



LIETUVOS MOKSLO TARYBOS PIRMININKAS

ĮSAKYMAS

DĖL GAMTOS MOKSLŲ SRITIES 2022 M. PASKELBTŲ IR MOKSLO IR STUDIJŲ INSTITUCIJŲ PATEIKTŲ VERTINTI MOKSLO SKLAIDOS VIENETŲ (DARBŲ) FORMALIOJO ĮVERTINIMO APIBENDRINTŲ REZULTATŲ PATVIRTINIMO

2023 m. spalio 18 d. Nr. V-567
Vilnius

Vadovaudamasis Kasmetinio universitetų ir mokslinių tyrimų institutų mokslinių tyrimų ir eksperimentinės plėtros, meno veiklos vertinimo aprašo, patvirtinto Lietuvos Respublikos švietimo, mokslo ir sporto ministro 2021 m. rugsėjo 2 d. įsakymu Nr. V-1593 „Dėl Lietuvos Respublikos Vyriausybės 2017 m. kovo 1 d. nutarimo Nr. 149 „Dėl Lietuvos Respublikos mokslo ir studijų įstatymo įgyvendinimo“ 2.2–2.6 papunkčių įgyvendinimo“, nuostatomis, Lietuvos universitetų ir mokslinių tyrimų institutų mokslinių tyrimų ir eksperimentinės plėtros, meno veiklos vertinimo procedūrų reglamento, patvirtinto Lietuvos mokslo tarybos pirmininko 2021 m. rugsėjo 9 d. įsakymu Nr. V-337 „Dėl Lietuvos universitetų ir mokslinių tyrimų institutų mokslinių tyrimų ir eksperimentinės plėtros, meno veiklos vertinimo procedūrų reglamento patvirtinimo“, 56 punktu, atsižvelgdamas į ekspertinio vertinimo išvadą Tarybos mokslo (meno) veiklos rezultatų vertinimo sistemoje „Vieversys“, Gamtos ir technikos mokslų ekspertų komiteto siūlymą (2023 m. spalio 9 d. posėdžio protokolo Nr. GTM-P-26),

t v i r t i n u gamtos mokslų srities 2022 metais paskelbtų ir pateiktų vertinti mokslo sklaidos vienetų (darbų) formaliojo įvertinimo rezultatus „Gamtos mokslų srities 2022 metais paskelbtų ir mokslo ir studijų institucijų pateiktų vertinti mokslo sklaidos vienetų (darbų) formaliojo įvertinimo apibendrinti rezultatai“ (pridedama).

Tarybos valdybos pirmininkas

Eugenijus Butkus

Parengė
Milda Jodinskienė
2023-10-17

Gamtos mokslų srities 2022 metais paskelbtų ir mokslo ir studijų institucijų pateiktų vertinti mokslo darbų¹ formaliojo įvertinimo apibendrinti rezultatai

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
1.	VDU (0,6667); LAMMC (0,2222); VU (0,1111)	5526085	Jocienė, L., Krokaitė, E., Shakenėva, D., Rekašius, T., Stanys, V., & Šikšnianienė, J. et al. (2022). Relationship between genetic and environmental characteristics of Lithuanian populations of purple loosestrife (<i>Lythrum salicaria</i>). <i>Journal of environmental engineering and landscape management</i> , vol. 30(iss. 1), p. 81- 93. doi: 10.3846/jeelm.2022.16303	N 001 (10), N 010 (70)	11.00	VDU (-); LAMMC (-); VU (-)
2.	LAMMC (0,5833); VDU (0,25)	5526163	Sutulienė, R., Ragelienė, L., Samuolienė, G., Brazaitytė, A., Urbutis, M., & Miliauskienė, J. (2022). The response of antioxidant system of drought-stressed green pea (<i>Pisum sativum</i> L.) affected by watering and foliar spray with silica nanoparticles. <i>Horticulturae</i> , 08(01), p. 1-15. doi: 10.3390/horticulturae8010035	N 004 (30)	11.2.	LAMMC (2,075); VDU (0,889)
3.	IMC (0,3667)	5526278	Kalvaitytė, U., Matta, C., Bernotienė, E., Pushparaj, P., Kiapour, A., & Mobasheri, A. (2022). Exploring the translational potential of clusterin as a biomarker of early osteoarthritis. <i>Journal of Orthopaedic Translation</i> , 32, 77-84. doi: 10.1016/j.jot.2021.10.001	N 010 (50)	11.2.	IMC (9,27)
4.	IMC (0,055)	5526323	Augusto-Oliveira, M., Arrifano, G., Delage, C., Tremblay, M., Crespo-Lopez, M., & Verkhatsky, A. (2022). Plasticity of microglia. <i>Biological Reviews</i> , 97(1), 217-250. doi: 10.1111/brv. 12797	N 010 (100)	11.2.	IMC (2,555)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
5.	LSMU (0,5833); VU (0,1667); NVI (0,0833); VUL SK (0,0833)	5527461	Damanskienė, E., Balnytė, I., Valančiūtė, A., Alonso, M., Preikšaitis, A., & Stakišaitis, D. (2022). The Different Temozolomide Effects on Tumorigenesis Mechanisms of Pediatric Glioblastoma PBT24 and SF8628 Cell Tumor in CAM Model and on Cells In Vitro. <i>International Journal Of Molecular Sciences</i> , 23(4), p. 652-656. doi: 10.3390/ijms23042001	N 010 (90)	11.2.	LSMU (6,143); VU (1,755); NVI (0,878); VUL SK (–)
6.	LSMU (0,75); NVI (0,0833)	5527492	Damanskienė, E., Balnytė, I., Valančiūtė, A., Lesauskaitė, V., Marija Alonso, M., & Stakišaitis, D. (2022). The Comparative Experimental Study of Sodium and Magnesium Dichloroacetate Effects on Pediatric PBT24 and SF8628 Cell Glioblastoma Tumors Using a Chicken Embryo Chorioallantoic Membrane Model and on Cells In Vitro. <i>International Journal Of Molecular Sciences</i> , 23(18), p. 1-23. doi: 10.3390/ijms231810455	N 010 (90)	11.2.	LSMU (7,898); NVI (0,878)
7.	VU (0,42); LSMU (0,16); NVI (0,06); VUL SK (0,06)	5527628	Grincevičienė, Š., Vaitkienė, D., Kanopienė, D., Vansevičiūtė, R., Tykvar, J., & Sukovas, A. et al. (2022). Factors, associated with elevated concentration of soluble carbonic anhydrase IX in plasma of women with cervical dysplasia. <i>Scientific reports</i> , vol. 12(no. 1), p. [1-10]. doi: 10.1038/s41598-022-19492-y	N 004 (30), N 010 (30)	11.2.	VU (3,262); LSMU (1,242); NVI (0,466); VUL SK (0,466)
8.	NVI (0,5); VU (0,2666); VILNIUS TECH (0,1)	5527695	Jarockytė, G., Poderys, V., Barzda, V., Karabanovas, V., & Rotomskis, R. (2022). Blood plasma stabilized gold nanoclusters for personalized tumor theranostics. <i>Cancers</i> , vol. 14(iss. 8), p. 1- 19. doi: 10.3390/cancers14081887	N 002 (30), N 011 (50)	11.2.	NVI (5,81); VU (3,098); VILNIUS TECH (1,162)
9.	NVI (0,7222); VU (0,2222); VILNIUS TECH (0,0556)	5527712	Jarockytė, G., Stašys, M., Poderys, V., Buivydaite, K., Plečkaitis, M., & Bulotienė, D. et al. (2022). Biodistribution of multimodal gold nanoclusters designed for photoluminescence-SPECT/CT imaging and diagnostic. <i>Nanomaterials: Special issue: Noble metal nanomaterials for biomedical applications</i> , vol. 12(iss. 19), p. 1-16. doi: 10.3390/nano12193259	N 011 (50)	11.2.	NVI (2,818); VU (0,867); VILNIUS TECH (0,217)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
10.	GTC (0,5833); FTMC (0,1667); NVI (0,125); VILNIUS TECH (0,0833); VU (0,0417)	5527831	Jurgelėnė, Ž., Montvydienė, D., Šemčuk, S., Stankevičiūtė, M., Sauliutė, G., & Pažusienė, J. et al. (2022). The impact of co- treatment with graphene oxide and metal mixture on <i>Salmo trutta</i> at early development stages: The sorption capacity and potential toxicity. <i>Science of the total environment</i> , vol. 838(iss. 4), p. 1-18. doi: 10.1016/j.scitotenv.2022.156525	N 011 (40), N 012 (40)	11.2.	GTC (5,858); FTMC (1,674); NVI (1,256); VILNIUS TECH (0,836); VU (0,418)
11.	NVI (0,5); VU (0,25); FTMC (0,1875); VILNIUS TECH (0,0625)	5527855	Jurgutis, D., Jarockytė, G., Poderys, V., Dodonova-Vaitkūnienė, J., Tumkevičius, S., & Vyšniauskas, A. et al. (2022). Exploring BODIPY- Based sensor for Imaging of intracellular microviscosity in human breast cancer cells. <i>International journal of molecular sciences</i> , vol. 23(iss. 10), p. 1-17. doi: 10.3390/ijms23105687	N 002 (30), N 011 (40)	11.2.	NVI (2,896); VU (1,448); FTMC (1,086); VILNIUS TECH (0,362)
12.	LSMU (0,75); NVI (0,25)	5527875	Juknevičienė, M., Balnytė, I., Valančiūtė, A., Stanevičiūtė, J., Sužiedėlis, K., & Stakišaitis, D. (2022). The effect of valproic acid on SLC5A8 expression in gonad-intact and gonadectomized rat thymocytes. <i>International Journal of Immunopathology and Pharmacology</i> , 36, p. 695-714. doi: 10.1177 /20587384211051954	N 004 (100)	11.2.	LSMU (5,288); NVI (1,763)
13.	NVI (0,7857); VU (0,0714)	5527944	Kišonas, J., Venius, J., Sevriukova, O., Grybauskas, M., Dabkevičienė, D., & Burneckis, A. et al. (2022). Individual Radiosensitivity as a Risk Factor for the Radiation-Induced Acute Radiodermatitis. <i>Life-basel</i> , 12(1), p. 380-388. doi: 10.3390 /life12010020	N 011 (100)	11.2.	NVI (5,483); VU (0,498)
14.	LSMU (0,6667); NVI (0,2222); VU (0,1111)	5527959	Klimaitė, R., Kazokaitė, M., Kondrotienė, A., Daukšienė, D., Sabaliauskaitė, R., & Žukauskaitė, K. et al. (2022). The Role of TSHR, PTEN and RASSF1A Promoters' Methylation Status for Non- Invasive Detection of Papillary Thyroid Carcinoma. <i>Journal of Clinical Medicine</i> , 11(16), p. 227-245. doi: 10.3390/jcm11164917	N 010 (50)	11.2.	LSMU (2,005); NVI (0,668); VU (0,334)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
15.	VU (0,4166); NVI (0,2292); VILNIUS TECH (0,1041)	5527998	Klimkevičius, V., Voronovič, E., Jarockytė, G., Skripka, A., Vetrone, F., & Rotomskis, R. et al. (2022). Polymer brush coated upconverting nanoparticles with improved colloidal stability and cellular labeling. <i>Journal of materials chemistry B</i> , vol. 10(iss. 4), p. 625-636. doi: 10.1039/d1tb01644j	N 003 (10), N 011 (80)	11.2.	VU (4,939); NVI (2,717); VILNIUS TECH (1,234)
16.	NVI (0,625); VU (0,375)	5528018	Lachej, N., Dabkevičienė, D., Fadejeva, J., Sabaliauskaitė, R., Jonušienė, V., & Brasiūnas, V. et al. (2022). Components of NOTCH Signaling for Uterine Cancer Patients' Prognosis. <i>Journal Of Oncology</i> , 2022, p. 1333-1338. doi: 10.1155/2022/8199306	N 010 (50)	11.00	NVI (–); VU (–)
17.	NVI (0,6429); VU (0,3571)	5528054	Norkevičienė, A., Gocentienė, R., Šeštokaitė, A., Sabaliauskaitė, R., Dabkevičienė, D., & Jarmalaitė, S. et al. (2022). A Systematic Review of Candidate Genes for Major Depression. <i>Medicina- lithuania</i> , 58(2), p. 1-6. doi: 10.3390/medicina58020285	N 010 (50)	11.2.	NVI (1,503); VU (0,835)
18.	VU (0,4048); NVI (0,131); VILNIUS TECH (0,0238)	5528073	Plečkaitis, M., Habach, F., Kontenis, L., Steinbach, G., Jarockytė, G., & Kalnaitytė, A. et al. (2022). Structure and principles of self- assembly of giant “sea urchin” type sulfonatophenyl porphine aggregates. <i>Nano research</i> , vol. 15(iss. 6), p. 5527-5537. doi: 10.1007/s12274-021-4048-x	N 002 (40), N 011 (40)	11.2.	VU (12,33); NVI (3,99); VILNIUS TECH (0,724)
19.	LSMUL KK (0,1667); VUL SK (0,1667); NVI (0,1111); VU (0,1111); FTMC (0,0556); LSMU (0,0556)	5528200	Skovorodko, K., Komiagienė, R., Maciusovič, M., Gilys, L., Vajauskas, D., & Grigonienė, V. et al. (2022). Nationwide survey on radiation doses received by patients in nuclear medicine imaging procedures. <i>Journal of radiological protection</i> , vol. 42(iss. 3), p. 1-8. doi: 10.1088/1361-6498/ac8202	N 002 (40)	11.2.	LSMUL KK (0,278); VUL SK (0,278); NVI (0,185); VU (0,185); FTMC (0,093); LSMU (0,093)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
20.	NVI (0,4); VU (0,4)	5528234	Smolskas, E., Mikulskytė, G., Šileika, E., Sužiedėlis, K., & Dulskas, A. (2022). Tissue-Based Markers as a Tool to Assess Response to Neoadjuvant Radiotherapy in Rectal Cancer-Systematic Review. <i>International Journal Of Molecular Sciences</i> , 23(11), p. 101-174. doi: 10.3390/ijms23116040	N 004 (10)	11.2.	NVI (0,331); VU (0,331)
21.	NVI (0,5); VU (0,5)	5528314	Šnipaitienė, K., Bakavičius, A., Lazutka, J., Ulys, A., Jankevičius, F., & Jarmalaitė, S. (2022). Urinary microRNAs can predict response to abiraterone acetate in castration resistant prostate cancer: A pilot study. <i>The Prostate, Vol. 82</i> (Issue. 4), p. 475-482. doi: 10.1002/pros.24293	N 010 (50)	11.2.	NVI (1,561); VU (1,561)
22.	LSMU (0,7917); NVI (0,125); VU (0,0417); VUL SK (0,0417)	5528345	Stakišaitis, D., Kapočius, L., Valančiūtė, A., Balnytė, I., Tamošutis, T., & Vaitkevičius, A. et al. (2022). SARS-CoV-2 Infection, Sex-Related Differences, and a Possible Personalized Treatment Approach with Valproic Acid: A Review. <i>Biomedicines</i> , 10(5), p. 1-23. doi: 10.3390/biomedicines10050962	N 004 (30), N 010 (30)	11.2.	LSMU (3,924); NVI (0,62); VU (0,206); VUL SK (0,206)
23.	LSMU (0,8667); NVI (0,1333)	5528378	Tatarūnas, V., Aldujeli, A., Kurnickaitė, Ž., Maciulevičius, L., Burkanas, M., & Venius, J. et al. (2022). Blood direct PCR: impact of CYP2C19 and CYP4F2 variants for bleeding prediction in ST- elevation myocardial infarction patients with ticagrelor. <i>Personalized Medicine</i> , 19(3), p. 207-217. doi: 10.2217/pme- 2021-0152	N 010 (50)	11.2.	LSMU (2,383); NVI (0,367)
24.	NVI (0,5); VU (0,5)	5528515	Vaicekauskaitė, I., Sabaliauskaitė, R., Lazutka, J., & Jarmalaitė, S. (2022). The Emerging Role of Chromatin Remodeling Complexes in Ovarian Cancer. <i>International Journal of Molecular Sciences</i> , 23 (22), p. 209-249. doi: 10.3390/ijms232213670	N 010 (100)	11.2.	NVI (4,137); VU (4,137)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
25.	NVI (0,5); VILNIUS TECH (0,25); VU (0,25)	5528573	Žilionytė, K., Bagdzevičiūtė, U., Mlynska, A., Urbšaitė, E., Paberalė, E., & Darulytė, N. et al. (2022). Functional antigen processing and presentation mechanism as a prerequisite factor of response to treatment with dendritic cell vaccines and anti-PD- 1 in preclinical murine LLC1 and GL261 tumor models. <i>Cancer immunology, immunotherapy</i> , 71(11), p. 2691-2700. doi: 10.1007/s00262-022-03190-9	N 003 (10), N 010 (90)	11.2.	NVI (4,349); VILNIUS TECH (2,174); VU (2,174)
26.	IMC (0,125)	5529263	Butt, A., & Verkhatsky, A. (2022). Astrocytes regulate action potential propagation in myelinated axons: It is very crowded at the node of Ranvier. <i>Cell Calcium</i> , 101, Article Number 102518. doi: 10.1016/j.ceca.2021.102518	N 010 (100)	11.2.	IMC (1,21)
27.	IMC (0,0556)	5529535	Mitrečić, D., Hribljan, V., Jagečić, D., Isaković, J., Lamberto, F., & Horánszky, A. et al. (2022). Regenerative neurology and regenerative cardiology: shared hurdles and achievements. <i>International Journal of Molecular Sciences</i> , 23(2), 855. doi: 10.3390/ijms23020855	N 010 (50)	11.2.	IMC (0,89)
28.	VU (0,3889); IMC (0,3556); VILNIUS TECH (0,0556)	5529698	Ramanavičienė, A., Popov, A., Baliūnaitė, E., Brasiūnas, B., Kaušaitė-Minkštimienė, A., & Tamer, U. et al. (2022). Magneto- immunoassay for the detection and quantification of human growth hormone. <i>Biosensors</i> , 12, 65. doi: 10.3390/bios12020065	N 003 (30), N 004 (40), N 010 (30)	11.2.	VU (8,446); IMC (7,723); VILNIUS TECH (1,207)
29.	VU (0,5); IMC (0,45); VILNIUS TECH (0,05)	5529744	Šakalytė, R., Denkovskij, J., Bernotienė, E., Stropuvienė, S., Mikulėnaitė, S., & Kvederas, G. et al. (2022). The expression of inflammasomes NLRP1 and NLRP3, Toll-like receptors, and vitamin D receptor in synovial fibroblasts from patients with different types of knee arthritis. <i>Frontiers in Immunology</i> , 12, 767512. doi: 10.3389/fimmu.2021.767512	N 004 (10), N 010 (50)	11.2.	VU (2,888); IMC (2,599); VILNIUS TECH (0,289)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
30.	IMC (0,4286); VILNIUS TECH (0,2857)	5530025	Novickij, V., Zinkevičienė, A., Radzevičiūtė, E., Kulbacka, J., Rembiałkowska, N., & Novickij, J. et al. (2022). Bioluminescent calcium mediated detection of nanosecond electroporation: grasping the differences between 100 ns and 100 μs pulses. <i>Bioelectrochemistry</i> , 145, 108084. doi: 10.1016/j.bioelechem.2022.108084	N 010 (50), N 011 (10)	11.2.	IMC (3,128); VILNIUS TECH (2,086)
31.	IMC (0,0313)	5530049	Francisco, V., Pino, J., González-Gay, M., Lago, F., Karppinen, J., & Tervonen, O. et al. (2022). A new immunometabolic perspective of intervertebral disc degeneration. <i>Nature Reviews Rheumatology</i> , 18(1), 47-60. doi: 10.1038/s41584-021-00713-z	N 010 (20)	11.2.	IMC (0,725)
32.	IMC (0,04)	5530077	Bay-Jensen, A., Mobasher, A., Thudium, C., Kraus, V., & Karsdal, M. (2022). Blood and urine biomarkers in osteoarthritis - an update on cartilage associated type II collagen and aggrecan markers. <i>Current Opinion in Rheumatology</i> , 34(1), 54-60. doi: 10.1097/BOR.0000000000000845	N 010 (40)	11.2.	IMC (0,347)
33.	IMC (0,0019); VUL SK (0,0019)	5530109	Dareng, E., Tyrer, J., Barnes, D., Jones, M., Yang, X., & Aben, K. et al. (2022). Polygenic risk modeling for prediction of epithelial ovarian cancer risk. <i>European Journal of Human Genetics</i> , 30(3), 349-362. doi: 10.1038/s41431-021-00987-7	N 011 (10)	11.2.	IMC (0,023); VUL SK (0,023)
34.	VU (0,5); FTMC (0,375); IMC (0,125)	5530513	Plikusienė, I., Mačiulis, V., Ramanavičius, A., & Ramanavičienė, A. (2022). Spectroscopic ellipsometry and quartz crystal microbalance with dissipation for the assessment of polymer layers and for the application in biosensing. <i>Polymers</i> , 14(5), 1056. doi: 10.3390/polym14051056	N 003 (30), N 004 (40), N 011 (30)	11.2.	VU (4,366); FTMC (3,274); IMC (1,091)
35.	GTC (0,5); LAMMC (0,5)	5530537	Vaštakaitė-Kairienė, V., Samuolienė, G., Šveikauskas, V., Laužikė, K., & Jurkonienė, S. (2022). The influence of end-of-day blue light on the growth, photosynthetic, and metabolic parameters of lettuce at different development stages. <i>Plants</i> , vol. 11(iss. 20), p. 1-14. doi: 10.3390/plants11202798	N 010 (50)	11.2.	GTC (2,331); LAMMC (2,331)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
36.	VDU (0,5); LAMMC (0,25)	5530654	Mildažienė, V., Ivankov, A., Šerá, B., & Baniulis, D. (2022). Biochemical and physiological plant processes affected by seed treatment with non-thermal plasma. <i>Plants</i> , vol. 11(iss. 7), p. 1- 37. doi: 10.3390/plants11070856	N 004 (50)	11.2.	VDU (3,297); LAMMC (1,649)
37.	IMC (0,0125)	5531107	Angelini, F., Widera, P., Mobasheri, A., Blair, J., Struglics, A., & Uebelhoer, M. et al. (2022). Osteoarthritis endotype discovery via clustering of biochemical marker data. <i>Annals of the Rheumatic Diseases</i> , 81(5), 666-675. doi: 10.1136/annrheumdis-2021-221763	N 010 (20)	11.2.	IMC (0,389)
38.	IMC (0,5)	5531172	Novickij, V., Balevičiūtė, A., Malysko, V., Želvys, A., Radzevičiūtė, E., & Kos, B. et al. (2022). Effects of time delay between unipolar pulses in high frequency nano-electrochemotherapy. <i>IEEE Transactions on Biomedical Engineering</i> , 69(5), 1726-1732. doi: 10.1109/TBME.2021.3129176	N 010 (40), N 011 (60)	11.2.	IMC (5,63)
39.	VUL SK (0,4286); IMC (0,2857); VU (0,2857)	5531276	Gulbinienė, V., Balčiūnienė, G., Petronienė, J., Vilienė, R., Dumalakienė, I., & Pilypienė, I. et al. (2022). The significance of epidermal growth factor in noninvasively obtained amniotic fluid predicting respiratory outcomes of preterm neonates. <i>International Journal of Molecular Sciences</i> , 23(6), 2978. doi: 10.3390/ijms23062978	N 010 (50)	11.2.	VUL SK (1,773); IMC (1,182); VU (1,182)
40.	VU (0,7); IMC (0,3)	5531333	Sakalauskienė, L., Popov, A., Kaušaitė-Minkštimienė, A., Ramanavičius, A., & Ramanavičienė, A. (2022). The impact of glucose oxidase immobilization on dendritic gold nanostructures on the performance of glucose biosensors. <i>Biosensors-Basel</i> , 12 (5), 320. doi: 10.3390/bios12050320	N 004 (60), N 010 (40)	11.2.	VU (6,207); IMC (2,66)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
41.	IMC (0,5); VU (0,5)	5531350	Kaušaitė-Minkštimienė, A., Popov, A., & Ramanavičienė, A. (2022). Surface plasmon resonance immunosensor with antibody-functionalized magnetoplasmonic nanoparticles for ultrasensitive quantification of the CD5 biomarker. <i>ACS Applied Materials & Interfaces</i> , 14(18), 20720-20728. doi: 10.1021/acsami.2c02936	N 003 (30), N 004 (30), N 010 (40)	11.2.	IMC (5,976); VU (5,976)
42.	VU (0,6563); FTMC (0,1875); IMC (0,0313)	5531365	Drobysh, M., Liustrovaite, V., Baradoke, A., Rucinskiene, A., Ramanavičienė, A., & Ratautaite, V. et al. (2022). Electrochemical determination of interaction between SARS-CoV-2 spike protein and specific antibodies. <i>International Journal of Molecular Sciences</i> , 23(12), 6768. doi: 10.3390/ijms23126768	N 003 (50), N 010 (50)	11.2.	VU (10,86); FTMC (3,102); IMC (0,518)
43.	IMC (0,0125)	5531401	Zhang, M., Gong, W., Zhang, D., Ji, M., Chen, B., & Chen, B. et al. (2022). Ageing related thyroid deficiency increases brain-targeted transport of liver-derived ApoE4-laden exosomes leading to cognitive impairment. <i>Cell Death & Disease</i> , 13, 406. doi: 10.1038/s41419-022-04858-x	N 010 (100)	11.2.	IMC (0,282)
44.	VUL SK (0,7222); VU (0,2222); IMC (0,0556)	5532540	Norvilas, R., Batiuškaitė, R., Dirsė, V., Semaškevičienė, R., Gineikienė, E., & Stoškus, M. et al. (2022). Population-based targeted RNA sequencing reveals novel disease-related gene fusions in pediatric and adult T-ALL. <i>Leukemia Research</i> , 116, 106825. doi: 10.1016/j.leukres.2022.106825	N 010 (50)	11.2.	VUL SK (1,91); VU (0,588); IMC (0,147)
45.	VILNIUS TECH (0,6); IMC (0,4)	5532558	Radzevičiūtė, E., Malyško-Ptašinskė, V., Novickij, J., Novickij, V., & Girkontaitė, I. (2022). Transfection by electroporation of cancer and primary cells using nanosecond and microsecond electric fields. <i>Pharmaceutics</i> , 14(6), 1239. doi: 10.3390/pharmaceutics14061239	N 010 (50)	11.2.	VILNIUS TECH (3,065); IMC (2,043)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
46.	IMC (0,1176)	5532596	Strowitzki, M., Nelson, R., Garcia, M., Tuffs, C., Bleul, M., & Fitzsimons, S. et al. (2022). Carbon dioxide sensing by immune cells occurs through carbonic anhydrase 2-dependent changes in intracellular pH. <i>Journal of Immunology</i> , 208(10), 2363-2375. doi: 10.4049/jimmunol.2100665	N 010 (100)	11.2.	IMC (1,344)
47.	IMC (0,5); VU (0,5)	5532634	German, N., Popov, A., Ramanavičius, A., & Ramanavičienė, A. (2022). Development and practical application of glucose biosensor based on dendritic gold nanostructures modified by conducting polymers. <i>Biosensors-Basel</i> , 12, 641. doi: 10.3390/bios12080641	N 003 (50), N 004 (40), N 010 (10)	11.2.	IMC (4,433); VU (4,433)
48.	IMC (0,111)	5532659	Li, B., Zhang, D., & Verkhatsky, A. (2022). Astrocytes in post- traumatic stress disorder. <i>Neuroscience Bulletin</i> , 38(8), 953-965. doi: 10.1007/s12264-022-00845-6	N 010 (50)	11.2.	IMC (1,011)
49.	FTMC (0,6); NVI (0,4)	5532704	Mikalauskaitė, A., Plečkaitis, M., Grincienė, G., Karabanovas, V., & Jagminas, A. (2022). Designing red-fluorescent superparamagnetic nanoparticles by conjugation with gold clusters. <i>RSC advances</i> , vol. 12(iss. 54), p. 35300-35308. doi: 10.1039/D2RA07242D	N 002 (10), N 003 (90)	11.2.	FTMC (3,574); NVI (2,382)
50.	IMC (0,0147)	5532751	Ruiz-Fernández, C., González-Rodríguez, M., Abella, V., Francisco, V., Cordero-Barreal, A., & Ait Eldjoudi, D. et al. (2022). WISP-2 modulates the induction of inflammatory mediators and cartilage catabolism in chondrocytes. <i>Laboratory Investigation</i> , 102(9), 989-999. doi: 10.1038/s41374-022-00793-9	N 010 (100)	11.2.	IMC (0,373)
51.	VDU (0,6667); IMC (0,1111); LSMU (0,1111); VILNIUS TECH (0,1111)	5532778	Ruzgys, P., Navickaitė, D., Palepšienė, R., Uždavinytė, D., Barauskaitė, N., & Novickij, V. et al. (2022). Induction of bystander and abscopal effects after electroporation-based treatments. <i>Cancers (Basel)</i> , 15(15), 3770. doi: 10.3390/cancers14153770	N 004 (10), N 010 (60), N 011 (30)	11.2.	VDU (5,59); IMC (0,932); LSMU (0,932); VILNIUS TECH (0,932)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
52.	IMC (0,0154)	5532797	Varela-Eirín, M., Carpintero-Fernández, P., Guitián-Caamaño, A., Varela-Vázquez, A., García-Yuste, A., & Sánchez-Temprano, A. et al. (2022). Extracellular vesicles enriched in connexin 43 promote a senescent phenotype in bone and synovial cells contributing to osteoarthritis progression. <i>Cell Death & Disease</i> , 13(8), Article Number 681. doi: 10.1038/s41419-022-05089-w	N 010 (60)	11.2.	IMC (0,279)
53.	IMC (0,0769)	5534111	Loef, M., van de Stadt, L., Böhringer, S., Bay-Jensen, A., Mobasheri, A., & Larkin, J. et al. (2022). The association of the lipid profile with knee and hand osteoarthritis severity: the IMI- APPROACH cohort. <i>Osteoarthritis Cartilage</i> , 30(8), 1062-1069. doi: 10.1016/j.joca.2022.05.008	N 010 (20)	11.2.	IMC (0,767)
54.	VILNIUS TECH (0,4286); IMC (0,2143)	5534169	Radzevičiūtė, E., Malyško-Ptašinskė, V., Kulbacka, J., Rembiałkowska, N., Novickij, J., & Girkontaitė, I. et al. (2022). Nanosecond electrochemotherapy using bleomycin or doxorubicin: Influence of pulse amplitude, duration and burst frequency. <i>Bioelectrochemistry</i> , 148, 108251. doi: 10.1016/j.bioelechem.2022.108251	N 010 (50)	11.2.	VILNIUS TECH (2,607); IMC (1,303)
55.	VU (0,5); IMC (0,4); VILNIUS TECH (0,1)	5534223	Popov, A., Lisyte, V., Kaušaitė-Minkštimienė, A., Bernotienė, E., & Ramanavičienė, A. (2022). Experimental evaluation of quantum dots and antibodies conjugation by surface plasmon resonance spectroscopy. <i>International Journal of Molecular Sciences</i> , 23(20), 12626. doi: 10.3390/ijms232012626	N 004 (50), N 010 (50)	11.2.	VU (4,138); IMC (3,31); VILNIUS TECH (0,828)
56.	IMC (0,05); VILNIUS TECH (0,05)	5534296	Rakoczy, K., Kisielewska, M., Sedzik, M., Jonderko, L., Celinska, J., & Sauer, N. et al. (2022). Electroporation in clinical applications - the potential of gene electrotransfer and electrochemotherapy. <i>Applied Sciences-Basel</i> , 12(21), 10821. doi: 10.3390/app122110821	N 011 (80)	11.2.	IMC (0,3); VILNIUS TECH (0,3)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
57.	IMC (0,0165)	5534378	Ommati, M., Mobasheri, A., Ma, Y., Xu, D., Tang, Z., & Manthari, R. et al. (2022). Taurine mitigates the development of pulmonary inflammation, oxidative stress, and histopathological alterations in a rat model of bile duct ligation. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 395(12), 1557-1572. doi: 10.1007/s00210-022-02291-7	N 010 (100)	11.2.	IMC (0,326)
58.	IMC (0,6667)	5534411	Mikšiūnas, R., Labeit, S., & Bironaitė, D. (2022). The effect of heat shock on myogenic differentiation of human skeletal- muscle-derived mesenchymal stem/stromal cells. <i>Cells</i> , 11(20), 3209. doi: 10.3390/cells11203209	N 010 (100)	11.2.	IMC (8,527)
59.	IMC (0,0825)	5534436	Zhao, Y., Verkhatsky, A., Tang, Y., & Illes, P. (2022). Astrocytes and major depression: the purinergic avenue. <i>Neuropharmacology</i> , 220, 109252. doi: 10.1016/j.neuropharm.2022.109252	N 010 (50)	11.2.	IMC (0,755)
60.	NVI (0,5); VU (0,3333); VUL SK (0,1111)	5535892	Sadzevičienė, I., Šnipaitienė, K., Ščesnaitė-Jerdiakova, A., Daniūnaitė, K., Sabaliauskaitė, R., & Laurinavičienė, A. et al. (2022). Analysis of intrinsic breast cancer subtypes: the clinical utility of epigenetic biomarkers and TP53 mutation status in triple-negative cases. <i>International journal of molecular sciences</i> , vol. 23(no.23), p. [1-14]. doi: 10.3390/ijms232315429	N 010 (80)	11.2.	NVI (3,31); VU (2,206); VUL SK (0,735)
61.	IMC (0,6667); VILNIUS TECH (0,2778)	5535930	Balevičiūtė, A., Radzevičiūtė, E., Želvys, A., Malysko-Ptašinskė, V., Novickij, J., & Zinkevičienė, A. et al. (2022). High-frequency nanosecond bleomycin electrochemotherapy and its effects on changes in the immune system and survival. <i>Cancers</i> , 14(24), 6254. doi: 10.3390/cancers14246254	N 010 (60)	11.2.	IMC (4,744); VILNIUS TECH (1,977)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
62.	IMC (0,0625)	5536022	Genovese, J., Stručic, M., Serša, I., Novickij, V., Rocculi, P., & Miklavčič, D. et al. (2022). PEF treatment effect on plant tissues of heterogeneous structure no longer an enigma: MRI insights beyond the naked eye. <i>Food Chemistry</i> , 405(Part A), 134892. doi: 10.1016/j.foodchem.2022.134892	N 010 (70), N 011 (30)	11.2.	IMC (1,637)
63.	IMC (0,05)	5536472	Verkhatsky, A., Arranz, A., Ciuba, K., & Pękowska, A. (2022). Evolution of neuroglia. <i>Annals of the New York Academy of Sciences</i> , 1518(1), 120-130. doi: 10.1111/nyas.14917	N 010 (100)	11.2.	IMC (0,789)
64.	NVI (0,6); VU (0,2333); VUL SK (0,133)	5538447	Matulevičius, A., Bakavičius, A., Ulys, A., Trakymas, M., Ušinskienė, J., & Naruševičiūtė, I. et al. (2022). Multiparametric MRI Fusion-Guided Prostate Biopsy for Detection of Clinically Significant Prostate Cancer Eliminates the Systemic Prostate Biopsy. <i>Applied Sciences-basel</i> , 12(19), p. 18-28. doi: 10.3390/app121910151	N 010 (20)	11.2.	NVI (0,637); VU (0,248); VUL SK (0,141)
65.	LAMMC (0,3571); VDU (0,3571); LSMU (0,2857)	5549261	Česonienė, L., Štreimikytė, P., Liaudanskas, M., Žvikas, V., Viškelis, P., & Viškelis, J. et al. (2022). Berries and leaves of Actinidia kolomikta (Rupr. & Maxim.) maxim.: a source of phenolic compounds. <i>Plants</i> , 11(02), p. 1-13. doi: 10.3390/plants11020147	N 010 (30)	11.2.	LAMMC (0,999); VDU (0,999); LSMU (0,799)
66.	KTU (0,3333); LAMMC (0,3333); VILNIUS TECH (0,3333)	5549635	Vaitiekūnaitė, D., Bružaitė, I., & Snitka, V. (2022). Endophytes from blueberry (Vaccinium sp.) fruit: characterization of yeast and bacteria via label-free surface-enhanced Raman spectroscopy (SERS). <i>Spectrochimica acta Part A: Molecular and biomolecular spectroscopy</i> , vol. 275, p. 1-11. doi: 10.1016/j.saa. 2022.121158	N 002 (40)	11.2.	KTU (1,788); LAMMC (1,788); VILNIUS TECH (1,788)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
67.	VU (0,5); LAMMC (0,1667)	5549732	Mažylytė, R., Kaziūnienė, J., Orova, L., Valkovska, V., Lastauskienė, E., & Gegeckas, A. (2022). Phosphate solubilizing microorganism <i>Bacillus</i> sp. MVY-004 and its significance for biomineral fertilizers' development in agrobiotechnology. <i>Biology</i> , vol. 11(iss. 2), p. 1-17. doi: 10.3390/biology11020254	N 010 (50)	11.2.	VU (3,017); LAMMC (1,006)
68.	LAMMC (0,4); VU (0,4)	5549746	Kaziūnienė, J., Mažylytė, R., Krasauskas, A., Toleikienė, M., & Gegeckas, A. (2022). Optimizing the growth conditions of the selected plant-growth-promoting rhizobacteria <i>Paenibacillus</i> sp. MVY-024 for industrial scale production. <i>Biology</i> , vol. 11(no. 5), p. [1-16]. doi: 10.3390/biology11050745	N 010 (50)	11.2.	LAMMC (1,707); VU (1,707)
69.	LAMMC (0,6); LSMU (0,1)	5549828	Štreimikytė, P., Kailiuvienė, J., Mažonienė, E., Puzerytė, V., Urbonavičienė, D., & Balčiūnaitienė, A. et al. (2022). The biochemical alteration of enzymatically hydrolysed and spontaneously fermented oat flour and its impact on pathogenic bacteria. <i>Foods</i> , vol. 11(no. 14), p. 1-19. doi: 10.3390/foods11142055	N 010 (40)	11.2.	LAMMC (3,686); LSMU (0,614)
70.	GTC (0,6667); LAMMC (0,3333)	5549903	Bridžiuvienė, D., Raudonienė, V., Švedienė, J., Paškevičius, A., Baužienė, I., & Vaitonis, G. et al. (2022). Impact of soil chemical properties on the growth promotion ability of <i>Trichoderma ghanense</i> , <i>T. tomentosum</i> and their complex on rye in different land-use systems. <i>Journal of fungi</i> , vol. 8(iss. 1), p. 1-18. doi: 10.3390/jof8010085	N 012 (70)	11.2.	GTC (3,892); LAMMC (1,946)
71.	VU (1)	5552824	Budrevičius, D., & Skaudžius, R. (2022). Volume dependence of the size of GdPO ₄ :15% Eu particles synthesized by the hydrothermal method. <i>Journal of alloys and compounds</i> , vol. 911, p. [1-5]. doi: 10.1016/j.jallcom.2022.164963	N 003 (100)	11.2.	VU (9,048)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
72.	VU (0,625); FTMC (0,375)	5552833	Dronina, J., Plaušinitis, D., Samukaitė-Bubnienė, U., & Ramanavičius, A. (2022). Real-time label-free assessment of T7 DNA polymerase immobilization. <i>Materials today nano</i> , vol. 19, p. 1-8. doi: 10.1016/j.mtnano.2022.100232	N 003 (100)	11.2.	VU (7,993); FTMC (4,796)
73.	VU (0,5833); FTMC (0,4167)	5552844	Gaidukevič, J., Aukštakojytė, R., Barkauskas, J., Niaura, G., Murauskas, T., & Pauliukaitė, R. (2022). A novel electrochemical sensor based on thermally reduced graphene oxide for the sensitive determination of dopamine. <i>Applied surface science</i> , vol. 592, p. [1-11]. doi: 10.1016/j.apsusc.2022.153257	N 003 (50)	11.2.	VU (2,785); FTMC (1,989)
74.	VU (0,2222)	5552860	Ivanets, A., Žarkov, A., Prozorovich, V., Venhlinkaya, E., Radkevich, A., & Yang, J. et al. (2022). Effect of Mg ²⁺ , Sr ²⁺ , and Fe ³⁺ -substitution on 85Sr and 60Co adsorption on amorphous calcium phosphates: Adsorption performance, selectivity, and mechanism. <i>Journal of environmental chemical engineering</i> , vol. 10(iss. 3), p. [1-11]. doi: 10.1016/j.jece.2022.107425	N 003 (100)	11.2.	VU (4,992)
75.	VU (1)	5552877	Jozeliūnaitė, A., Javorskis, T., Vaitkevičius, V., Klimavičius, V., & Orentas, E. (2022). Fully Supramolecular Chiral Hydrogen-Bonded Molecular Tweezer. <i>Journal of the American Chemical Society</i> , vol. 144(iss. 18), p. 8231-8241. doi: 10.1021/jacs.2c01455	N 003 (100)	11.2.	VU (17,217)
76.	VU (1)	5552889	Kaušaitė-Minkštimienė, A., Kaminskas, A., & Ramanavičienė, A. (2022). Development of a membraneless single-enzyme biofuel cell powered by glucose. <i>Biosensors and bioelectronics</i> , vol. 216, p. [1-7]. doi: 10.1016/j.bios.2022.114657	N 003 (100)	11.2.	VU (17,855)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
77.	VU (0,8571); FTMC (0,1429)	5552910	Murauskas, T., Kubilius, V., Talaikis, M., Abrutis, A., Raudonis, R., & Niaura, G. et al. (2022). Precise composition control and cation nonstoichiometry in La-doped BaSnO ₃ thin films grown by MOCVD. <i>Journal of alloys and compounds</i> , vol. 898, p. [1-8]. doi: 10.1016/j.jallcom.2021.162843	N 003 (90), N 004 (10)	11.2.	VU (7,756); FTMC (1,292)
78.	VU (0,75); FTMC (0,25)	5552925	Norkus, M., Laurikėnas, A., Vištorskaja, D., Mažeika, K., Baltrūnas, D., & Skaudžius, R. et al. (2022). Investigation of substitution effects of the first four lanthanides (La, Ce, Pr and Nd) in yttrium iron garnet. <i>Journal of alloys and compounds</i> , vol. 903, p. [1-12]. doi: 10.1016/j.jallcom.2022.163978	N 003 (100)	11.2.	VU (6,786); FTMC (2,262)
79.	VU (0,8333); FTMC (0,1667)	5552942	Poderytė, M., Valiūnienė, A., & Ramanavičius, A. (2022). Scanning electrochemical microscope as a tool for the electroporation of living yeast cells. <i>Biosensors and bioelectronics</i> , vol. 205, p. 1-8. doi: 10.1016/j.bios.2022.114096	N 003 (100)	11.2.	VU (14,879); FTMC (2,976)
80.	VU (0,75); FTMC (0,25)	5552969	Ramanavičius, S., & Ramanavičius, A. (2022). Development of molecularly imprinted polymer based phase boundaries for sensors design (review). <i>Advances in colloid and interface science</i> , vol. 305, p. 1-11. doi: 10.1016/j.cis.2022.102693	N 003 (100)	11.2.	VU (12,42); FTMC (4,14)
81.	VU (1)	5553467	Vaičiškauskytė, I., Poškus, V., Nekrošius, V., Vičkačkaitė, V., & Kareiva, A. (2021). Home-made cider brandy (Calvados): analysis of distillation fractions by gas chromatography-mass spectrometry method. <i>Chemija</i> , vol. 32(no. 3-4), p. 83-91. doi: 10.6001/chemija.v32i3-4.4546	N 003 (100)	11.00	VU (–)
82.	IMC (0,11)	5554483	Andersen, J., Schousboe, A., & Verkhatsky, A. (2022). Astrocyte energy and neurotransmitter metabolism in Alzheimer's disease: Integration of the glutamate/GABA-glutamine cycle. <i>Progress in Neurobiology</i> , 217, 102331. doi: 10.1016/j.pneurobio.2022.102331	N 010 (80)	11.2.	IMC (2,146)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
83.	IMC (0,025)	5554634	Simorgh, S., Alasvand, N., Khodadadi, M., Ghobadi, F., Kebria, M., & Milan, P. et al. (2022). Additive manufacturing of bioactive glass biomaterials. <i>Methods</i> , 208, 75-91. doi: 10.1016/j.ymeth.2022.10.010	N 010 (100)	11.2.	IMC (0,608)
84.	IMC (0,5833); VU (0,3333); VUL SK (0,1667); KTU (0,0833)	5554777	Stankus, V., Navickas, P., Slušnienė, A., Laucevičienė, I., Stankus, A., & Laucevičius, A. (2022). A novel adaptive noise elimination algorithm in long RR interval sequences for heart rate variability analysis. <i>Sensors</i> , 22(23), 9213. doi: 10.3390/s22239213	N 002 (10), N 011 (30)	11.2.	IMC (1,924); VU (1,099); VUL SK (–); KTU (0,275)
85.	IMC (0,165)	5554930	Khiroug, L., & Verkhatsky, A. (2021). Coming full circle: In vivo Veritas, or expanding the neuroscience frontier. <i>Cell Calcium</i> , 98, 102452. doi: 10.1016/j.ceca.2021.102452	N 010 (80)	11.2.	IMC (1,278)
86.	IMC (0,0625); VUL SK (0,0625)	5555405	Selickaja, S., Galindo-Feria, A., Dani, L., Mimori, T., Rönnelid, J., & Holmqvist, M. et al. (2022). ELISA, protein immunoprecipitation and line blot assays for anti-TIF1-gamma autoantibody detection in cancer-associated dermatomyositis. <i>Rheumatology</i> , 61(12), 4991-4996. doi: 10.1093/rheumatology/keac288	N 010 (50)	11.2.	IMC (0,778); VUL SK (0,778)
87.	IMC (0,3333); VU (0,3333); NVI (0,2778); VILNIUS TECH (0,0556)	5555557	Zaleskis, G., Characiejus, D., Juršėnaitė, J., Žibutytė, L., Kriaučiūnaitė, K., & Vanagaitė-Žičkienė, M. et al. (2022). Thymus subset alterations accompanying concomitant tumor immunity mimics phenotypic patterns of cytotoxic drug doxorubicin. <i>In Vivo</i> , 36(3), 1106-1113. doi: 10.21873/invivo.12808	N 010 (20)	11.2.	IMC (0,325); VU (0,325); NVI (0,271); VILNIUS TECH (0,054)
88.	KTU (0,5556); VU (0,4444)	5558472	Glemža, J., Palenskis, V., Gudaitis, R., Jankauskas, Š., Guobienė, A., & Vasiliauskas, A. et al. (2022). Low-frequency noise of directly synthesized graphene/Si(100) junction. <i>Diamond and related materials</i> , vol. 127, p. 1-8. doi: 10.1016/j.diamond.2022.109207	N 002 (50)	11.2.	KTU (1,9); VU (1,52)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
89.	KTU (0,6667); FTMC (0,3333)	5558503	Meškinis, Š., Vasiliauskas, A., Guobienė, A., Talaikis, M., Niaura, G., & Gudaitis, R. (2022). The direct growth of planar and vertical graphene on Si(100) via microwave plasma chemical vapor deposition: synthesis conditions effects. <i>RSC advances</i> , vol. 12 (iss. 29), p. 18759-18772. doi: 10.1039/d2ra02370a	N 003 (30)	11.2.	KTU (1,191); FTMC (0,596)
90.	KTU (0,4545)	5558519	Peckus, D., Tamulevičienė, A., Mougin, K., Spangenberg, A., Vidal, L., & Bauerlin, Q. et al. (2022). Shape influence on the ultrafast plasmonic properties of gold nanoparticles. <i>Optics express</i> , vol. 30(iss. 15), p. 27730-27745. doi: 10.1364/OE. 463961	N 002 (50)	11.2.	KTU (4,268)
91.	VU (0,0476)	5559015	Babushkin, I., Galán, Á., de Andrade, J., Husakou, A., Morales, F., & Kretschmar, M. et al. (2022). All-optical attoclock for imaging tunnelling wavepackets. <i>Nature physics</i> , vol. 18(iss. 4), p. 417- 422. doi: 10.1038/s41567-022-01505-2	N 002 (100)	11.2.	VU (5,733)
92.	KTU (0,3077); VU (0,2308)	5559044	Daskeviciute-Geguziene, S., Zhang, Y., Rakstys, K., Kreiza, G., Khan, S., & Kanda, H. et al. (2022). Green-chemistry-inspired synthesis of cyclobutane-based hole-selective materials for highly efficient perovskite solar cells and modules. <i>Angewandte chemie (international edition)</i> , vol. 61(iss. 5), p. 1-9. doi: 10.1002/anie.202113207	N 002 (40), N 003 (60)	11.2.	KTU (11,595); VU (8,695)
93.	VU (1)	5559098	Kononovičius, A., Kazakevičius, R., & Kaulakys, B. (2022). Resemblance of the power-law scaling behavior of a non- Markovian and nonlinear point processes. <i>Chaos, solitons and fractals</i> , vol. 162, p. [1-6]. doi: 10.1016/j.chaos.2022.112508	N 002 (100)	11.2.	VU (18,012)
94.	VU (0,7); FTMC (0,1)	5559109	Merkininkaitė, G., Aleksandravičius, E., Malinauskas, M., Gailevičius, D., & Šakirzanovas, S. (2022). Laser additive manufacturing of Si/ZrO2 tunable crystalline phase 3D nanostructures. <i>Opto-electronic advances</i> , vol. 5(iss. 5), p. [1- 11]. doi: 10.29026/oea.2022.210077	N 002 (50)	11.2.	VU (14,561); FTMC (2,08)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
95.	VU (1)	5559124	Nomeika, K., Podlipskas, Ž., Nikitina, M., Nargelas, S., Tamulaitis, G., & Aleksiejūnas, R. (2022). Impact of carrier diffusion on the internal quantum efficiency of InGaN quantum well structures. <i>Journal of materials chemistry C</i> , vol. 10(no. 5), p. 1735-1745. doi: 10.1039/d1tc04760d	N 002 (100)	11.2.	VU (9,615)
96.	VU (1)	5559149	Radiunas, E., Naimovičius, L., Raišys, S., Jozeliūnaitė, A., Orentas, E., & Kazlauskas, K. (2022). Efficient NIR-to-vis photon upconversion in binary rubrene films deposited by simplified thermal evaporation. <i>Journal of materials chemistry C</i> , vol. 10(no. 16), p. 6314-6322. doi: 10.1039/D1TC05332A	N 002 (100)	11.2.	VU (9,615)
97.	VU (1)	5559243	Serevičius, T., Skaisgiris, R., Dodonova-Vaitkūnienė, J., Fiodorova, I., Genevičius, K., & Tumkevičius, S. et al. (2022). Temporal dynamics of solid-state thermally activated delayed fluorescence: disorder or ultraslow solvation? <i>Journal of physical chemistry letters</i> , vol. 13(no. 7), p. 1839-1844. doi: 10.1021/acs.jpcllett.1c03810	N 002 (60), N 003 (40)	11.2.	VU (8,07)
98.	VU (0,5)	5559273	Jurčiukonis, D., & Lavoura, L. (2022). Two-body lepton-flavour-violating decays in a 2HDM with soft family-lepton-number breaking. <i>Journal of high energy physics</i> , vol. 3, p. [1-54]. doi: 10.1007/JHEP03(2022)106	N 002 (100)	11.2.	VU (7,933)
99.	KTU (0,5); VU (0,3333)	5559292	Daskeviciute-Geguziene, S., Magomedov, A., Daskeviciene, M., Genevičius, K., Nekrašas, N., & Jankauskas, V. et al. (2022). Cross-linkable carbazole-based hole transporting materials for perovskite solar cells. <i>Chemical communications</i> , vol. 58(iss. 54), p. 7495-7498. doi: 10.1039/D2CC02612K	N 002 (40), N 003 (60)	11.2.	KTU (4,93); VU (3,286)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
100.	VU (1)	5559354	Poškus, A. (2022). BREMS: Partial-wave calculation of spectra and angular distributions of electron-atom bremsstrahlung at electron energies less than 30 MeV (New Version Announcement). <i>Computer physics communications</i> , vol. 278, p. 1-2. doi: 10.1016/j.cpc.2022.108414	N 002 (100)	11.2.	VU (12,725)
101.	VU (1)	5559415	Balachninaite, O., Skruibis, J., Matijošius, A., & Vaičaitis, V. (2022). Temporal and spatial properties of plasma induced by infrared femtosecond laser pulses in air. <i>Plasma sources science and technology</i> , vol. 31(iss. 4), p. [1-7]. doi: 10.1088/1361-6595/ac5c62	N 002 (100)	11.2.	VU (10,867)
102.	VU (0,75)	5559781	Šimėnas, M., Balčiūnas, S., Mączka, M., & Banyś, J. (2022). Phase transition model of FA cation ordering in FAPbX ₃ (X = Br, I) hybrid perovskites. <i>Journal of materials chemistry C</i> , vol. 10(no. 13), p. 5210-5217. doi: 10.1039/d2tc00559j	N 002 (100)	11.2.	VU (10,198)
103.	VU (0,4583)	5559825	Kontenis, G., Gailevičius, D., Jiménez, N., & Staliūnas, K. (2022). Optical drills by dynamic high-order bessel beam mixing. <i>Physical review applied</i> , vol. 17(no. 3), p. [1-7]. doi: 10.1103/PhysRevApplied.17.034059	N 002 (100)	11.2.	VU (8,275)
104.	VU (0,8667)	5559855	Tautvaišienė, G., Mikolaitis, Š., Drazdauskas, A., Stonkutė, E., Minkevičiūtė, R., & Pakštienė, E. et al. (2022). Chemical composition of bright stars in the northern hemisphere: star- planet connection. <i>Astrophysical journal supplement series</i> , vol. 259(iss. 2), p. [1-13]. doi: 10.3847/1538-4365/ac50b5	N 008 (100)	11.2.	VU (18,678)
105.	VU (1)	5560630	Raišys, S., Juršėnas, S., & Kazlauskas, K. (2022). Boost in solid- state photon upconversion efficiency through combined approach of melt- processing and purification. <i>Solar RRL</i> , vol. 6 (iss. 6), p. [1-9]. doi: 10.1002/solr.202100873	N 002 (50)	11.2.	VU (5,251)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
106.	KTU (1)	5566203	Butkevičiūtė, E., Bikulčienė, L., & Blažauskas, T. (2022). The unsupervised pattern recognition for the ECG signal features detection. <i>Biomedical signal processing and control</i> , vol. 78, p. 1- 10. doi: 10.1016/j.bspc.2022.103947	N 009 (50)	11.2.	KTU (4,306)
107.	KTU (1)	5566241	Paulauskaite-Taraseviciene, A., Raudonis, V., & Sutiene, K. (2022). Forecasting municipal solid waste in Lithuania by incorporating socioeconomic and geographical factors. <i>Waste management</i> , vol. 140, p. 31-39. doi: 10.1016/j.wasman.2022.01.004	N 001 (30), N 009 (40)	11.2.	KTU (7,13)
108.	LSMU (0,5); LAMMC (0,2); KU (0,1); VDU (0,1)	5566900	Tolpežnikaitė, E., Starkutė, V., Zokaitytė, E., Ružauskas, M., Pilkaitytė, R., & Viškelis, P. et al. (2022). Effect of solid-state fermentation and ultrasonication processes on antimicrobial and antioxidant properties of algae extracts. <i>Frontiers in nutrition</i> , vol. 9, p. 1-19. doi: 10.3389/fnut.2022.990274	N 010 (20)	11.2.	LSMU (1,183); LAMMC (0,473); KU (0,237); VDU (0,237)
109.	LAMMC (0,5); LSMU (0,5)	5566955	Viršilė, A., Samuolienė, G., Laužikė, K., Šipailaitė, E., Balion, Z., & Jekabsone, A. (2022). Species-specific plant-derived nanoparticle characteristics. <i>Plants-Basel</i> , vol. 11(iss. 22), p. 1-11. doi: 10.3390/plants11223139	N 010 (50)	11.2.	LAMMC (2,331); LSMU (2,331)
110.	FTMC (0,4286); LAMMC (0,2857); GTC (0,1429); VU (0,1429)	5570289	Žalnėravičius, R., Paškevičius, A., Samukaitė-Bubnienė, U., Ramanavičius, S., Vilkienė, M., & Mockevičienė, I. et al. (2022). Microbial fuel cell based on nitrogen-fixing <i>Rhizobium anhuiense</i> bacteria. <i>Biosensors</i> , vol. 12(iss. 2), p. 1-15. doi: 10.3390/bios12020113	N 003 (60), N 012 (10)	11.2.	FTMC (2,66); LAMMC (1,773); GTC (0,887); VU (0,887)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
111.	LAMMC (0,5); VDU (0,25)	5570555	Šėžienė, V., Lučinskaitė, I., Mildažienė, V., Ivankov, A., Koga, K., & Shiratani, M. et al. (2022). Changes in content of bioactive compounds and antioxidant activity induced in needles of different half-sib families of Norway spruce (<i>Picea abies</i> (L.) H. Karst) by seed treatment with cold plasma. <i>Antioxidants</i> , vol. 11 (iss. 8), p. 1-18. doi: 10.3390/antiox11081558	N 004 (40)	11.2.	LAMMC (3,775); VDU (1,888)
112.	VU (1)	5570605	Adomaitis, M., Skujienė, G., & Račinskas, P. (2022). Reducing the application rate of molluscicide pellets for the invasive Spanish slug, <i>Arion vulgaris</i> . <i>Insects: Special issue: Biology and management of slug and snail pests</i> , vol. 13(iss. 3), p. [1-13]. doi: 10.3390/insects13030301	N 014 (100)	11.2.	VU (11,13)
113.	VDU (0,6); KTU (0,2); LAMMC (0,2)	5570615	Adaškevičiūtė, V., Kaškonienė, V., Barčauskaitė, K., Kaškonas, P., & Maruška, A. (2022). The impact of fermentation on bee pollen polyphenolic compounds composition. <i>Antioxidants</i> , vol. 11(iss. 4), p. 1-16. doi: 10.3390/antiox11040645	N 004 (60)	11.2.	VDU (3,923); KTU (1,308); LAMMC (1,308)
114.	FTMC (0,5789); LEI (0,2105); LAMMC (0,1579); VU (0,0526)	5570707	Byčenkienė, S., Pashneva, D., Uogintė, I., Pauraitė-Dudek, J., Minderytė, A., & Davulienė, L. et al. (2022). Evaluation of the anthropogenic black carbon emissions and deposition on Norway spruce and silver birch foliage in the Baltic region. <i>Environmental research</i> , vol. 207, p. 1-10. doi: 10.1016/j.envres.2021.112218	N 002 (60)	11.2.	FTMC (6,043); LEI (2,197); LAMMC (1,648); VU (–)
115.	VU (0,6); FTMC (0,2)	5570804	Aleknavičienė, I., Pabrėža, E., Talaikis, M., Jankunec, M., & Račiukaitis, G. (2022). Low-cost SERS substrate featuring laser- ablated amorphous nanostructure. <i>Applied surface science</i> , vol. 571, p. 1-6. doi: 10.1016/j.apsusc.2021.151248	N 004 (80)	11.2.	VU (6,482); FTMC (2,161)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
116.	VU (0,9); VUL SK (0,1)	5571152	Alksnė, M., Kalvaitytė, M., Šimoliūnas, E., Gendvilienė, I., Barasa, P., & Rinkūnaitė, I. et al. (2022). Dental pulp stem cell-derived extracellular matrix: autologous tool boosting bone regeneration. <i>Cytotherapy</i> , vol. 24(no. 6), p. 597-607. doi: 10.1016/j.jcyt.2022.02.002	N 004 (40), N 010 (30)	11.2.	VU (4,503); VUL SK (0,5)
117.	VU (0,2222)	5571375	Andrade-Talavera, Y., Chen, G., Pansieri, J., Arroyo-García, L., Toleikis, Z., & Smirnovas, V. et al. (2022). S100A9 amyloid growth and S100A9 fibril-induced impairment of gamma oscillations in area CA3 of mouse hippocampus ex vivo is prevented by Bri2 BRICHOS. <i>Progress in neurobiology</i> , vol. 219, p. 1-13. doi: 10.1016/j.pneurobio.2022.102366	N 004 (40), N 010 (30)	11.2.	VU (3,286)
118.	VU (0,4333); FTMC (0,2333); LAMMC (0,2); LEI (0,1); VILNIUS TECH (0,0333)	5571451	Samukaitė-Bubnienė, U., Žukauskas, Š., Ratautaitė, V., Vilkenė, M., Mockevičienė, I., & Liustrovaitė, V. et al. (2022). Assessment of cytochrome c and chlorophyll a as natural redox mediators for enzymatic biofuel cells powered by glucose. <i>Energies</i> , vol. 15(iss. 18), p. 1-15. doi: 10.3390/en15186838	N 003 (40)	11.2.	VU (0,857); FTMC (0,462); LAMMC (0,396); LEI (0,198); VILNIUS TECH (0,066)
119.	VU (0,006)	5571483	Antonelli, A., Smith, R., Perrigo, A., Crottini, A., Hackel, J., & Testo, W. et al. (2022). Madagascar's extraordinary biodiversity: Evolution, distribution, and use. <i>Science</i> , vol. 378(no. 6623), p. [1-11]. doi: 10.1126/science.abf0869	N 012 (50), N 014 (50)	11.2.	VU (1,706)
120.	VU (0,6); LAMMC (0,4)	5571574	Čeksterytė, V., Kaupinis, A., Jaškūnė, K., Treigytė, G., & Navakauskienė, R. (2022). Characteristics of honey bee physiological proteins extracted from faba bean (<i>Vicia faba</i> L.) honey. <i>Journal of apicultural research</i> , p. 1-12. doi: 10.1080/00218839.2022.2070099	N 004 (60)	11.2.	VU (2,802); LAMMC (1,868)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
121.	VU (0,05)	5571648	Arroyo, E., Yassini, N., Sakiri, E., Russo, G., Bourgeois, S., & Mohebbi, N. et al. (2022). Alkali therapy protects renal function, suppresses inflammation, and improves cellular metabolism in kidney disease. <i>Clinical science</i> , vol. 136(no.8), p. 557-577. doi: 10.1042/CS20220095	N 010 (100)	11.2.	VU (1,164)
122.	VU (0,0714)	5571712	Ayatollahi, Z., Kazanaviciute, V., Shubchynskyy, V., Kvederavičiūtė, K., Schwanninger, M., & Rozhon, W. et al. (2022). Dual control of MAPK activities by AP2C1 and MKP1 MAPK phosphatases regulates defence responses in Arabidopsis. <i>Journal of experimental botany</i> , vol. 73(iss. 8), p. 2369-2384. doi: 10.1093/jxb/erac018	N 004 (30), N 010 (40)	11.2.	VU (2,292)
123.	VU (0,75); KTU (0,1667)	5571764	Balandis, B., Šimkūnas, T., Paketurytė-Latvė, V., Michailovienė, V., Mickevičiūtė, A., & Manakova, E. et al. (2022). Beta and gamma amino acid-substituted benzenesulfonamides as inhibitors of human carbonic anhydrases. <i>Pharmaceuticals</i> , vol. 15(iss. 4), p. 1-31. doi: 10.3390/ph15040477	N 003 (60), N 010 (40)	11.2.	VU (9,575); KTU (2,128)
124.	LSMU (0,1); VU (0,1)	5571811	Barbosa, M., Xavier, C., Pereira, R., Petrikaitė, V., & Vasconcelos, M. (2022). 3D cell culture models as recapitulators of the tumor microenvironment for the screening of anti-cancer drugs. <i>Cancers</i> , vol. 14(no. 1), p. [1-30]. doi: 10.3390/cancers14010190	N 004 (40), N 010 (30)	11.2.	LSMU (0,83); VU (0,83)
125.	VU (0,5); LAMMC (0,375); VDU (0,125)	5571913	Jurkšienė, G., Baliuckas, V., Naugžemys, D., & Žvingila, D. (2022). Chloroplast DNA polymorphism and morphometric characteristics of <i>Carpinus betulus</i> in the Lithuania forests. <i>Silva Fennica</i> , vol. 56 (no. 3), p. 1-14. doi: 10.14214/sf.10765	N 010 (50)	11.2.	VU (1,55); LAMMC (1,163); VDU (0,388)
126.	FTMC (0,1); VU (0,1)	5571927	Belko, N., Golubewa, L., Chizhevsky, V., Karuseichyk, S., Filimonenko, D., & Jankunec, M. et al. (2022). Hysteresis and stochastic fluorescence by aggregated ensembles of graphene quantum dots. <i>Journal of physical chemistry C</i> , vol. 126(iss. 25), p. 10469-10477. doi: 10.1021/acs.jpcc.2c02472	N 002 (50), N 004 (50)	11.2.	FTMC (1,288); VU (1,288)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
127.	LAMMC (0,6); GTC (0,4)	5571971	Duchovskienė, L., Bernotienė, R., Valiuškaitė, A., Survilienė, E., & Rimšaitė, J. (2022). Genetic variation of onion thrips (Thrips tabaci Lindeman, Thysanoptera Thripidae) populations in Lithuania and their link with host plants. <i>Acta Scientiarum Polonorum Hortorum Cultus</i> , vol. 21(no. 6), p. 59-65. doi: 10.24326/asphc.2022.6.5	N 014 (40)	11.00	LAMMC (–); GTC (–)
128.	VU (0,7); VILNIUS TECH (0,2)	5571998	Bikmurzin, R., Bandzevičiūtė, R., Maršalka, A., Maneikis, A., & Kalėdienė, L. (2022). FT-IR method limitations for β-glucan analysis. <i>Molecules</i> , vol. 27(iss.14), p. 1-14. doi: 10.3390/molecules27144616	N 002 (30), N 003 (30), N 010 (40)	11.2.	VU (5,007); VILNIUS TECH (1,43)
129.	VU (0,8)	5572027	Bilvinaitė, G., Žongolavičiūtė, R., Drukteinis, S., Bukelskienė, V., & Cotti, E. (2022). Cytotoxicity and efficacy in debris and smear layer removal of HOCl-based irrigating solution: an in vitro study. <i>Journal of functional biomaterials</i> , vol. 13(iss. 3), p. [1-11]. doi: 10.3390/jfb13030095	N 010 (20)	11.2.	VU (1,771)
130.*	VU (0,1667)	5572074	Bjekić, J., Paunovic, D., Živanović, M., Stanković, M., Griškova-Bulanova, I., & Filipović, S. (2022). Determining the individual theta frequency for associative memory targeted personalized transcranial brain stimulation. <i>Journal of personalized medicine</i> , vol. 12(no. 9), p. [1-12]. doi: 10.3390/jpm12091367	N 011 (100)	11.2	VU (1,532)
131.	VU (0,5); GTC (0,125)	5572115	Bobrov, A., Butkuvienė, J., Chemeris, E., Patamsytė, J., Lambertini, C., & Aučina, A. et al. (2022). Extensive hybridization in Ranunculus section Batrachium (Ranunculaceae) in rivers of two postglacial landscapes of East Europe. <i>Scientific reports</i> , vol. 12(iss. 1), p. 1-15. doi: 10.1038/s41598-022-16224-0	N 010 (90), N 013 (10)	11.2.	VU (6,472); GTC (1,618)

* Eilutės Nr. 130 pakeitimai: Nr. [V-603](#), 2023-10-27.

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
132.	VU (0,625); VUL SK (0,375)	5572136	Borutinskaitė, V., Žučėnka, A., Vitkevičienė, A., Stoškus, M., Kaupinis, A., & Valius, M. et al. (2022). Genetic and epigenetic signatures in acute promyelocytic leukemia treatment and molecular remission. <i>Frontiers in genetics</i> , vol. 13, p. [1-13]. doi: 10.3389/fgene.2022.821676.s003	N 004 (30), N 010 (30)	11.2.	VU (3,062); VUL SK (1,838)
133.	VU (0,0217)	5572203	Brito, A., Semenova, E., Dudas, G., Hassler, G., Kalinich, C., & Kraemer, M. et al. (2022). Global disparities in SARS-CoV-2 genomic surveillance. <i>Nature communications</i> , vol. 13(no. 1), p. [1-13]. doi: 10.1038/s41467-022-33713-y	N 004 (40), N 010 (30)	11.2.	VU (1,892)
134.	VU (1)	5572641	Buchovec, I., Klimkaitė, L., Sužiedėlienė, E., & Bagdonas, S. (2022). Inactivation of opportunistic pathogens <i>Acinetobacter baumannii</i> and <i>Stenotrophomonas maltophilia</i> by antimicrobial photodynamic therapy. <i>Microorganisms</i> , vol. 10(iss. 3), p. [1-13]. doi: 10.3390/microorganisms10030506	N 002 (30), N 010 (30), N 011 (40)	11.2.	VU (7,626)
135.	LSMU (0,0741)	5572715	Burkauskas, J., Fineberg, N., Ioannidis, K., Chamberlain, S., Bowden-Jones, H., & Griškova-Bulanova, I. et al. (2022). Online behaviours during the COVID-19 pandemic and their associations with psychological factors: an international exploratory study. <i>International journal of environmental research and public health</i> , vol. 19(iss. 14), p. [1-18]. doi: 10.3390/ijerph19148823			LSMU (kt)
136.	VU (0,6); GTC (0,4)	5572750	Butkuvienė, J., Kamaitytė-Bukelskienė, L., Naugžemys, D., Patamsytė, J., & Sinkevičienė, Z. (2022). First records and molecular confirmation of invasive species <i>Elodea nuttallii</i> (Planch.) H.St.John, 1920 in Lithuania. <i>BioInvasions records</i> , vol. 11(iss. 4), p. 1019-1030. doi: 10.3391/bir.2022.11.4.20	N 010 (60), N 013 (40)	11.2.	VU (2,79); GTC (1,86)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
137.	GTC (0,7); VU (0,3)	5572801	Butrimienė, R., Kalnaitytė, A., Januškaitė, E., Bagdonas, S., Jurgelėnė, Ž., & Butkauskas, D. et al. (2022). Interactions of semiconductor Cd-based quantum dots and Cd ²⁺ with gut bacteria isolated from wild <i>Salmo trutta</i> fry. <i>PeerJ</i> , vol. 10, p. 1- 22. doi: 10.7717/peerj.14025/supp-6	N 002 (50), N 012 (50)	11.2.	GTC (3,238); VU (1,388)
138.	VU (0,0333)	5572913	Cascino, P., Nevone, A., Piscitelli, M., Scopelliti, C., Girelli, M., & Mazzini, G. et al. (2022). Single-molecule real-time sequencing of the M protein: Toward personalized medicine in monoclonal gammopathies. <i>American journal of hematology</i> , vol. 97(no. 11), p. e389-e392. doi: 10.1002/ajh.26684	N 010 (100)	11.2.	VU (1,812)
139.	LSMU (0,0682); VU (0,0455)	5573249	Cataldo, I., Burkauskas, J., Dores, A., Carvalho, I., Simonato, P., & De Luca, I. et al. (2022). An international cross-sectional investigation on social media, fitspiration content exposure, and related risks during the COVID-19 self-isolation period. <i>Journal of psychiatric research</i> , vol. 148, p. 34-44. doi: 10.1016/j.jpsychires. 2022.01.032	N 011 (50)	11.2.	LSMU (1,106); VU (0,737)
140.	VU (0,0185)	5573559	Chan, J., Zaidi, S., Love, J., Zhao, J., Setty, M., & Wadosky, K. et al. (2022). Lineage plasticity in prostate cancer depends on JAK/STAT inflammatory signaling. <i>Science</i> , vol. 377(iss. 6611), p. 1180-1191. doi: 10.1126/science.abn0478	N 004 (40), N 010 (30)	11.2.	VU (1,661)
141.	VU (0,125)	5573600	Chiciudean, I., Russo, G., Bogdan, D., Levei, E., Faur, L., & Hillebrand-Voiculescu, A. et al. (2022). Competition-cooperation in the chemoautotrophic ecosystem of Movile Cave: first metagenomic approach on sediments. <i>Environmental microbiome</i> , vol. 17, p. [1-18]. doi: 10.1186/s40793-022-00438-w	N 010 (100)	11.2.	VU (3,834)
142.	NVI (0,1667)	5576247	Dadashzadeh, A., Moghassemi, S., Grubliauskaitė, M., Vlieghe, H., Brusa, D., & Amorim, C. (2022). Medium supplementation can influence the human ovarian cells in vitro. <i>Journal of Ovarian Research</i> , 15(1), p. 48-63. doi: 10.1186/s13048-022-01081-2	N 010 (100)	11.2.	NVI (2,357)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
143.	LSMU (0,9286); NVI (0,0714)	5576284	Diržiuvienė, R., Šlekienė, L., Palubinskienė, J., Balnytė, I., Lasienė, K., & Stakišaitis, D. et al. (2022). Tumors derived from lung cancer cells respond differently to treatment with sodium valproate (a HDAC inhibitor) in a chicken embryo chorioallantoic membrane model. <i>Histology and Histopathology</i> , 37(12), p. 1201-1212. doi: 10.14670/HH-18-482	N 010 (50)	11.2.	LSMU (2,053); NVI (0,158)
144.	NVI (0,7); VU (0,3)	5576332	Žalimas, A., Kubiliūtė, R., Žukauskaitė, K., Sabaliauskaitė, R., Trakymas, M., & Letautienė, S. et al. (2022). Urine Molecular Biomarkers for Detection and Follow-Up of Small Renal Masses. <i>International Journal of Molecular Sciences</i> , 23(24), p. 624-634. doi: 10.3390/ijms232416110	N 010 (50)	11.2.	NVI (2,896); VU (1,241)
145.	VU (0,5)	5577017	Butkevičius, M., Gurevičienė, V., Razumienė, J., Laurynėnas, A., & Dagys, M. (2022). <i>EP EP22197010.6</i> . European Patent Office.	N 004 (100)	11.00	VU (–)
146.	VU (1)	5577058	Laurynėnas, A., Tetianec, L., Bratkovskaja, I., Časaitė, V., Stankevičiūtė, J., & Meškys, R. et al. (2022). <i>EP EP22154819.1..</i> European Patent Office.	N 004 (100)	11.3.	VU (10)
147.	VU (0,75); FTMC (0,25)	5577099	Dudkaitė, V., & Bagdžiūnas, G. (2022). Functionalization of glucose oxidase in organic solvent: towards direct electrical communication across enzyme-electrode interface. <i>Biosensors</i> , vol. 12(iss. 5), p. [1-12]. doi: 10.3390/bios12050335	N 002 (30), N 003 (30), N 004 (40)	11.2.	VU (6,65); FTMC (2,217)
148.	VU (1)	5577166	Gabriūnaitė, I., Valinčius, G., Žilinskas, A., & Valiūnienė, A. (2022). Tethered bilayer membrane formation on silanized fluorine doped tin oxide surface. <i>Journal of the electrochemical society</i> , vol. 169(art. no. 037515), p. [1-7]. doi: 10.1149/1945-7111/ac5c96	N 003 (50), N 004 (50)	11.2.	VU (6,682)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
149.	VU (0,0333)	5578811	García-Blanco, A., Domingo-Rodriguez, L., Cabana-Domínguez, J., Fernández-Castillo, N., Pineda-Cirera, L., & Mayneris-Perxachs, J. et al. (2022). miRNA signatures associated with vulnerability to food addiction in mice and humans. <i>The journal of clinical investigation</i> , vol. 132(iss. 10), p. [1-16]. doi: 10.1172/JCI156281	N 004 (50), N 010 (50)	11.2.	VU (2,63)
150.	VU (1)	5578848	Juškauskas, A., Zajančauskaitė, A., Meškys, R., Ger, M., Kaupinis, A., & Valius, M. et al. (2022). Interaction between phage T4 protein RIII and host ribosomal protein S1 inhibits endoribonuclease RegB activation. <i>International journal of molecular sciences</i> , vol. 23(iss. 16), p. [1-18]. doi: 10.3390/ijms23169483	N 004 (50), N 010 (50)	11.2.	VU (8,274)
151.	VU (0,875); FTMC (0,125)	5578939	Kupčinskaitė, E., Tutkus, M., Kopūstas, A., Ašmontas, S., Jankunec, M., & Zaremba, M. et al. (2022). Disarming of type I-F CRISPR-Cas surveillance complex by anti-CRISPR proteins AcrIF6 and AcrIF9. <i>Scientific reports</i> , vol. 12, p. 1-14. doi: 10.1038/s41598-022-19797-y	N 002 (10), N 004 (90)	11.2.	VU (5,663); FTMC (0,809)
152.	VU (0,6667)	5578985	Lesanavičius, M., Boucher, J., & Čėnas, N. (2022). Reactions of recombinant neuronal nitric oxide synthase with redox cycling xenobiotics: a mechanistic study. <i>International journal of molecular sciences</i> , vol. 23(no. 2), p. [1-15]. doi: 10.3390/ijms23020980	N 004 (100)	11.2.	VU (7,801)
153.	VU (0,6667)	5578997	Lesanavičius, M., Seo, D., & Čėnas, N. (2022). Thioredoxin reductase-type ferredoxin: NADP ⁺ oxidoreductase of <i>Rhodopseudomonas palustris</i> : potentiometric characteristics and reactions with nonphysiological oxidants. <i>Antioxidants</i> , vol. 11 (iss. 5), p. [1-14]. doi: 10.3390/antiox11051000	N 004 (100)	11.2.	VU (10,275)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
154.	VU (0,6); GTC (0,4)	5579133	Makaras, T., Razumienė, J., Gurevičienė, V., Sauliutė, G., & Stankevičiūtė, M. (2022). Technical suitability and reliability of an in vivo and non-invasive biosensor-type glucose assessment as a potential biomarker for multiple stressors in fishes: an evaluation on Salmonids. <i>Environmental science and pollution research</i> , vol. 29, p. 41187-41206. doi: 10.1007/s11356-022-18546-y	N 004 (50), N 012 (50)	11.2.	VU (4,948); GTC (3,298)
155.	VU (0,025)	5579212	Mayneris-Perxachs, J., Arnoriaga-Rodríguez, M., Garre-Olmo, J., Puig, J., Ramos, R., & Trelis, M. et al. (2022). Presence of Blastocystis in gut microbiota is associated with cognitive traits and decreased executive function. <i>The ISME Journal</i> , vol. 16(iss. 9), p. 2181-2197. doi: 10.1038/s41396-022-01262-3	N 004 (50), N 010 (50)	11.2.	VU (1,908)
156.	VU (0,0263)	5579304	Mayneris-Perxachs, J., Castells-Nobau, A., Arnoriaga-Rodríguez, M., Garre-Olmo, J., Puig, J., & Ramos, R. et al. (2022). Caudovirales bacteriophages are associated with improved executive function and memory in flies, mice, and humans. <i>Cell host & microbe</i> , vol. 30(iss. 3), p. 340-356; e1-e8. doi: 10.1016/j.chom.2022.01.013	N 004 (50), N 010 (50)	11.2.	VU (3,18)
157.	VU (0,0161)	5579336	Mayneris-Perxachs, J., Castells-Nobau, A., Arnoriaga-Rodríguez, M., Martin, M., de la Vega-Correa, L., & Zapata, C. et al. (2022). Microbiota alterations in proline metabolism impact depression. <i>Cell metabolism</i> , vol. 34(iss. 5), p. 681-701; e1-e10. doi: 10.1016/j.cmet.2022.04.001	N 004 (50), N 010 (50)	11.2.	VU (1,818)
158.	VU (1)	5579628	Megur, A., Daliri, E., Baltriukienė, D., & Burokas, A. (2022). Prebiotics as a tool for the prevention and treatment of obesity and diabetes: classification and ability to modulate the gut microbiota. <i>International journal of molecular sciences</i> , vol. 23 (iss. 11), p. [1-31]. doi: 10.3390/ijms23116097	N 004 (50), N 010 (50)	11.2.	VU (8,274)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
159.	VU (1)	5579645	Miškinis, J., Ramonas, E., Gurevičienė, V., Razumienė, J., Dagys, M., & Ratautas, D. (2022). Capacitance-based biosensor for the measurement of total loss of L-amino acids in human serum during hemodialysis. <i>ACS sensors</i> , vol. 7(iss. 11), p. 3352-3359. doi: 10.1021/acssensors.2c01342	N 004 (100)	11.2.	VU (11,56)
160.	VU (0,5); VILNIUS TECH (0,2857); VUL SK (0,2143)	5579706	Navakauskienė, R., Baronaitė, S., Matuzevičius, D., Krasovskaja, N., Treigyte, G., & Arlauskienė, A. et al. (2022). Comparative proteomic assessment of normal vs. polyhydramnios amniotic fluid based on computational analysis. <i>Biomedicines: Perinatal- Related Pathology</i> , vol. 10(iss. 8), p. 1-21. doi: 10.3390/biomedicines10081821	N 004 (50)	11.2.	VU (2,065); VILNIUS TECH (1,18); VUL SK (0,885)
161.	VU (0,6); VDU (0,2)	5579758	Nečiporenko, A., Ivanauskas, F., Dabulytė-Bagdonavičienė, J., Povilaitis, A., & Laurinavičius, V. (2022). Nitrate removal in woodchip denitrification bioreactor – an approach combining mathematical modelling and PI control. <i>Journal of environmental engineering and landscape management</i> , vol. 30(iss. 1), p. 13- 21. doi: 10.3846/jeelm.2022.15295	N 001 (40), N 004 (30)	11.00	VU (–); VDU (–)
162.	VU (0,1)	5579831	Ofosu, F., Elahi, F., Daliri, E., Han, S., & Oh, D. (2022). Impact of thermal treatment and fermentation by lactic acid bacteria on sorghum metabolite changes, their antioxidant and antidiabetic activities. <i>Food bioscience</i> , vol. 45, p. [1-9]. doi: 10.1016/j.fbio. 2021.101502	N 004 (50), N 010 (50)	11.2.	VU (1,536)
163.	VU (0,3846); FTMC (0,1538)	5579848	Pakalniškis, A., Skaudžius, R., Zhaludkevich, D., Latushka, S., Sikolenko, V., & Sysa, A. et al. (2022). Pressure induced phase transitions in Sm-doped BiFeO ₃ in the morphotropic phase boundary. <i>Materials chemistry and physics</i> , vol. 277, p. [1-10]. doi: 10.1016/j.matchemphys.2021.125458	N 002 (40), N 003 (50), N 004 (10)	11.2.	VU (7,826); FTMC (3,13)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
164.	VU (0,0556)	5579894	Pozzobon, M., D'Agostino, S., Roubelakis, M., Cargnoni, A., Gramignoli, R., & Wolbank, S. et al. (2022). General consensus on multimodal functions and validation analysis of perinatal derivatives for regenerative medicine applications. <i>Frontiers in bioengineering and biotechnology</i> , vol. 10, p. [1-27]. doi: 10.3389/fbioe.2022.961987	N 004 (100)	11.2.	VU (1,676)
165.	VU (0,875); FTMC (0,125)	5579920	Radveikienė, I., Palinauskas, D., Ragauskaitė, E., & Bagdžiūnas, G. (2022). Self-assembled cyclodextrins-based nanostructures on indium-tin-oxide for a detection of catecholamine neurotransmitters. <i>Applied surface science</i> , vol. 600, p. 1-10. doi: 10.1016/j.apsusc.2022.154170	N 002 (10), N 003 (10), N 004 (80)	11.2.	VU (8,356); FTMC (1,193)
166.	VU (1)	5579938	Raila, T., Penkauskas, T., Ambrulevičius, F., Jankunec, M., Meškauskas, T., & Valinčius, G. (2022). AI-based atomic force microscopy image analysis allows to predict electrochemical impedance spectra of defects in tethered bilayer membranes. <i>Scientific reports</i> , vol. 12, p. 1-11. doi: 10.1038/s41598-022-04853-4	N 004 (60), N 009 (40)	11.2.	VU (6,472)
167.	VU (0,6); VILNIUS TECH (0,2)	5579966	Ramonas, E., Butkevičius, M., Shleev, S., Dagys, M., & Ratautas, D. (2022). Mechanistic characterization of an oxygen reduction reaction-driven, fully enzymatic and self-calibrating pH biosensor based on wired bilirubin oxidase. <i>Sensors and actuators B- chemical</i> , vol. 367, p. [1-18]. doi: 10.1016/j.snb.2022.132054	N 004 (70)	11.2.	VU (8,802); VILNIUS TECH (2,934)
168.	FTMC (0,3); VU (0,1)	5583125	Rehman, H., Golubewa, L., Basharin, A., Urbanovič, A., Lähderanta, E., & Soboleva, E. et al. (2022). Fragmented graphene synthesized on dielectric substrate for THz applications. <i>Nanotechnology</i> , vol. 33(iss. 39), p. 1-25. doi: 10.1088/1361-6528/ac7403	N 002 (40), N 003 (50), N 004 (10)	11.2.	FTMC (3,074); VU (1,024)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
169.	VU (0,7)	5583146	Rutkūnas, V., Borusevičius, R., Balčiūnas, E., Jašinskytė, U., Alksnė, M., & Šimoliūnas, E. et al. (2022). The effect of UV treatment on surface contact angle, fibroblast cytotoxicity, and proliferation with two types of zirconia-based ceramics. <i>International journal of environmental research and public health</i> , vol. 19(no. 17), p. [1-12]. doi: 10.3390/ijerph191711113	N 004 (40), N 010 (30)	11.00	VU (–)
170.	VU (1)	5583164	Šarlauskas, J., Stankevičiūtė, J., & Tamulienė, J. (2022). An efficient synthesis and preliminary investigation of novel 1,3- dihydro-2h- benzimidazol-2-one nitro and nitramino derivatives. <i>Materials</i> , vol. 15(iss. 23), p. [1-20]. doi: 10.3390/ma15238330	N 002 (50), N 004 (50)	11.2.	VU (5,962)
171.	VU (1)	5583199	Šarlauskas, J., & Tamulienė, J. (2022). Preparation and characterization of cationic energetic salts of 5-amino-3-[(2,4,6- trinitrophenyl)amino]- 1H-1,2,4-triazole (APATO). <i>Central European journal of energetic materials</i> , vol. 19(no. 3), p. 311- 325. doi: 10.22211/cejem/154973	N 002 (30), N 003 (40)	11.00	VU (–)
172.	VU (1)	5583215	Šarlauskas, J., Tulaitė, K., & Tamulienė, J. (2022). Investigation of oxygen influence to the optical properties of tirapazamine. <i>Journal of molecular modeling</i> , vol. 28, p. [1-8]. doi: 10.1007/s00894- 022-05085-z	N 002 (50), N 004 (50)	11.2.	VU (4,662)
173.	VU (0,4167)	5583229	Serapinas, S., Gineitytė, J., Butkevičius, M., Danilevičius, R., Dagys, M., & Ratautas, D. (2022). Biosensor prototype for rapid detection and quantification of DNase activity. <i>Biosensors and bioelectronics</i> , vol. 213, p. [1-25]. doi: 10.1016/j.bios. 2022.114475	N 004 (60), N 010 (20)	11.2.	VU (10,308)
174.	VU (0,3182); FTMC (0,0909); VILNIUS TECH (0,0455)	5583243	Shafaat, A., Žalnėravičius, R., Ratautas, D., Dagys, M., Meškys, R., & Rutkienė, R. et al. (2022). Glucose-to-resistor transduction integrated into a radio-frequency antenna for chip-less and battery-less wireless sensing. <i>ACS sensors</i> , vol. 7(no. 4), p. 1222- 1234. doi: 10.1021/acssensors.2c00394	N 004 (100)	11.2.	VU (5,202); FTMC (1,486); VILNIUS TECH (0,743)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
175.	VU (1); VUL SK (0,25)	5583262	Skliutė, G., Baušytė, R., Ramašauskaitė, D., & Navakauskienė, R. (2022). Characterization of epigenetic and molecular factors in endometrium of females with infertility. <i>Biomedicines</i> , vol. 10, p. [1-13]. doi: 10.3390/biomedicines10061324	N 004 (70)	11.2.	VU (5,782); VUL SK (–)
176.	VU (1)	5583274	Statkevičiūtė, R., Sadauskas, M., Rainytė, J., Kavaliauskaitė, K., & Meškys, R. (2022). Comparative analysis of mesophilic YqfB-type amidohydrolases. <i>Biomolecules</i> , vol. 12(no. 10), p. [1-12]. doi: 10.3390/biom12101492	N 004 (40), N 010 (30)	11.2.	VU (5,968)
177.	VU (1)	5583293	Tetianec, L., Bratkovskaja, I., Časaitė, V., Gurevičienė, V., Razumienė, J., & Stankevičiūtė, J. et al. (2022). Efficient Bi- enzymatic synthesis of aldonic acids. <i>Green chemistry</i> , vol. 24 (no. 12), p. [1-7]. doi: 10.1039/D2GC00823H	N 004 (40), N 010 (30), N 012 (30)	11.2.	VU (11,913)
178.	VU (0,9286); VUL SK (0,0714)	5583347	Vaigauskaitė, B., Baušytė, R., Valatkaitė, E., Skliutė, G., Kazėnaitė, E., & Ramašauskaitė, D. et al. (2022). Prognostic gene predictors of gestational diabetes in endometrium and follicular fluid of women after infertility. <i>Medicina</i> , vol. 58(no. 4), p. [1-12]. doi: 10.3390/medicina58040498	N 004 (60)	11.2.	VU (2,605); VUL SK (0,2)
179.	VU (0,9); VUL SK (0,1)	5583401	Vitkevičienė, A., Skliutė, G., Žučėnka, A., Borutinskaitė, V., & Navakauskienė, R. (2022). Potential prognostic markers for relapsed/refractory vs. responsive acute myeloid leukemia. <i>Cancers</i> , vol. 14(no. 11), p. [1-10]. doi: 10.3390/cancers14112752	N 004 (100)	11.2.	VU (7,547); VUL SK (0,839)
180.	VU (0,75)	5583646	Žalytė, E., & Cicėnas, J. (2022). Starvation mediates pancreatic cancer cell sensitivity to ferroptosis via ERK1/2, JNK and changes in the cell mesenchymal state. <i>International journal of molecular medicine</i> , vol. 49(no. 6), p. [1-14]. doi: 10.3892/ijmm.2022.5140	N 004 (50), N 010 (50)	11.2.	VU (9,28)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
181.	VU (0,8571)	5583684	Zinkevičiūtė, R., Ražanskas, R., Kaupinis, A., Macijauskaitė, N., Čiplys, E., & Houen, G. et al. (2022). Yeast secretes high amounts of human calreticulin without cellular stress. <i>Current issues in molecular biology</i> , vol. 44(iss. 5), p. 1768-1787. doi: 10.3390/cimb44050122	N 004 (40), N 010 (30)	11.2.	VU (4,818)
182.	VU (0,2)	5583818	Weitz, D., Klein, A., Akartuna, I., Mažutis, L., & Kirschner, M. (2022). <i>European Patent No. EP EP3456846B1</i> . Vokietijos Federacinė Respublika: European Patent Office.	N 004 (30), N 010 (30)	11.4.	VU (2,546)
183.	VU (0,6)	5583925	Fricke, T., Bochtler, M., Tamulaitis, G., Kazlauskienė, M., & Šikšnys, V. (2022). <i>U. S. Patent No. US US11274317B2</i> . Jungtinės Amerikos Valstijos: U. S. Patent and Trademark Office.	N 004 (40), N 010 (30)	11.4.	VU (10,912)
184.	VU (0,25)	5583951	Italiano, J., Mažutis, L., Thon, J., & Weitz, D. (2022). <i>U. S. Patent No. US US11396016B2</i> . Jungtinės Amerikos Valstijos: U. S. Patent and Trademark Office.	N 004 (30), N 010 (30)	11.4.	VU (3,898)
185.	VU (1)	5583969	Matulis, D., Čapkauskaitė, E., Zakšauskas, A., & Linkuvienė, V. (2022). <i>U. S. Patent No. US US11312682B2</i> . Jungtinės Amerikos Valstijos: U. S. Patent and Trademark Office.	N 004 (30), N 010 (30)	11.4.	VU (9)
186.	VU (0,625)	5583990	Mažutis, L., Stonytė, G., Kiseliovas, V., Žilionis, R., Janulaitis, A., & Galinis, R. et al. (2022). <i>U. S. Patent No. US US11326196B2</i> . Jungtinės Amerikos Valstijos: U. S. Patent and Trademark Office.	N 004 (30), N 010 (30)	11.4.	VU (7,954)
187.	VU (1)	5584018	Šikšnys, V., Gasiūnas, G., Karvelis, T., Lubys, A., Zaliauskienė, L., & Glemžaitė, M. et al. (2022). <i>Japan Patent No. JP7113877B2</i> . Japonija: Japan Patent Office.	N 004 (30), N 010 (30)	11.4.	VU (9)
188.	VU (0,5)	5584071	Deschamps, S., Šikšnys, V., Young, J., & Zaremba, M. (2022). <i>European Patent application EP EP3790993A4</i> . European Patent Office.	N 004 (40), N 010 (30)	11.00	VU (–)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
189.	VU (1)	5584101	Klimašauskas, S., Rakauskaitė, R., Urbanavičiūtė, G., Lasickienė, R., Simanavičius, M., & Žvirblienė, A. (2022). <i>European Patent application EP EP3943111A1</i> . European Patent Office.	N 004 (40), N 010 (30)	11.3.	VU (7)
190.	VU (0,875)	5584122	Mažutis, L., Stonytė, G., Leonavičius, K., & Želvytė, A. (2022). <i>European Patent application EP EP3986606A1</i> . European Patent Office.	N 004 (30), N 010 (30)	11.3.	VU (7,424)
191.	VU (1)	5584241	Žvirblis, G., Sližienė, A., Plečkaitytė, M., & Zaveckas, M. (2022). <i>European Patent application EP EP4056595A1</i> . European Patent Office.	N 004 (30), N 010 (30)	11.3.	VU (6)
192.	FTMC (0,0833); VU (0,0833)	5584464	Damalas, A., Vonkova, I., Tutkus, M., & Stamou, D. (2022). TGFβ-induced changes in membrane curvature influence Ras oncoprotein membrane localization. <i>Scientific reports</i> , vol. 12, p. 1-11. doi: 10.1038/s41598-022-17482-8	N 002 (100)	11.2.	FTMC (1,078); VU (1,078)
193.	VU (1)	5584476	Dapkūnas, J., & Margelevičius, M. (2022). The COMER web server for protein analysis by homology. <i>Bioinformatics, first on line</i> , p. [1-3]. doi: 10.1093/bioinformatics/btac807	N 004 (40), N 010 (30)	11.2.	VU (7,215)
194.	VU (0,0015)	5584579	Degenhardt, F., Ellinghaus, D., Juzėnas, S., Lerga-Jaso, J., Wendorff, M., & Maya-Miles, D. et al. (2022). Detailed stratified GWAS analysis for severe COVID-19 in four European populations. <i>Human molecular genetics, first on line</i> , p. [1-22]. doi: 10.1093/hmg/ddac158	N 004 (40), N 010 (30)	11.2.	VU (0,103)
195.	VU (0,2)	5585006	Garb, J., Lopatina, A., Bernheim, A., Zaremba, M., Šikšnys, V., & Melamed, S. et al. (2022). Multiple phage resistance systems inhibit infection via SIR2-dependent NAD ⁺ depletion. <i>Nature microbiology</i> , vol. 7(iss. 11), p. 1849-1856. doi: 10.1038/s41564-022-01207-8	N 004 (40), N 010 (30)	11.2.	VU (10,465)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
196.	VU (1)	5585064	Gedgaudas, M., Baronas, D., Kazlauskas, E., Petrauskas, V., & Matulis, D. (2022). Thermott: A comprehensive online tool for protein-ligand binding constant determination. <i>Drug discovery today</i> , vol. 27(iss. 8), p. 2076-2079. doi: 10.1016/j.drudis.2022.05.008	N 004 (40), N 010 (30)	11.2.	VU (9,282)
197.	VU (0,5); GTC (0,25)	5585672	Iršėnaitė, R., Kutorga, E., Kvederavičiūtė, K., & Naujalis, J. (2022). <i>Tricholoma joachimii</i> (Tricholomataceae, Basidiomycota), a rare European species new for the eastern Baltic region. <i>Nova Hedwigia</i> , vol. 114(iss. 1-2), p. 77-89. doi: 10.1127/nova_hedwigia/2022/0674	N 010 (50), N 013 (50)	11.00	VU (–); GTC (–)
198.	VU (0,7143)	5585715	Jakubkienė, V., Valiulis, G., Schweipert, M., Zubrienė, A., Matulis, D., & Meyer-Almes, F. et al. (2022). Synthesis and HDAC inhibitory activity of pyrimidine-based hydroxamic acids. <i>Beilstein journal of organic chemistry</i> , vol. 18, p. 837-844. doi: 10.3762/bjoc.18.84	N 003 (100)	11.2.	VU (6,916)
199.	VU (0,3333)	5585730	Jänsch, N., Frühauf, A., Schweipert, M., Debarnot, C., Erhardt, M., & Brenner-Weiss, G. et al. (2022). 3-Chloro-5-substituted-1,2,4-thiadiazoles (TDZs) as selective and efficient protein thiol modifiers. <i>ChemBioChem</i> , vol. 23(no. 21), p. [1-6]. doi: 10.1002/cbic.202200417	N 004 (40), N 010 (30)	11.2.	VU (2,426)
200.	VU (0,0417)	5585818	Jiang, Z., El-Brolosy, M., Serobyany, V., Welker, J., Retzer, N., & Dooley, C. et al. (2022). Parental mutations influence wild-type offspring via transcriptional adaptation. <i>Science advances</i> , vol. 8 (iss. 47), p. [1-13]. doi: 10.1126/sciadv.abj2029	N 004 (40), N 010 (30)	11.2.	VU (0,992)
201.	VU (0,3125)	5585937	Jozeliūnaitė, A., Rahmanudin, A., Gražulis, S., Baudat, E., Sivula, K., & Fazzi, D. et al. (2022). Light-responsive oligothiophenes incorporating Photochromic Torsional Switches (PTS). <i>Chemistry - a European journal</i> , vol. 28(iss. 65), p. [1-10]. doi: 10.1002/chem.202202698	N 003 (50), N 004 (50)	11.2.	VU (3,976)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
202.	VU (0,1667)	5585978	Juran, C., Žvirblytė, J., & Almeida, E. (2022). Differential single cell responses of embryonic stem cells versus embryoid bodies to gravity mechanostimulation. <i>Stem cells and development</i> , vol. 31 (no. 13-14), p. 346-356. doi: 10.1089/scd.2022.0037	N 004 (40), N 010 (30)	11.2.	VU (1,468)
203.	LSMU (0,0435); VU (0,0217)	5586101	Juzėnas, S., Hübenthal, M., Lindqvist, C., Kruse, R., Steiert, T., & Degenhardt, F. et al. (2022). Detailed transcriptional landscape of peripheral blood points to increased neutrophil activation in treatment-naïve inflammatory bowel disease. <i>Journal of Crohn's & colitis</i> , vol. 16(iss. 7), p. 1097-1109. doi: 10.1093/ecco-jcc/jjac003	N 004 (40), N 010 (30)	11.2.	LSMU (1,3); VU (0,651)
204.	VU (0,75)	5586168	Kalvaitytė, M., & Balčiūnas, D. (2022). Conditional mutagenesis strategies in zebrafish. <i>Trends in genetics</i> , vol. 38(iss. 8), p. 856- 868. doi: 10.1016/j.tig.2022.04.007	N 004 (50), N 010 (50)	11.2.	VU (22,274)
205.	VU (0,037)	5586323	Klitting, R., Kafetzopoulou, L., Thiery, W., Dudas, G., Gryseels, S., & Kotamathi, A. et al. (2022). Predicting the evolution of the Lassa virus endemic area and population at risk over the next decades. <i>Nature Communications</i> , vol. 13(iss. 1), p. [1-15]. doi: 10.1038/s41467-022-33112-3	N 004 (40), N 010 (30)	11.2.	VU (2,103)
206.	VU (0,2857)	5586422	Kyllesbech, C., Trier, N., Slibinskas, R., Čiplys, E., Tsakiri, A., & Frederiksen, J. et al. (2022). Virus-specific antibody indices may supplement the total IgG index in diagnostics of multiple sclerosis. <i>Journal of neuroimmunology</i> , vol. 367, p. [1-9]. doi: 10.1016/j.jneuroim.2022.577868	N 004 (40), N 010 (30)	11.2.	VU (2,23)
207.	VU (1)	5586472	Leonavičienė, G., & Mažutis, L. (2022). RNA cytometry of single- cells using semi-permeable microcapsules. <i>Nucleic acids research, first on line</i> , p. [1-16]. doi: 10.1093/nar/gkac918	N 004 (40), N 010 (30)	11.2.	VU (13,774)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
208.	VU (1)	5586488	Ličytė, J., Kvederavičiūtė, K., Rukšėnaitė, A., Godliauskaitė, E., Gibas, P., & Tomkutė, V. et al. (2022). Distribution and regulatory roles of oxidized 5-methylcytosines in DNA and RNA of the basidiomycete fungi <i>Laccaria bicolor</i> and <i>Coprinopsis cinerea</i> . <i>Open biology</i> , vol. 12(iss. 3), p. [1-16]. doi: 10.1098/rsob.210302	N 004 (40), N 010 (30)	11.2.	VU (6,217)
209.	VU (0,0471)	5586611	Li, G., Buric, F., Zrimec, J., Viknander, S., Nielsen, J., & Železnjak, A. et al. (2022). Learning deep representations of enzyme thermal adaptation. <i>Protein science</i> , vol. 31(no. 12), p. [1-14]. doi: 10.1002/pro.4480	N 004 (40), N 010 (30)	11.2.	VU (0,848)
210.	VU (1)	5586724	Linkuvienė, V., Zubrienė, A., & Matulis, D. (2022). Intrinsic affinity of protein - ligand binding by differential scanning calorimetry. <i>Biochimica et biophysica acta. Proteins and proteomics</i> , vol. 1870 (iss. 9), p. [1-10]. doi: 10.1016/j.bbapap.2022.140830	N 004 (40), N 010 (30)	11.2.	VU (4,27)
211.	VU (0,8333)	5586881	Lučiūnaitė, A., Dalgėdienė, I., Žilionis, R., Mašalaitė, K., Norkienė, M., & Šinkūnas, A. et al. (2022). Activation of NLRP3 inflammasome by virus-like particles of human polyomaviruses in macrophages. <i>Frontiers in immunology</i> , vol. 13, p. [1-23]. doi: 10.3389/fimmu.2022.831815	N 004 (30), N 010 (40)	11.2.	VU (7,942)
212.	VU (0,7321)	5587034	Matulienė, J., Žvinys, G., Petrauskas, V., Kvietkauskaitė, A., Zakšauskas, A., & Shubin, K. et al. (2022). Picomolar fluorescent probes for compound affinity determination to carbonic anhydrase IX expressed in live cancer cells. <i>Scientific reports</i> , vol. 12(iss. 1), p. [1-25]. doi: 10.1038/s41598-022-22436-1	N 004 (40), N 010 (30)	11.2.	VU (8,125)
213.	VU (1)	5587104	Mikalauskaitė, K., Žiaunys, M., & Smirnovas, V. (2022). Lysozyme amyloid fibril structural variability dependence on initial protein folding state. <i>International journal of molecular sciences</i> , vol. 23 (iss. 10), p. [1-13]. doi: 10.3390/ijms23105421	N 004 (40), N 010 (30)	11.2.	VU (5,792)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
214.	VU (0,0278)	5587172	Moitinho-Silva, L., Degenhardt, F., Rodriguez, E., Emmert, H., Juzėnas, S., & Möbus, L. et al. (2022). Host genetic factors related to innate immunity, environmental sensing and cellular functions are associated with human skin microbiota. <i>Nature Communications</i> , vol. 13(no. 1), p. [1-12]. doi: 10.1038/s41467- 022-33906-5	N 004 (40), N 010 (30)	11.2.	VU (0,789)
215.	VU (0,125)	5587210	Mughal, F., Bergmann, A., Huynh, H., Jørgensen, S., Mansha, I., & Kesmez, M. et al. (2022). Production and characterization of peptide antibodies to the C-terminal of frameshifted calreticulin associated with myeloproliferative diseases. <i>International journal of molecular sbciences</i> , vol. 23(no. 12), p. [1-21]. doi: 10.3390 /ijms23126803	N 004 (40), N 010 (30)	11.2.	VU (2,048)
216.	LSMU (0,1154); VU (0,0385)	5587272	Mykhailenko, O., Petrikaitė, V., Korinek, M., Chang, F., El-Shazly, M., & Yen, C. et al. (2022). Pharmacological potential and chemical composition of <i>Crocus sativus</i> leaf extracts. <i>Molecules</i> , vol. 27(no. 1), p. [1-17]. doi: 10.3390/molecules27010010	N 004 (40), N 010 (30)	11.2.	LSMU (2,083); VU (0,695)
217.	VU (0,1667)	5587403	Nagaraj, M., Najarzadeh, Z., Pansieri, J., Biverstal, H., Musteikytė, G., & Smirnovas, V. et al. (2022). Chaperones mainly suppress primary nucleation during formation of functional amyloid required for bacterial biofilm formation. <i>Chemical science</i> , vol. 13 (no. 2), p. [1-18]. doi: 10.1039/d1sc05790a	N 004 (40), N 010 (30)	11.2.	VU (3,248)
218.	VU (0,0091)	5587450	Neri, U., Wolf, Y., Roux, S., Camargo, A., Lee, B., & Kazlauskas, D. et al. (2022). Expansion of the global RNA virome reveals diverse clades of bacteriophages. <i>Cell</i> , vol. 185(iss. 21), p. 4023-4037, e1-e18. doi: 10.1016/j.cell.2022.08.023	N 004 (30), N 010 (40)	11.2.	VU (1,5)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
219.	VU (0,125)	5587587	Paškevičius, Š., Dapkutė, V., Misiūnas, A., Balzaris, M., Thommes, P., & Sattar, A. et al. (2022). Chimeric bacteriocin S5-PmnH engineered by domain swapping efficiently controls <i>Pseudomonas aeruginosa</i> infection in murine keratitis and lung models. <i>Scientific reports</i> , vol. 12(iss. 1), p. [1-14]. doi: 10.1038/s41598-022-09865-8	N 004 (40), N 010 (30)	11.2.	VU (1,132)
220.	VU (0,1667)	5587658	Paškevičius, Š., Gleba, Y., & Ražanskienė, A. (2022). Stenocins: Novel modular bacteriocins from opportunistic pathogen <i>Stenotrophomonas maltophilia</i> . <i>Journal of biotechnology</i> , vol. 351, p. 9-12. doi: 10.1016/j.jbiotec.2022.04.006	N 004 (40), N 010 (30)	11.2.	VU (1,458)
221.	FTMC (0,5714); VU (0,4286)	5588837	Abdelrazik, L., Jašinskas, V., Podlipskas, Ž., Aleksiejūnas, R., Tamulaitis, G., & Gulbinas, V. et al. (2022). Exciton transfer dynamics and annihilation in rubidium–cesium–alloyed, quasi- two-dimensional perovskite. <i>Photonics</i> , vol. 9(iss. 8), p. 1-12. doi: 10.3390/photonics9080578	N 002 (100)	11.2.	FTMC (3,81); VU (2,857)
222.	FTMC (1)	5588894	Adomaitienė, E., Bumelienė, S., & Tamaševičius, A. (2022). Controlling synchrony in an array of the globally coupled FitzHugh–Nagumo type oscillators. <i>Physics letters A</i> , vol. 431, p. 1-5. doi: 10.1016/j.physleta.2022.127989	N 002 (100)	11.2.	FTMC (6,55)
223.	FTMC (0,0714)	5588935	Ahmed, E., Zeitoun, A., Hamad, G., Zeitoun, M., Taha Abdelhamid Alfa, A., & Korma, S. et al. (2022). Lignocellulosic biomasses from agricultural wastes improved the quality and physicochemical properties of frying oils. <i>Foods</i> , vol. 11(iss. 19), p. 1-16. doi: 10.3390/foods11193149	N 002 (100)	11.2.	FTMC (1,552)
224.	VU (0,6667); FTMC (0,3333)	5588953	Andriukonis, E., Reinikováitė, V., & Ramanavičius, A. (2022). Comparative study of polydopamine and polypyrrole modified yeast cells applied in biofuel cell design. <i>Sustainable energy and fuels</i> , vol. 6(iss. 18), p. 4209-4217. doi: 10.1039/D2SE00634K	N 003 (100)	11.2.	VU (5,212); FTMC (2,606)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
225.	VUL SK (0,5); KTU (0,3333); FTMC (0,0833); VU (0,0833)	5588973	Andriulevičiūtė, I., Skovorodko, K., Adlienė, D., Laurikaitienė, J., Bielinis, A., & Gricienė, B. (2022). Assessment of extremity exposure to technologists working manually with 99mTc-labelled radiopharmaceuticals and with an automatic injection system for 18F-FDG. <i>Journal of radiological protection</i> , vol. 42(iss. 3), p. 1-8. doi: 10.1088/1361-6498/ac89f9	N 002 (40)	11.2.	VUL SK (0,835); KTU (0,556); FTMC (0,139); VU (0,139)
226.	VU (1)	5592619	Pečiulienė, I., Jakubauskienė, E., Vilys, L., Zinkevičiūtė, R., Kvederavičiūtė, K., & Kanopka, A. (2022). Short-term hypoxia in cells induces expression of genes which are enhanced in stressed cells. <i>Genes</i> , vol. 13(iss. 9), p. [1-15]. doi: 10.3390/genes13091596	N 004 (40), N 010 (30)	11.2.	VU (5,483)
227.	VU (0,4286)	5592639	Peña-Gómez, M., Moreno-Gordillo, P., Narmontė, M., García- Calderón, C., Rukšėnaitė, A., & Klimašauskas, S. et al. (2022). FANCD2 maintains replication fork stability during misincorporation of the DNA demethylation products 5- hydroxymethyl-2'-deoxycytidine and 5-hydroxymethyl-2'- deoxyuridine. <i>Cell death & disease</i> , vol. 13(iss. 5), p. [1-11]. doi: 10.1038/s41419-022-04952-0	N 004 (40), N 010 (30)	11.2.	VU (4,275)
228.	VU (1)	5592681	Petrauskas, K., Merkys, A., Vaitkus, A., Laibinis, L., & Gražulis, S. (2022). Proving the correctness of the algorithm for building a crystallographic space group. <i>Journal of applied crystallography</i> , vol. 55(no. 3), p. 515-525. doi: 10.1107/S1600576722003107	N 009 (100)	11.2.	VU (9,576)
229.	VU (0,8); FTMC (0,2)	5592693	Plikusienė, I., Mačiulis, V., Juciūtė, S., Ramanavičius, A., Balevičius, Z., & Slibinskas, R. et al. (2022). Investigation of SARS-CoV-2 nucleocapsid protein interaction with a specific antibody by combined spectroscopic ellipsometry and quartz crystal microbalance with dissipation. <i>Journal of colloid and interface science</i> , vol. 626, p. 113-122. doi: 10.1016/j.jcis. 2022.06.119	N 002 (30), N 003 (40)	11.2.	VU (6,295); FTMC (1,573)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
230.	VU (0,7778); FTMC (0,1111)	5592716	Ratautaitė, V., Bogužaitė, R., Brazys, E., Ramanavičienė, A., Čiplys, E., & Juozapaitis, M. et al. (2022). Molecularly imprinted polypyrrole based sensor for the detection of SARS-CoV-2 spike glycoprotein. <i>Electrochimica acta</i> , vol. 403, p. [1-7]. doi: 10.1016/j.electacta.2021.139581	N 003 (40), N 004 (30)	11.2.	VU (6,93); FTMC (0,99)
231.	VU (0,025)	5592739	Royer, C., Sandham, E., Slee, E., Schneider, F., Lagerholm, C., & Godwin, J. et al. (2022). ASPP2 maintains the integrity of mechanically stressed pseudostratified epithelia during morphogenesis. <i>Nature communications</i> , vol. 13(iss. 1), p. [1-19]. doi: 10.1038/s41467-022-28590-4	N 004 (40), N 010 (30)	11.2.	VU (0,777)
232.	VU (0,1875)	5592773	Rutkauskaitė, J., Berger, S., Stavrakis, S., Dressler, O., Heyman, J., & Casadevall I Solvas, X. et al. (2022). High-throughput single- cell antibody secretion quantification and enrichment using droplet microfluidics-based FRET assay. <i>iScience</i> , vol. 25(iss. 7), p. [1-19]. doi: 10.1016/j.isci.2022.104515	N 004 (40), N 010 (30)	11.2.	VU (2,005)
233.	FTMC (0,9167); VILNIUS TECH (0,0833)	5592820	Anulytė, J., Bužavaitė-Vertelienė, E., Vertelis, V., Stankevičius, E., Vilkevičius, K., & Balevičius, Z. (2022). Influence of a gold nano- bumps surface lattice array on the propagation length of strongly coupled Tamm and surface plasmon polaritons. <i>Journal of materials chemistry C</i> , vol. 10(iss. 36), p. 13234-13241. doi: 10.1039/d2tc02174a	N 002 (30)	11.2.	FTMC (2,644); VILNIUS TECH (0,24)
234.	FTMC (0,125)	5592837	Apostolakis, A., Balanov, A., Kusmartsev, F., & Alexeev, K. (2022). Beyond the ordinary acoustoelectric effect: Superluminal phenomena in the acoustic realm and phonon-mediated Bloch gain. <i>Physical review B</i> , vol. 106(iss. 1), p. 1-22. doi: 10.1103/PhysRevB.106.014312	N 002 (100)	11.2.	FTMC (1,772)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
235.	FTMC (1)	5592849	Ašmontas, S., Čerškus, A., Gradauskas, J., Grigučevičienė, A., Juškėnas, R., & Leinartas, K. et al. (2022). Photoelectric properties of planar and mesoporous structured perovskite solar cells. <i>Materials</i> , vol. 15(iss. 12), p. 1-14. doi: 10.3390/ma15124300	N 002 (60), N 003 (40)	11.2.	FTMC (5,963)
236.	FTMC (1)	5592904	Ašmontas, S., Čerškus, A., Gradauskas, J., Grigučevičienė, A., Juškėnas, R., & Leinartas, K. et al. (2022). Impact of cesium concentration on optoelectronic properties of metal halide perovskites. <i>Materials</i> , vol. 15(iss. 5), p. 1-16. doi: 10.3390/ma15051936	N 002 (50), N 003 (50)	11.2.	FTMC (5,962)
237.	FTMC (1)	5592986	Ašmontas, S., Gradauskas, J., Grigučevičienė, A., Leinartas, K., Lučun, A., & Mujahid, M. et al. (2022). Triple-cation perovskite/silicon tandem solar cell. <i>Ukrainian journal of physical optics</i> , vol. 23(iss. 4), p. 193-200. doi: 10.3116/16091833/23/4/193/2022	N 002 (80), N 003 (20)	11.2.	FTMC (9,584)
238.	FTMC (0,2333)	5593027	Auksorius, E., Borycki, D., Wegrzyn, P., Sikorski, B., Lizewski, K., & Žičkienė, I. et al. (2022). Spatio-temporal optical coherence tomography provides full thickness imaging of the chorioretinal complex. <i>iScience</i> , vol. 25(iss. 12), p. 1-21. doi: 10.1016/j.isci. 2022.105513	N 002 (100)	11.2.	FTMC (4,366)
239.	FTMC (0,4286)	5593044	Auksorius, E., Borycki, D., Wegrzyn, P., Žičkienė, I., Adomavičius, K., & Sikorski, B. et al. (2022). Multimode fiber as a tool to reduce cross talk in Fourier-domain full-field optical coherence tomography. <i>Optics letters</i> , vol. 47(iss. 4), p. 838-841. doi: 10.1364/OL.449498	N 002 (100)	11.2.	FTMC (10,205)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
240.	FTMC (0,5); VU (0,5)	5593059	Aukštakojytė, R., Gaidukevič, J., Niaura, G., Skapas, M., Bukauskas, V., & Barkauskas, J. (2022). Structural control and electrical behavior of thermally reduced graphene oxide samples assisted with malonic acid and phosphorus pentoxide. <i>Inorganics</i> , vol. 10(iss. 9), p. 1-16. doi: 10.3390/inorganics10090142	N 002 (20), N 003 (80)	11.2.	FTMC (3,744); VU (3,744)
241.	VU (0,6667); FTMC (0,3333)	5593076	Badokas, K., Kadys, A., Augulis, D., Mickevičius, J., Ignatjev, I., & Skapas, M. et al. (2022). MOVPE growth of GaN via graphene layers on GaN/sapphire templates. <i>Nanomaterials</i> , vol. 12(iss. 5), p. 1-10. doi: 10.3390/nano12050785	N 002 (80), N 003 (20)	11.2.	VU (5,204); FTMC (2,601)
242.	FTMC (0,7143)	5593096	Balagula, R., Subačius, L., Jorudas, J., Janonis, V., Prystawko, P., & Grabowski, M. et al. (2022). High-frequency and high-power performance of n-type GaN epilayers with low electron density grown on native substrate. <i>Materials</i> , vol. 15(iss. 6), p. 1-12. doi: 10.3390/ma15062066	N 002 (100)	11.2.	FTMC (6,023)
243.	FTMC (0,5714)	5593110	Balagula, R., Subačius, L., Jorudas, J., Prystawko, P., Grabowski, M., & Leszczyński, M. et al. (2022). Space-charge domains in n - type GaN epilayers under pulsed electric field. <i>Applied physics letters</i> , vol. 121(iss. 10), p. 1-6. doi: 10.1063/5.0098951	N 002 (100)	11.2.	FTMC (5,886)
244.	FTMC (0,5); GTC (0,5)	5593149	Balčiauskas, L., Ežerinskis, Ž., Stirkė, V., Balčiauskienė, L., Garbaras, A., & Remeikis, V. (2022). The elemental composition of small mammals in a commercial orchard–meadow system. <i>Chemosphere</i> , vol. 296(art. no. 134048), p. 1-9. doi: 10.1016/j.chemosphere.2022.134048	N 002 (50), N 014 (50)	11.2.	FTMC (5,738); GTC (5,738)
245.	GTC (0,6); FTMC (0,4)	5593166	Balčiauskas, L., Stirkė, V., Garbaras, A., Skipitytė, R., & Balčiauskienė, L. (2022). Stable isotope analysis supports omnivory in bank voles in apple orchards. <i>Agriculture</i> , vol. 12(iss. 9), p. 1-16. doi: 10.3390/agriculture12091308	N 002 (40), N 014 (60)	11.2.	GTC (5,647); FTMC (3,765)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
246.	FTMC (0,1667)	5593180	Balčiūnaitė, A., Upadhyay, K., Radinović, K., Santos, D., Montemor, M., & Šljukić, B. (2022). Steps towards highly-efficient water splitting and oxygen reduction using nanostructured β -Ni (OH) 2. <i>RSC advances</i> , vol. 12(iss. 16), p. 10020-10028. doi: 10.1039/D2RA00914E	N 003 (100)	11.2.	FTMC (1,719)
247.	FTMC (1)	5593206	Balčiūnaitė, A., Upskuvienė, D., Antanaitis, A., Šimkūnaitė, D., Tamašauskaitė-Tamašiūnaitė, L., & Vaičiūnienė, J. et al. (2022). 3D-structured Au(NiMo)/Ti catalysts for the electrooxidation of glucose. <i>Catalysts</i> , vol. 12(iss. 8), p. 1-20. doi: 10.3390/catal12080892	N 003 (100)	11.2.	FTMC (5,64)
248.	FTMC (1)	5593233	Balčiūnaitė, A., Zabelaitė, A., Sukackienė, Z., Kepenienė, V., Šimkūnaitė, D., & Selskis, A. et al. (2022). Fabrication of efficient gold–nickel-supported titania nanotube electrocatalysts for sodium borohydride–hydrogen peroxide fuel cells. <i>Coatings</i> , vol. 12(iss. 6), p. 1-24. doi: 10.3390/coatings12060850	N 003 (100)	11.2.	FTMC (6,075)
249.	VU (0,8); FTMC (0,2)	5593261	Balčiūnas, D., Plaušinitis, D., Ratautaitė, V., Ramanavičienė, A., & Ramanavičius, A. (2022). Towards electrochemical surface plasmon resonance sensor based on the molecularly imprinted polypyrrole for glyphosate sensing. <i>Talanta</i> , vol. 241, p. [1-11]. doi: 10.1016/j.talanta.2022.123252	N 003 (100)	11.2.	VU (9,191); FTMC (2,298)
250.	LSMU (0,5455); FTMC (0,2727)	5593300	Balion, Z., Svirskienė, N., Svirskis, G., Inokaitis, H., Cėpla, V., & Ulčinas, A. et al. (2022). Comparison of microglial morphology and function in primary cerebellar cell cultures on collagen and collagen-Mimetic hydrogels. <i>Biomedicines</i> , vol.10(iss. 5), p. 1-6. doi: 10.3390/biomedicines10051023	N 010 (50)	11.2.	LSMU (3,186); FTMC (1,593)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
251.	FTMC (0,7143); VILNIUS TECH (0,2857)	5593320	Baltrėnas, P., Urbanas, D., Sukackienė, Z., Stalnionienė, I., Tamašauskaitė-Tamašiūnaitė, L., & Balčiūnaitė, A. et al. (2022). Selective catalytic reduction of NO by NH ₃ using Mn-based catalysts supported by Ukrainian clinoptilolite and lightweight expanded clay aggregate. <i>Environmental technology</i> , vol. 43(iss. 21), p. 3269-3282. doi: 10.1080/09593330.2021.1921046	N 003 (50)	11.2.	FTMC (1,791); VILNIUS TECH (0,716)
252.	FTMC (1)	5593337	Barkauskas, V., & Plukis, A. (2022). Prediction of the irradiation doses from ultrashort laser-solid interactions using different temperature scalings at moderate laser intensities. <i>Journal of radiological protection</i> , vol. 42(no. 1), p. 1-10. doi: 10.1088/1361- 6498/ac44fb	N 002 (100)	11.2.	FTMC (4,173)
253.	FTMC (1)	5593359	Barua, S., Balčiūnaitė, A., Vaičiūnienė, J., Tamašauskaitė- Tamašiūnaitė, L., & Norkus, E. (2022). Three-dimensional Au (NiMo)/Ti catalysts for efficient hydrogen evolution reaction. <i>Materials</i> , vol. 15(iss. 22), p. 1-12. doi: 10.3390/ma15227901	N 003 (100)	11.2.	FTMC (5,963)
254.	KTU (0,25); VDU (0,25); VILNIUS TECH (0,25); FTMC (0,125); VU (0,125)	5593372	Batiuskaite, D., Bruzaite, I., Snitka, V., & Ramanavicius, A. (2022). Assessment of TiO ₂ nanoparticle impact on surface morphology of Chinese hamster ovary cells. <i>Materials</i> , vol. 15(iss. 13), p. 1-13. doi: 10.3390/ma15134570	N 002 (30), N 011 (30)	11.2.	KTU (0,894); VDU (0,894); VILNIUS TECH (0,894); FTMC (0,448); VU (0,448)
255.	FTMC (0,8333)	5593404	Belosludtsev, A., Sytchkova, A., Kyžas, N., Bitinaitis, I., Simniškis, R., & Drazdys, R. (2022). Ultrathin sputtered silver films protected by ALD alumina: Comparison of in-situ investigation with ex-situ resistance and ellipsometric measurements. <i>Vacuum</i> , vol. 195, p. 1-8. doi: 10.1016/j.vacuum.2021.110669	N 002 (40)	11.2.	FTMC (3,186)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
256.	FTMC (1)	5593419	Berškys, J., & Orlovas, S. (2022). Spherically polarized vector Bessel vortex beams. <i>Physical review A</i> , vol. 105(iss. 1), p. 1-10. doi: 10.1103/PhysRevA.105.013502	N 002 (100)	11.2.	FTMC (7,6)
257.	LSU (0,1429)	5593460	Alvurdu, S., Baykal, C., Akyildiz, Z., Şenel, Ö., Silva, A., & Conte, D. et al. (2022). Impact of prolonged absence of organized training on body composition, neuromuscular performance, and aerobic capacity: a study in youth male soccer players exposed to COVID-19 lockdown. <i>International journal of environmental research and public health</i> , vol. 19(iss. 3), p. 1-12. doi: 10.3390/ijerph19031148	N 010 (100)	11.00	LSU (–)
258.	LSU (0,1)	5593476	Andrzejewski, M., Konefał, M., Podgórski, T., Pluta, B., Chmura, P., & Chmura, J. et al. (2022). How training loads in the preparation and competitive period affect the biochemical indicators of training stress in youth soccer players? <i>PeerJ</i> , vol. 10, p. 1-22. doi: 10.7717/peerj.13367/supp-1	N 010 (100)	11.2.	LSU (0,925)
259.	VU (0,4286)	5593493	Rutkauskas, M., Songailienė, I., Irmisch, P., Kemmerich, F., Šinkūnas, T., & Šikšnys, V. et al. (2022). A quantitative model for the dynamics of target recognition and off-target rejection by the CRISPR-Cas Cascade complex. <i>Nature communications</i> , vol. 13 (no. 1), p. [1-13]. doi: 10.1038/s41467-022-35116-5	N 004 (40), N 010 (30)	11.2.	VU (7,696)
260.	VU (1)	5593529	Sakalauskas, A., Janonienė, A., Žvinys, G., Mikalauskaitė, K., Žiaunys, M., & Smirnovas, V. (2022). Exploring the formation of polymers with anti-amyloid properties within the 2'3'- dihydroxyflavone autoxidation process. <i>Antioxidants</i> , vol. 11(iss. 9), p. [1-12]. doi: 10.3390/antiox11091711	N 004 (40), N 010 (30)	11.2.	VU (7,628)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
261.	VU (0,0588)	5593560	Schmitz, C., Madej, M., Nowakowska, Z., Cuppari, A., Jacula, A., & Ksiazek, M. et al. (2022). Response regulator PorX coordinates oligonucleotide signalling and gene expression to control the secretion of virulence factors. <i>Nucleic acids research, first on line</i> , p. [1-20]. doi: 10.1093/nar/gkac1103	N 004 (40), N 010 (30)	11.2.	VU (2,144)
262.	LSU (0,5)	5593778	Borkertienė, V., & Valonytė-Burneikienė, L. (2022). Normal weight 6–12 years boys demonstrate better cognitive function and aerobic fitness compared to overweight peers. <i>Medicina</i> , vol. 58(iss. 3), p. 1-8. doi: 10.3390/medicina58030423	N 010 (100)	11.2.	LSU (2,338)
263.	KTU (0,875); FTMC (0,125)	5593807	Bezvikonnyi, O., Bernard, R., Andruleviciene, V., Volyniuk, D., Keruckienė, R., & Vaiciulaityte, K. et al. (2022). Derivatives of imidazole and carbazole as bifunctional materials for organic light-emitting diodes. <i>Materials</i> , vol. 15(iss. 23), p. 1-16. doi: 10.3390/ma15238495	N 003 (10)	11.2.	KTU (0,522); FTMC (0,075)
264.	FTMC (1)	5593825	Bikulčius, G., Češūnienė, A., Gedvilas, M., Jasulaitienė, V., Suchodolskis, A., & Staišiūnas, L. et al. (2022). Influence of picoseconds laser irradiation on the properties of black chromium obtained in a trivalent chromium bath. <i>Transactions of the Institute of Metal finishing</i> , vol. 100(iss. 4), p. 221-228. doi: 10.1080/00202967.2022.2079289	N 003 (90)	11.2.	FTMC (4,256)
265.	LSU (1)	5593904	Cesanelli, L., Kamandulis, S., Eimantas, N., & Satkunskiene, D. (2022). Differences in knee extensors' muscle–tendon unit passive stiffness, architecture, and force production in competitive cyclists versus runners. <i>Journal of applied biomechanics</i> , vol. 38(iss. 6), p. 412-423. doi: 10.1123/jab.2022- 0072	N 010 (100)	11.2.	LSU (4,361)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
266.	LSU (0,25); LSMU (0,125)	5594005	Cesanelli, L., Satkunskiene, D., Bileviciute-Ljungar, I., Kubilius, R., Repečkaite, G., & Cesanelli, F. et al. (2022). The possible impact of COVID-19 on respiratory muscles structure and functions. <i>Sustainability</i> , vol. 14(iss. 12), p. 1-17. doi: 10.3390/su14127446	N 010 (50)	11.2.	LSU (1,816); LSMU (0,908)
267.	VU (1)	5594079	Skvarnavičius, G., Toleikis, Z., Matulis, D., & Petrauskas, V. (2022). Denaturant- or ligand-induced changes in protein volume by pressure shift assay. <i>Physical chemistry chemical physics</i> , vol. 24(iss. 28), p. 17279-17288. doi: 10.1039/d2cp01046a	N 004 (40), N 010 (30)	11.2.	VU (3,951)
268.	FTMC (1)	5594136	Bikulčius, G., Jankauskas, S., Selskienė, A., Staišiūnas, L., Matijošius, T., & Asadauskas, S. (2022). New insight into adherence of Ni-P electroless deposited coatings on AA6061 alloy through Al ₂ O ₃ ceramic. <i>Coatings</i> , vol. 12(iss. 5), p. 1-8. doi: 10.3390/coatings12050594	N 003 (100)	11.2.	FTMC (6,075)
269.	LSU (0,25)	5594149	Cesanelli, L., Ylaitė, B., Calleja-González, J., Leite, N., Iovane, A., & Messina, G. (2022). Transition from Youth categories to Elite cycling: relationships between early career performance and UCI World tour success. <i>The journal of sports medicine and physical fitness</i> , vol. 62(no. 12), p. 1577-1583. doi: 10.23736/S0022-4707.21.13244-X	N 010 (100)	11.2.	LSU (3,134)
270.	LSU (0,5)	5594164	Chaillou, T., Treigyte, V., Mosely, S., Brazaitis, M., Venckunas, T., & Cheng, A. (2022). Functional impact of post-exercise cooling and heating on recovery and training adaptations: application to resistance, endurance, and sprint exercise. <i>Sports medicine - open</i> , vol. 8(iss. 1), p. 1-26. doi: 10.1186/s40798-022-00428-9	N 010 (100)	11.2.	LSU (10,182)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
271.	LSU (1)	5594193	Conte, D., & Kamarauskas, P. (2022). Differences in weekly training load, well-being, and hormonal responses between European- and national-level professional male basketball players during the pre-season phase. <i>International journal of environmental research and public health</i> , vol. 19(iss. 22), p. 1- 12. doi: 10.3390/ijerph192215310	N 010 (100)	11.00	LSU (–)
272.	VU (1)	5594225	Slišienė, A., Plečkaitytė, M., Zaveckas, M., Juškaitė, K., Rudokas, V., & Žvirblis, G. et al. (2022). Monoclonal antibodies against the newly identified allergen β -enolase from common carp (<i>Cyprinus carpio</i>). <i>Food and agricultural immunology</i> , vol. 33(iss. 1), p. 129- 149. doi: 10.1080/09540105.2022.2028741	N 004 (40), N 010 (30)	11.2.	VU (4,076)
273.	FTMC (1)	5594349	Butkus, L., Šapolaitė, J., Garbarienė, I., Garbaras, A., Bučinskas, L., & Pabedinskas, A. et al. (2022). Development of graphitization method for low carbon aerosol filter samples with Automated Graphitization System AGE-3. <i>Applied radiation and isotopes</i> , vol. 190, p. 1-6. doi: 10.1016/j.apradiso.2022.110461	N 002 (100)	11.2.	FTMC (5,215)
274.	LSU (1)	5594434	Eimantas, N., Ivanove, S., Baranauskiene, N., Solianik, R., & Brazaitis, M. (2022). Modulation of neuromuscular excitability in response to acute noxious heat exposure has no additional effects on central and peripheral fatigability. <i>Frontiers in physiology</i> , vol. 13, p. 1-13. doi: 10.3389/fphys.2022.936885	N 010 (100)	11.2.	LSU (9,568)
275.	FTMC (0,7857); VILNIUS TECH (0,1429); VU (0,0714)	5594446	Bužavaitė-Vertelienė, E., Mačiulis, V., Anulytė, J., Tolenis, T., Baškys, A., & Plikusienė, I. et al. (2022). Total internal reflection ellipsometry approach for bloch surface waves biosensing applications. <i>Biosensors</i> , vol. 12(iss. 8), p. 1-10. doi: 10.3390/bios12080584	N 002 (40), N 003 (30)	11.2.	FTMC (4,877); VILNIUS TECH (0,887); VU (0,443)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
276.	LSU (1)	5594465	Eimantas, N., Ivanove, S., Solianik, R., & Brazaitis, M. (2022). Exposure to acute noxious heat evokes a cardiorespiratory shock response in humans. <i>International journal of hyperthermia</i> , vol. 39(iss. 1), p. 134-143. doi: 10.1080/02656736.2021.2023225	N 010 (100)	11.2.	LSU (6,386)
277.	LSU (1)	5594506	Eimonte, M., Eimantas, N., Baranauskienė, N., Solianik, R., & Brazaitis, M. (2022). Kinetics of lipid indicators in response to short- and long-duration whole-body, cold-water immersion. <i>Cryobiology</i> , vol. 109, p. 62-71. doi: 10.1016/j.cryobiol.2022.09.003	N 010 (100)	11.2.	LSU (6,62)
278.	FTMC (0,6667)	5594518	Byčenkienė, S., Khan, A., & Bimbaitė, V. (2022). Impact of PM2.5 and PM10 emissions on changes of their concentration levels in Lithuania: A case study. <i>Atmosphere</i> , vol. 13(iss. 11), p. 1-15. doi: 10.3390/atmos13111793	N 002 (100)	11.2.	FTMC (3,635)
279.	LSU (0,022)	5594620	Ireland, A., Mittag, U., Degens, H., Felsenberg, D., Heinonen, A., & Koltai, E. et al. (2022). Age-related declines in lower limb muscle function are similar in power and endurance athletes of both sexes: a longitudinal study of master athletes. <i>Calcified tissue international</i> , vol. 110, p. 196-203. doi: 10.1007/s00223-021-00907-3	N 010 (100)	11.2.	LSU (0,592)
280.	FTMC (0,0833); VU (0,0833)	5594642	Bychanok, D., Padrez, Y., Liubetski, N., Arlouski, A., Kushniarou, U., & Korobov, I. et al. (2022). Window tinting films for microwave absorption and terahertz applications. <i>Journal of applied physics</i> , vol. 131(iss. 2), p. 1-7. doi: 10.1063/5.0075497	N 002 (100)	11.2.	FTMC (1,16); VU (1,16)
281.	FTMC (0,6667)	5594716	Charniakova, K., Klimas, V., Jagminas, A., Lushpa, N., Vrublevsky, I., & Jankauskas, S. (2022). Features of the porous morphology of anodic alumina films at the initial stage of disordered growth. <i>Electrochemistry communications</i> , vol. 143, p. 1-5. doi: 10.1016/j.elecom.2022.107391	N 003 (100)	11.2.	FTMC (7,285)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
282.	FTMC (0,625); VU (0,0625)	5594808	Čižas, V., Subačius, L., Alexeeva, N., Seliuta, D., Hyart, T., & Köhler, K. et al. (2022). Dissipative parametric gain in a GaAs / AlGaAs superlattice. <i>Physical review letters</i> , vol. 128(iss. 23), p. 1-7. doi: 10.1103/PhysRevLett.128.236802	N 002 (100)	11.2.	FTMC (23,828); VU (2,383)
283.	FTMC (0,0714)	5595153	Dahl, M., Ismail, R., Braun, S., Masqué, P., Lavery, P., & Gullström, M. et al. (2022). Impacts of land-use change and urban development on carbon sequestration in tropical seagrass meadow sediments. <i>Marine environmental research</i> , vol. 176, p. 1-12. doi: 10.1016/j.marenvres.2022.105608	N 002 (100)	11.2.	FTMC (1,544)
284.	VU (1)	5595224	Stankevičius, V., Gibas, P., Masiulionytė, B., Gasiulė, L., Masevičius, V., & Klimašauskas, S. et al. (2022). Selective chemical tracking of Dnmt1 catalytic activity in live cells. <i>Molecular cell</i> , vol. 82(iss. 5), p. 1053-1065, e1-e8. doi: 10.1016/j.molcel.2022.02.008	N 004 (40), N 010 (30)	11.2.	VU (13,389)
285.	FTMC (0,5); VU (0,5)	5595274	Dargys, A., & Acus, A. (2022). Exponential and logarithm of multivector in low-dimensional ($n = p + q < 3$) Clifford algebras. <i>Nonlinear analysis: modelling and control</i> , vol. 27(no. 6), p. 1129- 1149. doi: 10.15388/namc.2022.27.29528	N 001 (50), N 002 (50)	11.2.	FTMC (3,696); VU (3,696)
286.	FTMC (0,5); VU (0,5)	5595297	Dargys, A., & Acus, A. (2022). Exponentials of general multivector in 3D Clifford algebras. <i>Nonlinear analysis: modelling and control</i> , vol. 27(no. 1), p. 179-197. doi: 10.15388/namc.2022.27.24476	N 002 (100)	11.2.	FTMC (3,696); VU (3,696)
287.	VU (1)	5595399	Stankevičius, V., Vilkaitis, G., & Klimašauskas, S. (2022). Meet the author: Vaidotas Stankevicius, Giedrius Vilkaitis, and Saulius Klimasauskas. <i>Molecular cell</i> , vol. 82(no. 5), p. 879-881. doi: 10.1016/j.molcel.2022.02.019	N 004 (40), N 010 (30)	11.2.	VU (13,389)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
288.	FTMC (1)	5595646	Daugalas, T., Bukauskas, V., Lukša, A., Nargelienė, V., & Šetkus, A. (2022). Intentionally created localized bridges for electron transport through graphene monolayer between two metals. <i>Nanotechnology</i> , vol. 33(iss. 37), p. 1-11. doi: 10.1088/1361-6528/ac7578	N 002 (100)	11.2.	FTMC (5,916)
289.	KTU (1)	5595658	Ostasevicius, V., Paulauskaite-Taraseviciene, A., Paleviciute, I., Jurenas, V., Griskevicius, P., & Eidukynas, D. et al. (2022). Investigation of the robotized incremental metal-sheet forming process with ultrasonic excitation. <i>Materials</i> , vol. 15(iss. 3), p. 1- 18. doi: 10.3390/ma15031024	N 009 (20)	11.2.	KTU (1,193)
290.	FTMC (0,95); VU (0,05)	5595724	Davulienė, L., Khan, A., Šemčuk, S., Minderytė, A., Davtalab, M., & Kandrotaitė, K. et al. (2022). Evaluation of work-related personal exposure to aerosol particles. <i>Toxics</i> , vol. 10(iss. 7), p. 1-15. doi: 10.3390/toxics10070405	N 002 (90), N 003 (10)	11.2.	FTMC (7,309); VU (0,384)
291.	FTMC (0,8); VU (0,2)	5595754	Driukas, S., Rutkauskas, D., Franckevičius, M., Chmeliov, J., & Gulbinas, V. (2022). Photoluminescence dynamics of MAPI perovskite films induced by lateral electric field. <i>Physica status solidi RRL</i> , vol. 16(iss. 12), p. 1-8. doi: 10.1002/pssr.202200293	N 002 (100)	11.2.	FTMC (4,227); VU (1,057)
292.	VU (0,4286); FTMC (0,2857)	5595894	Drobysh, M., Liustrovaitė, V., Baradokė, A., Viter, R., Chen, C., & Ramanavičius, A. et al. (2022). Determination of rSpike protein by specific antibodies with screen-printed carbon electrode modified by electrodeposited gold nanostructures. <i>Biosensors</i> , vol. 12(no. 8), p. [1-16]. doi: 10.3390/bios12080593	N 003 (100)	11.2.	VU (7,6); FTMC (5,067)
293.	VU (0,4286); FTMC (0,2857)	5596066	Drobysh, M., Ramanavičienė, A., Viter, R., Chen, C., Samukaitė-Bubnienė, U., & Ratautaitė, V. et al. (2022). Biosensors for the determination of SARS-CoV-2 virus and diagnosis of COVID-19 infection. <i>International journal of molecular sciences</i> , vol. 23(iss. 2), p. [1-28]. doi: 10.3390/ijms23020666	N 003 (60), N 004 (40)	11.2.	VU (7,092); FTMC (4,728)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
294.	FTMC (0,6667); VU (0,3333)	5596114	Dronina, J., Samukaitė-Bubnienė, U., & Ramanavičius, A. (2022). Towards application of CRISPR-Cas12a in the design of modern viral DNA detection tools (Review). <i>Journal of nanobiotechnology</i> , vol. 20, p. 1-15. doi: 10.1186/s12951-022-01246-7	N 003 (100)	11.2.	FTMC (8,647); VU (4,324)
295.	FTMC (1)	5596156	Dudutis, J., Zubauskas, L., Daknys, E., Markauskas, E., Gvozditė, R., & Račiukaitis, G. et al. (2022). Quality and flexural strength of laser-cut glass: classical top-down ablation versus water-assisted and bottom-up machining. <i>Optics express</i> , vol. 30(iss. 3), p. 4564-4582. doi: 10.1364/OE.447143	N 002 (10)	11.2.	FTMC (0,939)
296.	FTMC (1)	5596193	Duobiene, S., Ratautas, K., Trusovas, R., Ragulis, P., Šlekas, G., & Simniškis, R. et al. (2022). Development of wireless sensor network for environment monitoring and its implementation using SSAIL technology. <i>Sensors</i> , vol. 22(iss. 14), p. 1-17.	N 002 (40)	11.2.	FTMC (3,298)
297.	VU (0,5); FTMC (0,0417)	5596219	Ežerskytė, E., Vengris, M., Gineitis, K., Merkininkaitė, G., Leber, B., & Vargalis, R. et al. (2022). Qualitative comparison between different biopolymers for usage in two-photon polymerization towards liver regeneration. <i>Optical materials express</i> , vol. 12(no. 7), p. 2550-2567. doi: 10.1364/OME.459057	N 002 (50)	11.2.	VU (2,459); FTMC (0,205)
298.	FTMC (1)	5596241	Fiodorov, V., Ratautas, K., Mockus, Z., Trusovas, R., Mikoliūnaitė, L., & Račiukaitis, G. (2022). Laser-assisted selective fabrication of copper traces on polymers by electroplating. <i>Polymers</i> , vol. 14 (iss. 4), p. 1-14. doi: 10.3390/polym14040781	N 003 (20)	11.2.	FTMC (1,746)
299.	KTU (0,6667); FTMC (0,3333)	5596258	Gadeikytė, A., Abraitienė, A., & Barauskas, R. (2022). Prediction of air permeability coefficient and water-vapor resistance of 3D textile layer. <i>Journal of the Textile institute</i> , vol. 113(iss. 3), p. 396-404. doi: 10.1080/00405000.2021.1883237	N 009 (60)	11.2.	KTU (2,242); FTMC (1,121)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
300.	FTMC (0,8333)	5596276	Garbarienė, I., Pauraitė-Dudek, J., Pashneva, D., Minderytė, A., Šarka, K., & Dudoitis, V. et al. (2022). Indoor-outdoor relationship of submicron particulate matter in mechanically ventilated building: Chemical composition, sources and infiltration factor. <i>Building and environment</i> , vol. 222, p. 1-16. doi: 10.1016/j.buildenv.2022.109429	N 002 (100)	11.2.	FTMC (18,839)
301.	FTMC (1)	5596302	Garjonytė, R., Būdienė, J., Labanauskas, L., & Judžentienė, A. (2022). In vitro antioxidant and prooxidant activities of red raspberry (<i>Rubus idaeus</i> L.) stem extracts. <i>Molecules</i> , vol. 27(iss. 13), p. 1-19. doi: 10.3390/molecules27134073	N 003 (100)	11.2.	FTMC (7,154)
302.	FTMC (0,0833)	5596321	Geng, M., Liu, J., Hu, H., Qin, L., Taha Abdelhamid Alfa, A., & Zhang, Z. (2022). A comprehensive study on structures and characterizations of 7S protein treated by high intensity ultrasound at different pH and ionic strengths. <i>Food chemistry</i> , vol. 373, p. 1-9. doi: 10.1016/j.foodchem.2021.131378	N 003 (100)	11.2.	FTMC (1,89)
303.	FTMC (0,0625)	5596362	Geng, M., Wang, Z., Qin, L., Taha Abdelhamid Alfa, A., Du, L., & Xu, X. et al. (2022). Effect of ultrasound and coagulant types on properties of β -carotene bulk emulsion gels stabilized by soy protein. <i>Food hydrocolloids</i> , vol. 123, p. 1-11. doi: 10.1016/j.foodhyd.2021.107146	N 003 (100)	11.2.	FTMC (1,672)
304.	FTMC (0,3462)	5596604	Golubewa, L., Kulahava, T., Klimovich, A., Rutkauskas, D., Matulaitienė, I., & Karpič, R. et al. (2022). Visualizing hypochlorous acid production by human neutrophils with fluorescent graphene quantum dots. <i>Nanotechnology</i> , vol. 33(no. 9), p. 1-15. doi: 10.1088/1361-6528/ac3ce4	N 002 (50), N 003 (50)	11.2.	FTMC (5,016)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
305.	FTMC (0,4167)	5596682	Golubewa, L., Padrez, Y., Malykhin, S., Kulahava, T., Shamova, E., & Timoshchenko, I. et al. (2022). All-optical thermometry with NV and SiV color centers in biocompatible diamond microneedles. <i>Advanced optical materials</i> , vol. 10(iss. 15), p. 1-13. doi: 10.1002/adom.202200631	N 002 (80), N 003 (20)	11.2.	FTMC (9,975)
306.	FTMC (0,6667); VU (0,0833)	5596730	Gotovski, P., Šlevas, P., Orlovas, S., Ulčinas, O., Jukna, V., & Urbas, A. (2022). Investigation of the Pancharatnam–Berry phase element for the generation of the top-hat beam. <i>Journal of optics</i> , vol. 24(iss. 3), p. 1-9. doi: 10.1088/2040-8986/ac4317	N 002 (100)	11.2.	FTMC (5,735); VU (0,717)
307.	FTMC (0,25); VILNIUS TECH (0,1665)	5596758	Gric, T., & Rafailov, E. (2022). Beam steering with the enhanced semiconductor-based hyperprism. <i>Optical and quantum electronics</i> , vol. 54(iss. 2), p. 1-7. doi: 10.1007/s11082-021- 03501-x	N 002 (10)	11.2.	FTMC (0,307); VILNIUS TECH (0,204)
308.	FTMC (0,25); VILNIUS TECH (0,1665)	5596795	Gric, T., & Rafailov, E. (2022). On the study of advanced nanostructured semiconductor-based metamaterial. <i>Applied sciences: Special issue: Metamaterials meeting industry</i> , vol. 12 (iss. 12), p. 1-7. doi: 10.3390/app12126250	N 002 (10)	11.2.	FTMC (0,188); VILNIUS TECH (0,125)
309.	FTMC (0,25); VILNIUS TECH (0,1665)	5596817	Gric, T., & Rafailov, E. (2022). Propagation of surface plasmon polaritons at the interface of metal-free metamaterial with anisotropic semiconductor inclusions. <i>Optik</i> , vol. 254, p. 1-6. doi: 10.1016/j.ijleo.2022.168678	N 002 (10)	11.2.	FTMC (0,284); VILNIUS TECH (0,189)
310.	FTMC (0,5); VILNIUS TECH (0,5)	5596829	Grigaliūnaitė-Vonsevičienė, G., & Vengalis, B. (2022). Angle- dependent AC susceptibility, low-field magnetoresistance and switching behaviour of La _{0.66} Sr _{0.34} MnO ₃ /YSZ(001) films. <i>Journal of magnetism and magnetic materials</i> , vol. 552, p. 1-10. doi: 10.1016/j.jmmm.2022.169197	N 002 (100)	11.2.	FTMC (2,505); VILNIUS TECH (2,505)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
311.	GTC (0,4); VU (0,3); FTMC (0,2)	5596902	Gudaitienė, G., Motuza Matuzevičius, G., Stančikaitė, M., Pukienė, R., Kisieliene, D., & Mažeika, J. et al. (2022). New insights into the medieval history of a non-urban territory: multidisciplinary investigations in SE Lithuania. <i>Baltica</i> , vol. 35(iss. 2), p. 91-113. doi: 10.5200/baltica.2022.2.1	N 002 (20), N 005 (80)	11.2.	GTC (1,616); VU (1,213); FTMC (0,809)
312.	VU (0,55)	5596945	Toleikis, Z., Bobrovs, R., Janonienė, A., Lends, A., Žiaunys, M., & Baronaitė, I. et al. (2022). Interactions between S100A9 and alpha-synuclein: insight from NMR spectroscopy. <i>International journal of molecular sciences</i> , vol. 23(iss. 12), p. [1-24]. doi: 10.3390/ijms23126781	N 004 (40), N 010 (30)	11.2.	VU (4,505)
313.	FTMC (1)	5597009	Ibenskas, A., & Tornau, E. (2022). Modeling of different ordering schemes for halogen-functionalized molecules with triazine and benzene core. <i>The journal of physical chemistry C</i> , vol. 126(iss. 18), p. 8079-8089. doi: 10.1021/acs.jpcc.2c00805	N 002 (100)	11.2.	FTMC (5,764)
314.	VU (0,5714)	5597018	Tomkuvienė, M., Meier, M., Iksalaitė, D., Wildenauer, J., Kairys, V., & Klimašauskas, S. et al. (2022). Enhanced nucleosome assembly at CpG sites containing an extended 5-methylcytosine analogue. <i>Nucleic acids research</i> , vol. 50(iss. 11), p. 6549-6561. doi: 10.1093/nar/gkac444	N 004 (40), N 010 (30)	11.2.	VU (11,132)
315.	VU (0,1818)	5597056	Trier, N., Valdarnini, N., Fanelli, I., Rovero, P., Hansen, P., & Schafer-Nielsen, C. et al. (2022). Peptide antibody reactivity to homologous regions in glutamate decarboxylase isoforms and coxsackievirus B4 P2C. <i>International journal of molecular sciences</i> , vol. 23(iss. 8), p. [1-16]. doi: 10.3390/ijms23084424	N 004 (40), N 010 (30)	11.2.	VU (2,978)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
316.	VU (0,0238)	5597189	Uellendahl-Werth, F., Maj, C., Borisov, O., Juzėnas, S., Wacker, E., & Jørgensen, I. et al. (2022). Cross-tissue transcriptome-wide association studies identify susceptibility genes shared between schizophrenia and inflammatory bowel disease. <i>Communications biology</i> , vol. 5(iss. 1), p. [1-15]. doi: 10.1038/s42003-022-03031-6	N 004 (30), N 010 (40)	11.2.	VU (0,697)
317.	VILNIUS TECH (0,4443); FTMC (0,111)	5597223	Ioannidis, T., Gric, T., & Rafailov, E. (2022). Tunable polaritons of spiral nanowire metamaterials. <i>Waves in random and complex media</i> , vol. 32(iss. 1), p. 381-389. doi: 10.1080/17455030.2020.1774095	N 002 (10)	11.00	VILNIUS TECH (–); FTMC (–)
318.	FTMC (0,1667)	5597265	Ivanovskaya, M., Charniakova, K., Ovodok, E., Poznyak, S., Kotsikau, D., & Azarko, I. (2022). Nature of paramagnetic defects in black titanium dioxide nanotubes. <i>Materials chemistry and physics</i> , vol. 278, p. 1-8. doi: 10.1016/j.matchemphys.2022.125703	N 003 (100)	11.2.	FTMC (2,398)
319.	VU (0,1667)	5597321	Urbaitis, T., Gasiūnas, G., Young, J., Hou, Z., Paulraj, S., & Godliauskaitė, E. et al. (2022). A new family of CRISPR-type V nucleases with C-rich PAM recognition. <i>EMBO reports</i> , first published online, p. [1-15]. doi: 10.15252/embr.202255481	N 004 (40), N 010 (30)	11.2.	VU (2,672)
320.	VU (0,0769)	5597397	Vázquez, C., Widespick, L., Thuenauer, R., Schneider, C., Reimer, R., & Neira, P. et al. (2022). Nipah virus infection generates ordered structures in cellulose. <i>Viruses</i> , vol. 14(iss. 7), p. [1-17]. doi: 10.3390/v14071523	N 004 (40), N 010 (30)	11.2.	VU (1,224)
321.	VU (0,0714)	5597503	Widespick, L., Vázquez, C., Niemetz, L., Heung, M., Olal, C., & Bencsik, A. et al. (2022). Inactivation methods for experimental Nipah virus infection. <i>Viruses</i> , vol. 14(no. 5), p. [1-14]. doi: 10.3390/v14051052	N 004 (40), N 010 (30)	11.2.	VU (0,928)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
322.	VU (0,7778)	5597552	Zakšauskas, A., Čapkauskaitė, E., Paketurytė-Latvė, V., Smirnov, A., Leitans, J., & Kazaks, A. et al. (2022). Methyl 2-halo-4- substituted-5-sulfamoyl-benzoates as high affinity and selective inhibitors of carbonic anhydrase IX. <i>International journal of molecular sciences</i> , vol. 23(iss. 1), p. [1-24]. doi: 10.3390/ijms23010130	N 004 (40), N 010 (30)	11.2.	VU (6,37)
323.	FTMC (0,75); VU (0,2083)	5597583	Ivaškevičiūtė-Povilauskienė, R., Kizevičius, P., Nacius, E., Jokubauskis, D., Ikamas, K., & Lisauskas, A. et al. (2022). Terahertz structured light: nonparaxial Airy imaging using silicon diffractive optics. <i>Light: science & applications</i> , vol. 11, p. 1-13. doi: 10.1038/s41377-022-01007-z	N 002 (90), N 003 (10)	11.00	FTMC (-); VU (-)
324.	FTMC (0,8)	5597605	Ivaškevičiūtė-Povilauskienė, R., Paddubskaya, A., Seliuta, D., Jokubauskis, D., Minkevičius, L., & Urbanovič, A. et al. (2022). Advantages of optical modulation in terahertz imaging for study of graphene layers. <i>Journal of applied physics</i> , vol. 131(iss. 3), p. 1-9. doi: 10.1063/5.0074772	N 002 (50), N 003 (50)	11.2.	FTMC (8,628)
325.	VU (0,8611)	5597686	Zaremba, M., Dakinevičienė, D., Golovinas, E., Zagorskaitė, E., Stankūnas, E., & Lopatina, A. et al. (2022). Short prokaryotic Argonautes provide defence against incoming mobile genetic elements through NAD ⁺ depletion. <i>Nature microbiology</i> , vol. 7 (iss. 11), p. 1857-1869. doi: 10.1038/s41564-022-01239-0	N 004 (40), N 010 (30)	11.2.	VU (45,057)
326.	FTMC (1)	5597718	Jagminas, A., Klimas, V., Charniakova, K., & Jasulaitienė, V. (2022). Designing carbon-enriched alumina films possessing visible light absorption. <i>Materials</i> , vol. 15(iss. 7), p. 1-13. doi: 10.3390/ma15072700	N 003 (100)	11.2.	FTMC (5,963)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
327.	FTMC (0,0606)	5597741	Jansson, P., Bengtsson, M., Bäckström, U., Álvarez-Velarde, F., Čalič, D., & Caruso, S. et al. (2022). Blind benchmark exercise for spent nuclear fuel decay heat. <i>Nuclear science and engineering</i> , vol. 196(iss. 9), p. 1125-1145. doi: 10.1080/00295639.2022.2053489	N 002 (100)	11.2.	FTMC (1,832)
328.	VU (1)	5597803	Žiaunys, M., Mikalauskaitė, K., Veiveris, D., Sakalauskas, A., & Smirnovas, V. (2022). Superoxide dismutase-1 alters the rate of prion protein aggregation and resulting fibril conformation. <i>Archives of biochemistry and biophysics</i> , vol. 715, p. [1-7]. doi: 10.1016/j.abb.2021.109096	N 004 (40), N 010 (30)	11.2.	VU (4,898)
329.	VU (0,5714); FTMC (0,4286)	5597821	Januškevičius, J., Stankevičiūtė, Ž., Baltrūnas, D., Mažeika, K., Murauskas, T., & Drabavičius, A. et al. (2022). Membrane- assisted synthesis of selected mixed-metal ferrite nanotubes using sol-gel derived precursors. <i>Solid state sciences</i> , vol. 132, p. 1-10. doi: 10.1016/j.solidstatesciences.2022.106983	N 002 (100)	11.2.	VU (3,363); FTMC (2,522)
330.	FTMC (0,6667)	5597855	Jasiūnas, R., Zhang, H., Devižis, A., Franckevičius, M., Gao, F., & Gulbinas, V. (2022). Thermally activated reverse electron transfer limits carrier generation efficiency in PM6:Y6 non- fullerene organic solar cells. <i>Solar RRL</i> , vol. 6(iss. 6), p. 1-10. doi: 10.1002/solr.v6.6	N 002 (100)	11.2.	FTMC (9,901)
331.	FTMC (0,5714); VU (0,1429)	5597878	Jasiūnas, R., Zhang, H., Gelžinis, A., Chmeliov, J., Franckevičius, M., & Gao, F. et al. (2022). Interplay between charge separation and hole back transfer determines the efficiency of non-fullerene organic solar cells with low energy level offset. <i>Organic electronics</i> , vol. 108, p. 1-8. doi: 10.1016/j.orgel.2022.106601	N 002 (100)	11.2.	FTMC (4,693); VU (1,173)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
332.	FTMC (0,125)	5597902	Jones, D., Ovegård, M., Dahlgren, H., Danielsson, S., Greger, M., & Landberg, T. et al. (2022). A multi-isotope approach to evaluate the potential of great cormorant eggs for contaminant monitoring. <i>Ecological indicators</i> , vol. 136, p. 1-8. doi: 10.1016/j. ecolind.2022.108649	N 002 (100)	11.2.	FTMC (2,358)
333.	FTMC (1)	5599485	Jorudas, J., Pashnev, D., Kašalynas, I., Ignatjev, I., Niaura, G., & Selskis, A. et al. (2022). Green removal of DUV-polarity-modified PMMA for wet transfer of CVD graphene. <i>Nanomaterials</i> , vol. 12 (iss. 22), p. 1-17. doi: 10.3390/nano12224017	N 002 (70), N 003 (30)	11.2.	FTMC (7,806)
334.	FTMC (0,3125); VU (0,3125)	5599548	Jorudas, J., Paweł Prystawko, P., Šimukovič, A., Aleksiejūnas, R., Mickevičius, J., & Kryško, M. et al. (2022). Development of quaternary InAlGaN barrier layer for high electron mobility transistor structures. <i>Materials</i> , vol. 15(iss. 3), p. [1-11]. doi: 10.3390/ma15031118	N 002 (100)	11.2.	FTMC (3,227); VU (3,227)
335.	FTMC (1)	5599563	Navakasas, E., Niaura, G., & Strazdaitė, S. (2022). Effect of deuteration on a phosphatidylcholine lipid monolayer structure: New insights from vibrational sum-frequency generation spectroscopy. <i>Colloids and surfaces B: biointerfaces</i> , vol. 220, p. 1-7. doi: 10.1016/j.colsurfb.2022.112866	N 003 (100)	11.2.	FTMC (8,594)
336.	FTMC (1)	5599573	Nevinskas, I., Stanionytė, S., Devenson, J., & Krotkus, A. (2022). Direct bandgap dependence of bismuth films on their thickness. <i>Journal of applied physics</i> , vol. 132(iss. 5), p. 1-6. doi: 10.1063/5. 0095477	N 002 (70), N 003 (30)	11.2.	FTMC (6,226)
337.	FTMC (0,1429)	5599608	Nikoomanzari, E., Karbasi, M., Martins Antunes De Melo, W., Moris, H., Babaei, K., & Giannakis, S. et al. (2022). Impressive strides in antibacterial performance amelioration of Ti-based implants via plasma electrolytic oxidation (PEO): A review of the recent advancements. <i>Chemical engineering journal</i> , vol. 441, p. 1-26. doi: 10.1016/j.cej.2022.136003	N 002 (100)	11.2.	FTMC (4,589)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
338.	FTMC (1)	5599637	Novikau, R., & Lujanienė, G. (2022). Adsorption behaviour of pollutants: Heavy metals, radionuclides, organic pollutants, on clays and their minerals (raw, modified and treated): A review. <i>Journal of environmental management</i> , vol. 309(art. no. 114685), p. 1-23. doi: 10.1016/j.jenvman.2022.114685	N 002 (100)	11.2.	FTMC (11,369)
339.	FTMC (1)	5599667	Novikau, R., Lujanienė, G., Pakštas, V., Talaikis, M., Mažeika, K., & Drabavičius, A. et al. (2022). Adsorption of caesium and cobalt ions on the muscovite mica clay-graphene oxide- γ -Fe ₂ O ₃ -Fe ₃ O ₄ composite. <i>Environmental science and pollution research</i> , vol. 29 (iss. 49), p. 74933-74950. doi: 10.1007/s11356-022-21078-0	N 002 (50), N 003 (50)	11.2.	FTMC (8,246)
340.	FTMC (1)	5599707	Pačebutas, V., Karpus, V., Geižutis, A., Kamarauskas, M., Selskis, A., & Krotkus, A. (2022). Reduction of optical transition energy in composite GaInAsBi quantum wells. <i>Infrared physics and technology</i> , vol. 121, p. 1-5. doi: 10.1016/j.infrared.2021.104002	N 002 (80), N 003 (20)	11.2.	FTMC (7,248)
341.	FTMC (0,25)	5599747	Padrez, Y., Golubewa, L., Kulahava, T., Vladimirskaia, T., Semenkova, G., & Adzerikho, I. et al. (2022). Quantitative and qualitative analysis of pulmonary arterial hypertension fibrosis using wide-field second harmonic generation microscopy. <i>Scientific reports</i> , vol. 12, p. 1-11. doi: 10.1038/s41598-022-11473-5	N 002 (100)	11.2.	FTMC (3,963)
342.	VU (0,3636); FTMC (0,0909)	5599778	Pakalniškis, A., Alikin, D., Turygin, A., Zhaludkevich, A., Silibin, M., & Zhaludkevich, D. et al. (2022). Crystal structure and concentration-driven phase transitions in Lu(1-x)Sc _x FeO ₃ (0 ≤ x ≤ 1) prepared by the sol-gel method. <i>Materials</i> , vol. 15(iss. 3), p. [1-13]. doi: 10.3390/ma15031048	N 002 (50), N 003 (50)	11.2.	VU (4,848); FTMC (1,212)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
343.	FTMC (0,7222); VU (0,0556)	5599874	Pakštas, V., Grincienė, G., Selskis, A., Balakauskas, S., Talaikis, M., & Bruc, L. et al. (2022). Improvement of CZTSSe film quality and superstrate solar cell performance through optimized post- deposition annealing. <i>Scientific reports</i> , vol. 12, p. 1-9. doi: 10.1038/s41598-022-20670-1	N 002 (50), N 003 (40), N 004 (10)	11.2.	FTMC (6,61); VU (0,508)
344.	VU (0,375); FTMC (0,125)	5599918	Palaimienė, E., Macutkevič, J., Banys, J., Selskis, A., Apanasevich, N., & Kudlash, A. et al. (2022). Phosphate ceramics with silver nanoparticles for electromagnetic shielding applications. <i>Materials</i> , vol. 15(iss. 20), p. [1-9]. doi: 10.3390/ma15207100	N 002 (100)	11.2.	VU (3,162); FTMC (1,054)
345.	FTMC (1)	5599945	Parvin, M., Petrulevičienė, M., Savickaja, I., Šebeka, B., Karpič, R., & Grigucevičienė, A. et al. (2022). Influence of morphology on photoanodic behaviour of WO3 films in chloride and sulphate electrolytes. <i>Electrochimica acta</i> , vol. 403, p. 1-12. doi: 10.1016/j.electacta.2021.139710	N 002 (10), N 003 (90)	11.2.	FTMC (9)
346.	FTMC (0,7857)	5600072	Pashnev, D., Korotiev, V., Jorudas, J., Urbanovič, A., Prystawko, P., & Janonis, V. et al. (2022). Investigation of electron effective mass in AlGaIn/GaN heterostructures by THz spectroscopy of drude conductivity. <i>IEEE transactions on electron devices</i> , vol. 69 (no. 7), p. 3636-3640. doi: 10.1109/TED.2022.3177388	N 002 (100)	11.2.	FTMC (9,016)
347.	FTMC (1)	5600151	Paulauskas, T., Devenson, J., Stanionytė, S., Skapas, M., Karpus, V., & Čechavičius, B. et al. (2022). Epitaxial growth of GaAsBi on thin step-graded InGaAs buffer layers. <i>Semiconductor science and technology</i> , vol. 37(iss. 6), p. 1-8. doi: 10.1088/1361- 6641/ac61ff	N 002 (70), N 003 (30)	11.2.	FTMC (4,483)
348.	FTMC (1)	5600292	Paulauskas, T., Pačebutas, V., Geižutis, A., Kamarauskas, M., Drazdys, M., & Rudzikas, M. et al. (2022). Performance analysis of GaAsBi/InGaAs heterostructure for III-V multi-junction solar cells. <i>Solar energy materials and solar cells</i> , vol. 248, p. 1-8. doi: 10.1016/j.solmat.2022.112013	N 002 (70), N 003 (20)	11.2.	FTMC (8,873)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
349.	FTMC (1)	5600449	Pauraitė-Dudek, J., Minderytė, A., Dudoitis, V., Plauškaitė-Šukienė, K., & Byčenkienė, S. (2022). Effect of urban submicron particles on single scattering albedo: the case study of high pollution event. <i>Journal of quantitative spectroscopy and radiative transfer</i> , vol. 280, p. 1-8. doi: 10.1016/j.jqsrt.2022.108075	N 002 (100)	11.2.	FTMC (6,906)
350.	FTMC (1)	5600462	Petkevičiūtė, J., Sankauskaitė, A., Jasulaitienė, V., Varnaitė-Žuravlio, S., & Abraitienė, A. (2022). Impact of low-pressure plasma treatment of wool fabric for dyeing with PEDOT: PSS. <i>Materials</i> , vol. 15(iss. 14), p. 1-18. doi: 10.3390/ma15144797	N 003 (10)	11.2.	FTMC (0,596)
351.	FTMC (0,8333); VILNIUS TECH (0,0833); VU (0,0833)	5600567	Petrulevičienė, M., Juodkazytė, J., Savickaja, I., Karpič, R., Morkvėnaitė-Vilkončienė, I., & Ramanavičius, A. (2022). BiVO ₄ -based coatings for non-enzymatic photoelectrochemical glucose determination. <i>Journal of electroanalytical chemistry</i> , vol. 918, p. 1-28. doi: 10.1016/j.jelechem.2022.116446	N 003 (80)	11.2.	FTMC (5,616); VILNIUS TECH (0,562); VU (0,562)
352.	FTMC (0,8); VU (0,2)	5600584	Petrulevičienė, M., Parvin, M., Savickaja, I., Gečė, G., Naujokaitis, A., & Pakštas, V. et al. (2022). WO ₃ coatings for photoelectrochemical synthesis of persulfate: efficiency, stability and applicability. <i>Journal of solid state electrochemistry</i> , vol. 26 (iss. 4), p. 1021-1035. doi: 10.1007/s10008-022-05144-8	N 003 (100)	11.2.	FTMC (3,721); VU (0,93)
353.	FTMC (0,8); VU (0,1)	5600601	Petrulevičienė, M., Pilipavičius, J., Juodkazytė, J., Grjaznovs, D., & Vilčiauskas, L. (2022). Electrochemical performance of NASICON-structured Na _{3-x} V _{2-x} Ti _x (PO ₄) ₃ (0.0 < x < 1.0) as aqueous Na ⁺ ion battery positive electrodes. <i>Electrochimica acta</i> , vol. 424, p. 1-10. doi: 10.1016/j.electacta.2022.140580	N 003 (100)	11.2.	FTMC (10,182); VU (1,273)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
354.	VU (0,5714); FTMC (0,4286)	5600626	Piličiauskienė, G., Kurila, L., Ežerinskis, Ž., Šapolaitė, J., Garbaras, A., & Zagurskytė, A. et al. (2022). Horses in Lithuania in the Late Roman–Medieval period (3rd–14th C AD) burial sites: updates on size, age and dating. <i>Animals</i> , vol. 12(iss. 12), p. [1–25]. doi: https://doi.org/10.3390/ani12121549	N 002 (30)	11.2.	VU (1,903); FTMC (1,427)
355.	VU (0,8571); FTMC (0,1429)	5600641	Plikusienė, I., Mačiulis, V., Juciutė, S., Maciulevičienė, R., Balevičius, S., & Ramanavičius, A. et al. (2022). Investigation and comparison of specific antibodies' affinity interaction with SARS- CoV-2 wild-type, B.1.1.7, and B.1.351 spike protein by total internal reflection ellipsometry. <i>Biosensors</i> , vol. 12(iss. 5), p. 1- 12. doi: 10.3390/bios12050351	N 002 (30), N 003 (40)	11.2.	VU (5,32); FTMC (0,887)
356.	FTMC (0,6818); VILNIUS TECH (0,0909); VU (0,0455)	5600752	Žurauskienė, N., Stankevič, V., Keršulis, S., Vagner, M., Plaušinitienė, V., & Dobilas, J. et al. (2022). Enhancement of room-temperature low-field magnetoresistance in nanostructured lanthanum manganite films for magnetic sensor applications. <i>Sensors: Magnetic Sensors and Systems for Scientific and Industrial Applications</i> , vol. 22(iss. 11), p. 1-14. doi: 10.3390/s22114004	N 002 (50), N 003 (20)	11.2.	FTMC (5,565); VILNIUS TECH (0,742); VU (0,371)
357.	FTMC (0,6667); VU (0,2222); VILNIUS TECH (0,1111)	5600775	Žurauskienė, N., Keršulis, S., Rudokas, V., Vagner, M., Motiejutis, K., & Koliada, M. et al. (2022). Influence of preparation conditions on long-term stability of magnetoresistive properties of nanostructured La-Sr-Mn-Co-O films grown by PI MOCVD. <i>IEEE Transactions on magnetics</i> , vol. 58(iss. 2), p. 1-5. doi: 10.1109/TMAG.2021.3089101	N 002 (50), N 003 (20)	11.2.	FTMC (2,395); VU (0,798); VILNIUS TECH (0,399)
358.	FTMC (0,8462); LEI (0,0769); VU (0,0769)	5600807	Žukauskaitė, Z., Druteikienė, R., Tarasyuk, N., Tautkus, S., Niaura, G., & Ignatjev, I. et al. (2022). Separation of anthropogenic radionuclides from aqueous environment using raw and modified biosorbents. <i>Journal of environmental radioactivity</i> , vol. 244-245, p. 1-12. doi: 10.1016/j.jenvrad.2022.106829	N 002 (50), N 003 (40)	11.2.	FTMC (3,409); LEI (0,31); VU (0,31)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
359.	VU (0,5); FTMC (0,1667)	5600831	Zubovas, K., Bialopetravičius, J., & Kazlauskaitė, M. (2022). Determining active galactic nucleus luminosity histories using present-day outflow properties: a neural network-based approach. <i>Monthly notices of the Royal Astronomical Society</i> , vol. 515(iss. 2), p. 1705-1722. doi: 10.1093/mnras/stac1887	N 002 (100)	11.2.	VU (4,652); FTMC (1,551)
360.	VILNIUS TECH (0,75); FTMC (0,1667); VU (0,0833)	5600842	Zinovičius, A., Rožėnė, J., Merkelis, T., Bružaitė, I., Ramanavičius, A., & Morkvėnaitė-Vilkončienė, I. (2022). Evaluation of a yeast– polypyrrole biocomposite used in microbial fuel cells. <i>Sensors: Sensors Special Issue Affinity-Based Sensors</i> , vol. 22(iss.1), p. 1- 12. doi: 10.3390/s22010327	N 003 (10)	11.2.	VILNIUS TECH (0,618); FTMC (0,137); VU (0,069)
361.	FTMC (0,75); VU (0,25)	5600882	Zdaniauskienė, A., Talaikis, M., Charkova, T., Sadzevičienė, R., Labanauskas, L., & Niaura, G. (2022). Electrochemical shell- isolated nanoparticle-enhanced Raman spectroscopy of imidazole ring functionalized monolayer on smooth gold electrode. <i>Molecules</i> , vol. 27(iss. 19), p. 1-16. doi: 10.3390/molecules27196531	N 003 (70), N 004 (30)	11.2.	FTMC (5,366); VU (1,789)
362.	FTMC (1)	5600896	Zdaniauskienė, A., Ignatjev, I., Charkova, T., Talaikis, M., Lukša, A., & Šetkus, A. et al. (2022). Shell-isolated nanoparticle- enhanced Raman spectroscopy for probing riboflavin on graphene. <i>Materials</i> , vol. 15(iss. 5), p. 1-14. doi: 10.3390/ma15051636	N 002 (30), N 003 (70)	11.2.	FTMC (5,963)
363.	FTMC (0,9286); VU (0,0714)	5600917	Zambzickaitė, G., Talaikis, M., Dobilas, J., Stankevič, V., Drabavičius, A., & Niaura, G. et al. (2022). Microwave-assisted solvothermal synthesis of nanocrystallite-derived magnetite spheres. <i>Materials</i> , vol. 15(iss. 11), p. 1-16. doi: 10.3390/ma15114008	N 002 (20), N 003 (70)	11.2.	FTMC (4,983); VU (0,383)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
364.	FTMC (0,75); VU (0,25)	5600936	Žalnėravičius, R., & Ramanavičius, A. (2022). Enhancement of glucose oxidase-based bioanode performance by comprising <i>Spirulina platensis</i> microalgae lysate. <i>Journal of the electrochemical society</i> , vol. 169(iss. 5), p. 1-9. doi: 10.1149/1945-7111/ac7080	N 003 (100)	11.2.	FTMC (5,011); VU (1,67)
365.	FTMC (0,9); VU (0,1)	5600954	Žalnėravičius, R., Klimas, V., Naujokaitis, A., Jagminas, A., & Ramanavičius, A. (2022). Development of biofuel cell based on anode modified by glucose oxidase, <i>Spirulina platensis</i> -based lysate and multi-walled carbon nanotubes. <i>Electrochimica acta</i> , vol. 426, p. 1-11. doi: 10.1016/j.electacta.2022.140689	N 003 (100)	11.2.	FTMC (8,1); VU (0,9)
366.	VU (0,9286); FTMC (0,0714)	5600967	Zacharovas, E., Velička, M., Platkevičius, G., Čekauskas, A., Želvys, A., & Niaura, G. et al. (2022). Toward a SERS diagnostic tool for discrimination between cancerous and normal bladder tissues via analysis of the extracellular fluid. <i>ACS omega</i> , vol. 7 (no. 12), p. 10539-10549. doi: 10.1021/acsomega.2c00058	N 002 (70), N 003 (20)	11.2.	VU (5,148); FTMC (0,396)
367.	FTMC (0,1429)	5600985	Yao, P., Ni, H., Paul, D., Mašalaitė-Nalivaikė, A., Huang, R., & Meijer, H. et al. (2022). An automated method for thermal-optical separation of aerosol organic/elemental carbon for C-13 analysis at the sub-μgC level: A comprehensive assessment. <i>Science of the total environment</i> , vol. 804, p. 1-10. doi: 10.1016/j.scitotenv. 2021.150031	N 002 (100)	11.2.	FTMC (3,106)
368.	KTU (0,2857); FTMC (0,0714); VU (0,0714)	5601010	Vyšniauskas, A., Keegan, S., Rakstys, K., Seewald, T., Getautis, V., & Schmidt-Mende, L. et al. (2022). Elucidating the role of two- dimensional cations in green perovskite light emitting diodes. <i>Organic electronics</i> , vol. 111, p. 1-9. doi: 10.1016/j.orgel. 2022.106655	N 002 (30), N 003 (70)	11.2.	KTU (2,347); FTMC (0,587); VU (0,587)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
369.	VU (0,75); FTMC (0,25)	5601026	Vosylius, Ž., Novičkovas, A., Laurinavičius, K., & Tamošiūnas, V. (2022). Rational design of scalable solar simulators with arrays of light-emitting diodes and double reflectors. <i>IEEE journal of photovoltaics</i> , vol. 12(no. 2), p. 512-520. doi: 10.1109/JPHOTOV. 2021.3136783	N 002 (100)	11.2.	VU (4,063); FTMC (1,354)
370.	FTMC (0,1176)	5601037	Vindolet, B., Adam, M., Toraille, L., Chipaux, M., Hilberer, A., & Dupuy, G. et al. (2022). Optical properties of SiV and GeV color centers in nanodiamonds under hydrostatic pressures up to 180 GPa. <i>Physical review B</i> , vol. 106(iss. 21), p. 1-7. doi: 10.1103/PhysRevB.106.214109	N 002 (100)	11.2.	FTMC (1,973)
371.	VILNIUS TECH (0,8); FTMC (0,2)	5601062	Vėjelis, S., Vaitkus, S., Sankauskaitė, A., Kremensas, A., & Šeputytė-Jucikė, J. (2022). Textile waste from woollen yarn production as raw materials for thermal insulation products. <i>Fibres & Textiles in Eastern Europe</i> , vol. 30(iss. 5), p. 8-16. doi: 10.2478/ftee-2022-0039	N 003 (20)	11.2.	VILNIUS TECH (0,625); FTMC (0,156)
372.	FTMC (0,111)	5601076	Vardarli, E., Sakalas, P., & Schroter, M. (2022). A 5.9 mW E-/W- band SiGe-HBT LNA with 48 GHz 3-dB bandwidth and 4.5-dB noise figure. <i>IEEE microwave and wireless components letters</i> , vol. 32(iss. 12), p. 1451-1454. doi: 10.1109/LMWC.2022.3192488	N 002 (100)	11.2.	FTMC (1,302)
373.	FTMC (0,75); VU (0,25)	5601086	Tartėnas, M., & Zubovas, K. (2022). Improving black hole accretion treatment in hydrodynamical simulations. <i>Monthly notices of the Royal Astronomical Society</i> , vol. 516(iss. 2), p. 2522-2539. doi: 10.1093/mnras/stac2330	N 002 (100)	11.2.	FTMC (6,978); VU (2,326)
374.	FTMC (0,5714); VU (0,4286)	5601095	Tediashvili, D., Gečė, G., Pilipavičius, J., Daugėla, S., Šalkus, T., & Juodkazytė, J. et al. (2022). Synthesis, characterization, and degradation study of Mn-based phosphate frameworks (Na ₃ MnTi (PO ₄) ₃ , Na ₃ MnPO ₄ CO ₃ , Na ₄ Mn ₃ (PO ₄) ₂ P ₂ O ₇) as aqueous Na-ion battery positive electrodes. <i>Electrochimica acta</i> , vol. 417, p. 1- 10. doi: 10.1016/j.electacta.2022.140294	N 003 (100)	11.2.	FTMC (5,143); VU (3,857)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
375.	VU (0,5833); FTMC (0,4167)	5601110	Tamošiūnas, V., Minkevičius, L., Bučius, I., Jokubauskis, D., Redeckas, K., & Valušis, G. (2022). Design and performance of extraordinary low-cost compact terahertz imaging system based on electronic components and paraffin wax optics. <i>Sensors</i> , vol. 22(iss. 21), p. 1-11. doi: 10.3390/s22218485	N 002 (100)	11.2.	VU (4,809); FTMC (3,435)
376.	FTMC (0,0555)	5601131	Tomczewski, S., Węgrzyn, P., Borycki, D., Aukorius, E., Wojtkowski, M., & Curatolo, A. (2022). Light-adapted flicker optoretinograms captured with a spatio-temporal optical coherence-tomography (STOC-T) system. <i>Biomedical optics express</i> , vol. 13(iss. 4), p. 2186-2201. doi: 10.1364/BOE.444567	N 002 (100)	11.2.	FTMC (0,891)
377.	KTU (0,6); FTMC (0,2)	5601144	Tsiko, U., Volyniuk, D., Andrulevičienė, V., Leitonas, K., Sych, G., & Bezikonny, O. et al. (2022). Triphenylamino or 9-phenyl carbazoyl-substituted pyrimidine-5-carbonitriles as bipolar emitters and hosts with triplet harvesting abilities. <i>Materials today chemistry</i> , vol. 25, p. 1-13. doi: 10.1016/j.mtchem.2022.100955	N 002 (20)	11.2.	KTU (2,069); FTMC (0,69)
378.	FTMC (1)	5601163	Uogintė, I., Pleskytė, S., Pauraitė-Dudek, J., & Lujanienė, G. (2022). Seasonal variation and complex analysis of microplastic distribution in different WWTP treatment stages in Lithuania. <i>Environmental monitoring and assessment</i> , vol. 194, p. 1-18. doi: 10.1007/s10661-022-10478-x	N 002 (100)	11.2.	FTMC (5,231)
379.	FTMC (0,25)	5601175	Uslu, M., Kondrotas, R., Nedzinskas, R., Volobujeva, O., Timmo, K., & Kauk-Kuusik, M. et al. (2022). Study of the optical properties of Sb ₂ (Se _{1-x} S _x) ₃ (x = 0–1) solid solutions. <i>Materials science in semiconductor processing</i> , vol. 144, p. 1-6. doi: 10.1016/j.mssp.2022.106571	N 002 (50), N 003 (50)	11.2.	FTMC (2,604)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
380.	FTMC (0,6667)	5601193	Taha Abdelhamid Alfa, A., Casanova, F., Šimonis, P., Stankevič, V., Gomaa, M., & Stirkė, A. (2022). Pulsed electric field: fundamentals and effects on the structural and techno-functional properties of dairy and plant proteins. <i>Foods</i> , vol. 11(iss. 11), p. 1-20. doi: 10.3390/foods11111556	N 002 (100)	11.2.	FTMC (11,824)
381.	FTMC (0,4286); VU (0,2143)	5601207	Taha Abdelhamid Alfa, A., Casanova, F., Šimonis, P., Jonikaitė-Švėgždienė, J., Jurkūnas, M., & Gomaa, M. et al. (2022). Pulsed electric field-assisted glycation of bovine serum albumin/starch conjugates improved their emulsifying properties. <i>Innovative food science & emerging technologies</i> , vol. 82, p. 1-11. doi: 10.1016/j.ifset.2022.103190	N 002 (70), N 003 (30)	11.2.	FTMC (7,956); VU (3,977)
382.	FTMC (0,7); VILNIUS TECH (0,3)	5601225	Sužiedėlis, A., Ašmontas, S., Gradauskas, J., Čerškus, A., & Anbinderis, M. (2022). Indirect measurement of electron energy relaxation time at room temperature in two-dimensional heterostructured semiconductors. <i>Materials</i> , vol. 15(iss. 9), p. 1- 16. doi: 10.3390/ma15093224	N 002 (60)	11.2.	FTMC (2,504); VILNIUS TECH (1,073)
383.	FTMC (1)	5601242	Sukackienė, Z., Balčiūnaitė, A., Kepenienė, V., Vaičiūnienė, J., Stalnionis, G., & Pakštas, V. et al. (2022). Comparison of the activity of 3D binary or ternary cobalt coatings for hydrogen and oxygen evolution reactions. <i>Batteries</i> , vol. 8(iss. 9), p. 1-14. doi: 10.3390/batteries8090129	N 003 (100)	11.2.	FTMC (6,3)
384.	VU (0,3333); FTMC (0,1667)	5601309	Skrudienė, M., Juodvalkytė, R., Kemere, M., Ramanauskas, R., Sarakovskis, A., & Skaudžius, R. (2022). Enhanced optical properties of yttrium aluminum garnet with the yttrium vanadate impurity phase. <i>Heliyon</i> , vol. 8(iss. 11), p. 1-5. doi: 10.1016/j. heliyon.2022.e11386	N 003 (100)	11.2.	VU (2,776); FTMC (1,388)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
385.	FTMC (0,0909)	5601337	Siddiqui, S., Bahmid, N., Taha Abdelhamid Alfa, A., Abdel- Moneim, A., Shehata, A., & Tan, C. et al. (2022). Bioactive-loaded nanodelivery systems for the feed and drugs of livestock; purposes, techniques and applications. <i>Advances in colloid and interface science</i> , vol. 308, p. 1-17. doi: 10.1016/j.cis.2022.102772	N 002 (100)	11.2.	FTMC (5,215)
386.	FTMC (1)	5601356	Šermukšnis, E., Jorudas, J., Šimukovič, A., Kovalevskij, V., & Kašalynas, I. (2022). Self-heating of annealed Ti/Al/Ni/Au contacts to two-dimensional electron gas in AlGaIn/GaN heterostructures. <i>Applied sciences</i> , vol. 12(iss. 21), p. 1-17. doi: 10.3390/app122111079	N 002 (100)	11.2.	FTMC (5,311)
387.	FTMC (0,875); VILNIUS TECH (0,125)	5601379	Seliuta, D., Šlekas, G., Kamarauskas, A., & Kancleris, Ž. (2022). Guided lattice modes in terahertz metasurface deposited on ultrathin dielectric substrate. <i>IEEE transactions on terahertz science and technology</i> , vol. 12(iss. 4), p. 345-352. doi: 10.1109/TTHZ.2022.3180497	N 002 (70)	11.2.	FTMC (4,315); VILNIUS TECH (0,616)
388.	FTMC (0,2857); VU (0,2857)	5601403	Ščajev, P., Mekys, A., Subačius, L., Stanionytė, S., Kuciauskas, D., & Lynn, K. et al. (2022). Impact of dopant-induced band tails on optical spectra, charge carrier transport, and dynamics in single- crystal CdTe. <i>Scientific reports</i> , vol. 12(iss. 1), p. 1-10. doi: 10.1038/s41598-022-16994-7	N 002 (90), N 003 (10)	11.2.	FTMC (3,203); VU (3,203)
389.	VU (0,375); GTC (0,25); KU (0,1875); FTMC (0,125)	5601421	Šatavičė, E., Skridlaitė, G., Grigoravičiūtė-Puronienė, I., Kareiva, A., Selskienė, A., & Suzdalev, S. et al. (2022). Corded ware and contemporary hunter-gatherer pottery from Southeast Lithuania: Technological insights through geochemical and mineralogical approaches. <i>Minerals</i> , vol. 12(iss. 8), p. 1-39. doi: 10.3390/min12081006	N 003 (40), N 005 (40)	11.2.	VU (2,144); GTC (1,43); KU (1,072); FTMC (0,714)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
390.	FTMC (1)	5601443	Sabirovas, T., Ramanavičius, S., Naujokaitis, A., Niaura, G., & Jagminas, A. (2022). Design and characterization of nanostructured titanium monoxide films decorated with polyaniline species. <i>Coatings</i> , vol. 12(iss. 11), p. 1-11. doi: 10.3390/coatings12111615	N 003 (100)	11.2.	FTMC (6,075)
391.	VU (0,6667); FTMC (0,3333)	5601456	Rimkutė, G., Gudaitis, M., Barkauskas, J., Žarkov, A., Niaura, G., & Gaidukevič, J. (2022). Synthesis and characterization of graphite intercalation compounds with sulfuric acid. <i>Crystals</i> , vol. 12(iss. 3), p. [1-16]. doi: 10.3390/cryst12030421	N 003 (100)	11.2.	VU (3,578); FTMC (1,789)
392.	VU (1)	5603185	Žiaunys, M., Sakalauskas, A., Mikalauskaitė, K., & Smirnovas, V. (2022). Rapid restructuringization of conformationally-distinct alpha- synuclein amyloid fibrils at an elevated temperature. <i>PeerJ</i> , vol. 10, p. [1-16]. doi: 10.7717/peerj.14137	N 004 (40), N 010 (30)	11.2.	VU (3,238)
393.	VU (1)	5603208	Žiaunys, M., & Smirnovas, V. (2022). Exploring epigallocatechin- 3-gallate autoxidation products: specific incubation times required for emergence of anti-amyloid properties. <i>Antioxidants</i> , vol. 11(iss. 10), p. [1-15]. doi: 10.3390/antiox11101887	N 004 (40), N 010 (30)	11.2.	VU (7,628)
394.	VU (0,0238)	5603224	Zrimec, J., Fu, X., Muhammad, A., Skrekas, C., Jauniškis, V., & Speicher, N. et al. (2022). Controlling gene expression with deep generative design of regulatory DNA. <i>Nature communications</i> , vol. 13(iss. 1), p. [1-17]. doi: 10.1038/s41467-022-32818-8	N 004 (40), N 010 (30)	11.2.	VU (0,799)
395.	VU (1)	5603252	Karvelis, T., & Šikšnys, V. (2022). Molecular mechanisms of type II CRISPR-Cas systems. In <i>Crispr: biology and applications / Rodolphe Barrangou, Erik J. Sontheimer, Luciano A. Marraffini (eds.)</i> (p. 53-69). New York: Wiley.	N 004 (40), N 010 (30)	11.1.	VU (8,4)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
396.	VU (1)	5603268	Tomkuvienė, M., Kriukienė, E., & Klimašauskas, S. (2022). DNA labeling using DNA methyltransferases. In <i>DNA methyltransferases - role and function / editors Albert Jeltsch, Renata Z.Jurkowska</i> (chapter 19, p. 535-562). Cham: Springer.	N 004 (30), N 010 (30)	11.1.	VU (12)
397.	VU (1)	5603285	Žvirblytė, J., & Mažutis, L. (2022). Microfluidics for cancer biomarker discovery, research, and clinical application. In <i>Microfluidics and biosensors in cancer research: applications in cancer modeling and theranostics / editors: David Caballero, Subhas C. Kundu, Rui L. Reis</i> (chapter 20, p. 499-524). Cham: Springer Nature.	N 004 (30), N 010 (40)	11.1.	VU (12,95)
398.	VU (0,375); FTMC (0,25); KTU (0,25); VILNIUS TECH (0,125)	5603307	Šlekienė, N., Snitka, V., Bružaitė, I., & Ramanavičius, A. (2022). Influence of TiO ₂ and ZnO nanoparticles on α -Synuclein and β -Amyloid aggregation and formation of protein fibrils. <i>Materials</i> , vol. 15(iss. 21), p. 1-18. doi: 10.3390/ma15217664	N 002 (40), N 003 (30)	11.2.	VU (1,565); FTMC (1,043); KTU (1,043); VILNIUS TECH (0,522)
399.	FTMC (1)	5603322	Šlevas, P., Orlovas, S., Nacius, E., & Ulčinas, O. (2022). Azimuthally modulated axicon vortical beams for laser microprocessing. <i>Optics communications</i> , vol. 505, p. 1-7. doi: 10.1016/j.optcom.2021.127509	N 002 (100)	11.2.	FTMC (6,667)
400.	FTMC (1)	5603333	Staišiūnas, L., Kalinauskas, P., Juzeliūnas, E., Grigucevičienė, A., Leinartas, K., & Niaura, G. et al. (2022). Silicon passivation by ultrathin hafnium oxide layer for photoelectrochemical applications. <i>Frontiers in chemistry</i> , vol. 10, p. 1-10.	N 003 (100)	11.2.	FTMC (7,58)
401.	VU (0,375)	5603423	Podėnas, S., Park, S., Byun, H., & Podėnienė, V. (2022). Hexatoma ilwola Podenas, Park, Byun & Podeniene, 2022. <i>Neteikiama</i> . urn:lsid:zoobank.org:act:B06AD1FA-08E1-4074- AA77-2.	N 014 (100)	11.7.	VU (7,955)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
402.	VU (0,375)	5603454	Podėnas, S., Park, S., Byun, H., & Podėnienė, V. (2022). Hexatoma pianigra Podenas, Park, Byun & Podeniene, 2022. <i>Neteikiama</i> . urn:lsid:zoobank.org:act:5F5B56FA-5ACA-47B6- 97BF-D.	N 014 (100)	11.7.	VU (7,955)
403.	VU (0,375)	5603477	Podėnas, S., Park, S., Byun, H., & Podėnienė, V. (2022). Hexatoma serenensis Podenas, Park, Byun & Podeniene, 2022. <i>Neteikiama</i> . urn:lsid:zoobank.org:act:A5691FAE-C487-460B- 9A01-5.	N 014 (100)	11.7.	VU (7,955)
404.	VU (0,5)	5603518	Sruoga, V., & De Prins, J. (2022). Urodeta falcata Sruoga & De Prins, 2022. <i>Neteikiama</i> . urn:lsid:zoobank.org:act:50E30AD5- 4F6B-47E5-B9F9-3.	N 014 (100)	11.7.	VU (10,607)
405.	VU (1)	5603528	Sruoga, V. (2022). Elachista conspecta Sruoga, 2022. <i>Neteikiama</i> . urn:lsid:zoobank.org:act:CC1CFC4A-4EAE-48F8- 8CC4-0.	N 014 (100)	11.7.	VU (15)
406.	VU (1)	5603537	Sruoga, V. (2022). Elachista marginata Sruoga, 2022. <i>Neteikiama</i> . urn:lsid:zoobank.org:act:964AF530-61F3-4661- A5D0-0.	N 014 (100)	11.7.	VU (15)
407.	VU (1)	5603585	Sruoga, V. (2022). Elachista minor Sruoga, 2022. <i>Neteikiama</i> . urn:lsid:zoobank.org:act:AA68C74A-AE8D-4379-94A5-0.	N 014 (100)	11.7.	VU (15)
408.	VU (1)	5603593	Sruoga, V. (2022). Elachista simulans Sruoga, 2022. <i>Neteikiama</i> . urn:lsid:zoobank.org:act:21114906-6CA2-42EF-8D7A-B.	N 014 (100)	11.7.	VU (15)
409.	VU (0,5)	5603601	Starkevič, P., & Podėnas, S. (2022). Tipula levisoni Starkevich & Podenas in Starkevich, Podenas & Sivell, 2022. <i>Neteikiama</i> . urn:lsid:zoobank.org:act:7D95A140-6F3B-4577-8862-F.	N 014 (100)	11.7.	VU (7,5)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
410.	GTC (0,6667); FTMC (0,1667)	5603669	Stančikaitė, M., Zernitskaya, V., Kluczynska, G., Valūnas, D., Gedminienė, L., & Uogintas, D. et al. (2022). The Lateglacial and Early Holocene vegetation dynamics: new multi-proxy data from the central Belarus. <i>Quaternary international</i> , vol. 630, p. 121- 136. doi: 10.1016/j.quaint.2021.05.004	N 002 (20), N 005 (80)	11.2.	GTC (6,464); FTMC (1,616)
411.	FTMC (0,8333); VU (0,1667)	5603691	Stanionytė, S., Malinauskas, T., Niaura, G., Skapas, M., Devenson, J., & Krotkus, A. (2022). The crystalline structure of thin bismuth layers grown on silicon (111) substrates. <i>Materials</i> , vol. 15(iss. 14), p. 1-12. doi: 10.3390/ma15144847	N 002 (50), N 003 (50)	11.2.	FTMC (4,968); VU (0,994)
412.	FTMC (0,65); VILNIUS TECH (0,2); VU (0,05)	5603708	Stankevič, V., Žurauskienė, N., Keršulis, S., Plaušinitienė, V., Lukose, R., & Klimantavičius, J. et al. (2022). Nanostructured manganite films grown by pulsed injection MOCVD: tuning low- and high-field magnetoresistive properties for sensors applications. <i>Sensors</i> , vol. 22(iss. 2), p. 1-16. doi: 10.3390/s22020605	N 002 (40), N 003 (30)	11.2.	FTMC (5,305); VILNIUS TECH (1,633); VU (0,408)
413.	VU (0,6); FTMC (0,4)	5603743	Rimkutė, G., Niaura, G., Pauliukaitė, R., Gaidukevič, J., & Barkauskas, J. (2022). Wet synthesis of graphene-polypyrrole nanocomposites via graphite intercalation compounds. <i>Crystals</i> , vol. 12(iss. 12), p. 1-17. doi: 10.3390/cryst12121793	N 003 (50)	11.2.	VU (1,61); FTMC (1,073)
414.	FTMC (0,375); VILNIUS TECH (0,375); VU (0,25)	5603791	Samukaitė-Bubnienė, U., Ratautaitė, V., Ramanavičius, A., & Bučinskas, V. (2022). Conducting polymers for the design of tactile sensors. <i>Polymers: Special issue: High-Performance Polymeric Sensors II</i> , vol. 14(iss. 15), p. 1-20. doi: 10.3390/polym14152984	N 003 (10)	11.2.	FTMC (0,327); VILNIUS TECH (0,327); VU (0,218)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
415.	VILNIUS TECH (0,625); FTMC (0,2083); VU (0,0833)	5603847	Šapurov, M., Baškys, A., Pomarnacki, R., Serackis, A., Jankauskas, M., & Huynh, V. et al. (2022). Cascaded multilevel inverter-based asymmetric static synchronous compensator of reactive power. <i>Symmetry: Special issue "Advanced technologies in power quality and power disturbance data application"</i> , vol. 14(iss. 3), p. 1-14. doi: 10.3390/sym14030483	N 002 (50)	11.2.	VILNIUS TECH (2,044); FTMC (0,681); VU (0,273)
416.	FTMC (0,7); VU (0,3)	5603869	Pudžaitis, V., Talaikis, M., Sadzevičienė, R., Labanauskas, L., & Niaura, G. (2022). Electrochemical SEIRAS Analysis of Imidazole- Ring-Functionalized Self-Assembled Monolayers. <i>Materials</i> , vol. 15(iss. 20), p. 1-15. doi: 10.3390/ma15207221	N 003 (70), N 004 (30)	11.2.	FTMC (4,174); VU (1,789)
417.	KU (0,75)	5603881	Bagočius, D., & Narščius, A. (2022). The underwater sound levels of Lithuanian marine harbour. <i>Marine pollution bulletin</i> , vol. 185 (part A), p. 1-11. doi: 10.1016/j.marpolbul.2022.114335	N 009 (100)	11.2.	KU (7,618)
418.	FTMC (1)	5603901	Pyragas, V., & Pyragas, K. (2022). Mean-field equations for neural populations with q -Gaussian heterogeneities. <i>Physical review E</i> , vol. 105(iss. 4), p. 1-10. doi: 10.1103/PhysRevE.105.044402	N 002 (100)	11.2.	FTMC (7,85)
419.	FTMC (0,4286)	5603932	Radinović, K., Milikić, J., Balčiūnaitė, A., Sukackienė, Z., Bošković, M., & Tamašauskaitė-Tamašiūnaitė, L. et al. (2022). Low Au- content CoAu electrodes for environmental applications. <i>RSC advances</i> , vol. 12(iss. 40), p. 26134-26146. doi: 10.1039/D2RA04828K	N 003 (100)	11.2.	FTMC (4,422)
420.	FTMC (0,5); VU (0,5)	5604024	Ramanavičius, S., Jagminas, A., & Ramanavičius, A. (2022). Gas sensors based on titanium oxides (Review). <i>Coatings</i> , vol. 12(iss. 5), p. 1-17. doi: 10.3390/coatings12050699	N 003 (100)	11.2.	FTMC (3,037); VU (3,037)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
421.	FTMC (0,4047); VU (0,4047); VILNIUS TECH (0,119)	5604070	Ramanavičius, S., Morkvėnaitė-Vilkončienė, I., Samukaitė-Bubnienė, U., Ratautaitė, V., Plikusienė, I., & Viter, R. et al. (2022). Electrochemically deposited molecularly imprinted polymer-based sensors. <i>Sensors: Special issue: Affinity-based sensors</i> , vol. 22(iss. 3), p. 1-22. doi: 10.3390/s22031282	N 003 (50)	11.2.	FTMC (2,359); VU (2,359); VILNIUS TECH (0,694)
422.	LSU (0,625)	5604167	Kamandulis, S., Mickevičius, M., Snieckus, A., Streckis, V., Montiel-Rojas, D., & Chaillou, T. et al. (2022). Increasing the resting time between drop jumps lessens delayed-onset muscle soreness and limits the extent of prolonged low-frequency force depression in human knee extensor muscles. <i>European journal of applied physiology</i> , vol. 122, p. 255-266. doi: 10.1007/s00421-021-04834-x	N 010 (100)	11.2.	LSU (8,699)
423.	LSU (1)	5604184	Kamarauskas, P., & Conte, D. (2022). Changes in salivary markers during basketball long-term and short-term training periods: a systematic review. <i>Biology of sport</i> , vol. 39(iss. 3), p. 673-693. doi: 10.5114/biolsport.2022.107018	N 010 (100)	11.2.	LSU (13,879)
424.	LSU (1)	5604226	Kamarauskas, P., & Conte, D. (2022). The effect of basketball matches on salivary markers: A systematic review. <i>Biology of sport</i> , vol. 39(iss. 4), p. 797-808. doi: 10.5114/biolsport.2022.107481	N 010 (100)	11.2.	LSU (13,879)
425.	VU (0,6); FTMC (0,2)	5604270	Ramanavičius, S., Samukaitė-Bubnienė, U., Ratautaitė, V., Bechelany, M., & Ramanavičius, A. (2022). Electrochemical molecularly imprinted polymer based sensors for pharmaceutical and biomedical applications (review). <i>Journal of pharmaceutical and biomedical analysis</i> , vol. 215, p. 1-12. doi: 10.1016/j.jpba.2022.114739	N 003 (100)	11.2.	VU (6,11); FTMC (2,037)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
426.	FTMC (1)	5604283	Ratas, I., & Pyragas, K. (2022). Interplay of different synchronization modes and synaptic plasticity in a system of class I neurons. <i>Scientific reports</i> , vol. 12, p. 1-17. doi: 10.1038/s41598-022-24001-2	N 002 (100)	11.2.	FTMC (6,472)
427.	KU (0,2)	5604329	Ebrahimi, P., Abbasi, S., Pashaei, R., Bogusz, A., & Oleszczuk, P. (2022). Investigating impact of physicochemical properties of microplastics on human health: A short bibliometric analysis and review. <i>Chemosphere</i> , vol. 289, p. 1-15. doi: 10.1016/j.chemosphere.2021.133146	N 012 (100)	11.2.	KU (5,133)
428.	LSU (0,6667)	5604341	Kamarauskas, P., Lukonaitienė, I., Scanlan, A., Ferioli, D., Paulauskas, H., & Conte, D. (2022). Weekly fluctuations in salivary hormone responses and their relationships with load and well-being in semiprofessional, male basketball players during a congested in-season phase. <i>International journal of sports physiology and performance</i> , vol. 17(iss. 2), p. 263-269. doi: 10.1123/ijsp.2021-0106	N 010 (100)	11.2.	LSU (9,976)
429.	GTC (0,9375); KU (0,0625)	5604356	Jurgelėnė, Ž., Montvydienė, D., Stakėnas, S., Poviliūnas, J., Račkauskas, S., & Taraškevičius, R. et al. (2022). Impact evaluation of marking <i>Salmo trutta</i> with alizarin red S produced by different manufacturers. <i>Aquatic toxicology</i> , vol. 242, p. 1-12. doi: 10.1016/j.aquatox.2021.106051	N 012 (100)	11.2.	GTC (10,31); KU (0,687)
430.	LSU (0,0556)	5604402	Khanal, P., Morse, C., He, L., Herbert, A., Onambélé-Pearson, G., & Degens, H. et al. (2022). Polygenic models partially predict muscle size and strength but not low muscle mass in older women. <i>Genes</i> , vol. 13(iss. 6), p. 1-12. doi: 10.3390/genes13060982	N 010 (100)	11.2.	LSU (1,151)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
431.	KU (0,5237)	5604450	Žilius, M., Daunys, D., Bartoli, M., Marzocchi, U., Bonaglia, S., & Cardini, U. et al. (2022). Partitioning benthic nitrogen cycle processes among three common macrofauna holobionts. <i>Biogeochemistry</i> , vol. 157(iss. 2), p. 193-213. doi: 10.1007/s10533-021-00867-8	N 012 (100)	11.2.	KU (10,033)
432.	VU (0,6429); FTMC (0,3333)	5604470	Ratautaitė, V., Bogužaitė, R., Mickevičiūtė, M., Mikoliūnaitė, L., Samukaitė-Bubnienė, U., & Ramanavičius, A. et al. (2022). Evaluation of electrochromic properties of polypyrrole/poly (methylene blue) layer doped by polysaccharides. <i>Sensors</i> , vol. 22(iss. 1), p. [1-15]. doi: 10.3390/s22010232	N 003 (100)	11.2.	VU (5,3); FTMC (2,748)
433.	VU (0,625); FTMC (0,375)	5604527	Ratautaitė, V., Brazys, E., Ramanavičienė, A., & Ramanavičius, A. (2022). Electrochemical sensors based on l-tryptophan molecularly imprinted polypyrrole and polyaniline. <i>Journal of electroanalytical chemistry</i> , vol. 917, p. [1-10]. doi: 10.1016/j.jelechem.2022.116389	N 003 (100)	11.2.	VU (5,265); FTMC (3,159)
434.	GTC (0,4167); FTMC (0,3333); VU (0,25)	5604579	Raudonytė-Svirbutavičienė, E., Stakėnienė, R., Jokšas, K., Valiulis, D., Byčenkienė, S., & Žarkov, A. (2022). Distribution of polycyclic aromatic hydrocarbons and heavy metals in soil following a large tire fire incident: A case study. <i>Chemosphere</i> , vol. 286, p. 1-8. doi: 10.1016/j.chemosphere.2021.131556	N 002 (50), N 006 (50)	11.2.	GTC (4,782); FTMC (3,826); VU (2,87)
435.	FTMC (0,75); VU (0,25)	5604622	Judžentienė, A., Būdienė, J., Nedveckytė, I., & Garjonytė, R. (2022). Antioxidant and toxic activity of <i>Helichrysum arenarium</i> (L.) Moench and <i>Helichrysum italicum</i> (Roth) G. Don essential oils and extracts. <i>Molecules</i> , vol. 27(iss. 4), p. [1-19]. doi: 10.3390/molecules27041311	N 003 (70), N 012 (30)	11.2.	FTMC (5,366); VU (1,789)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
436.	FTMC (1)	5604636	Juodis, L., Maceika, E., Barisevičiūtė, R., Pabedinskas, A., Ežerinskis, Ž., & Šapolaitė, J. et al. (2022). Radiocarbon generation and atmospheric release assessment from nuclear power plant with RBMK type reactors. <i>Nuclear engineering and design</i> , vol. 394, p. 1-10. doi: 10.1016/j.nucengdes.2022.111822	N 002 (100)	11.2.	FTMC (7,409)
437.	KU (0,0385)	5604784	Zaiko, A., Greenfield, P., Abbott, C., von Ammon, U., Bilewitch, J., & Bunce, M. et al. (2022). Towards reproducible metabarcoding data: Lessons from an international cross-laboratory experiment. <i>Molecular ecology resources</i> , vol. 22(no. 2), p. 519-538. doi: 10.1111/1755-0998.13485	N 012 (100)	11.2.	KU (2,013)
438.	FTMC (1)	5604848	Juškėnas, R., Naujokaitis, A., Drabavičius, A., Pakštas, V., Vainauskas, D., & Kondrotas, R. (2022). Seed layer optimisation for ultra-thin Sb ₂ Se ₃ solar cells on TiO ₂ by vapour transport deposition. <i>Materials</i> , vol. 15(iss. 23), p. 1-10. doi: 10.3390/ma15238356	N 003 (100)	11.2.	FTMC (5,963)
439.	FTMC (1)	5604862	Kalinauskas, P., Staišiūnas, L., Grigučevičienė, A., Leinartas, K., Selskis, A., & Juzeliūnas, E. (2022). Photoelectrochemical and nanogravimetric study of electrolytic transformation of silicon- oxide interface. <i>Journal of the Electrochemical Society</i> , vol. 169 (iss. 3), p. 1-8. doi: 10.1149/1945-7111/ac5938	N 003 (100)	11.2.	FTMC (6,681)
440.	LSU (0,5)	5604901	Muanjai, P., Namsawang, J., Satkunsienė, D., & Kamandulis, S. (2022). Associations between muscle-tendon morphology and functional movements capacity, flexibility, and balance in older women. <i>International journal of environmental research and public health</i> , vol. 19(iss. 23), p. 1-11. doi: 10.3390/ijerph192316099	N 010 (100)	11.00	LSU (–)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
441.	FTMC (0,1667)	5604912	Källberg Normark, L., Liénart, C., Pillay, D., Garbaras, A., Savage, C., & Karlson, A. (2022). Isotopic niche size variability in an ecosystem engineer along a disturbance gradient in a South African lagoon. <i>Marine environmental research</i> , vol. 173, p. 1-10. doi: 10.1016/j.marenvres.2021.105541	N 002 (100)	11.2.	FTMC (2,279)
442.	LSU (0,0471)	5604925	Naderi, A., Mousavi, S., Katzman, W., Rostami, K., Goli, S., & Rezvani, M. et al. (2022). Kinesiotaping as an adjunct to exercise therapy for symptomatic and asymptomatic swimmers: a randomized controlled trial. <i>Science & sports</i> , vol. 37(iss. 5-6), p. 1-11. doi: 10.1016/j.scispo.2021.06.013	N 010 (100)	11.2.	LSU (0,54)
443.	KU (0,5)	5604951	Elyaagoubi, S., Umgieser, G., Maanan, M., Maicu, F., Mėžinė, J., & Hilmi, K. et al. (2022). Effects of groundwater inputs to the hydraulic circulation, water residence time, and salinity in a Moroccan Atlantic Lagoon. <i>Journal of marine science and engineering</i> , vol. 10(iss. 1), p. 1-20. doi: 10.3390/jmse10010069	N 012 (100)	11.2.	KU (9,185)
444.	VDU (0,3); LSU (0,2); VU (0,2)	5605066	Paulauskas, R., Nekriošius, R., Dadelienė, R., Sousa, A., & Figueira, B. (2022). Muscle oxygenation measured with near- infrared spectroscopy following different intermittent training protocols in a world-class kayaker. <i>Sensors</i> , vol. 22(iss. 21), p. 1- 16. doi: 10.3390/s22218238	N 010 (100)	11.2.	VDU (4,284); LSU (2,856); VU (2,856)
445.	LSU (0,3333)	5605079	Pernigoni, M., Conte, D., Calleja-González, J., Boccia, G., Romagnoli, M., & Ferioli, D. (2022). The application of recovery strategies in basketball: a worldwide survey. <i>Frontiers in physiology</i> , vol. 13, p. 1-7. doi: 10.3389/fphys.2022.887507.s001	N 010 (100)	11.2.	LSU (7,131)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
446.	LSU (0,9286)	5605092	Satkunskiene, D., Ardekani, M., Khair, R., Kutraite, G., Venckuniene, K., & Snieckus, A. et al. (2022). Effects of warm-up on hamstring stiffness, stress-relaxation, flexibility and knee proprioception in young soccer players. <i>Journal of athletic training</i> , vol. 57(iss. 5), p. 485-493. doi: 10.4085/1062-6050- 0416.20	N 010 (100)	11.2.	LSU (11,819)
447.	LSU (1)	5605121	Sipaviciene, S. (2022). The relationships between psychological well-being, emotions and coping in covid-19 environment: the gender aspect for postgraduate students. <i>International journal of environmental research and public health</i> , vol. 19(iss. 16), p. 1- 13. doi: 10.3390/ijerph191610132	N 010 (100)	11.00	LSU (–)
448.	LSU (1)	5605129	Solianik, R., Brazaitis, M., & Čekanauskaitė-Krušnauskienė, A. (2022). Tai chi effects on balance in older adults: the role of sustained attention and myokines. <i>The journal of sports medicine and physical fitness</i> , vol. 62(iss. 11), p. 1512-1518. doi: doi: 10.23736/S0022-4707.21.12990-1	N 010 (100)	11.2.	LSU (5,606)
449.	LSU (0,875)	5605139	Swaminathan, A., Cesanelli, L., Venckūnas, T., & Degens, H. (2022). Impact of methionine restriction on muscle aerobic metabolism and hypertrophy in young and old mice on an obesogenic diet. <i>Growth factors</i> , vol. 40(iss. 3-4), p. 108-118. doi: 10.1080/08977194.2022.2083963	N 010 (100)	11.2.	LSU (4,931)
450.	LSU (1)	5605160	Venckunas, T., & Balsys, D. (2022). Pulmonary function as a limiting factor of middle distance race performance. <i>The journal of sports medicine and physical fitness</i> , vol. 62(iss. 1), p. 1-8. doi: 10.23736/S0022-4707.21.12042-0	N 010 (100)	11.2.	LSU (5,606)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
451.	LSU (1)	5605175	Venckunas, T., Bruzas, V., Stasiulis, A., Snieckus, A., Mockus, P., & Kamandulis, S. (2022). Cardiorespiratory responses to specific and nonspecific exercise in high-profile amateur boxers. <i>Journal of strength and conditioning research</i> , vol. 36(iss. 3), p. 717-722. doi: 10.1519/JSC.0000000000003496	N 010 (100)	11.2.	LSU (8,788)
452.	LSU (0,75)	5605189	Venckunas, T., & Degens, H. (2022). Genetic polymorphisms of muscular fitness in young healthy men. <i>PloS one</i> , vol. 17(iss. 9), p. 1-17. doi: 10.1371/journal.pone.0275179.r004	N 010 (100)	11.2.	LSU (5,937)
453.	LSU (0,1667)	5605199	Vencúrik, T., Milanović, Z., Lazić, A., Li, F., Matulaitis, K., & Rupčić, T. (2022). Performance factors that negatively influence shooting efficiency in women's basketball. <i>Frontiers in physiology</i> , vol. 13, p. 1-10. doi: 10.3389/fphys.2022.1042718	N 010 (100)	11.2.	LSU (3,906)
454.	KU (0,7857)	5605214	Vybernaitė-Lubienė, I., Žilius, M., Bartoli, M., Petkuvienė, J., Zemlys, P., & Magri, M. et al. (2022). Biogeochemical budgets of nutrients and metabolism in the Curonian Lagoon (South East Baltic Sea): spatial and temporal variations. <i>Water</i> , vol. 14(iss. 2), p. 1-18. doi: 10.3390/w14020164	N 012 (100)	11.2.	KU (6,822)
455.	FTMC (0,9375); VILNIUS TECH (0,0625)	5605229	Kamarauskas, A., Seliuta, D., Šlekas, G., Sadauskas, M., Kvietkauskas, E., & Trusovas, R. et al. (2022). Experimental demonstration of multiple Fano resonances in a mirrored array of split-ring resonators on a thick substrate. <i>Scientific reports</i> , vol. 12, p. 1-9. doi: 10.1038/s41598-022-20434-x	N 002 (50)	11.2.	FTMC (3,034); VILNIUS TECH (0,202)
456.	VU (0,8); FTMC (0,2)	5605248	Karoblis, D., Mažeika, K., Raudonis, R., Žarkov, A., & Kareiva, A. (2022). Sol-Gel synthesis and characterization of yttrium-doped MgFe ₂ O ₄ spinel. <i>Materials</i> , vol. 15(iss. 21), p. 1-10. doi: 10.3390/ma15217547	N 002 (100)	11.2.	VU (4,77); FTMC (1,193)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
457.	LSU (0,6154); LSMU (0,2308); VU (0,0385)	5605260	Vints, W., Kušleikiene, S., Sheoran, S., Šarkinaite, M., Valatkevičienė, K., & Gleizniene, R. et al. (2022). Inflammatory blood biomarker kynurenine is linked with elevated neuroinflammation and neurodegeneration in older adults: evidence from two 1H-MRS post-processing analysis methods. <i>Frontiers in psychiatry</i> , vol. 13, p. 1-14. doi: 10.3389/fpsyt.2022.859772.s001	N 010 (50)	11.2.	LSU (4,912); LSMU (1,842); VU (0,307)
458.	VU (0,8); FTMC (0,2)	5605282	Katelnikovas, A., Steponavičiūtė, M., Ežerskytė, E., Drabavičius, A., & Klimkevičius, V. (2022). Ultrasound-induced synthesis of all- inorganic lead perovskite quantum dots: fast, simple, and highly reproducible. <i>Materials today chemistry</i> , vol. 26, p. [1-7]. doi: 10.1016/j.mtchem.2022.101163	N 003 (90)	11.2.	VU (7,168); FTMC (1,792)
459.	LSU (0,1667)	5605330	Ziv, G., Lidor, R., & Levin, O. (2022). Providing choice of feedback affects perceived choice but does not affect performance. <i>PeerJ</i> , vol. 10, p. 1-14. doi: 10.7717/peerj.13631	N 010 (100)	11.2.	LSU (1,335)
460.	LSU (0,1667)	5605341	Ziv, G., Lidor, R., & Levin, O. (2022). Reaction time and working memory in middle-aged gamers and non-gamers. <i>Acta psychologica</i> , vol. 228, p. 388-407. doi: 10.1016/j.actpsy.2022.103666	N 010 (100)	11.2.	LSU (1,56)
461.	VU (0,4); FTMC (0,3)	5605351	Kavaliauskaitė, J., Kazlauskaitė, A., Lazutka, J., Mozolevskis, G., & Stirkė, A. (2022). Pulsed electric fields alter expression of NF-κB promoter-controlled gene. <i>International journal of molecular sciences</i> , vol. 23(iss. 1), p. 1-15. doi: 10.3390/ijms23010451	N 002 (50), N 010 (50)	11.2.	VU (4,68); FTMC (3,51)
462.	FTMC (1)	5605436	Kazakevičiūtė-Jakučiūnienė, L., Tarasyuk, N., Maceika, E., Druteikienė, R., Ežerinskis, Ž., & Šapolaitė, J. et al. (2022). Analysis of the vertical distribution of 137Cs and 239,240Pu in waterlogged and non-boggy soils by the sequential extraction method. <i>Journal of Environmental Radioactivity</i> , vol. 253-254, p. 1-10. doi: 10.1016/j.jenvrad.2022.106990	N 002 (100)	11.2.	FTMC (4,477)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
463.	FTMC (0,5); VU (0,5)	5605464	Misevičius, M., Harnik, A., & Ramanauskas, R. (2022). Luminescence properties of Tb-doped SrAl ₄ O ₇ . <i>Journal of solid state chemistry</i> , vol. 312, p. 1-5. doi: 10.1016/j.jssc.2022.123251	N 003 (100)	11.2.	FTMC (2,867); VU (2,867)
464.	VILNIUS TECH (0,9167); FTMC (0,0833)	5605475	Morkvėnaitė-Vilkončienė, I., Bučinskas, V., Subačiūtė-Žemaitienė, J., Šutins, E., Viržonis, D., & Dzedzickis, A. (2022). Development of electrostatic microactuators: 5-year progress in modeling, design, and applications. <i>Micromachines: Special issue: Feature papers of micromachines in physics 2022</i> , vol. 13(iss. 8), p. 1-24. doi: 10.3390/mi13081256	N 003 (10)	11.2.	VILNIUS TECH (0,585); FTMC (0,053)
465.	VU (0,8); FTMC (0,2)	5605501	Murauskas, T., Kubilius, V., Raudonis, R., Skapas, M., & Plaušnaitienė, V. (2022). Structure modification, evolution, and compositional changes of highly conductive La:BaSnO ₃ thin films annealed in vacuum and air atmosphere. <i>Nanomaterials</i> , vol. 12 (no. 14), p. [1-13]. doi: 10.3390/nano12142408	N 003 (100)	11.2.	VU (6,244); FTMC (1,561)
466.	FTMC (1)	5605602	Nacys, A., Šimkūnaitė, D., Balčiūnaitė, A., Zabelaitė, A., Upskuvienė, D., & Šebeka, B. et al. (2022). An enhanced oxidation of formate on PtNi/Ni foam catalyst in an alkaline medium. <i>Crystals</i> , vol. 12(iss. 3), p. 1-18. doi: 10.3390/cryst12030362	N 002 (10), N 003 (90)	11.2.	FTMC (5,367)
467.	FTMC (0,5); VILNIUS TECH (0,5)	5605622	Minderytė, A., Pauraitė-Dudek, J., Dudoitis, V., Plauškaitė-Šukienė, K., Kilikevičius, A., & Matijošius, J. et al. (2022). Carbonaceous aerosol source apportionment and assessment of transport-related pollution. <i>Atmospheric environment</i> , vol. 279, p. 1-26. doi: 10.1016/j.atmosenv.2022.119043	N 002 (100)	11.2.	FTMC (3,976); VILNIUS TECH (3,976)
468.	FTMC (0,6429); VU (0,0714)	5605641	Mikoliūnaitė, L., Talaikis, M., Michalowska, A., Dobilas, J., Stankevič, V., & Kudelski, A. et al. (2022). Thermally stable magneto-plasmonic nanoparticles for SERS with tunable plasmon resonance. <i>Nanomaterials</i> , vol. 12(iss. 16), p. 1-16. doi: 10.3390/nano12162860	N 002 (40), N 003 (60)	11.2.	FTMC (7,096); VU (0,788)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
469.	VU (0,4286); FTMC (0,2857)	5605658	Mikalčiūtė, A., Gelžinis, A., Mačernis, M., Büchel, C., Robert, B., & Valkūnas, L. et al. (2022). Structure-based model of fucoxanthin-chlorophyll protein complex: Calculations of chlorophyll electronic couplings. <i>The journal of chemical physics</i> , vol. 156 (iss. 23), p. 1-10. doi: 10.1063/5.0092154	N 002 (100)	11.2.	VU (5,092); FTMC (3,395)
470.	FTMC (1)	5605701	Mažeikienė, R., Niaura, G., & Malinauskas, A. (2022). Raman spectroelectrochemical study of poly(N-methylaniline) at UV, blue, red, and NIR laser line excitations in solutions of different pH. <i>Spectrochimica acta part A: Molecular and biomolecular spectroscopy</i> , vol. 274, p. 1-11. doi: 10.1016/j.saa.2022.121109	N 003 (100)	11.2.	FTMC (13,407)
471.	FTMC (0,7059)	5605722	Mašalaitė-Nalivaikė, A., Byčenkienė, S., Pauraitė, J., Garbarienė, I., el Haddad, I., & Bozzetti, C. et al. (2022). Seasonal observation and source apportionment of carbonaceous aerosol from forested rural site (Lithuania). <i>Atmospheric environment</i> , vol. 272, p. 1-12. doi: 10.1016/j.atmosenv.2021.118934	N 002 (100)	11.2.	FTMC (11,227)
472.	VU (0,7857); FTMC (0,2143)	5605770	Maleckaitė, K., Narkevičius, D., Žilėnaitė, R., Dodonova- Vaitkūnienė, J., Toliautas, S., & Tumkevičius, S. et al. (2022). Give or take: effects of electron-accepting/-withdrawing groups in red- fluorescent BODIPY molecular rotors. <i>Molecules</i> , vol. 27(iss. 1), p. 1-14. doi: 10.3390/molecules27010023	N 002 (60), N 003 (40)	11.2.	VU (5,62); FTMC (1,533)
473.	VU (0,6); FTMC (0,4)	5605786	Maleckaitė, K., Dodonova-Vaitkūnienė, J., Žilėnaitė, R., Tumkevičius, S., & Vyšniauskas, A. (2022). Red fluorescent BODIPY molecular rotor for high microviscosity environments. <i>Methods and applications in fluorescence</i> , vol. 10(iss. 3), p. 1-8. doi: 10.1088/2050-6120/ac7943	N 002 (70), N 003 (30)	11.2.	VU (3,408); FTMC (2,272)
474.	VU (0,2143); FTMC (0,0714)	5605800	Mačernis, M., Streckaitė, S., Litvin, R., Pascal, A., Llansola- Portoles, M., & Robert, B. et al. (2022). Electronic and vibrational properties of allene carotenoids. <i>Journal of physical chemistry A</i> , vol. 126, p. 813-824. doi: 10.1021/acs.jpca.1c09393.s001	N 002 (100)	11.2.	VU (2,23); FTMC (0,743)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
475.	FTMC (0,6667); KTU (0,1667)	5605837	Maciaszek, M., Razinkovas, L., & Alkauskas, A. (2022). Thermodynamics of carbon point defects in hexagonal boron nitride. <i>Physical review materials</i> , vol. 6(iss. 1), p. 1-13. doi: 10.1103/PhysRevMaterials.6.014005	N 002 (100)	11.2.	FTMC (5,505); KTU (1,376)
476.	FTMC (0,5); KU (0,125)	5605858	Lujanienė, G., Šilobritienė, B., Tracevičienė, D., Šemčuk, S., Romanenko, V., & Garnaga-Budrė, G. et al. (2022). Distribution of 241Am and Pu isotopes in the Curonian Lagoon and the south- eastern Baltic Sea seawater, suspended particles, sediments and biota. <i>Journal of environmental radioactivity</i> , vol. 249, p. 1-11. doi: 10.1016/j.jenvrad.2022.106892	N 002 (90), N 012 (10)	11.2.	FTMC (3,166); KU (0,791)
477.	FTMC (0,8182); GTC (0,1818)	5605876	Lujanienė, G., Novikau, R., Joel, E., Karalevičiūtė, K., Šemčuk, S., & Mažeika, K. et al. (2022). Preparation of graphene oxide- maghemite-chitosan composites for the adsorption of europium Ions from aqueous solutions. <i>Molecules</i> , vol. 27(iss. 22), p. 1-20.	N 002 (80), N 005 (10), N 006 (10)	11.2.	FTMC (5,852); GTC (1,301)
478.	FTMC (0,9286); VU (0,0714)	5605898	Koroliov, A., Reklaitis, J., Barkauskas, V., Varsockaja, K., Germanas, D., & Plukis, A. et al. (2022). Study of K α X-ray flux angular distribution in Cu and KBr targetss. <i>European physical journal D</i> , vol. 76(iss. 9), p. 1-6. doi: 10.1140/epjd/s10053-022- 00499-z	N 002 (100)	11.2.	FTMC (5,085); VU (0,391)
479.	VU (0,8333)	5605942	Galinskaitė, L., Ulevičius, A., Valskys, V., Samas, A., Busher, P., & Ignatavičius, G. (2022). The influence of landscape structure on wildlife– vehicle collisions: geostatistical analysis on hot spot and habitat proximity relations. <i>ISPRS International journal of geo- information</i> , vol. 11(iss. 1), p. [1-12]. doi: 10.3390/ijgi11010063	N 006 (40), N 012 (60)	11.2.	VU (8,525)
480.	VU (0,5556)	5605974	Ghodousi, M., Pousson, J., Voicikas, A., Bernhofs, V., Pipinis, E., & Tarailis, P. et al. (2022). EEG connectivity during active emotional musical performance. <i>Sensors</i> , vol. 22(iss. 11), p. [1-12]. doi: 10.3390/s22114064	N 011 (100)	11.2.	VU (7,933)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
481.	FTMC (0,9167)	5606002	Lagzdina, E., Lingis, D., Plukis, A., Plukienė, R., Germanas, D., & Garbaras, A. et al. (2022). Structural and radiological characterization of irradiated RBMK-1500 reactor graphite. <i>Nuclear engineering and technology</i> , vol. 54(iss. 1), p. 234-243. doi: 10.1016/j.net.2021.07.039	N 002 (80), N 003 (20)	11.2.	FTMC (9,709)
482.	VU (1)	5606024	Gorban, I., & Podėnienė, V. (2022). Dipteran (Bibionomorpha and Tipulomorpha) diversity in dead wood in Lithuania. <i>Biodiversity data journal</i> , vol. 10, p. [1-12]. doi: 10.3897/BDJ.10.e85034	N 014 (100)	11.2.	VU (4,459)
483.	FTMC (0,0357)	5606046	Lamberti, P., La Mura, M., Tucci, V., Nkyalu, E., Khan, A., & Yakovleva, M. et al. (2022). The performance of graphene- enhanced THz grating: impact of the gold layer imperfectness. <i>Materials</i> , vol. 15(iss. 3), p. 1-13. doi: 10.3390/ma15030786	N 002 (100)	11.2.	FTMC (0,563)
484.	FTMC (1)	5606113	Laurinavičius, K., Orlovas, S., & Gajauskaitė, A. (2022). Azimuthally and radially polarized pulsed Bessel-X vortices. <i>Optik</i> , vol. 270, p. 1-11. doi: 10.1016/j.ijleo.2022.169998	N 002 (100)	11.2.	FTMC (8,028)
485.	FTMC (0,5); VU (0,3571)	5606124	Levinas, R., Griguzevičienė, A., Kubilius, T., Matijošius, A., Tamašauskaitė-Tamašiūnaitė, L., & Cesiulis, H. et al. (2022). Femtosecond laser-ablated copper surface as a substrate for a MoS ₂ -based hydrogen evolution reaction electrocatalyst. <i>Materials</i> , vol. 15(iss. 11), p. 1-20. doi: 10.3390/ma15113926	N 003 (100)	11.2.	FTMC (4,216); VU (3,012)
486.	FTMC (0,2)	5606184	Liénart, C., Garbaras, A., Qvarfordt, S., Walve, J., & Karlson, A. (2022). Spatio-temporal variation in stable isotope and elemental composition of key-species reflect environmental changes in the Baltic Sea. <i>Biogeochemistry</i> , vol. 157(iss. 2), p. 149-170. doi: 10.1007/s10533-021-00865-w	N 002 (100)	11.2.	FTMC (2,048)
487.	VU (0,75)	5606196	Grikšienė, R., Gaižauskaitė, R., Pretkelytė, I., & Hausmann, M. (2022). Lateral bias in visual working memory. <i>Symmetry</i> , vol. 14 (iss. 12), p. 1-18. doi: 10.3390/sym14122509	N 011 (100)	11.2.	VU (4,906)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
488.	FTMC (0,3333); VU (0,3333)	5606208	Linauskienė, K., Dahlin, J., Ežerinskis, Ž., Isaksson, M., Šapolaitė, J., & Malinauskienė, L. (2022). The penetration of chromium: an up-to-date 0.5% potassium dichromate vehicle comparison. <i>Dermatitis</i> , vol. 33(no. 5), p. 368-372. doi: 10.1097/DER.0000000000000805	N 002 (20)	11.2.	FTMC (1,169); VU (1,169)
489.	FTMC (1)	5606223	Lingis, D., Gaspariūnas, M., Kovalevskij, V., Plukis, A., & Remeikis, V. (2022). A model to simulate large angle Rutherford backscattering spectra in GEANT4. <i>Computer physics communications</i> , vol. 271, p. 1-12. doi: 10.1016/j.cpc.2021.108187	N 002 (100)	11.2.	FTMC (12,725)
490.	VU (1)	5606236	Grikšienė, R., Mončiunskaitė, R., & Rukšėnas, O. (2022). What is there to know about the effects of progestins on the human brain and cognition? <i>Frontiers in neuroendocrinology</i> , vol. 67, p. [1-24]. doi: 10.1016/j.yfrne.2022.101032	N 011 (100)	11.2.	VU (12,878)
491.	FTMC (1)	5606276	Lingis, D., Gaspariūnas, M., Plukis, A., & Remeikis, V. (2022). Improvements and validation of particle channeling model in GEANT4. <i>Nuclear instruments and methods in physics research B: Beam interactions with materials and atoms</i> , vol. 525, p. 1-12. doi: 10.1016/j.nimb.2022.05.007	N 002 (100)	11.2.	FTMC (4,905)
492.	VU (0,2857)	5606310	Grybchuk, D., Procházková, M., Füzik, T., Konovalovas, A., Serva, S., & Yurchenko, V. et al. (2022). Structures of L-BC virus and its open particle provide insight into Totivirus capsid assembly. <i>Communications biology</i> , vol. 5(no. 1), p. 1-10. doi: 10.1038/s42003-022-03793-z	N 004 (100)	11.2.	VU (5,532)
493.	VU (0,5); FTMC (0,3)	5606359	Liustrovaitė, V., Drobysh, M., Ručinskienė, A., Baradokė, A., Ramanavičienė, A., & Plikusienė, I. et al. (2022). Towards an electrochemical immunosensor for the detection of antibodies against SARS-CoV-2 spike protein. <i>Journal of the electrochemical society</i> , vol. 169(iss. 3), p. 1-7. doi: 10.1149/1945-7111/ac5d91	N 003 (100)	11.2.	VU (5,786); FTMC (3,472)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
494.	VU (0,1667)	5606377	Guzulaitis, R., Godenzini, L., & Palmer, L. (2022). Neural basis of anticipation and premature impulsive action in the frontal cortex. <i>Nature neuroscience, first on line</i> , p. [1-25]. doi: 10.1038/s41593- 022-01198-z	N 010 (50), N 011 (50)	11.2.	VU (9,438)
495.	FTMC (0,9); VILNIUS TECH (0,1)	5606389	Kepenienė, V., Stagniūnaitė, R., Rafique, S., Vaičiūnienė, J., Jasulaitienė, V., & Pakštas, V. et al. (2022). Pd-supported Co3O4/C catalysts as promising electrocatalytic materials for oxygen reduction reaction. <i>Catalysts</i> , vol. 12(iss. 8), p. 1-15. doi: 10.3390/catal12080920	N 003 (100)	11.2.	FTMC (5,076); VILNIUS TECH (0,564)
496.	LSMU (0,1111); VU (0,0556)	5606427	Ianevski, A., Yao, R., Simonsen, R., Myhre, V., Ravlo, E., & Kaynova, G. et al. (2022). Mono- and combinational drug therapies for global viral pandemic preparedness. <i>iScience</i> , vol. 25(no. 4), p. 6716-6729. doi: 10.1016/j.isci.2022.104112	N 010 (50)	11.2.	LSMU (1,2); VU (0,6)
497.	FTMC (0,1818)	5606656	Khundadze, N., Küppers, C., Kammer, B., Garbaras, A., Mašalaitė-Nalivaikė, A., & Wissel, H. et al. (2022). Benchmarking source specific isotopic ratios of levoglucosan to better constrain the contribution of domestic heating to the air pollution. <i>Atmospheric environment</i> , vol. 268, p. 1-9. doi: 10.1016/j.atmosenv. 2021.118842	N 002 (100)	11.2.	FTMC (2,892)
498.	FTMC (1)	5606687	Kiprijanovič, O., & Ardaravičius, L. (2022). Descriptive model of the transition from superconducting to normal state in thin high quality YBaCuO films by nanosecond electrical pulses. <i>Thin solid films</i> , vol. 748, p. 1-7. doi: 10.1016/j.tsf.2022.139159	N 002 (100)	11.2.	FTMC (4,48)
499.	FTMC (0,0625)	5606720	Kirch, A., Fischer, A., Werberger, R., Aabi Soflaa, S., Maleckaitė, K., & Imbrasas, P. et al. (2022). Simple strategy to measure the contact resistance between metals and doped organic films. <i>Physical review applied</i> , vol. 18(iss. 3), p. 1-11. doi: 10.1103 /PhysRevApplied.18.034017	N 002 (100)	11.2.	FTMC (0,714)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
500.	FTMC (1)	5606805	Klimas, V., Naujokaitis, A., Jančauskas, S., & Jagminas, A. (2022). Anodising of aluminium in formate solutions with formation of porous alumina arrays. <i>Transactions of the IMF</i> , vol. 100(no. 6), p. 333-341. doi: 10.1080/00202967.2022.2110305	N 003 (100)	11.2.	FTMC (4,729)
501.	FTMC (0,5556); VDU (0,2222)	5606826	Kondrotas, R., Nedzinskas, R., Krustok, J., Grossberg, M., Talaikis, M., & Tumėnas, S. et al. (2022). Photorefectance and photoluminescence study of antimony selenide crystals. <i>ACS applied energy materials</i> , vol. 5(iss. 12), p. 14769-14778. doi: 10.1021/acsaem.2c02131.s001	N 002 (100)	11.2.	FTMC (6,796); VDU (2,718)
502.	VU (0,5833); GTC (0,25)	5607018	Ignatavičius, G., Satkūnas, J., Grigienė, A., Nedveckytė, I., Rahidul Hassan, H., & Valskys, V. (2022). Heavy metals in sapropel of lakes in suburban territories of Vilnius (Lithuania): reflections of paleoenvironmental conditions and anthropogenic influence. <i>Minerals</i> , vol. 12(no. 1), p. [1-19]. doi: 10.3390/min12010017	N 006 (40), N 012 (60)	11.2.	VU (4,168); GTC (1,787)
503.	VU (0,4167); GTC (0,25)	5607032	Ignatavičius, G., Unsal, M., Busher, P., Wołkiewicz, S., Satkūnas, J., & Valskys, V. (2022). Mercury and methylmercury in Baltic Sea sediments, and Polish and Lithuanian soils. <i>Geological quarterly</i> , vol. 66, p. 1-8. doi: 10.7306/gq.1654	N 005 (100)	11.2.	VU (3,548); GTC (2,129)
504.	GTC (0,7143); VU (0,1429)	5607075	Ivanauskas, A., Valiūnas, D., Rimšaitė, J., Danilov, J., Šneideris, D., & Žižytė-Eidetienė, M. et al. (2022). New genetically distinct phytoplasmas and insect carriers associated with pine tree disease revealed by a survey in the Curonian Spit, Lithuania. <i>Canadian journal of forest research</i> , vol. 52(iss. 1), p. 1-8. doi: 10.1139/cjfr-2021-0152	N 010 (80), N 014 (20)	11.2.	GTC (7,206); VU (1,441)
505.	GTC (0,6667); VU (0,3333)	5607252	Jukonienė, I., Kalvaitienė, M., & Rasimavičius, M. (2022). On the distribution of some rare bryophyte species following revision of the K. Szafnagel collection. <i>Herzogia</i> , vol. 35(iss. 1), p. 155-162. doi: 10.13158/heia.35.1.2022.155	N 010 (30), N 013 (70)	11.00	GTC (–); VU (–)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
506.	GTC (0,75); VU (0,25)	5607293	Jukonienė, I., Ričkienė, A., Kalvaitienė, M., & Rasimavičius, M. (2022). Zapiski bryologiczne by Kazimierz Szafnagel and his herbarium in the historical context of bryological studies in Lithuania and adjacent regions. <i>Acta Societatis Botanicorum Poloniae</i> , vol. 91, p. [1-15]. doi: 10.5586/asbp.9127	N 012 (30), N 013 (70)	11.00	GTC (–); VU (–)
507.	VU (0,8636); VUL SK (0,0455)	5607370	Juškienė, I., Prokopčiuk, N., Franck, U., Valiulis, A., Valskys, V., & Meščeriakova, V. et al. (2022). Indoor air pollution effects on pediatric asthma are submicron aerosol particle–dependent. <i>European journal of pediatrics</i> , vol. 181(iss. 6), p. 2469-2480. doi: 10.1007/s00431-022-04443-6	N 012 (10)	11.2.	VU (1,556); VUL SK (–)
508.	VU (0,5); GTC (0,25)	5607407	Kamarauskaitė, A., Dementavičius, D., Skuja, S., & Treinys, R. (2022). Common Buzzard, <i>Buteo buteo</i> , nest site selection pattern in relation to stands and their location factors in Central Lithuania, Central Eastern Europe. <i>Baltic forestry</i> , vol. 28(iss. 2), p. [1-9]. doi: 10.46490/BF615	N 012 (100)	11.2.	VU (1,933); GTC (0,967)
509.	KU (1)	5607932	Ivanauskas, E., Skersonas, A., Andrašūnas, V., Elyaagoubi, S., & Razinkovas-Baziukas, A. (2022). Mapping and assessing commercial fisheries services in the Lithuanian part of the Curonian Lagoon. <i>Fishes</i> , vol. 7(iss. 1), p. 1-13. doi: 10.3390/fishes7010019	N 012 (100)	11.2.	KU (7,251)
510.	KU (0,3)	5607974	Pashaei, R., Dzingelevičienė, R., Abbasi, S., Szultka-Młyńska, M., & Buszewski, B. (2022). Determination of the pharmaceuticals–nano/microplastics in aquatic systems by analytical and instrumental methods. <i>Environmental monitoring and assessment</i> , vol. 194(iss. 2), p. 1-33. doi: 10.1007/s10661-022- 09751-w	N 012 (100)	11.2.	KU (3,138)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
511.	KU (1)	5608018	Andrašūnas, V., Ivanauskas, E., Švagždys, A., & Razinkovas- Baziukas, A. (2022). Assessment of four major fish species stocks in the Lithuanian and Russian parts of Curonian Lagoon (SE Baltic Sea) using CMSY method. <i>Fishes</i> , vol. 7(iss. 1), p. 1-17. doi: 10.3390/fishes7010009	N 010 (50), N 012 (50)	11.2.	KU (7,252)
512.	KU (0,0455)	5608041	Abbasi, S., Ashayeri, S., Jafarzadeh, N., Sheikh Fakhradini, S., Alirezazadeh, M., & Ebrahimi, P. et al. (2022). Hydrological and hydrogeological characteristics and environmental assessment of Hashilan Wetland, a national heritage in NW Iran. <i>Ecohydrology and hydrobiology</i> , vol. 22(iss. 1), p. 141-154. doi: 10.1016/j. ecohyd.2021.08.014	N 012 (100)	11.2.	KU (0,778)
513.	KU (0,1111)	5608276	Quillfeldt, P., Morkūnas, J., Kruckenberg, H., Kondratyev, A., Loshchagina, J., & Aarvak, T. et al. (2022). Year-round movements of Long-tailed Ducks <i>Clangula hyemalis</i> from Kolguev Island, Barents Sea. <i>Polar biology</i> , vol. 45(iss. 1), p. 71-87. doi: 10.1007/s00300-021-02973-7	N 010 (100)	11.2.	KU (1,387)
514.	KU (0,375); VU (0,25)	5608394	Čepienė, E., Dailidytė, L., Stonevičius, E., & Dailidienė, I. (2022). Sea level rise impact on compound coastal river flood risk in Klaipėda city (Baltic Coast, Lithuania). <i>Water</i> , vol. 14(iss. 3), p. 1- 21. doi: 10.3390/w14030414	N 006 (100)	11.2.	KU (3,256); VU (2,171)
515.	KU (0,3)	5608406	Pashaei, R., Zahedipour-Sheshglani, P., Dzingelevičienė, R., Abbasi, S., & Rees, R. (2022). Effects of pharmaceuticals on the nitrogen cycle in water and soil: a review. <i>Environmental monitoring and assessment</i> , vol. 194(iss. 2), p. 1-20. doi: 10.1007/s10661-022-09754-7	N 012 (100)	11.2.	KU (3,844)
516.	KU (1)	5608420	Forni, P., Morkūnas, J., & Daunys, D. (2022). Response of long- tailed duck (<i>Clangula hyemalis</i>) to the change in the main prey availability in Its Baltic wintering ground. <i>Animals</i> , vol. 12(iss. 3), p. 1-15. doi: 10.3390/ani12030355	N 010 (30), N 012 (70)	11.2.	KU (11,103)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
517.	KU (0,25); VDU (0,25)	5608447	Gozdowski, D., Žukovskis, J., Razinkovas-Baziukas, A., & Wójcik-Gront, E. (2022). Land cover changes in selected areas next to lagoons located on the Southern Coast of the Baltic Sea, 1984- 2021. <i>Sustainability</i> , vol. 14(iss. 4), p. 1-14. doi: 10.3390/su14042006	N 012 (70)	11.2.	KU (1,608); VDU (1,608)
518.	KU (0,1364)	5608459	Lehmann, A., Myrberg, K., Post, P., Chubarenko, I., Dailidienė, I., & Hinrichsen, H. et al. (2022). Salinity dynamics of the Baltic Sea. <i>Earth system dynamics</i> , vol. 13(iss. 1), p. 373-392. doi: 10.5194/esd-13-373-2022	N 006 (100)	11.2.	KU (4,637)
519.	VU (0,5)	5614287	Kirtiklienė, T., Mierauskaitė, A., Razmienė, I., & Kuisienė, N. (2022). Genetic characterization of multidrug-resistant E. coli isolates from bloodstream infections in Lithuania. <i>Microorganisms</i> , vol. 10(no. 2), p. [1-12]. doi: 10.3390/microorganisms10020449	N 010 (100)	11.2.	VU (3,813)
520.	VU (0,6)	5614299	Kisnierienė, V., Trębacz, K., Pupkis, V., Koselski, M., & Lapeikaitė, I. (2022). Evolution of long-distance signalling upon plant terrestrialization: comparison of action potentials in Characean algae and liverworts. <i>Annals of botany</i> , vol. 130(iss. 4), p. 457- 475. doi: 10.1093/aob/mcac098	N 011 (100)	11.2.	VU (7,499)
521.	VU (0,6364)	5614312	Kizalaitė, A., Klimavičius, V., Versockienė, J., Lastauskienė, E., Murauskas, T., & Skaudžius, R. et al. (2022). Peculiarities of the formation, structural and morphological properties of zinc whitlockite (Ca ₁₈ Zn ₂ (HPO ₄) ₂ (PO ₄) ₁₂) synthesized via a phase transformation process under hydrothermal conditions. <i>CrystEngComm</i> , vol. 24(iss. 28), p. 5068-5079. doi: 10.1039/D2CE00497F	N 003 (100)	11.2.	VU (7,446)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
522.	GTC (0,0625); VU (0,0625)	5614345	Kostrakiewicz-Gierałt, K., Pliszko, A., Barabasz-Krasny, B., Bomanowska, A., Dajdok, Z., & Gudžinskas, Z. et al. (2022). The relationships of habitat conditions, height level, and geographical position with fruit and seed traits in populations of invasive vine <i>Echinocystis lobata</i> (Cucurbitaceae) in Central and Eastern Europe. <i>Forests</i> , vol. 13(iss. 2), p. [1-26]. doi: 10.3390/f13020256	N 013 (100)	11.2.	GTC (1,733); VU (1,733)
523.	VU (0,1875)	5614375	Liang, W., Bai, Z., Aihemaiti, M., Yuan, L., Hong, Z., & Xiao, J. et al. (2022). Women's respiratory movements during spontaneous breathing and physical fitness: a cross-sectional, correlational study. <i>International journal of environmental research and public health</i> , vol. 19(no. 19), p. [1-15]. doi: 10.3390/ijerph191912007	N 011 (100)	11.00	VU (–)
524.	VU (0,625); GTC (0,375)	5614391	Lukša, J., Celitan, E., Servienė, E., & Serva, S. (2022). Association of ScV-LA virus with host protein metabolism determined by proteomics analysis and cognate RNA sequencing. <i>Viruses-Basel</i> , 14(11), 2345. doi: 10.3390/v14112345	N 004 (50), N 010 (50)	11.2.	VU (4,736); GTC (2,842)
525.	VU (0,0833)	5614499	Munclinger, P., Syrůčková, A., Náhlovský, J., Durka, W., Saveljev, A., & Rosell, F. et al. (2022). Recovery in the melting pot: Complex origins and restored genetic diversity in newly established Eurasian beaver (Rodentia: Castoridae) populations. <i>Biological journal of the Linnean Society</i> , vol. 135(no. 4), p. 793- 811. doi: 10.1093/biolinnean/blac003	N 012 (100)	11.2.	VU (1,362)
526.	VU (0,8333)	5614519	Naugžemys, D., Patamsytė, J., Žilinskaitė, S., Skridaila, A., & Žvingila, D. (2022). Genetic structure of native blue honeysuckle populations in the Western and Eastern Eurasian ranges. <i>Plants</i> , vol. 11(no. 11), p. [1-16]. doi: 10.3390/plants11111480	N 010 (100)	11.2.	VU (10,99)
527.	VU (0,0104)	5614540	Paolicelli, R., Sierra, A., Stevens, B., Tremblay, M., Aguzzi, A., & Ajami, B. et al. (2022). Microglia states and nomenclature: A field at its crossroads. <i>Neuron</i> , vol. 110(iss. 21), p. 3458-3483. doi: 10.1016/j.neuron.2022.10.020	N 004 (100)	11.2.	VU (2,72)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
528.	VU (0,0256)	5614653	Pašukonis, A., Serrano-Rojas, S., Fischer, M., Loretto, M., Shaykevich, D., & Rojas, B. et al. (2022). Contrasting parental roles shape sex differences in poison frog space use but not navigational performance. <i>eLife</i> , vol. 11, p. [1-31]. doi: 10.7554/eLife.80483	N 010 (30), N 012 (30), N 014 (40)	11.2.	VU (1,34)
529.	VU (0,25)	5614688	Pletzer, B., Lang, C., Derntl, B., & Grikšienė, R. (2022). Weak associations between personality and contraceptive choice. <i>Frontiers in neuroscience, first on line</i> , p. [1-15]. doi: 10.3389/fnins.2022.898487.s001	N 010 (100)	11.2.	VU (3,699)
530. [†]	VU (1)	5614710	Pocevičiūtė, I., Buišas, R., Rukšėnas, O., & Vengeliienė, V. (2022). Melatonin reduces alcohol drinking in rats with disrupted function of the serotonergic system. <i>Journal of personalized medicine</i> , vol. 12(iss. 3), p. 1-8. doi: 10.3390/jpm12030355	N 011 (100)	11.2	VU (6,501)
531.	VU (0,375); GTC (0,125)	5614737	Podėnas, S., Park, S., Byun, H., & Podėnienė, V. (2022). Hexatoma crane flies (Diptera, Limoniidae) of Korea. <i>ZooKeys</i> , (1105), 165-208. doi: 10.3897/zookeys.1105.82495	N 014 (100)	11.2.	VU (3,899); GTC (1,3)
532.	LSMU (0,65)	5614759	Pranckevičienė, A., Saudargienė, A., Gečaitė-Stončienė, J., Liaugaudaitė, V., Griškova-Bulanova, I., & Šimkutė, D. et al. (2022). Validation of the patient health questionnaire-9 and the generalized anxiety disorder-7 in Lithuanian student sample. <i>Plos one</i> , vol. 17(no. 1), p. [1-18]. doi: 10.1371/journal.pone.0263027			LSMU (–)
533.	VU (0,8)	5614796	Pupkis, V., Lapeikaitė, I., Kavaliauskas, J., Trębacz, K., & Kisnierienė, V. (2022). Certain calcium channel inhibitors exhibit a number of secondary effects on the physiological properties in <i>Nitellopsis obtusa</i> : a voltage clamp approach. <i>Functional plant biology, first on line</i> , p. [1-11]. doi: 10.1071/FP22106	N 011 (100)	11.2.	VU (7,788)

[†] Eilutės Nr. 530 pakeitimai: Nr. [V-603](#), 2023-10-27.

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
534.	VU (0,0039)	5614839	Ralimanana, H., Perrigo, A., Smith, R., Borrell, J., Faurby, S., & Rajaonah, M. et al. (2022). Madagascar's extraordinary biodiversity: Threats and opportunities. <i>Science</i> , vol. 378(no. 6623), p. [1-15]. doi: 10.1126/science.adf1466	N 012 (10), N 014 (90)	11.2.	VU (1,442)
535.	VU (0,0143)	5614932	Ravi, V., Will, P., Kueckelhaus, J., Sun, N., Joseph, K., & Salié, H. et al. (2022). Spatially resolved multi-omics deciphers bidirectional tumor-host interdependence in glioblastoma. <i>Cancer cell</i> , vol. 40 (iss. 6), p. 639-655, e1-e13. doi: 10.1016/j.ccell.2022.05.009	N 004 (100)	11.2.	VU (2,419)
536.	GTC (0,4); VILNIUS TECH (0,2); VU (0,2)	5615016	Ravoitytė, B., Lukša, J., Wellinger, R., Serva, S., & Servienė, E. (2022). Adaptive response of <i>Saccharomyces</i> hosts to Totiviridae L-A dsRNA viruses is achieved through intrinsically balanced action of targeted transcription factors. <i>Journal of fungi</i> , vol. 8 (iss. 4), p. 1-24. doi: 10.3390/jof8040381	N 004 (50), N 010 (50)	11.2.	GTC (4,718); VILNIUS TECH (2,36); VU (2,36)
537.	VU (1)	5615041	Rimgailė-Voicik, R., & Naujalis, J. (2022). Techniques for locating and analyzing subterranean <i>Lycopodium</i> and <i>Diphasiastrum</i> gametophytes in the field. <i>Application in plant sciences: special issue: Methodologies in gametophyte biology</i> , vol. 10(no. 2), p. [1-12]. doi: 10.1002/aps3.11458	N 010 (100)	11.2.	VU (7,86)
538.	VU (1)	5615070	Rovas, A., Pūrienė, A., Šnipaitienė, K., Puncevičienė, E., Buragaitė-Staponkienė, B., & Matulevičiūtė, R. et al. (2022). Gingival crevicular fluid microRNA associations with periodontitis. <i>Journal of oral science</i> , vol. 64(iss. 1), p. 11-16. doi: 10.2334/josnusd.21-0282	N 010 (50)	11.2.	VU (2,708)
539.	VU (1)	5615326	Šarauskytė, L., Mončiunskaitė, R., & Griksienė, R. (2022). The role of sex and emotion on emotion perception in artificial faces: An ERP study. <i>Brain and cognition</i> , vol. 159, p. 1-9. doi: 10.1016/j.bandc.2022.105860	N 011 (100)	11.2.	VU (6,032)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
540.	GTC (0,0769); VU (0,0769)	5615347	Saura, A., Zakharova, A., Kloczek, D., Gerasimov, E., Butenko, A., & Macedo, D. et al. (2022). Elimination of LRVs elicits different responses in <i>Leishmania</i> spp. <i>mSphere</i> , vol. 7(no. 4), p. 1-10. doi: 10.1128/msphere.00335-22	N 004 (50), N 010 (50)	11.2.	GTC (1,508); VU (1,508)
541.	GTC (0,75); VU (0,25)	5615548	Šidagytė-Copilas, E., & Arbačiauskas, K. (2022). A multimetric macroinvertebrate index for the assessment of the ecological status of Lithuanian rivers. <i>Limnologica</i> , vol. 97, p. 1-20. doi: 10.1016/j.limno.2022.126010	N 012 (100)	11.2.	GTC (4,205); VU (1,402)
542.	VU (1)	5615580	Šiukšta, R., Pukenytė, V., Kleizaitė, V., Bondzinskaitė, S., & Čėsniienė, T. (2022). The butterfly effect: mild soil pollution with heavy metals elicits major biological consequences in cobalt- sensitized broad bean model plants. <i>Antioxidants</i> , vol. 11(iss. 4), p. [1-21]. doi: 10.3390/antiox11040793	N 010 (100)	11.2.	VU (10,898)
543.	VU (0,5)	5615674	Sruoga, V., & de Prins, J. (2022). New species of Urodeta Stainton, 1869 (Lepidoptera, Elachistidae, Elachistinae) from Ghana and Democratic Republic of the Congo, with identification keys to the Afrotropical species of the genus. <i>ZooKeys</i> , (no. 1089), p. 25-36. doi: 10.3897/zookeys.1089.79716	N 014 (100)	11.2.	VU (5,199)
544.	VU (1)	5615753	Sruoga, V. (2022). New species and records of Elachistinae (Lepidoptera: Gelechioidea, Elachistidae) from Nepal. <i>Zootaxa</i> , vol. 5100(iss. 4), p. 573-584. doi: 10.11646/zootaxa.5100.4.7	N 014 (100)	11.2.	VU (5,706)
545.	GTC (0,5); VU (0,1667)	5615761	Starkevich, P., Podėnas, S., & Sivell, D. (2022). <i>Tipula</i> (<i>Vestiplex</i>) <i>levisoni</i> sp. nov., a new crane fly (Diptera, Tipulidae) from the Western Himalayas. <i>Zootaxa</i> , 5115(1), 131-145. doi: 10.11646/zootaxa.5115.1.9	N 014 (100)	11.2.	GTC (4,035); VU (1,345)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
546.	VU (0,4)	5616781	Survilienė, V., Rukšėnas, O., Pomeroy, P., Moss, S., & Bennett, K. (2022). Evaluating suitability of saliva to measure steroid concentrations in grey seal pups. <i>General and comparative endocrinology</i> , vol. 326, p. [1-7]. doi: 10.1016/j.ygcen.2022.114070	N 011 (50), N 014 (50)	11.2.	VU (3,954)
547.	VDU (0,625); VU (0,25)	5616805	Tamutis, V., Sruoga, V., Česonienė, L., & Daubaras, R. (2022). The first appearance of the citrus flower moth (Prays citri (Millière, 1873)) (Lepidoptera: Praydidae) in Lithuania. <i>Žemdirbyste = Agriculture</i> , vol. 109(no. 1), p. 89-93. doi: 10.13080/z-a.2022.109.0012	N 010 (80), N 014 (20)	11.00	VDU (–); VU (–)
548.†	VU (0,75)	5616833	Tarailis, P., De Blasio, F., Šimkutė, D., & Griškova-Bulanova, I. (2022). Data-driven EEG theta and alpha components are associated with subjective experience during resting state. <i>Journal of personalized medicine</i> , vol. 12(iss. 6), p. [1-12]. doi: 10.3390/jpm12060896	N 011 (100)	11.2	VU (6,501)
549.	VU (0,05)	5616899	Testa-Silva, G., Rosier, M., Honnuraiah, S., Guzulaitis, R., Megias, A., & French, C. et al. (2022). High synaptic threshold for dendritic NMDA spike generation in human layer 2/3 pyramidal neurons. <i>Cell reports</i> , vol. 41(no. 11), p. 1-14. doi: 10.1016/j.celrep.2022.111787	N 010 (50), N 011 (50)	11.2.	VU (1,31)
550.	VU (0,6)	5616919	Urbonaitė, G., Knyzeliene, A., Bunn, F., Smalskys, A., & Neniškytė, U. (2022). The impact of maternal high-fat diet on offspring neurodevelopment. <i>Frontiers in neuroscience</i> , vol. 16, p. 2076-2079. doi: 10.3389/fnins.2022.909762	N 010 (100)	11.2.	VU (8,879)
551.	GTC (0,4167); VU (0,4167)	5616970	Valskys, V., Rahidul Hassan, H., Wołkowicz, S., Satkūnas, J., Kibirkštis, G., & Ignatavičius, G. (2022). A review on detection techniques, health hazards and human health risk assessment of arsenic pollution in soil and groundwater. <i>Minerals</i> , vol. 12(iss. 10), p. [1-31]. doi: 10.3390/min12101326	N 005 (20), N 006 (20), N 012 (60)	11.2.	GTC (4,21); VU (4,21)

† Eilutės Nr. 548 pakeitimai: Nr. [V-603](#), 2023-10-27.

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
552.	VU (0,25)	5617107	Vengeliienė, V., & Spanagel, R. (2022). mGlu2 mechanism-based interventions to treat alcohol relapse. <i>Frontiers in pharmacology</i> , vol. 13, p. [1-12]. doi: 10.3389/fphar.2022.985954	N 010 (60), N 011 (40)	11.2.	VU (3,72)
553. §	VU (0,0938)	5617241	Viktorin, V., Griškova-Bulanova, I., Voicikas, A., Dojčánová, D., Zach, P., & Bravermanová, A. et al. (2022). Psilocybin - mediated attenuation of gamma band auditory steady-state responses (ASSR) is driven by the intensity of cognitive and emotional domains of psychedelic experience. <i>Journal of personalized medicine</i> , vol. 12(iss. 6), p. [1-13]. doi: 10.3390/jpm12061004	N 011 (100)	11.2	VU (1,219)
554.	VU (0,05)	5617265	Wang, Z., Zeng, Z., Starkuvienė-Erfle, V., Erfle, H., Kan, K., & Zhang, J. et al. (2022). MicroRNAs influence the migratory ability of human umbilical vein endothelial cells. <i>Genes</i> , vol. 13(iss. 4), p. [1-13]. doi: 10.3390/genes13040640	N 010 (100)	11.2.	VU (0,554)
555.	VU (0,3333)	5617348	Wolfe, T., Hembach, S., Petrašiūnas, A., Juzėnas, S., Stauffer, C., & Schuler, H. (2022). First report of the American eastern cherry fruit fly <i>Rhagoletis cingulata</i> (Loew) (Diptera: Tephritidae) in Lithuania. <i>BioInvasions records</i> , vol. 11(no. 4), p. 893-899. doi: 10.3391/bir.2022.11.4.02	N 014 (100)	11.2.	VU (2,684)
556.	VU (0,05)	5617391	Zhang, J., Starkuvienė-Erfle, V., Erfle, H., Wang, Z., Gunkel, M., & Zeng, Z. et al. (2022). High-content analysis of microRNAs involved in the phenotype regulation of vascular smooth muscle cells. <i>Scientific reports</i> , vol. 12(iss. 1), p. [1-13]. doi: 10.1038/s41598-022-07280-7	N 010 (100)	11.2.	VU (0,458)
557.	VU (0,9)	5617416	Žitkutė, V., Kukcinavičiūtė, E., Jonušienė, V., Starkuvienė, V., & Sasnauskienė, A. (2022). Differential effects of 5-fluorouracil and oxaliplatin on autophagy in chemoresistant colorectal cancer cells. <i>Journal of cellular biochemistry</i> , vol. 123(iss. 6), p. 1103- 1115. doi: 10.1002/jcb.30267	N 004 (50), N 010 (50)	11.2.	VU (7,996)

§ Eilutės Nr. 553 pakeitimai: Nr. [V-603](#), 2023-10-27.

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
558.	VU (0,1)	5617512	Gunkel, M., Eberle, J., Bulkescher, R., Reymann, J., Chung, I., & Simon, R. et al. (2022). Multiscale fluorescence imaging. In <i>Single-molecule science: from super-resolution microscopy to DNA mapping and diagnostics / Edited by Krishnarao Appasani, Raghu Kiran Appasani</i> (chapter 3, p. 38-48). Cambridge: Cambridge University Press.	N 010 (100)	11.1.	VU (0,8)
559.	KU (0,0833)	5617974	Baars, J., Caplice, M., Flynn, O., Swanwick, H., & Minchin, D. (2022). The Ponto-Caspian quagga mussel, <i>Dreissena rostriformis bugensis</i> Andrusov, 1897, is established in Ireland. <i>BioInvasions records</i> , vol. 11(iss. 1), p. 173-180. doi: 10.3391/bir.2022.11.1.17	N 012 (100)	11.2.	KU (0,671)
560.	GTC (0,2857); KU (0,1429)	5618016	Bitinas, A., Molodkov, A., Damušytė, A., Grigienė, A., Satkūnas, J., & Šeirienė, V. et al. (2022). Reconstruction of the geological history of the Lithuanian Maritime Region from MIS 6 to MIS 3. <i>Quaternary international</i> , vol. 617, p. 4-20. doi: 10.1016/j.quaint.2021.05.014	N 005 (80)	11.2.	GTC (1,81); KU (0,905)
561.	KU (0,1667)	5618104	Simis, S., Hunter, P., Matthews, M., Spyrakos, E., Tyler, A., & Vaičiūtė, D. (2022). Improved hyperspectral inversion of aquatic reflectance under non-uniform vertical mixing. <i>Optics express</i> , vol. 30(no. 6), p. 9655-9673. doi: 10.1364/OE.450374	N 012 (100)	11.2.	KU (3,13)
562.	KU (0,25)	5618118	Chaabane, A., Robbe, E., Schernewski, G., & Schubert, H. (2022). Decomposition behavior of biodegradable and single-use tableware items in the Warnow Estuary (Baltic Sea). <i>Sustainability</i> , vol. 14(iss. 5), p. 1-16. doi: 10.3390/su14052544	N 012 (100)	11.2.	KU (2,814)
563.	VU (1)	5618130	Banevičius, D., Kreiza, G., Klioštoraitis, R., Juršėnas, S., Javorskis, T., & Vaitkevičius, V. et al. (2022). Enhanced blue TADF in a D–A–D type naphthyridine derivative with an asymmetric carbazole- donor motif. <i>Journal of materials chemistry C</i> , vol. 10(iss. 12), p. 4813-4820. doi: 10.1039/D1TC05061C	N 002 (50), N 003 (50)	11.2.	VU (9,616)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
564.	KU (0,1429)	5618153	Kacem, H., Bouroubi, Y., Khomalli, Y., Elyaagoubi, S., Maanan, M., & Rhinane, H. et al. (2022). The economic benefit of coastal blue carbon stocks in a Moroccan Lagoon ecosystem: a case study at Moulay Bousselham Lagoon. <i>Wetlands</i> , vol. 42(iss. 2), p. 1-15. doi: 10.1007/s13157-022-01533-x	N 012 (100)	11.2.	KU (1,343)
565.	KU (0,0313)	5618182	Amundin, M., Carlström, J., Thomas, L., Carlén, I., Teilmann, J., & Tougaard, J. et al. (2022). Estimating the abundance of the critically endangered Baltic Proper harbour porpoise (<i>Phocoena phocoena</i>) population using passive acoustic monitoring. <i>Ecology and evolution</i> , vol. 12(no. 2), p. 1-39. doi: 10.1002/ece3.8554	N 012 (100)	11.2.	KU (0,742)
566.	VU (0,6667)	5618230	Brimas, E., Skaudžius, R., Brimas, G., Selskis, A., Ramanauskas, R., & Kareiva, A. (2022). Three different techniques to reconstruct 3D view of SEM images by using only free available software. <i>Chemija</i> , vol. 33(iss. 1), p. 7-11.	N 003 (100)	11.00	VU (–)
567.	VU (0,75); KTU (0,25)	5618343	Dabulytė-Bagdonavičienė, J., Nečiporenko, A., Ivanauskas, F., & Kareiva, A. (2022). Influence of different diffusion rates of reaction reagents on the synthesis of yttrium aluminium garnet (YAG). <i>Journal of mathematical chemistry</i> , vol. 60(iss. 1), p. 172- 183. doi: 10.1007/s10910-021-01303-w	N 001 (50), N 003 (50)	11.2.	VU (3,296); KTU (1,098)
568.	KU (0,5)	5618485	Liutkus, M., Olenin, S., Marcin Węśławski, J., & Kotwicki, L. (2022). Wave fetch and distance from the ocean determine the distribution of macroplastics in the intertidal zone of central Spitsbergen, Arctic. <i>Marine pollution bulletin</i> , vol. 177, p. 1-11. doi: 10.1016/j.marpolbul.2022.113516	N 012 (100)	11.2.	KU (7,182)
569.	GTC (0,6667); KU (0,3333)	5618639	Jurkus, E., Povilanskas, R., & Taminskas, J. (2022). Current trends and issues in research on biodiversity conservation and tourism sustainability. <i>Sustainability</i> , vol. 14(iss. 6), p. 1-14. doi: 10.3390/su14063342	N 006 (100)	11.2.	GTC (4,332); KU (2,166)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
570.	KU (0,375)	5618661	Ritzenhofen, L., Schumacher, J., Karstens, S., & Schernewski, G. (2022). Ecosystem service assessments within the EU Water Framework Directive: marine mussel cultivation as a controversial measure. <i>Applied sciences</i> , vol. 12(iss. 4), p. 1-20. doi: 10.3390/app12041871	N 012 (100)	11.2.	KU (3,983)
571.	KU (0,0106)	5618682	Meier, H., Kniebusch, M., Dieterich, C., Gröger, M., Zorita, E., & Elmgren, R. et al. (2022). Climate change in the Baltic Sea region: a summary. <i>Earth system dynamics</i> , vol. 13(iss. 1), p. 457-593. doi: 10.5194/esd-13-457-2022	N 006 (100)	11.2.	KU (0,836)
572.	KU (0,8); VDU (0,2)	5618817	Morkūnė, R., Gasiūnaitė, Z., Žukovskis, J., Marcinkevičiūtė, L., & Razinkovas-Baziukas, A. (2022). Ecosystem services in the Nemunas Delta: differences in perceptions of farmers, birdwatchers and scientists. <i>Environmental management</i> , vol. 69 (iss. 4), p. 801-814. doi: 10.1007/s00267-021-01550-2	N 012 (60)	11.2.	KU (2,769); VDU (0,692)
573.	IMC (0,0031); VU (0,0031)	5618829	Hakkaart, C., Pearson, J., Marquart, L., Dennis, J., Wiggins, G., & Barnes, D. et al. (2022). Copy number variants as modifiers of breast cancer risk for BRCA1/BRCA2 pathogenic variant carriers. <i>Communications Biology</i> , 5(1), Article Number 1061. doi: 10.1038/s42003-022-03978-6	N 010 (20)	11.2.	IMC (0,079); VU (0,079)
574.	KU (0,4)	5618846	Pashaei, R., Dzingelevičienė, R., Abbasi, S., Szultka-Młyńska, M., & Buszewski, B. (2022). Determination of 15 human pharmaceutical residues in fish and shrimp tissues by high- performance liquid chromatography-tandem mass spectrometry. <i>Environmental monitoring and assessment</i> , vol. 194(iss. 5), p. 1- 16. doi: 10.1007/s10661-022-09993-8	N 012 (100)	11.2.	KU (4,185)
575.	KU (0,0417)	5618869	Carlot, J., Rouzé, H., Barneche, D., Mercière, A., Espiau, B., & Cardini, U. et al. (2022). Scaling up calcification, respiration, and photosynthesis rates of six prominent coral taxa. <i>Ecology and evolution</i> , vol. 12(no. 3), p. 1-11. doi: 10.1002/ece3.8613	N 010 (100)	11.2.	KU (0,868)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
576.	KU (1)	5618965	Paulauskienė, T., Uebe, J., Kryževičius, Ž., Kaskova, V., Kataržytė, M., & Overlingė, D. (2022). Removal of petroleum hydrocarbons from brackish water by natural and modified sorbents. <i>Journal of marine science and engineering</i> , vol. 10(iss. 5), p. 1-17. doi: 10.3390/jmse10050597	N 010 (30)	11.2.	KU (2,465)
577.	KU (0,3333); VILNIUS TECH (0,3333); VU (0,3333)	5619115	Belovas, I., Sakalauskas, L., & Starikovičius, V. (2022). A method for accelerated computation of the Riemann zeta function on the complex plane. <i>Publicationes mathematicae Debrecen</i> , vol. 100 (iss. 1-2), p. 167-184. doi: 10.5486/PMD.2022.9120	N 001 (50), N 009 (50)	11.2.	KU (1,744); VILNIUS TECH (1,744); VU (1,744)
578.	VU (1)	5620752	Diktanaitė, A., Gaidamavičienė, G., Kazakevičius, E., Kežionis, A., & Žalga, A. (2022). Aqueous sol-gel synthesis, structural, thermoanalytical studies, and conductivity properties of lithium lanthanum titanate. <i>Thermochimica acta</i> , vol. 715, p. [1-14]. doi: 10.1016/j.tca.2022.179268	N 003 (100)	11.2.	VU (6,162)
579.	VU (1)	5621042	Fedorova, I., Serevičius, T., Skaistgiris, R., Juršėnas, S., & Tumkevičius, S. (2022). Substituent effect on TADF properties of 2-modified 4,6-bis(3,6-di-tert-butyl-9-carbazolyl)-5-methylpyrimidines. <i>Beilstein journal of organic chemistry</i> , vol. 18, p. 497-507. doi: 10.3762/bjoc.18.52	N 002 (50), N 003 (50)	11.2.	VU (6,846)
580.	VU (0,625)	5621068	Gabriūnaitė, I., Valiūnienė, A., Ramanavičius, S., & Ramanavičius, A. (2022). Biosensors based on bio-functionalized semiconducting metal oxides. <i>Critical reviews in analytical chemistry, first on line</i> , p. [1-16]. doi: 10.1080/10408347.2022.2088226	N 003 (100)	11.2.	VU (6,111)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
581.	VU (0,1667)	5621102	Gluchowski, P., Tomala, R., Kujawa, D., Boiko, V., Murauskas, T., & Solarz, P. (2022). Insights into the relationship between crystallite size, sintering pressure, temperature sensitivity, and persistent luminescence color of Gd ₂ .97Pr _{0.03} Ga ₃ Al ₂ O ₁₂ powders and ceramics. <i>Journal of physical chemistry C</i> , vol. 126 (no. 16), p. 7127-7142. doi: 10.1021/acs.jpcc.2c00672	N 003 (100)	11.2.	VU (1,359)
582.	VU (0,25)	5621127	Górska, A., Paczosa-Bator, B., Gaidukevič, J., & Piech, R. (2022). Development of a new voltammetric method for aceclofenac determination on glassy carbon electrode modified with hierarchical nanocomposite. <i>Sensors: The design, fabrication and sensor applications of nano-electrodes</i> , vol. 22(iss. 22), p. 1-14. doi: 10.3390/s22228954	N 003 (100)	11.2.	VU (2,915)
583.	VU (0,6667)	5621140	Griesiūtė, D., Garškaitė, E., Antuzevics, A., Klimavičius, V., Balevičius, V., & Žarkov, A. et al. (2022). Synthesis, structural and luminescent properties of Mn-doped calcium pyrophosphate (Ca ₂ P ₂ O ₇) polymorphs. <i>Scientific reports</i> , vol. 12, p. [1-10]. doi: 10.1038/s41598-022-11337-y	N 002 (30), N 003 (70)	11.2.	VU (7,473)
584.	VU (0,875); GTC (0,125)	5621157	Griesiūtė, D., Raudonytė-Svirbutavičienė, E., Kareiva, A., & Žarkov, A. (2022). The influence of annealing conditions on the Ca/P ratio and phase transformations in bulk calcium phosphates. <i>CrystEngComm</i> , vol. 24(iss. 6), p. 1166-1170. doi: 10.1039/d1ce01625c	N 003 (100)	11.2.	VU (5,119); GTC (0,731)
585.	KTU (0,6667); GTC (0,3333)	5621197	Mačionienė, I., Čepukoit, D., Šalomsienė, J., Černauskas, D., Burokienė, D., & Šalaševičienė, A. (2022). Effects of natural antimicrobials on <i>Xanthomonas</i> strains growth. <i>Horticulturae</i> , vol. 8(iss. 1), p. 1-13. doi: 10.3390/horticulturae8010007	N 010 (50)	11.2.	KTU (2,794); GTC (1,397)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
586.	KTU (0,0833); VU (0,0833)	5621214	Igci, C., Kanda, H., Yoo, S., Sutanto, A., Syzgantseva, O., & Syzgantseva, M. et al. (2022). Highly planar benzodipyrrole- based hole transporting materials with passivation effect for efficient Perovskite solar cells. <i>Solar RRL</i> , vol. 6(iss. 1), p. 1-10. doi: 10.1002/solr.202100667	N 002 (50), N 003 (50)	11.2.	KTU (1,75); VU (1,75)
587.	KTU (1)	5621278	Ivanauskas, R., Kunciuote, A., Ancutiene, I., Andrulevicius, M., & Mikolajunas, M. (2022). Impact of surface morphology and thickness of tin selenide thin films on their optical properties. <i>Surfaces and interfaces</i> , vol. 28, p. 1-9. doi: 10.1016/j.surfin.2021.101675	N 003 (80)	11.2.	KTU (7,188)
588.	VU (1)	5621679	Inkrataitė, G., Pakalniškis, A., Vištorskaja, D., Skaudžius, R., & Kareiva, A. (2022). A novel sol-gel synthesis of Ca ₃ Nb _{1.775} Li _{0.275} Ga _{2.95} O ₁₂ garnet. <i>Materials letters</i> , vol. 316, p. 111-113. doi: 10.1016/j.matlet.2022.131990	N 003 (100)	11.2.	VU (5,57)
589.	VU (1)	5621764	Inkrataitė, G., Stankevičiūtė, Ž., & Skaudžius, R. (2022). Determination of different garnet films characteristics prepared via sol-gel spin or dip-coatings techniques. <i>Journal of luminescence</i> , vol. 244, p. [1-9]. doi: 10.1016/j.jlumin.2022.118751	N 003 (100)	11.2.	VU (9)
590.	VU (1)	5621856	Jakubkienė, V., Žvirblis, M., & Tumkevičius, S. (2022). Synthesis of pyrimidines containing hydroxamic acid, 1,3,4-oxadiazole or 1,2,4-triazole moieties as potential HDAC inhibitors. <i>Chemija</i> , t. 33(Nr. 2), p. 46-53. doi: 10.6001/chemija.v33i2.4708	N 003 (100)	11.00	VU (–)
591.	KTU (0,3846); VU (0,0769)	5621866	Jegorovė, A., Momblona, C., Daškevičienė, M., Magomedov, A., Degutyte, R., & Asiri, A. et al. (2022). Molecular engineering of fluorene-based hole-transporting materials for efficient perovskite solar cells. <i>Solar RRL</i> , vol. 6(iss. 6), p. 1-9. doi: 10.1002/solr.202100990	N 002 (10), N 003 (90)	11.2.	KTU (6,996); VU (1,399)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
592.	KTU (0,5556); VU (0,1111)	5621904	Jegorovė, A., Truong, M., Murdey, R., Daskeviciene, M., Malinauskas, T., & Kantminiene, K. et al. (2022). Starburst carbazole derivatives as efficient hole transporting materials for perovskite solar cells. <i>Solar RRL</i> , vol. 6(iss. 1), p. 1-7. doi: 10.1002/solr.202100877	N 002 (20), N 003 (80)	11.2.	KTU (8,25); VU (1,65)
593.	VU (0,875)	5621923	Jonikaitė-Švėgždienė, J., Pastarnokienė, L., Juknevičiūtė, V., & Makuška, R. (2022). Curing of epoxy resins by bio-based phenalkamines vs low-molecular-weight amines: study by DSC. <i>Chemija</i> , vol. 33(no. 2), p. 54-63. doi: 10.6001/chemija.v33i2. 4709	N 003 (100)	11.00	VU (–)
594.	KTU (0,0667); VU (0,0667)	5621937	Joseph, V., Xia, J., Sutanto, A., Jankauskas, V., Momblona, C., & Ding, B. et al. (2022). Triarylamine-functionalized imidazolyl- capped bithiophene hole transporting material for cost-effective perovskite solar cells. <i>ACS applied materials & interfaces</i> , vol. 14 (iss. 19), p. 22053-22060. doi: 10.1021/acsami.2c00841	N 002 (50), N 003 (50)	11.2.	KTU (1,782); VU (1,782)
595.	VU (0,8571)	5622003	Karalkevičienė, R., Briedytė, G., Murauskas, T., Norkus, M., Žarkov, A., & Yang, J. et al. (2022). A novel method for the formation of bioceramic nano-calcium hydroxyapatite coatings using sol-gel and dissolution-precipitation processing. <i>Chemija</i> , vol. 33(no. 2), p. 27-34. doi: 10.6001/chemija.v33i2.4705	N 003 (100)	11.00	VU (–)
596.	VU (0,9); GTC (0,1)	5622062	Karalkevičienė, R., Raudonytė-Svirbutavičienė, E., Gaidukevič, J., Žarkov, A., & Kareiva, A. (2022). Solvothermal synthesis of calcium-deficient hydroxyapatite via hydrolysis of α -tricalcium phosphate in different aqueous-organic media. <i>Crystals</i> , vol. 12 (no. 2), p. [1-11]. doi: 10.3390/cryst12020253	N 003 (100)	11.2.	VU (4,83); GTC (0,537)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
597.	VU (1)	5622187	Kavaliauskaitė, M., Steponavičiūtė, M., Kievišaitė, J., Katelnikovas, A., & Klimkevičius, V. (2022). Synthesis and study of thermoresponsive amphiphilic copolymers via RAFT polymerization. <i>Polymers</i> , vol. 14(iss. 2), p. [1-14]. doi: 10.3390/polym14020229	N 003 (100)	11.2.	VU (8,731)
598.	VU (1)	5622241	Kavaliauskas, V., Olšauskaitė, V., & Padarauskas, A. (2022). Hydrophobic eutectic solvents based on perfluorinated hydrogen bond donors as extractants for dispersive liquid–liquid microextraction. <i>Chromatographia</i> , vol. 85(iss. 3), p. 255-262. doi: 10.1007/s10337-022-04129-z	N 003 (100)	11.2.	VU (4,673)
599.	VU (0,5714)	5622273	Kavaliukė, V., Nesterova, I., Kežionis, A., Balčiūnas, S., Bajars, G., & Šalkus, T. et al. (2022). Combined conductivity and electrochemical impedance spectroscopy study of Na ₂ FeP ₂ O ₇ cathode material for sodium ion batteries. <i>Solid state ionics</i> , vol. 385, p. [1-10]. doi: 10.1016/j.ssi.2022.116024	N 002 (40), N 003 (30)	11.2.	VU (2,88)
600.	VDU (0,5); VU (0,5)	5622304	Kerienė, I., & Maruška, A. (2022). A review on the presence and removal of phthalates from wastewater. <i>Urban water journal</i> , vol. 19(no. 8), p. 769-781. doi: 10.1080/1573062X.2022.2087095	N 004 (50), N 012 (50)	11.2.	VDU (3,148); VU (3,148)
601.	VU (0,875)	5622375	Klimavičius, V., Maršalka, A., Kizalaitė, A., Žarkov, A., Kareiva, A., & Aidai, K. et al. (2022). Step-by-step from amorphous phosphate to nano-structured calcium hydroxyapatite: monitoring by solid-state H-1 and P-31 NMR and spin dynamics. <i>Physical chemistry chemical physics</i> , vol. 24(iss. 31), p. 18952- 18965. doi: 10.1039/d2cp02108k	N 002 (50), N 003 (50)	11.2.	VU (6,984)
602.	VU (0,1667)	5624479	Konieczynski, P., Žarkov, A., Viapiana, A., Chrubczynska, A., Mpandzo, E., & Wesolowski, M. (2022). Studies on the chemical composition of plants used in traditional medicine in Congo. <i>Open chemistry</i> , vol. 20(iss. 2), p. 370-378. doi: 10.1515/chem- 2022-0148	N 003 (100)	11.2.	VU (1,021)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
603.	VU (0,2)	5625317	Lu, P., Jaihao, C., Pan, L., Tsai, P., Huang, C., & Brangule, A. et al. (2022). The processing and electrical properties of isotactic polypropylene/copper nanowire composites. <i>Polymers</i> , vol. 14 (no. 16), p. [1-13]. doi: 10.3390/polym14163369	N 003 (100)	11.2.	VU (3,492)
604.	VU (0,25)	5625346	Malaika, A., Ptasińska, K., Gaidukevič, J., & Kozłowski, M. (2022). The impact of surface groups of functionalized graphene on glycerol acetylation. <i>Fuel</i> , vol. 313, p. [1-9]. doi: 10.1016/j.fuel.2021.122987	N 003 (100)	11.2.	VU (3,272)
605.	VU (0,4286)	5625504	Melnyk, I., Tomina, V., Stolyarchuk, N., Katelnikovas, A., Kareiva, A., & Beganskienė, A. et al. (2022). Affordable phosphonic- and phenyl-functionalized silicate adsorbent for metal and dye cations uptake. <i>Journal of porous materials</i> , first on line, p. [1- 10]. doi: 10.1007/s10934-022-01292-4	N 003 (100)	11.2.	VU (3,558)
606.	VU (1)	5625679	Misiūnaitė, I., Bukšnaitienė, R., Pošiūnas, J., Brukštus, A., & Žutautė, I. (2022). Study on halogen promoted cyclization of 2-alkynylthiobenzimidazoles. <i>Journal of heterocyclic chemistry</i> , vol. 59(no. 10), p. 1712-1722. doi: 10.1002/jhet.4499	N 003 (100)	11.2.	VU (6,308)
607.	VU (0,3846)	5627883	Plyushch, A., Lewin, D., Ažubalis, P., Kalendra, V., Sokal, A., & Grigalaitis, R. et al. (2022). Phosphate bonded CoFe ₂ O ₄ –BaTiO ₃ layered structures: Dielectric relaxations and magnetoelectric coupling. <i>Lithuanian journal of physics</i> , vol. 62(no. 4), p. 221-228. doi: 10.3952/physics.v62i4.4817	N 003 (100)	11.00	VU (–)
608.	VU (0,0625)	5627958	Pūkienė, S., Jasinskas, A., Zelioli, A., Stanionytė, S., Bukauskas, V., & Čechavičius, B. et al. (2022). Influence of an ultra-thin buffer layer on the growth and properties of pseudomorphic GaAsBi layers. <i>Lithuanian journal of physics</i> , vol. 62(no. 2), p. 93- 100. doi: 10.3952/physics.v62i2.4742	N 002 (50), N 003 (50)	11.00	VU (–)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
609.	VU (0,0714)	5629533	Serga, V., Žarkov, A., Blumbergs, E., Shishkin, A., Baronins, J., & Elsts, E. et al. (2022). Leaching of gold and copper from printed circuit boards under the alternating current action in hydrochloric acid electrolytes. <i>Metals</i> , vol. 12(no. 11), p. [1-17]. doi: 10.3390/met12111953	N 003 (100)	11.2.	VU (0,882)
610.	VU (1)	5629563	Skaisgiris, R., Serevičius, T., Dodonova, J., Banevičius, D., Kazlauskas, K., & Tumkevičius, S. et al. (2022). Tuning of HOMO- LUMO localization for achieving thermally activated delayed fluorescence. <i>Journal of luminescence</i> , vol. 241, p. [1-7]. doi: 10.1016/j.jlumin.2021.118473	N 002 (40), N 003 (30)	11.2.	VU (6,3)
611.	KU (0,25)	5629932	Magri, M., Benelli, S., Castaldelli, G., & Bartoli, M. (2022). The seasonal response of in situ denitrification and DNRA rates to increasing nitrate availability. <i>Estuarine, coastal and shelf science</i> , vol. 271, p. 1-8. doi: 10.1016/j.ecss.2022.107856	N 012 (100)	11.2.	KU (4,161)
612.	KU (0,7857)	5629944	Morkūnė, R., Bučas, M., Kataržytė, M., Politi, T., Vaičiūtė, D., & Vizzini, S. et al. (2022). Food sources for benthic grazers in trophic networks of macrophyte habitats in a transitional Baltic ecosystem. <i>Water</i> , vol. 14(iss. 10), p. 1-18. doi: 10.3390/w14101565	N 012 (100)	11.2.	KU (9,647)
613.	VU (1)	5630352	Valiūnienė, A., Žižiūnaitė, G., & Virbickas, P. (2022). Application of Prussian blue in electrochemical and optical sensing of free chlorine. <i>Sensors</i> , vol. 22(iss. 20), p. [1-14]. doi: 10.3390/s22207768	N 003 (100)	11.2.	VU (8,244)
614.	VU (0,1667)	5630435	Van der Heggen, D., Žilėnaitė, R., Ežerskytė, E., Fritz, V., Korthout, K., & Vandenberghe, D. et al. (2022). A standalone, battery-free light dosimeter for ultraviolet to infrared light. <i>Advanced functional materials</i> , vol. 32(iss. 14), p. 1-9. doi: 10.1002/adfm.202109635	N 002 (30), N 003 (30)	11.2.	VU (3,856)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
615.	VU (1)	5631472	Vičkačkaitė, V., Petrokaitė, S., & Poškus, V. (2022). Gas chromatography for β -caryophyllene determination in St. John's wort infused oil. <i>Chemija</i> , t. 33(Nr. 4), p. 181-189. doi: 10.6001/chemija.v33i4.4810	N 003 (100)	11.00	VU (–)
616.	KTU (0,0556); VU (0,0556)	5631523	Xia, J., Zhang, Y., Cavazzini, M., Orlandi, S., Ding, B., & Kanda, H. et al. (2022). Asymmetrically substituted 10H,10'H-9,9'-spirobi [acridine] derivatives as hole-transporting materials for perovskite solar cells. <i>Angewandte chemie (international edition)</i> , vol. 61(iss. 48), p. 1-8. doi: 10.1002/anie.202212891	N 003 (100)	11.2.	KTU (2,564); VU (2,564)
617.	VU (0,0455)	5631770	Zhang, E., Wu, Y., Shao, H., Klimavičius, V., Zhang, H., & Taberna, P. et al. (2022). Unraveling the capacitive charge storage mechanism of nitrogen-doped porous carbons by EQCM and ssNMR. <i>Journal of the American Chemical Society</i> , vol. 144 (iss. 31), p. 14217-14225. doi: 10.1021/jacs.2c04841	N 002 (50), N 003 (50)	11.2.	VU (1,916)
618.	VU (1)	5632106	Ramanavičienė, A., Kaušaitė-Minkštimienė, A., Popov, A., Brasiūnas, B., & Ramanavičius, A. (2022). Design of immunosensors for rapid and sensitive detection of biomarkers. In <i>The detection of biomarkers: past, present and the future prospects / editors: Sibel Ozkan Nurgul Bakirhan Fariba Mollaraosouli</i> (chapter 12, p. 303-333). Cambridge, MA: Academic press (Elsevier).	N 003 (50), N 004 (50)	11.1.	VU (22)
619.	VU (1)	5632275	Baronėnas, Ž., Manstavičius, E., & Šapokaitė, P. (2021). A sharp inequality for the variance with respect to the Ewens sampling formula. <i>Lithuanian mathematical journal</i> , vol. 61(iss. 3, spec. iss. SI), p. 289-300. doi: 10.1007/s10986-021-09524-x	N 001 (100)	11.2.	VU (4,154)
620.	VU (0,5)	5632460	Damarackas, J., & Paulauskas, V. (2021). On Lamperti type limit theorem and scaling transition for random fields. <i>Journal of mathematical analysis and applications</i> , vol. 497(iss. 1), p. [1- 33]. doi: 10.1016/j.jmaa.2020.124852	N 001 (100)	11.2.	VU (5,587)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
621.	VU (1)	5632538	Kaulakytė, K., & Klovienė, N. (2021). On nonhomogeneous boundary value problem for the stationary Navier-Stokes equations in a symmetric cusp domain. <i>Mathematical modelling and analysis</i> , vol. 26(no. 1), p. 55-71. doi: 10.3846/mma.2021.12173	N 001 (100)	11.2.	VU (11,692)
622.	VU (1)	5632647	Paulauskas, V. (2021). Limit theorems for linear random fields with tapered innovations. I: The Gaussian case. <i>Lithuanian mathematical journal</i> , vol. 61(iss. 2), p. 261-273. doi: 10.1007/s10986-021-09517-w	N 001 (100)	11.2.	VU (4,154)
623.	VU (0,5)	5632696	Paulauskas, V., & Damarackas, J. (2021). Limit theorems for linear random fields with tapered innovations. II: The stable case. <i>Lithuanian mathematical journal</i> , vol. 61(iss. 4), p. 502-517. doi: 10.1007/s10986-021-09526-9	N 001 (100)	11.2.	VU (2,937)
624.	MRU (0,75); KU (0,1667)	5632770	Inácio, M., Karnauskaitė, D., Mikša, K., Gomes, E., Kalinauskas, M., & Pereira, P. (2022). Nature-Based Solutions to Mitigate Coastal Floods and Associated Socioecological Impacts. In C. Ferreira, Z. Kalantari, T. Hartmann, & P. Pereira, <i>Nature-Based Solutions for Flood Mitigation : Environmental and Socio- Economic Aspects : [monograph] / editors: Ferreira, C.S.S., Kalantari, Z., Hartmann, T., Pereira, P.</i> (p. 35-58). Cham: Springer International Publishing.	N 012 (20)	11.1.	MRU (2,55); KU (0,567)
625.	VU (1)	5632792	Panassenko, G. (2022). <i>Introduction to multiscale mathematical modeling</i> . London: World Scientific Publishing Europe Ltd.	N 001 (100)	11.1.	VU (123)
626.	VU (1)	5632873	Alencenovič, A., & Grigutis, A. (2022). Bi-seasonal discrete time risk model with income rate two. <i>Communications in statistics - theory and methods, first published online</i> , p. [1-18]. doi: 10.1080/03610926.2022.2026962	N 001 (100)	11.2.	VU (4,947)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
627.	VU (1)	5632908	Alonderis, R., Pliuškevičius, R., Pliuškevičienė, A., & Giedra, H. (2022). Loop-check specification for a sequent calculus of temporal logic. <i>Studia logica</i> , vol. 110, p. 1507-1536. doi: 10.1007/s11225-022-10010-9	N 001 (50), N 009 (50)	11.2.	VU (5,962)
628.	VU (1)	5632958	Astrauskas, A. (2022). Some bounds for the expectations of functions on order statistics and their applications. <i>Journal of theoretical probability, first on line</i> , p. [1-32]. doi: 10.1007/s10959-022-01179-9	N 001 (100)	11.2.	VU (4,947)
629.	KTU (0,7143); KU (0,1429); LEI (0,1429)	5632978	Abromaitis, V., Svaikauskaite, J., Sulciute, A., Sinkeviciute, D., Zmuidzinaviciene, N., & Misevicius, S. et al. (2022). Ozone- enhanced TiO2 nanotube arrays for the removal of COVID-19 aided antibiotic ciprofloxacin from water: Process implications and toxicological evaluation. <i>Journal of environmental management</i> , vol. 318, p. 1-14. doi: 10.1016/j.jenvman.2022.115515	N 003 (20)	11.2.	KTU (1,624); KU (0,325); LEI (0,325)
630.	VU (0,6)	5633060	Balčiūnas, A., Garbaliuskienė, V., Lukšienė, V., Macaitienė, R., & Rimkevičienė, A. (2022). Joint Discrete Approximation of Analytic Functions by Hurwitz Zeta-Functions. <i>Mathematical modelling and analysis</i> , vol. 27(no. 1), p. 88-100. doi: 10.3846/mma.2022.15068	N 001 (100)	11.2.	VU (7,015)
631.	VU (0,3333)	5633103	Bartzos, E., Emiris, I., & Vidunas, R. (2022). New upper bounds for the number of embeddings of minimally rigid graphs. <i>Discrete & computational geometry</i> , vol. 68(no. 3), p. 796-816. doi: 10.1007/s00454-022-00370-3	N 001 (100)	11.2.	VU (2,614)
632.	KU (0,95)	5633115	Bučas, M., Lesutienė, J., Nika, N., Skersonas, A., Ivanauskas, E., & Srėbalienė, G. et al. (2022). Juvenile fish associated with pondweed and charophyte habitat in the Curonian Lagoon. <i>Frontiers In marine science</i> , vol. 9, p. 1-17. doi: 10.3389/fmars.2022.862925	N 010 (40), N 012 (60)	11.2.	KU (13,912)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
633.	LKA (0,9167)	5633144	Bekešienė, S., Kanapeckaitė, R., Smaliukienė, R., Navickienė, O., Meidutė-Kavaliauskienė, I., & Vaičaitienė, R. (2022). Sustainable Reservists' Services: The Effect of Resilience on the Intention to Remain in the Active Military Reserve Using a Parallel Mediating Model. <i>Sustainability: Security Challenges in the Context of Sustainability, Vol. 14</i> (Iss. 19), pp. 1-19. doi: 10.3390/su141912048			LKA (ks)
634.	KU (0,1667)	5633166	Lukashanets, D., Hihiniak, Y., & Miamin, V. (2022). Extremely high abundances of Prasiola crispa-associated micrometazoans in East Antarctica. <i>Polar research, vol. 41</i> , p. 1-15. doi: 10.33265/polar.v41.7781	N 012 (100)	11.2.	KU (1,797)
635.	VU (0,4761); LKA (0,3571); VILNIUS TECH (0,0714)	5633177	Bekešienė, S., Smaliukienė, R., Vaičaitienė, R., Mažeikienė, A., Larsson, U., & Karčiauskaitė, D. et al. (2022). Three-Faceted Approach to Perceived Stress: A Longitudinal Study of Stress Hormones, Personality, and Group Cohesion in the Real-Life Setting of Compulsory Basic Military Training. <i>Sustainability: Security Challenges in the Context of Sustainability, Vol. 14</i> (Iss. 3), pp. 1-13. doi: 10.3390/su14031046	N 001 (20)	11.2.	VU (1,072); LKA (0,804); VILNIUS TECH (0,161)
636.	VU (1)	5633225	Belovas, I. (2022). Central limit theorems for combinatorial numbers associated with Laguerre polynomials. <i>Mathematics, vol.10</i> (no. 6), p. [1-18]. doi: 10.3390/math10060865	N 001 (100)	11.2.	VU (14,923)
637.	VU (1)	5633288	Belovas, I., Sabaliauskas, M., & Kuzma, L. (2022). Series with binomial-like coefficients for the investigation of fractal structures associated with the Riemann zeta function. <i>Fractal and fractional, vol. 6</i> (no. 6), p. [1-21]. doi: 10.3390/fractalfract6060300	N 001 (50), N 009 (50)	11.2.	VU (13,118)
638.	VU (1)	5633390	Belovas, I. (2022). The asymptotics of the geometric polynomials. <i>Mathematica Slovaca</i> , p. [1-9].	N 001 (100)	11.2.	VU (10,615)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
639.	VU (1)	5633409	Birbilas, A., & Račkauskas, A. (2022). Functional modelling of telecommunications data. <i>Mathematical modelling and analysis</i> , vol. 27(no. 1), p. 117-133. doi: 10.3846/mma.2022.14043	N 001 (100)	11.2.	VU (11,692)
640.	VU (0,5)	5633449	Bloznelis, M., & Götze, F. (2022). Edgeworth approximations for distributions of symmetric statistics. <i>Probability theory and related fields</i> , vol. 183(iss. 3-4), p. 1153-1235. doi: 10.1007/s00440-022-01144-x	N 001 (100)	11.2.	VU (6,624)
641.	VU (0,3333)	5633507	Bloznelis, M., Karjalainen, J., & Leskelä, L. (2022). Assortativity and bidegree distributions on Bernoulli random graph superpositions. <i>Probability in the engineering and informational sciences</i> , vol. 36(iss. 4), p. 1188-1213. doi: 10.1017/S0269964821000310	N 001 (50), N 009 (50)	11.2.	VU (2,198)
642.	VU (0,3333)	5633582	Chakraborty, K., Kanemitsu, S., & Laurinćikas, A. (2022). Complex powers of L-functions and integers without small prime factors. <i>Mediterranean journal of mathematics</i> , vol. 19(iss. 4), p. [1-23]. doi: 10.1007/s00009-022-02037-y	N 001 (100)	11.2.	VU (4,662)
643.	VILNIUS TECH (0,6667); VU (0,3333)	5633721	Čiegis, R., Čiegis, R., & Suboč, O. (2022). Parallel 3D ADI scheme for partially dimension reduced heat conduction problem. <i>Informatica</i> , vol. 00(iss. 00), p. 1-21. doi: 10.15388/22-INFOR481	N 001 (100)	11.2.	VILNIUS TECH (6,706); VU (3,353)
644.	VU (0,3333)	5633789	Čiegis, R., Dapšys, I., & Čiegis, R. (2022). A comparison of parallel algorithms for numerical solution of parabolic problems with fractional power elliptic operators. <i>Axioms</i> , vol. 11(iss. 3), p. [1-16]. doi: 10.3390/axioms11030098	N 001 (100)	11.2.	VU (3)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
645.	KU (0,1429)	5634489	Kruckenber, H., Müskens, G., Glazov, P., Moonen, S., Morkūnas, J., & Loshchagina, J. et al. (2022). Severe feather deformation in greater white-fronted goose (<i>Anser alb. albifrons</i>) goslings during hot summer period on Kolguev Island 2016. <i>European journal of wildlife research</i> , Vol. 68, Iss. 5, Art. No. 56, p. 1-8. doi: 10.1007/s10344-022-01603-9	N 010 (100)	11.2.	KU (2,543)
646.	VU (1)	5634548	Danielius, T., & Račkauskas, A. (2022). Multiple change-point detection in a functional sample via the -sum process. <i>Mathematics</i> , vol. 10(iss. 13), p. [1-27]. doi: 10.3390/math10132294	N 001 (100)	11.2.	VU (14,923)
647.	VU (1)	5634653	Dubickas, A. (2022). A game with two players choosing the coefficients of a polynomial. <i>Bulletin of the Malaysian Mathematical Sciences Society</i> , vol. 45(no. 2), p. 793-805. doi: 10.1007/s40840-021-01219-3	N 001 (100)	11.2.	VU (8,462)
648.	KU (0,0833)	5634662	Cucco, A., Martin, J., Quattrocchi, G., Fenco, H., Umgiesser, G., & Fernández, D. (2022). Water circulation and transport time scales in the Beagle Channel, southernmost tip of South America. <i>Journal of marine science and engineering</i> , vol. 10(iss. 7), p. 1- 32. doi: 10.3390/jmse10070941	N 006 (100)	11.2.	KU (1,811)
649.	VU (1)	5634688	Dubickas, A. (2022). An effective version of the primitive element theorem. <i>Indian journal of pure and applied mathematics</i> , vol. 53 (no. 3), p. 720-726. doi: 10.1007/s13226-021-00166-w	N 001 (100)	11.2.	VU (5,769)
650.	VU (0,5)	5634765	Dubickas, A., & Lukas Jonuška, L. (2022). Divisibility of integers obtained from truncated periodic sequences. <i>International journal of number theory</i> , vol. 18(no. 1), p. 165-174. doi: 10.1142/S1793042122500129	N 001 (100)	11.2.	VU (2,885)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
651.	VU (1)	5634907	Dubickas, A. (2022). Mahler measures of Pisot and Salem type numbers. <i>Quaestiones Mathematicae</i> , vol. 45(no. 9), p. 1449- 1458. doi: 10.2989/16073606.2021.1948455	N 001 (100)	11.2.	VU (5,769)
652.	VU (1)	5634939	Dubickas, A. (2022). Some polynomials with unimodular roots. <i>Bulletin of the Korean Mathematical Society</i> , vol. 59(no. 5), p. 1269-1277. doi: 10.4134/BKMS.b210728	N 001 (100)	11.2.	VU (4,692)
653.	VU (1)	5635015	Dubickas, A. (2022). Transcendancy of some constants related to integer sequences of polynomial iterations. <i>Ramanujan journal</i> , vol. 57(no. 2), p. 569-581. doi: 10.1007/s11139-021-00428-5	N 001 (100)	11.2.	VU (5,769)
654.	VU (1)	5635085	Garbaliuskiene, V., & Šiaučiūnas, D. (2022). Joint universality of certain Dirichlet series. <i>Mathematical notes</i> , vol. 111(no. 1-2), p. 13-19. doi: 10.1134/S0001434622010035	N 001 (100)	11.2.	VU (5,231)
655.	KU (0,25)	5635147	Morkūnas, J., Oppel, S., Bružas, M., Rouxel, Y., Morkūnė, R., & Mitchell, D. (2022). Seabird bycatch in a Baltic coastal gillnet fishery is orders of magnitude larger than official reports. <i>Avian conservation and ecology</i> , vol. 17(no. 1), p. 1-12. doi: 10.5751 /ACE-02153-170131	N 010 (100)	11.2.	KU (3,087)
656.	VU (1)	5635274	Garunkštis, R., & Panavas, T. (2022). The zeros of the Lerch zeta- function are uniformly distributed modulo one. <i>Ukrainian mathematical journal</i> , vol. 73(iss. 9), p. 1359-1370. doi: 10.1007 /s11253-022-01999-2	N 001 (100)	11.2.	VU (4,27)
657.	KU (0,1111)	5638786	Kleinschmidt, B., Burger, C., Bustamante, P., Dorsch, M., Heinänen, S., & Morkūnas, J. et al. (2022). Annual movements of a migratory seabird – the NW European red-throated diver (<i>Gavia stellata</i>) – reveals high individual repeatability but low migratory connectivity. <i>Marine biology</i> , vol. 169(no. 9), p. 1-19. doi: 10.1007/s00227-022-04096-x	N 010 (100)	11.2.	KU (2,181)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
658.	KU (0,375)	5638864	Fernández-Alías, A., Razinkovas-Baziukas, A., Morkūnė, R., Ibáñez-Martínez, H., Bacevičius, E., & Muñoz, I. et al. (2022). Recolonization origin and reproductive locations, but not isolation from the sea, lead to genetic structure in migratory lagoonal fishes. <i>Marine environmental research</i> , vol. 181, p. 1-10. doi: 10.1016/j.marenvres.2022.105732	N 012 (100)	11.2.	KU (3,626)
659.	KU (0,2)	5638880	Luoma, E., Laurila-Pant, M., Altarriba, E., Nevalainen, L., Helle, I., & Granhag, L. et al. (2022). A multi-criteria decision analysis model for ship biofouling management in the Baltic Sea. <i>Science of the total environment</i> , vol. 852, p. 1-9. doi: 10.1016/j.scitotenv.2022.158316	N 012 (100)	11.2.	KU (6,643)
660.	KU (0,1667)	5638897	Saoud, H., Sprynskyy, M., Pashaei, R., Kawalec, M., Pomastowski, P., & Buszewski, B. (2022). Diatom biosilica: Source, physical- chemical characterization, modification, and application. <i>Journal of separation science</i> , vol. 45(no. 17), p. 3362-3376. doi: 10.1002/jssc.202100981	N 012 (100)	11.2.	KU (1,969)
661.	KU (0,0833)	5639067	Karstens, S., Dorow, M., Bochart, R., Stybel, N., Schernewski, G., & Mühl, M. (2022). Stepping stones along urban coastlines- improving habitat connectivity for aquatic fauna with constructed floating wetlands. <i>Wetlands</i> , vol. 42(iss. 7), p. 1-12. doi: 10.1007/s13157-022-01598-8	N 012 (100)	11.2.	KU (0,96)
662.	KTU (0,75); VU (0,25)	5639167	Giniūnaitė, R., & Petkevičiūtė-Gerlach, D. (2022). Predicting the configuration and energy of DNA in a nucleosome by coarse- grain modelling. <i>Physical chemistry chemical physics</i> , vol. 24(iss. 42), p. 26124-26133. doi: 10.1039/d2cp03553g	N 001 (100)	11.2.	KTU (4,234); VU (1,411)
663.	VU (1)	5639266	Grigutis, A., & Jankauskas, J. (2022). On 2×2 determinants originating from survival probabilities in homogeneous discrete time risk model. <i>Results in mathematics</i> , vol. 77, p. [1-25]. doi: 10.1007/s00025-022-01736-y	N 001 (100)	11.2.	VU (11,987)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
664.	VU (0,25)	5639308	Jankauskas, J., & Thuswaldner, J. (2022). Rational matrix digit systems. <i>Linear & multilinear algebra, first published online</i> , p. [1-34]. doi: 10.1080/03081087.2022.2067813	N 001 (100)	11.2.	VU (2,801)
665.	VU (1)	5639329	Jasas, M., Laurinčikas, A., Stoncelis, M., & Šiaučiūnas, D. (2022). Discrete universality of absolutely convergent Dirichlet series. <i>Mathematical modelling and analysis</i> , vol. 27(no. 1), p. 78-87. doi: 10.3846/mma.2022.15069	N 001 (100)	11.2.	VU (11,692)
666.	KU (0,5)	5639456	Minchin, D. (2022). Offshore larval production of the seastar <i>Luidia ciliaris</i> (Asteroidea: Luidiidae) and observations on episodic recruitment inshore. <i>Cahiers de biologie marine</i> , vol. 63 (no. 2), p. 171-178. doi: 10.21411/CBM.A.B97411FC	N 012 (100)	11.00	KU (–)
667.	VU (1)	5639476	Jaunė, E., & Šiaulys, J. (2022). Asymptotic risk decomposition for regularly varying distributions with tail dependence. <i>Applied mathematics and computation</i> , vol. 427, p. [1-13]. doi: 10.1016/j.amc.2022.127164	N 001 (100)	11.2.	VU (16)
668.	VU (1)	5639528	Jokubaitis, S., & Leipus, R. (2022). Asymptotic normality in linear regression with approximately sparse structure. <i>Mathematic</i> , vol. 10, p. [1-27]. doi: 10.3390/math10101657	N 001 (100)	11.2.	VU (14,923)
669.	VU (0,5)	5639539	Jukna, S., & Lingas, A. (2022). Lower bounds for Boolean circuits of bounded negation. <i>Journal of computer and system sciences</i> , vol. 129, p. 90-105. doi: 10.1016/j.jcss.2022.05.003	N 001 (100)	11.00	VU (–)
670.	VU (0,3333)	5639578	Kačinskaitė, R., Matsumoto, K., & Pankowski, L. (2022). On mixed joint discrete universality for a class of zeta-functions: one more case. <i>Taiwanese journal of mathematics, first published online</i> , p. [1-16]. doi: 10.11650/tjm/220804	N 001 (100)	11.2.	VU (2,398)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
671.	VU (0,6667)	5639634	Kanapeckaitė, R., Bekešienė, S., & Bagdžiūnienė, D. (2022). Reserve Soldiers' Psychological Resilience Impact to Sustainable Military Competences: On the Mediating Role of Psychological Skills (Effort, Self-Efficacy, Proactivity). <i>Sustainability: Section Psychology of Sustainability and Sustainable Development</i> , Vol. 14(Iss. 11), pp. [1-17]. doi: 10.3390/su14116810			VU (ks)
672.	LSMU (0,625); VDU (0,125)	5640431	Darginavičius, L., Kajokaitė, I., Mikelionis, N., Vencloviene, J., Dobozinskas, P., & Vaitkaitienė, E. et al. (2022). Short- and long- term survival after out-of-hospital cardiac arrest in Kaunas (Lithuania) from 2016 to 2018. <i>BMC cardiovascular disorders</i> , 22 (1), 1-8. doi: 10.1186/s12872-022-02964-4	N 012 (20)	11.2.	LSMU (0,597); VDU (0,119)
673.	VDU (0,5833)	5640480	Galkienė, A., Monkevičienė, O., Kaminskiene, L., Krikštolaitis, R., Käsper, M., & Ivanova, I. (2022). Modeling the sustainable educational process for pupils from vulnerable groups in critical situations : COVID-19 context in Lithuania, Latvia, and Estonia. <i>Sustainability</i> , 14(3), 1-20. doi: 10.3390/ su14031748			VDU (ks)
674.	VDU (1)	5640615	Jakučionytė-Skodiene, M., Krikštolaitis, R., & Liobikienė, G. (2022). The contribution of changes in climate-friendly behaviour, climate change concern and personal responsibility to household greenhouse gas emissions: heating/cooling and transport activities in the European Union. <i>Energy</i> , (246), 1-10. doi: 10.1016/j.energy.2022.123387	N 001 (30), N 012 (70)	11.2.	VDU (11,616)
675.	VDU (1)	5640660	Kačinskaitė, R. (2022). On discrete universality in the Selberg–Steuding class. <i>Siberian mathematical journal</i> , 63(2), 277-285. doi: 10.1134/S0037446622020069	N 001 (100)	11.2.	VDU (4,692)
676.	VDU (1)	5640689	Kačinskaitė, R., & Togobickij, B. (2022). A modification of the mixed Joint universality theorem for a class of zeta functions. <i>Mathematics</i> , 10(19), 1–9. doi: 10.3390/math10193536	N 001 (100)	11.2.	VDU (14,923)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
677.	VDU (0,3333)	5640709	Kärki, T., McMullen, J., & Lehtinen, E. (2022). Improving rational number knowledge using the NanoRoboMath digital game. <i>Educational studies in mathematics</i> , 110(1), 101–123. doi: 10.1007/s10649-021-10120-6	N 001 (100)	11.2.	VDU (4,463)
678.	VDU (0,75); LEI (0,25)	5640824	Krikštolaitis, R., Bianco, V., Martišauskas, L., & Urbonienė, S. (2022). Analysis of electricity and natural gas security. A case study for Germany, France, Italy and Spain. <i>Energies</i> , 15(3), 1– 20. doi: 10.3390/en15031000	N 001 (10)	11.2.	VDU (0,371); LEI (0,124)
679.	VU (0,111)	5642024	Kaplunov, J., Panasenka, G., & Prikazchikova, L. (2022). Homogenized equation of second-order accuracy for conductivity of laminates. <i>Applicable analysis: Special issue on the occasion of Professor P. Robert Gilbert's 90th birthday</i> , vol. 101(iss. 11), p. 3886-3894. doi: 10.1080/00036811.2022.2027387	N 001 (100)	11.2.	VU (1,299)
680.	KU (0,3)	5642225	Escobar-Sanchez, G., Markfort, G., Berghald, M., Ritzenhofen, L., & Schernewski, G. (2022). Aerial and underwater drones for marine litter monitoring in shallow coastal waters: factors influencing item detection and cost-efficiency. <i>Environmental monitoring and assessment</i> , Vol. 194, Iss. 12, Art. No. 863, p. 1-28. doi: 10.1007/s10661-022-10519-5	N 012 (100)	11.2.	KU (2,219)
681.	KU (0,0833)	5642287	Pinardi, M., Soana, E., Severini, E., Racchetti, E., Celico, F., & Bartoli, M. (2022). Agricultural practices regulate the seasonality of groundwater-river nitrogen exchanges. <i>Agricultural Water Management</i> , Vol. 273, Art. No. 107904, p. 1-12. doi: 10.1016/j. agwat.2022.107904	N 012 (100)	11.2.	KU (2,352)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
682.	KU (0,6212)	5642570	Pashaei, R., Dzingelevičienė, R., Bradauskaitė, A., Lajevardipour, A., Mlynska-Szultka, M., & Dzingelevičius, N. et al. (2022). Pharmaceutical and Microplastic Pollution before and during the COVID-19 Pandemic in Surface Water, Wastewater, and Groundwater. <i>Water</i> , Vol. 14, Iss. 19, Art. No. 3082, p. 1-17. doi: 10.3390/w14193082	N 012 (80)	11.2.	KU (6,822)
683.	VU (0,5)	5642629	Karčiauskas, K., & Peters, J. (2022). An improved refinement rule for multi-sided faces. <i>Computers and graphics</i> , vol. 102, p. 370- 379. doi: 10.1016/j.cag.2021.10.008	N 001 (50), N 009 (50)	11.2.	VU (4,852)
684.	VU (0,5)	5642683	Karčiauskas, K., & Peters, J. (2022). Bi-cubic scaffold surfaces. <i>Computer-aided design</i> , vol. 150, p. [1-10]. doi: 10.1016/j.cad.2022.103310	N 001 (50), N 009 (50)	11.2.	VU (7,326)
685.	VU (0,5)	5642771	Karčiauskas, K., & Peters, J. (2022). Localized remeshing for polyhedral splines. <i>Computers & graphics</i> , vol. 106, p. 58-65. doi: 10.1016/j.cag.2022.05.019	N 001 (50), N 009 (50)	11.2.	VU (4,852)
686.	VU (0,6667)	5642818	Konstantinides, D., Leipus, R., & Šiaulys, J. (2022). A note on product-convolution for generalized subexponential distributions. <i>Nonlinear analysis: modelling and control</i> , vol. 27(no. 6), p. 1054- 1067. doi: 10.15388/namc.2022.27.29405	N 001 (100)	11.2.	VU (6,97)
687.	VU (1)	5642841	Kubilius, K., & Medžiūnas, A. (2022). Pathwise convergent approximation for the fractional SDEs. <i>Mathematics</i> , vol. 10(iss. 4), p. [1-16]. doi: 10.3390/math10040669	N 001 (100)	11.2.	VU (14,923)
688.	VU (1)	5642890	Kurauskas, V. (2022). On local weak limit and subgraph counts for sparse random graphs. <i>Journal of applied probability</i> , vol. 59 (iss. 3), p. 755-776. doi: 10.1017/jpr.2021.84	N 001 (100)	11.2.	VU (5,684)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
689.	GTC (0,5714); VU (0,2857); KU (0,1429)	5642899	Šimanauskienė, R., Linkevičienė, R., Povilanskas, R., Satkūnas, J., Veteikis, D., & Baubiniene, A. et al. (2022). Curonian Spit Coastal Dunes Landscape: Climate Driven Change Calls for the Management Optimization Land. <i>Land, Vol. 11, Iss. 6, Art. No. 877</i> , p. 1-14. doi: 10.3390/land11060877	N 006 (100)	11.2.	GTC (4,202); VU (2,101); KU (1,05)
690.	VU (1)	5642925	Laurinčikas, A. (2022). Joint approximation of analytic functions by shifts of the Riemann zeta-function twisted by the Gram function II. <i>Axioms</i> , vol. 11(no. 11), p. [1-17]. doi: 10.3390/axioms11110613	N 001 (100)	11.2.	VU (9)
691.	VU (1)	5642968	Laurinčikas, A. (2022). Joint discrete universality for periodic zeta functions. IV. <i>Quaestiones mathematicae</i> , vol. 45(no. 11), p. 1743-1757. doi: 10.2989/16073606.2021.1970043	N 001 (100)	11.2.	VU (5,769)
692.	VU (1)	5643023	Laurinčikas, A. (2022). Joint universality in short intervals with generalized shifts for the Riemann zeta-function. <i>Mathematics</i> , vol. 10(iss. 10), p. 1-15. doi: 10.3390/math10101652	N 001 (100)	11.2.	VU (14,923)
693.	VU (1)	5643045	Laurinčikas, A., & Macaitienė, R. (2022). A generalized Bohr–Jessen type theorem for the Epstein zeta-function. <i>Mathematic</i> , vol. 10(no. 12), p. [1-11]. doi: 10.3390/math10122042	N 001 (100)	11.2.	VU (14,923)
694.	VU (1)	5643108	Laurinčikas, A., Macaitienė, R., & Šiaučiūnas, D. (2022). Universality of an absolutely convergent Dirichlet series with modified shifts. <i>Turkish journal of mathematics</i> , vol. 46(no. 6), p. 2440-2449. doi: 10.55730/1300-0098.3279	N 001 (100)	11.2.	VU (7,385)
695.	VU (1)	5643186	Laurinčikas, A. (2022). On joint universality of the Riemann and Hurwitz zeta-functions. <i>Mathematical notes</i> , vol. 111(iss. 3-4), p. 571-578. doi: 10.1134/S0001434622030257	N 001 (100)	11.2.	VU (5,231)
696.	VU (1)	5643194	Laurinčikas, A. (2022). On universality of the Riemann and Hurwitz zeta-functions. <i>Results in mathematics</i> , vol. 77(no. 1), p. 1-16. doi: 10.1007/s00025-021-01564-6	N 001 (100)	11.2.	VU (11,987)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
697.	VU (1)	5643203	Laurinčikas, A., & Šiaučiūnas, D. (2022). Joint approximation by Dirichlet L-functions. <i>Mathematica Slovaca</i> , vol. 72(no. 1), p. 51- 66. doi: 10.1515/ms-2022-0004	N 001 (100)	11.2.	VU (10,615)
698.	KU (0,1429)	5643245	Blackburn, N., Haecky, P., Jurgensone, I., Grinienė, E., Brugel, S., & Andersson, A. et al. (2022). The use of an automated organism tracking microscope in mesocosm experiments. <i>Limnology and Oceanography: Methods</i> , Vol. 20, Iss. 12, p. 768-780. doi: 10.1002/lom3.10521	N 010 (100)	11.2.	KU (2,556)
699.	VU (1)	5643273	Laurinčikas, A., & Šiaučiūnas, D. (2022). Joint approximation by non-linear shifts of Dirichlet L-functions. <i>Journal of mathematical analysis and applications</i> , vol. 516(no. 2), p. [1-14]. doi: 10.1016/j.jmaa.2022.126524	N 001 (100)	11.2.	VU (7,901)
700.	VU (1)	5643293	Laurinčikas, A., & Vadeikis, G. (2022). Joint weighted universality of the Hurwitz zeta-functions. <i>St. Petersburg mathematical journal</i> , vol. 33(iss. 3), p. 511-522. doi: 10.1090/spmj/1712	N 001 (100)	11.2.	VU (6,308)
701.	GTC (0,0833); KU (0,0833)	5643303	Mouttaki, I., Bagdanavičiūtė, I., Maanan, M., Erraiss, M., Rhinane, H., & Maanan, M. (2022). Classifying and Mapping Cultural Ecosystem Services Using Artificial Intelligence and Social Media Data. <i>Wetlands</i> , Vol. 42, Iss. 7, Art. No. 86, p. 1-18. doi: 10.1007/s13157-022-01616-9	N 006 (100)	11.2.	GTC (0,784); KU (0,784)
702.	VU (1)	5643333	Litvinas, L. (2022). A hybrid of Bayesian-based global search with Hooke–Jeeves local refinement for multi-objective optimization problems. <i>Nonlinear analysis: modelling and control</i> , vol. 27(no. 3), p. 534-555. doi: 10.15388/namc.2022.27.26558	N 001 (100)	11.2.	VU (7,393)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
703.	VILNIUS TECH (0,5); VU (0,5)	5643427	Mačiulytė-Šniukienė, A., Butkus, M., Macaitienė, R., & Davidavičienė, V. (2022). Infrastructure and EU regional convergence: What policy implications does non-linearity bring? <i>Mathematics: Special issue: Frontiers in economic analysis and statistics modeling with applications to social sciences, vol. 11</i> (iss. 1), p. 1-23. doi: 10.3390/math11010001	N 001 (30)	11.2.	VILNIUS TECH (2,238); VU (2,238)
704.	VU (1)	5643506	Mackevičius, V., & Mongirdaitė, G. (2022). Weak approximations of the Wright–Fisher process. <i>Mathematics, vol. 10</i> (iss. 1), p. [1- 20]. doi: 10.3390/math10010125	N 001 (100)	11.2.	VU (14,923)
705.	KU (0,8055)	5644272	Politi, T., Žilius, M., Forni, P., Zaiko, A., Daunys, D., & Bartoli, M. (2022). Biogeochemical buffers in a eutrophic coastal lagoon along an oxic-hypoxic transition. <i>Estuarine, coastal and shelf science, Vol. 279, Art. No. 108132</i> , p. 1-13. doi: 10.1016/j.ecss. 2022.108132	N 012 (100)	11.2.	KU (13,408)
706.	KU (0,9); LCC (0,1)	5644623	Dailidė, R., Dailidė, G., Razbadauskaitė-Venskė, I., Povilanskas, R., & Dailidienė, I. (2022). Sea-Breeze Front Research Based on Remote Sensing Methods in Coastal Baltic Sea Climate: Case of Lithuania. <i>Journal of marine science and engineering, Vol. 10, Iss. 11, Art. No. 1779</i> , p. 1-15. doi: 10.3390/jmse10111779	N 006 (90)	11.2.	KU (6,655); LCC (0,739)
707.	KU (0,125)	5644995	Smolinski, S., Ottmann, D., Outinen, O., Schadeberg, A., Melli, V., & Funk, L. et al. (2022). Counting stars: contribution of early career scientists to marine and fisheries sciences. <i>ICES journal of marine science, Vol. 79, Iss. 9</i> , p. 2351-2361. doi: 10.1093/icesjms/fsac187	N 012 (100)	11.2.	KU (4,287)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
708.	KU (0,1429)	5645054	Kleinschmidt, B., Dorsch, M., Heinänen, S., Morkūnas, J., Schumm, Y., & Žydelis, R. et al. (2022). Prevalence of haemosporidian parasites in an Arctic breeding seabird species – The Red-Throated Diver (<i>Gavia stellata</i>). <i>Microorganisms</i> , Vol. 10, Iss. 11, Art. No. 2147, p. 1-14. doi: 10.3390/microorganisms10112147	N 010 (100)	11.2.	KU (2,668)
709.	LSU (0,1429)	5645655	Dopsaj, M., Andraos, Z., Richa, C., Mitri, A., Makdissi, E., & Zoghbi, A. et al. (2022). Maximal and explosive strength normative data for handgrip test according to gender: international standardization approach. <i>Human movement</i> , vol. 23(iss. 4), p. 78-88. doi: 10.5114/hm.2022.108314	N 010 (50)	11.00	LSU (–)
710.	VDU (1)	5647745	Liobikienė, G., Krikštolaitis, R., & Miceikienė, A. (2022). The main determinants of changes in biomass extraction: the decomposition analysis approach. <i>Environment, development and sustainability</i> , 1–17. doi: 10.1007/s10668-022-02383-7	N 001 (30)	11.2.	VDU (2,167)
711.	LEI (0,6667); VDU (0,1667)	5647866	Martišauskas, L., Augutis, J., Krikštolaitis, R., Urbonas, R., Šarūnienė, I., & Kopustinskas, V. (2022). A framework to assess the resilience of energy systems based on quantitative indicators. <i>Energies</i> , 15(11), 1–25. doi: 10.3390/en15114040	N 001 (30)	11.2.	LEI (1,399); VDU (0,35)
712.	VDU (1)	5648027	Rupšys, P., & Petrauskas, E. (2022). On the construction of growth models via symmetric copulas and stochastic differential equations. <i>Symmetry</i> , 14(10), 1–20. doi: 10.3390/sym14102127	N 001 (50)	11.2.	VDU (2,313)
713.	VDU (1)	5648204	Skeirytė, A., Krikštolaitis, R., & Liobikienė, G. (2022). The differences of climate change perception, responsibility and climate-friendly behavior among generations and the main determinants of youth's climate-friendly actions in the EU. <i>Journal of environmental management</i> , (323), 1–9. doi: 10.1016/j.jenvman.2022.116277	N 001 (30), N 012 (70)	11.2.	VDU (11,369)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
714.	VU (1)	5648421	Manstavičius, M., & Bagdonas, G. (2022). A class of bivariate independence copula transformations. <i>Fuzzy sets and systems</i> , vol. 428, p. 58-79. doi: 10.1016/j.fss.2020.12.022	N 001 (100)	11.2.	VU (14,188)
715.	VU (1)	5648537	Manstavičius, M. (2022). Diversity of bivariate concordance measures. <i>Mathematics: Special issue: Modeling and simulation in dynamical systems</i> , vol. 10(iss. 7), p. [1-18]. doi: 10.3390/math10071103	N 001 (100)	11.2.	VU (14,923)
716.	VU (1)	5648546	Markevičiūtė, J., Bernatavičienė, J., Levulienė, R., Medvedev, V., Treigys, P., & Venskys, J. (2022). Attention-based and time series models for short-term forecasting of COVID-19 spread. <i>CMC- Computers, materials & continua</i> , vol. 70(no. 1), p. 695-714. doi: 10.32604/cmc.2022.018735	N 001 (50)	11.2.	VU (2,959)
717.	VU (1)	5648571	Markevičiūtė, J., Bernatavičienė, J., Levulienė, R., Medvedev, V., Treigys, P., & Venskys, J. (2022). Impact of COVID-19-related lockdown measures on economic and social outcomes in Lithuania. <i>Mathematics</i> , vol. 10(no. 15), p. [1-20]. doi: 10.3390/math10152734	N 001 (50)	11.2.	VU (7,462)
718.	VU (0,3333)	5648587	Markovich, N., Ryzhov, M., & Vaičiulis, M. (2022). Tail index estimation of PageRanks in evolving random graphs. <i>Mathematics</i> , vol. 10(no. 16), p. [1-26]. doi: 10.3390/math10163026	N 001 (100)	11.2.	VU (7,035)
719.	VU (1)	5648707	Norvidas, S. (2022). Some inequalities of the large sieve type. <i>Acta mathematica Hungarica</i> , vol. 160(iss. 1), p. 205-215. doi: 10.1007/s10474-022-01211-8	N 001 (100)	11.2.	VU (6,846)
720.	VU (1)	5648745	Otera, D. (2022). Double points and universal covers. <i>Filomat</i> , vol. 36(iss. 4), p. 1171-1177. doi: 10.2298/FIL2204171O	N 001 (100)	11.2.	VU (5,632)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
721.	VU (1)	5648771	Otera, D. (2022). On simplicial resolutions of groups. <i>Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas</i> , vol. 116(no. 3), p. [1-17]. doi: 10.1007/s13398-022-01283-9	N 001 (100)	11.2.	VU (17,615)
722.	VU (0,5)	5648810	Panassenko, G., Pileckas, K., & Vernescu, B. (2022). Steady state non-Newtonian flow in a thin tube structure: equation on the graph. <i>St. Petersburg mathematical journal</i> , vol. 33(iss. 2), p. 327-340. doi: 10.1090/spmj/1702	N 001 (100)	11.2.	VU (5,463)
723.	VU (0,3333)	5648821	Panassenko, G., Pileckas, K., & Vernescu, B. (2022). Steady state non-Newtonian flow with strain rate dependent viscosity in thin tube structure with no slip boundary condition. <i>Mathematical modelling of natural phenomena</i> , vol. 17, p. [1-36]. doi: 10.1051/mmnp/2022005	N 001 (100)	11.2.	VU (4,844)
724.	VU (0,1665)	5648862	Panassenko, G., & Viallon, M. (2022). Method of asymptotic partial decomposition with discontinuous junctions. <i>Computers & mathematics with applications</i> , vol. 105, p. 75-93. doi: 10.1016/j.camwa.2021.11.017	N 001 (100)	11.2.	VU (3,504)
725.	VU (0,3333)	5649154	Wang, J., Pausch, P., & Doudna, J. (2022). Structural biology of CRISPR–Cas immunity and genome editing enzymes. <i>Nature reviews microbiology</i> , vol. 20, p. 641-656. doi: 10.1038/s41579-022-00739-4	N 004 (40), N 010 (30)	11.2.	VU (52,325)
726.	KU (0,1)	5650118	Pucci, M., Di Garbo, C., Bellafiore, D., Zanforlin, S., & Umgiesser, G. (2022). A BEM-based model of a horizontal axis tidal turbine in the 3D shallow water code SHYFEM. <i>Journal of marine science and engineering</i> , Vol. 10, Iss. 12, Art. No. 1864, p. 1-18. doi: 10.3390/jmse10121864	N 006 (100)	11.2.	KU (1,423)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
727.	VU (0,5)	5651989	Pilipauskaitė, V., & Sургailis, D. (2022). Local scaling limits of Levy driven fractional random fields. <i>Bernoulli</i> , vol. 28(no. 4), p. 2833-2861. doi: 10.3150/21-BEJ1439	N 001 (100)	11.2.	VU (5,322)
728.	VILNIUS TECH (0,3333); VU (0,3333); KTU (0,1667)	5652000	Pupalaigė, K., Sapagovas, M., & Čiupaila, R. (2022). Nonlinear elliptic equation with nonlocal integral boundary condition depending on two parameters. <i>Mathematical modelling and analysis</i> , vol. 27(no. 4), p. 610-628. doi: 10.3846/mma.2022.16209	N 001 (70)	11.2.	VILNIUS TECH (2,728); VU (2,728); KTU (1,364)
729.	VU (0,5)	5652041	Račkauskas, A., & Suquet, C. (2022). Asymptotic normality in Banach spaces via Lindeberg method. <i>Journal of theoretical probability, first published online</i> , p. [1-47]. doi: 10.1007/s10959-022-01177-x	N 001 (100)	11.2.	VU (3,498)
730.	VU (0,5)	5652128	Regelskis, V. (2022). Algebraic Bethe ansatz for spinor R- matrices. <i>SciPost physics</i> , vol.12(no. 2), p. [1-38]. doi: 10.21468/SciPostPhys.12.2.067	N 001 (50), N 002 (50)	11.2.	VU (8,22)
731.	VU (0,5)	5652210	Rimkevičienė, A., & Šiaučiūnas, D. (2022). On discrete approximation of analytic functions by shifts of the Lerch zeta function. <i>Mathematics</i> , vol. 10(iss. 24), p. [1-13]. doi: 10.3390/math10244650	N 001 (100)	11.2.	VU (7,462)
732.	VU (0,5)	5652246	Rodionov, I., & Vaičiulis, M. (2022). The estimation of parameters for the tapered Pareto distribution from incomplete data. <i>Lithuanian mathematical journal</i> , vol. 62(iss. 3), p. 391-411. doi: 10.1007/s10986-022-09567-8	N 001 (100)	11.2.	VU (2,937)
733.	VU (1)	5652300	Sapagovas, M., & Novickij, J. (2022). Alternating direction method for the wave equation with integral boundary conditions. <i>Applied numerical mathematics</i> , vol. 182, p. 1-13. doi: 10.1016/j.apnum. 2022.07.017	N 001 (100)	11.2.	VU (11,8)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
734.	VU (0,6667); VILNIUS TECH (0,3333)	5652327	Sapagovas, M., Novickij, J., & Čiupaila, R. (2022). Stability analysis of the Peaceman-Rachford method for parabolic equations with nonlocal conditions. <i>Electronic journal of differential equations</i> , vol. 2022(no. 44), p. 1-15.	N 001 (100)	11.2.	VU (3,452); VILNIUS TECH (1,726)
735.	VU (1)	5652338	Šiaulys, J., & Puišys, R. (2022). Survival with random effect. <i>Mathematics</i> , vol. 10(no. 7), p. [1-17]. doi: 10.3390/math10071097	N 001 (100)	11.2.	VU (14,923)
736.	VU (1)	5652413	Skakauskas, V. (2022). The Kermack-McKendrick epidemic model with variable infectivity modified. <i>Journal of mathematical analysis and applications</i> , vol. 507, p. [1-18]. doi: 10.1016/j.jmaa. 2021.125817	N 001 (100)	11.2.	VU (7,901)
737.	VU (0,4761)	5652421	Smaliukienė, R., Bekešienė, S., Mažeikienė, A., Larsson, U., Karčiauskaitė, D., & Mazgelytė, E. et al. (2022). Hair cortisol, perceived stress, and the effect of group dynamics: a longitudinal study of young men during compulsory military training in Lithuania. <i>International Journal of Environmental Research and Public Health: Emergent Topics in Young Adult Health Disparities</i> , Vol. 19(Iss. 3), pp. 1-15. doi: 10.3390/ijerph19031663			VU (ks)
738.	VU (0,5)	5652510	Štikonas, A., & Šen, E. (2022). Asymptotic analysis of Sturm- Liouville problem with Neumann and nonlocal two-point boundary conditions. <i>Lithuanian mathematical journal</i> , vol. 62 (no. 4), p. 519-541. doi: 10.1007/s10986-022-09577-6	N 001 (100)	11.2.	VU (2,937)
739.	VILNIUS TECH (0,5); VU (0,5)	5652519	Šumskas, V., & Čiegis, R. (2022). Finite volume ADI scheme for hybrid dimension heat conduction problems set in a cross- shaped domain. <i>Lithuanian mathematical journal</i> , vol. 62(iss. 2), p. 239-258. doi: 10.1007/s10986-022-09561-0	N 001 (100)	11.2.	VILNIUS TECH (2,077); VU (2,077)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
740.	VU (1)	5652528	Sunklodas, J. (2022). On some approximations for sums of independent random variables. <i>Lithuanian mathematical journal</i> , vol. 62(no. 2), p. 218-238. doi: 10.1007/s10986-022-09560-1	N 001 (100)	11.2.	VU (4,154)
741.	VU (0,5); VILNIUS TECH (0,1)	5652536	Trečiokienė, I., Bratčikovienė, N., Gulbinovič, J., Wettermark, B., & Taxis, K. (2022). Non-persistence to antihypertensive drug therapy in Lithuania. <i>European journal of clinical pharmacology</i> , vol. 78(iss. 10), p. 1687-1696. doi: 10.1007/s00228-022-03369-0	N 001 (50)	11.2.	VU (2,777); VILNIUS TECH (0,555)
742.	VU (0,35); VUL SK (0,225); MRU (0,05); VILNIUS TECH (0,025)	5652583	Žakauskienė, U., Mačionienė, E., Zabulienė, L., Sukackienė, D., Linkevičiūtė-Dumčė, A., & Banys, V. et al. (2022). Sodium, potassium and iodine intake in an adult population of Lithuania. <i>Nutrients</i> , vol. 14(no. 18), p. [1-14]. doi: 10.3390/nu14183817	N 001 (20)	11.2.	VU (1,331); VUL SK (0,856); MRU (0,19); VILNIUS TECH (0,095)
743.	VU (0,5)	5652668	Pilipauskaitė, V., & Surgailis, D. (2022). Scaling limits of linear random fields on Z ² with general dependence axis. In <i>In and out of equilibrium 3: Celebrating Vladas Sidoravicius / Vares, M.E., Fernández, R., Fontes, L.R., Newman, C.M. (eds)</i> (p. 683-710). Cham: Birkhäuser.	N 001 (100)	11.00	VU (–)
744.	VDU (0,0385)	5653681	Nakagawa, T., Dalladay-Simpson, P., Kejun, B., Guo, S., Vrankić, M., & Wang, D. et al. (2022). Piezochromic luminescence of dicoronylene: Key for revealing hidden Raman modes at high pressure. <i>Carbon</i> , (197), 563-569. doi: 10.1016/j.carbon.2022.06.009	N 011 (100)	11.2.	VDU (0,908)
745.	LEI (0,4286); VDU (0,3571)	5653736	Sereika, R., Žaltauskas, R., Varnagiris, Š., Urbonavičius, M., Liu, F., & Ding, Y. et al. (2022). On the structure of SbTeI. <i>Journal of applied physics</i> , 132(1), 1–7. doi: 10.1063/5.0090152	N 003 (60)	11.2.	LEI (2,264); VDU (1,887)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
746.	VDU (0,0909)	5653875	Susilo, R., Yu, L., Sheng, H., Dong, H., Sereika, R., & Kim, B. et al. (2021). A tunable band gap of the layered semiconductor Zn ₃ In ₂ S ₆ under pressure. <i>Journal of Materials Chemistry C</i> , 10 (5), 1825–1832. doi: 10.1039/D1TC05098B	N 011 (100)	11.2.	VDU (1,748)
747.	KTU (0,6667); VDU (0,3333)	5654069	Šlinkšienė, R., Sendžikienė, E., Mikolaitienė, A., Makarevičienė, V., Paleckienė, R., & Ragauskaitė, D. (2022). Use of microalgae biomass for production of granular nitrogen biofertilizers. <i>Green chemistry letters and reviews</i> , 15(2), 415–425. doi: 10.1080/17518253.2022.2071593	N 003 (10)	11.2.	KTU (0,578); VDU (0,289)
748.	VDU (0,6)	5654770	Judickaitė, A., Lyushkevich, V., Filatova, I., Mildažienė, V., & Žūkienė, R. (2022). The potential of cold plasma and electromagnetic field as stimulators of natural sweeteners biosynthesis in <i>Stevia rebaudiana</i> Bertoni. <i>Plants</i> , 11(5), 1–16. doi: 10.3390/plants11050611	N 004 (100)	11.2.	VDU (7,913)
749.	VDU (0,3333)	5655219	Kharchenko, Y., Lastovetska, L., Maslak, V., Sidorenko, M., Vasylenko, V., & Shydlovska, O. (2022). Antibacterial activity of green synthesised silver nanoparticles on <i>saccharomyces cerevisiae</i> . <i>Applied Sciences</i> , 12(7), 1–11. doi: 10.3390/app12073466	N 004 (100)	11.2.	VDU (3,541)
750.	IMC (0,0769)	5655299	Madamsetty, V., Mohammadinejad, R., Uzielienė, I., Nabavi, N., Dehshahri, A., & García-Couce, J. et al. (2022). Dexamethasone: insights into pharmacological aspects, therapeutic mechanisms, and delivery systems. <i>ACS Biomaterials Science & Engineering</i> , 8 (5), 1763-1790. doi: 10.1021/acsbiomaterials.2c00026	N 010 (100)	11.2.	IMC (1,961)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
751.	LSMU (0,6563); VDU (0,125)	5655440	Lukoševičius, R., Juzėnas, S., Šaltenienė, V., Kūlokienė, U., Arštikytė, J., & Hemmrich-Stanisak, G. et al. (2022). miRNome profiling and functional analysis reveal involvement of hsa-miR- 1246 in colon adenoma-carcinoma transition by targeting AXIN2 and CFTR. <i>International journal of molecular sciences</i> , 23(4), 1– 15. doi: 10.3390/ijms23042107	N 010 (30), N 011 (20)	11.2.	LSMU (5,43); VDU (1,035)
752.	VDU (0,75); KTU (0,25)	5655540	Maciulevičius, M., Tamošiūnas, M., Jurkonis, R., & Šatkauskas, S. (2022). Dosimetric assessment of antitumor treatment by enhanced bleomycin delivery via electroporation and sonoporation. <i>Bioelectrochemistry</i> , (146), 1–12. doi: 10.1016/j. bioelechem.2022.108153	N 004 (30), N 011 (40)	11.2.	VDU (4,515); KTU (1,505)
753.	LEI (0,6667); VDU (0,3333)	5655802	Urbonavičius, M., Varnagiris, S., Simona, T., Sakalauskaitė, S., Demikytė, E., & Lelis, M. (2022). Visible-light-driven photocatalytic inactivation of bacteria, bacteriophages, and their mixtures using ZnO-coated HDPE beads as floating photocatalyst. <i>Materials</i> , 15(4), 1–13. doi: 10.3390/ma15041318	N 004 (30)	11.2.	LEI (1,193); VDU (0,596)
754.	VDU (0,25)	5656212	Alzaqebah, A., Aljarah, I., Al-Kadi, O., & Damaševičius, R. (2022). A Modified Grey Wolf optimization algorithm for an Intrusion Detection System. <i>Mathematics</i> , 10(6), 1–16. doi: 10.3390 /math10060999	N 009 (100)	11.2.	VDU (5,276)
755.	VDU (0,8)	5656223	Buchman, D., Drozdov, M., Krilavičius, T., Maskeliūnas, R., & Damaševičius, R. (2022). Pedestrian and animal recognition using doppler radar signature and deep learning. <i>Sensors</i> , 22(9), 1–18. doi: 10.3390/s22093456	N 009 (100)	11.2.	VDU (9,327)
756.	VDU (0,1667)	5656235	Issa, M., Helmi, A., Al-nofli, M., Abdelghani, D., Abd-elmagid, M., & Damaševičius, R. (2022). Human activity recognition based on embedded sensor data fusion for the internet of healthcare things. <i>Healthcare</i> , 10(6), 1–16. doi: 10.3390 /healthcare10061084	N 009 (100)	11.2.	VDU (3,318)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
757.	VDU (0,25)	5657217	Jabeen, K., Khan, M., Alhaisoni, M., Tariq, M., Zhang, Y., & Hamza, A. et al. (2022). Breast cancer classification from ultrasound images using probability-based optimal deep learning feature fusion. <i>Sensors</i> , 22(3), 1–23. doi: 10.3390/s22030807	N 009 (100)	11.2.	VDU (4,609)
758.	VDU (0,25)	5657244	Juozaitytė, R., & Wit, E. (2022). Non-parametric estimation of reciprocity and triadic effects in relational event networks. <i>Social networks</i> , (68), 296–305. doi: 10.1016/j.socnet.2021.08.004	N 001 (80)	11.2.	VDU (3,273)
759.	VDU (0,3333)	5657312	Khurma, R., Aljarah, I., Sharieh, A., Elaziz, M., Damaševičius, R., & Krilavičius, T. (2022). A review of the modification strategies of the nature inspired algorithms for feature selection problem. <i>Mathematics</i> , 10(3), 1–45. doi: 10.3390/math10030464	N 009 (100)	11.2.	VDU (11,123)
760.	VDU (1)	5657326	Kuiziniene, D., Krilavičius, T., Damaševičius, R., & Maskeliūnas, R. (2022). Systematic review of financial distress identification using artificial intelligence methods. <i>Applied artificial intelligence</i> , 36(1), 3526–3571. doi: 10.1080/08839514.2022.2138124	N 009 (100)	11.2.	VDU (5,974)
761.	VDU (0,125)	5657499	Kulvičius, T., Herzog, S., Tamošiūnaitė, M., & Wörgötter, F. (2022). Finding optimal paths using networks without learning-- unifying classical approaches. <i>IEEE transactions on neural Networks and learning systems</i> , vol. 33(iss. 12), 7877–7887. doi: 10.1109/TNNLS.2021.3089023	N 009 (100)	11.2.	VDU (3,717)
762.	VDU (0,1429)	5658327	Masood, H., Zafar, A., Umair Ali, M., Hussain, T., Khan, M., & Tariq, U. et al. (2022). Tracking of a fixed-shape moving object based on the gradient descent method. <i>Sensors</i> , 22(3), 1–15. doi: 10.3390/s22031098	N 009 (100)	11.2.	VDU (2,885)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
763.	VDU (0,25)	5658357	Mohammed, H., Mustafa, M., Sura, K., Amjad, R., Mazhar, J., & Vitkutė-Adžgauskienė, D. et al. (2022). Harris Hawks sparse auto- encoder networks for automatic speech recognition system. <i>Applied Sciences</i> , 12(3), 1–18. doi: 10.3390/app12031091	N 009 (100)	11.2.	VDU (3,252)
764.	VDU (0,0833)	5658948	Möller, K., Kappel, D., Tamošiūnaitė, M., Tetzlaff, C., Porr, B., & Wörgötter, F. (2022). Differential Hebbian learning with time- continuous signals for active noise reduction. <i>PLoS ONE</i> , 17(5), 1– 17. doi: 10.1371/journal. pone.0266679	N 009 (100)	11.2.	VDU (0,933)
765.	VDU (0,2)	5658961	Ogundokun, R., Misra, S., Douglas, M., Damaševičius, R., & Maskeliūnas, R. (2022). Medical internet-of-things based breast cancer diagnosis using hyperparameter-optimized neural networks. <i>Future Internet</i> , 14(5), 1–20. doi: 10.3390/fi14050153	N 009 (100)	11.00	VDU (–)
766.	VU (0,375); VDU (0,125)	5659089	Pranckevičienė, E., Hosid, S., Maziukas, I., & Ioshikhes, I. (2022). Galaxy dnpatterntools for computational analysis of nucleosome positioning sequence patterns. <i>International Journal of Molecular Sciences</i> , 23(9), 1– 13. doi: 10.3390/ijms23094869	N 009 (100)	11.2.	VU (6,206); VDU (2,069)
767.	KTU (0,5); VDU (0,5)	5659100	Senait, G., Kapociūtė-Dzikiene, J., & Damaševičius, R. (2022). Zero-shot emotion detection for semi-supervised sentiment analysis using sentence transformers and ensemble learning. <i>Applied sciences</i> , 12(17), 1–19. doi: 10.3390/app12178662	N 009 (50)	11.2.	KTU (1,328); VDU (1,328)
768.	VDU (0,6); KTU (0,4)	5659226	Stankevičius, L., Lukoševičius, M., Kapociūtė-Dzikiene, J., Briedienė, M., & Krilavičius, T. (2022). Correcting diacritics and typos with a ByT5 transformer model. <i>Applied sciences</i> , 12(5), 1– 33. doi: 10.3390/app12052636	N 009 (60)	11.2.	VDU (1,912); KTU (1,275)
769.	VDU (0,5)	5659246	Vaškevičius, M., Kapociūtė-Dzikiene, J., & Šlepikas, L. (2022). Modeling of the crystallization conditions for organic synthesis product purification using deep learning. <i>Electronics</i> , 11(9), 1–17. doi: 10.3390/electronics11091360	N 009 (100)	11.2.	VDU (4,508)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
770.	KTU (0,75); VDU (0,25)	5659288	Adomėnienė, A., Pukalskas, A., Ragažinskienė, O., & Venskutonis, P. (2022). Health beneficial phytochemicals in <i>Dioscorea caucasica</i> Lipsky leaves and tubers and their inhibitory effects on physiologically important enzymes. <i>Plants</i> , 11(10), 1–22. doi: 10.3390/plants11101341	N 003 (80), N 010 (20)	11.2.	KTU (6,994); VDU (2,331)
771.	VDU (0,3333)	5659336	Amšiejūtė, P., Jurgelevičius, V., Mačiulskis, P., Butrimaitė Ambrozevičienė, Č., Pilevičiene, S., & Janeliūnas, Ž. et al. (2022). Molecular diversity of <i>Paenibacillus</i> larvae strains isolated from Lithuanian apiaries. <i>Frontiers in veterinary science</i> , (9), 1–8. doi: 10.3389/fvets.2022.959636	N 010 (100)	11.2.	VDU (4,061)
772.	VDU (0,6); LSMU (0,2)	5659410	Antanaitis, R., Juozaitienė, V., Jonikė, V., Baumgartner, W., & Paulauskas, A. (2022). Subclinical mastitis detected during the last gestation period can increase the risk of stillbirth in dairy calves. <i>Animals</i> , 12(11), 1–11. doi: 10.3390/ani12111394	N 010 (90)	11.2.	VDU (8,479); LSMU (2,826)
773.	LSMU (0,75); VDU (0,125)	5659493	Antanaitis, R., Juozaitienė, V., Malašauskienė, D., Televičius, M., Urbutis, M., & Rutkauskas, A. et al. (2022). Identification of changes in rumination behavior registered with an online sensor system in cows with subclinical mastitis. <i>Veterinary sciences</i> , 9 (9), 1–16. doi: 10.3390/vetsci9090454	N 010 (20)	11.2.	LSMU (2,044); VDU (0,341)
774.	VDU (0,1)	5659556	Bajer, A., Beck, A., Beck, R., Behnke, J., Dwużnik-Szarek, D., & Eichenberger, R. et al. (2022). Babesiosis in Southeastern, Central and Northeastern Europe: an emerging and re-emerging tick-borne disease of humans and animals. <i>Microorganisms</i> , 10 (5), 1–39. doi: 10.3390/microorganisms10050945	N 010 (100)	11.2.	VDU (2,953)
775.	VILNIUS TECH (0,75); VU (0,25)	5659776	Dzemydienė, D., Burinskienė, A., Čižiūnienė, K., & Miliauskas, A. (2022). <i>Development of smart context-aware services for cargo transportation. An operational management approach</i> . Cham: Springer.	N 009 (40)	11.1.	VILNIUS TECH (93,6); VU (31,2)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
776.	VU (1)	5659816	Beconytė, G., Balčiūnas, A., Šturaitė, A., & Viliuvienė, R. (2022). Where maps lie: visualization of perceptual fallacy in choropleth maps at different levels of aggregation. <i>ISPRS international journal of geo-information</i> , vol. 11(iss. 1), p. [1-13]. doi: 10.3390/ijgi11010064	N 006 (50), N 009 (50)	11.2.	VU (7,234)
777.	VU (0,7334); VILNIUS TECH (0,2); VUL SK (0,0666)	5659830	Bliūdžius, A., Purnaitė, R., Trinkūnas, J., Jakaitienė, A., & Kasiulevičius, V. (2022). Research on physical activity variability and changes of metabolic profile in patients with prediabetes using Fitbit activity trackers data. <i>Technology and health care</i> , vol. 30(no. 1), p. 231-242. doi: 10.3233/THC-219006	N 009 (50)	11.2.	VU (1,646); VILNIUS TECH (0,449); VUL SK (0,149)
778.	VU (0,3333)	5659846	Bloznelis, M., Jaworski, J., & Rybarczyk, K. (2022). The cover time of a random walk in affiliation networks. <i>IEEE transactions on information theory</i> , vol. 68(no. 9), p. 6134-6150. doi: 10.1109/TIT.2022.3169775	N 009 (100)	11.2.	VU (2,802)
779.	VU (1)	5659856	Dagienė, V., Jevsikova, T., Stupurienė, G., & Juškevičienė, A. (2022). Teaching computational thinking in primary schools: Worldwide trends and teachers' attitudes. <i>Computer science and information systems</i> , vol. 19(iss. 1), p. 1-24. doi: 10.2298/CSIS201215033D	N 009 (50)	11.2.	VU (2,2)
780.	VU (0,9167)	5659886	Daunys, G., Šukienė, L., Vaitkevičius, L., Valiulis, G., Sofiev, M., & Šaulienė, I. (2022). Comparison of computer vision models in application to pollen classification using light scattering. <i>Aerobiologia</i> , first published online, p. [1-13]. doi: 10.1007/s10453-022-09769-0	N 009 (50), N 012 (50)	11.2.	VU (5,696)
781.	VU (0,0556)	5659916	Domej, G., Previtali, M., Castellanza, R., Spizzichino, D., Crosta, G., & Villa, A. et al. (2022). High-resolution 3D FEM stability analysis of the Sabareebi Cave Monastery, Georgia. <i>Rock mechanics and rock engineering</i> , vol. 55(iss. 8), p. 5139-5162. doi: 10.1007/s00603-022-02858-z	N 005 (40), N 009 (30)	11.2.	VU (1,145)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
782.	VU (1)	5659937	Dzemyda, G., & Sabaliauskas, M. (2022). Geometric multidimensional scaling: efficient approach for data dimensionality reduction. <i>Journal of global optimization, first published online</i> , p. [1-25]. doi: 10.1007/s10898-022-01190-8	N 009 (100)	11.2.	VU (7,369)
783.	VU (1)	5659947	Dzemyda, G., Sabaliauskas, M., & Medvedev, V. (2022). Geometric MDS performance for large data dimensionality reduction and visualization. <i>Informatica, vol. 33</i> (no. 2), p. 299- 320. doi: 10.15388/22-INFOR491	N 009 (50)	11.2.	VU (5,029)
784.	VU (0,0556)	5659967	Erdem, E., Menekse, K., Semih, Y., Frank, A., Parcalabescu, L., & Babii, A. et al. (2022). Neural natural language generation: a survey on multilinguality, multimodality, controllability and learning. <i>Journal of artificial intelligence research, vol. 73</i> , p. 1131-1207. doi: 10.1613/jair.1.12918	N 009 (100)	11.2.	VU (1,66)
785.	VU (0,5)	5660010	Fernández, P., Lančinskas, A., Pelegrín, B., & Žilinskas, J. (2022). A discrete competitive facility location model with proportional and binary rules sequentially applied. <i>Optimization letters, first published online</i> , p. 1-11. doi: 10.1007/s11590-022-01938-x	N 009 (100)	11.2.	VU (4,789)
786.	VU (0,1429)	5660047	Hashemi, A., Gholami, H., Venkatadri, U., Sattarpanah Karganroudi, S., Khouri, S., & Wojciechowski, A. et al. (2022). A new direct coefficient-based heuristic algorithm for set covering problems. <i>International journal of fuzzy systems, vol. 24</i> (iss. 2), p. 1131-1147. doi: 10.1007/s40815-021-01208-5	N 009 (100)	11.2.	VU (2,921)
787.	VU (0,25)	5660087	Iliasov, A., Taylor, D., Laibinis, L., & Romanovsky, A. (2022). Practical verification of railway signalling programs. <i>IEEE Transactions on Dependable and Secure Computing, first on line</i> , p. [1-13]. doi: 10.1109/TDSC.2022.3141555	N 009 (100)	11.2.	VU (7,955)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
788.	VU (0,1429)	5660099	Joshi, D., Gholami, H., Mohapatra, H., Ali, A., Štreimikienė, D., & Satpathy, S. et al. (2022). The application of stochastic mine production scheduling in the presence of geological uncertainty. <i>Sustainability</i> , vol. 14(no 16), p. [1-19]. doi: 10.3390/su14169819	N 009 (100)	11.2.	VU (2,274)
789.	VU (0,5); LKA (0,25)	5660131	Juozapavičius, A., Brilingaitė, A., Bukauskas, L., & Lugo, R. (2022). Age and gender impact on password hygiene. <i>Applied sciences: Special issue: State-of-the-art of cybersecurity</i> , Vol. 12 (Iss. 2), pp. [1-15]. doi: 10.3390/app12020894	N 009 (100)	11.2.	VU (4,6); LKA (2,3)
790.	VU (1)	5660159	Kamali Saraji, M., & Štreimikienė, D. (2022). Evaluating the circular supply chain adoption in manufacturing sectors: a picture fuzzy approach. <i>Technology in society</i> , vol. 70, p. [1-13]. doi: 10.1016/j.techsoc.2022.102050	N 009 (100)	11.2.	VU (22,909)
791.	VU (0,5)	5660191	Klyvienė, V., & Jakaitienė, A. (2022). Fiscal adjustments: lessons from and for the Baltic states. <i>Baltic journal of economics</i> , vol. 22 (no. 1), p. 1-27. doi: 10.1080/1406099X.2021.2020985			VU (ks)
792.	VU (0,1429)	5660214	Letchumanan, L., Gholami, H., Mohd Yusof, N., Akhmal Bin Ngadiman, N., Salameh, A., & Štreimikienė, D. et al. (2022). Analyzing the factors enabling green lean Six Sigma implementation in the industry 4.0 era. <i>Sustainability</i> , vol. 14 (no. 6), p. [1-15]. doi: 10.3390/su14063450	N 009 (50)	11.2.	VU (0,928)
793.	VU (0,3333)	5660234	Mahmoud E., H., Bukauskas, L., & Vikas T., H. (2022). A new efficient TKHC-based image sharing scheme over unsecured channel. <i>Journal of King Saud University - Computer and information sciences</i> , vol. 34(no. 4), p. 1246-1262. doi: 10.1016/j.jksuci.2019.08.004	N 009 (100)	11.2.	VU (6,003)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
794.	VU (1)	5660254	Melnik-Leroy, G., Bernatavičienė, J., Korvel, G., Navickas, G., Tamulevičius, G., & Treigys, P. (2022). An overview of Lithuanian intonation: a linguistic and modelling perspective. <i>Informatica</i> , vol. 33(iss. 4), p. 795-832. doi: 10.15388/22-INFOR502	N 009 (50)	11.2.	VU (5,029)
795.	VU (0,125)	5660369	M. Hezam, I., Raj Mishra, A., Rani, P., Cavallaro, F., Saha, A., & Ali, J. et al. (2022). A hybrid intuitionistic fuzzy-MEREC-RS-DNMA method for assessing the alternative fuel vehicles with sustainability perspectives. <i>Sustainability</i> , vol. 14(no. 9), p. [1- 33]. doi: 10.3390/su14095463	N 009 (100)	11.2.	VU (2,297)
796.	VILNIUS TECH (0,2); VU (0,2)	5660393	Pauk, J., Trinkūnas, J., Purnaitė, R., Ihnatouski, M., & Wasilewska, A. (2022). A computational method to differentiate rheumatoid arthritis patients using thermography data. <i>Technology and health care</i> , vol. 30(no. 1), p. 209-216. doi: 10.3233/THC-219004	N 009 (50)	11.2.	VILNIUS TECH (0,777); VU (0,777)
797.	VILNIUS TECH (0,5); VU (0,5)	5660430	Stefanovič, P., & Kurasova, O. (2022). Approach for multi-label text data class verification and adjustment based on self-organizing map and latent semantic analysis. <i>Informatica</i> , vol. 33 (iss. 1), p. 109-130. doi: 10.15388/22-INFOR473	N 009 (50)	11.2.	VILNIUS TECH (2,515); VU (2,515)
798.	VU (1)	5660469	Stripinis, L., & Paulavičius, R. (2022). An empirical study of various candidate selection and partitioning techniques in the DIRECT framework. <i>Journal of global optimization</i> , first published online, p. [1-31]. doi: 10.1007/s10898-022-01185-5	N 009 (100)	11.2.	VU (7,369)
799.	VU (1)	5660500	Stripinis, L., & Paulavičius, R. (2022). DIRECTGO : A new DIRECT - type MATLAB toolbox for derivative-free global optimization. <i>ACM transactions on mathematical software</i> , first published online, p. [1-45]. doi: 10.1145/3559755	N 009 (50)	11.2.	VU (5,121)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
800.	VU (1)	5660512	Stripinis, L., & Paulavičius, R. (2022). Experimental study of excessive local refinement reduction techniques for global optimization DIRECT-type algorithms. <i>Mathematics</i> , vol. 10(iss. 20), p. [1-18]. doi: 10.3390/math10203760	N 009 (100)	11.2.	VU (14,923)
801.	VU (1)	5660562	Stumbrienė, D., Jakaitienė, A., Želvys, R., Žilinskas, J., & Dukynaitė, R. (2022). Efficiency and effectiveness analysis based on educational inclusion and fairness of European countries. <i>Socio-economic planning sciences</i> , vol. 8(part. B), p. [1-17]. doi: 10.1016/j.seps.2022.101293			VU (ks)
802.	VU (0,3333)	5660580	Szelągowski, M., Lupeikienė, A., & Berniak-Woźny, J. (2022). Drivers and evolution paths of BPMS: state-of-the-art and future research directions. <i>Informatica</i> , vol. 33(iss. 2), p. 399-420. doi: 10.15388/22-INFOR487	N 009 (50)	11.2.	VU (2,371)
803.	VU (1)	5660593	Tautvaišas, S., & Žilinskas, J. (2022). Scalable Bayesian optimization with generalized product of experts. <i>Journal of global optimization, first on line</i> , p. [1-26]. doi: 10.1007/s10898-022-01236-x	N 009 (100)	11.2.	VU (7,369)
804.	VU (0,4286); VILNIUS TECH (0,2857)	5660628	Žvirblis, T., Petkevičius, L., Bzinkowski, D., Vaitkus, D., Vaitkus, P., & Rucki, M. et al. (2022). Investigation of deep learning models on identification of minimum signal length for precise classification of conveyor rubber belt loads. <i>Advances in mechanical engineering</i> , vol. 14(no. 6), p. [1-13]. doi: 10.1177 /16878132221102776	N 009 (30)	11.2.	VU (0,983); VILNIUS TECH (0,656)
805.	VU (0,5)	5660717	Krikščiūnienė, D., Sakalauskas, V., Ognjanovic, I., & Sendelj, R. (2022). Discovering healthcare data patterns by artificial intelligence methods. In <i>Intelligent systems for sustainable person-centered healthcare : [collective monograph] / editors: Dalia Kriksciuniene, Virgilijus Sakalauskas</i> (p. 185-210). Cham: Springer.			VU (ks)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
806.	VU (1)	5660734	Krikščiūnienė, D., & Sakalauskas, V. (2022). Overview of the artificial intelligence methods and analysis of their application potential. In <i>Intelligent systems for sustainable person-centered healthcare : [collective monograph] / editors: Dalia Kriksčiuniene, Virgilijus Sakalauskas</i> (p. 167-183). Cham: Springer.			VU (ks)
807.	VU (0,75)	5660912	Štreimikienė, D., Mikalauskienė, A., Kamali Saraji, M., & Mardani, A. (2022). Framework for assessment of climate change mitigation policies impact on just transition towards low carbon future. In <i>Handbook of climate change mitigation and adaptation / Lackner, M., Sajjadi, B., Chen, WY. (eds.)</i> (p. 3115-3148). Cham: Springer.	N 009 (100)	11.1.	VU (25,456)
808.	VU (0,1667)	5662676	Banerjee, S., Tanaka, M., Kato, D., Gaigalas, G., Kawaguchi, K., & Nanae, D. (2022). Opacity of the highly ionized lanthanides and the effect on the early kilonova. <i>The astrophysical journal</i> , vol. 934(no. 2), p. [1-13]. doi: 10.3847/1538-4357/ac7565	N 002 (50), N 008 (50)	11.2.	VU (3,152)
809.	VU (0,087)	5662692	Cescutti, G., Bonifacio, P., Caffau, E., Monaco, L., Franchini, M., & Lombardo, L. et al. (2022). MINCE. I. Presentation of the project and of the first year sample. <i>Astronomy and astrophysics</i> , vol. 668, p. [1-21]. doi: 10.1051/0004-6361/202244515	N 008 (100)	11.2.	VU (3,728)
810.	VU (0,25)	5662751	Deshmukh, S., Ludwig, H., Kučinskas, A., Steffen, M., Barklem, P., & Caffau, E. et al. (2022). The solar photospheric silicon abundance according to CO5BOLD. Investigating line broadening, magnetic fields, and model effects. <i>Astronomy and astrophysics</i> , vol. 668, p. 1-25. doi: 10.1051/0004-6361/202142072	N 008 (100)	11.2.	VU (6,647)
811.	VU (0,0625)	5662809	Duarte Puertas, S., Vilchez, J., Iglesias-Páramo, J., Mollá, M., Pérez-Montero, E., & Kehrig, C. et al. (2022). Mass-metallicity and star formation rate in galaxies: A complex relation tuned to stellar age. <i>Astronomy and astrophysics</i> , vol. 666, p. [1-18]. doi: 10.1051/0004-6361/202141571	N 008 (100)	11.2.	VU (1,82)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
812.	VU (0,0241)	5662869	Gilmore, G., Randich, S., Worley, C., Hourihane, A., Gonneau, A., & Sacco, G. et al. (2022). The Gaia-ESO Public Spectroscopic Survey: Motivation, implementation, GIRAFFE data processing, analysis, and final data products star. <i>Astronomy and astrophysics</i> , vol. 666, p. [1-36]. doi: 10.1051/0004- 6361/202243134	N 008 (100)	11.2.	VU (0,405)
813.	KTU (0,6667); VDU (0,3333)	5663362	Baranauskienė, R., Venskutonis, P., & Ragažinskienė, O. (2022). Valorisation of Roman chamomile (<i>Chamaemelum nobile</i> L.) herb by comprehensive evaluation of hydrodistilled aroma and residual non-volatile fractions. <i>Food research international</i> , (160), 1-13. doi: 10.1016/j.foodres.2022.111715	N 004 (30)	11.2.	KTU (2,54); VDU (1,27)
814.	VU (0,25)	5663481	Hotokeza, K., Tanaka, M., Kato, D., & Gaigalas, G. (2022). Tungsten versus Selenium as a potential source of kilonova nebular emission observed by Spitzer. <i>Monthly notices of the Royal astronomical society</i> , vol. 515, p. 89-93. doi: 10.1093/mnrasl/slac071	N 002 (50), N 008 (50)	11.2.	VU (4,652)
815.	VU (0,0189)	5663525	Huber, D., White, T., Metcalfe, T., Chontos, A., Fausnaugh, M., & Ho, C. et al. (2022). A 20 second cadence view of solar-type stars and their planets with TESS: asteroseismology of solar analogs and a recharacterization of π Men c. <i>Astronomical journal</i> , vol. 163(iss. 2), p. [1-17]. doi: 10.3847/1538-3881/ac3000	N 008 (100)	11.2.	VU (1,124)
816.	VU (0,0345)	5663666	Jackson, R., Jeffries, R., Wright, N., Randich, S., Sacco, G., & Bragaglia, A. et al. (2022). The Gaia-ESO Survey: Membership probabilities for stars in 63 open and 7 globular clusters from 3D kinematics. <i>Monthly notices of the Royal astronomical society</i> , vol. 509(no. 2), p. 1664-1680. doi: 10.1093/mnras/stab3032	N 008 (100)	11.2.	VU (1,323)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
817.	VU (0,6)	5663734	Kolomiecenas, E., Dobrovolskas, V., Kučinskas, A., Bonifacio, P., & Korotin, S. (2022). Abundance of zirconium in the globular cluster 47 Tucanae: a possible Zr–Na correlation? <i>Astronomy and astrophysics</i> , vol. 660, p. [1-17]. doi: 10.1051/0004- 6361/202141970	N 008 (100)	11.2.	VU (12,358)
818.	VU (0,5)	5663746	Korotin, S., & Kučinskas, A. (2022). Abundance of beryllium in the Sun and stars: the role of non-local thermodynamic equilibrium effects. <i>Astronomy and astrophysics</i> , vol. 657, p. [1-9]. doi: 10.1051/0004- 6361/202142789	N 008 (100)	11.2.	VU (8,408)
819.	VU (0,1563)	5663773	Kruszynska, K., Wyrzykowski, Ł., Rybicki, K., Maskoliūnas, M., Bachelet, E., & Rattenbury, N. et al. (2022). Lens parameters for Gaia 18cbf - a long gravitational microlensing event in the Galactic plane. <i>Astronomy and astrophysics</i> , vol. 662, p. [1-12]. doi: 10.1051/0004- 6361/202142602	N 008 (100)	11.2.	VU (7,661)
820.	FTMC (0,6667); VU (0,3333)	5663872	Leščinskaitė, A., Stonkutė, R., & Vansevičius, V. (2022). Recent star formation history of the dwarf irregular galaxy Leo A. <i>Astronomy & astrophysics</i> , vol. 660, p. [1-10]. doi: 10.1051/0004- 6361/202142743	N 002 (60), N 008 (40)	11.2.	FTMC (7,928); VU (3,964)
821.	VU (0,1111)	5663934	Magrini, L., Viscasillas Vazquez, C., Casali, G., Baratella, M., D' orazi, V., & Spina, L. et al. (2022). The abundance of S-process elements: temporal and spatial trends from open cluster observations. <i>Universe</i> , vol. 8(iss. 2), p. [1-10]. doi: 10.3390 /universe8020064	N 008 (100)	11.2.	VU (2,309)
822.	VU (0,0179)	5663960	Molnár, L., Bódi, A., Pál, A., Bhardwaj, A., Hambsch, F., & Benkő, J. et al. (2022). First results on RR Lyrae stars with the TESS space telescope: untangling the connections between mode content, colors, and distances. <i>Astrophysical journal supplement series</i> , vol. 258(iss. 1), p. [1-44]. doi: 10.3847/1538-4365/ac2ee2	N 008 (100)	11.2.	VU (1,465)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
823.	VU (0,037)	5663996	Morel, T., Blazere, A., Semaan, T., Gosset, E., Zorec, J., & Fremat, Y. et al. (2022). The Gaia-ESO survey: A spectroscopic study of the young open cluster NGC 3293. <i>Astronomy and astrophysics</i> , vol. 665, p. [1-29]. doi: 10.1051/0004-6361/202244112	N 008 (100)	11.2.	VU (2,066)
824.	VU (0,0833)	5664055	Pilyugin, L., Lara-López, M., Vílchez, J., Duarte Puertas, S., Zinchenko, I., & Dors, O. (2022). Calibration-based abundances in the interstellar gas of galaxies from slit and IFU spectra. <i>Astronomy & astrophysics</i> , vol. 668, p. [1-13]. doi: 10.1051/0004-6361/202244231	N 008 (100)	11.2.	VU (2,622)
825.	VU (0,0305)	5664159	Randich, S., Gilmore, G., Magrini, L., Sacco, G., Jackson, R., & Jeffries, R. et al. (2022). The Gaia-ESO Public Spectroscopic Survey: implementation, data products, open cluster survey, science, and legacy. <i>Astronomy and astrophysics</i> , vol. 666, p. [1- 29]. doi: 10.1051/0004-6361/202243141	N 008 (100)	11.2.	VU (0,513)
826.	VU (0,0435)	5664475	Rybicki, K., Wyrzykowski, Ł., Bachelet, E., Cassan, A., Zieliński, P., & Gould, A. et al. (2022). Single-lens mass measurement in the high-magnification microlensing event Gaia19bld located in the Galactic disc. <i>Astronomy and astrophysics</i> , vol. 657, p. [1-14]. doi: 10.1051/0004-6361/202039542	N 008 (100)	11.2.	VU (2,97)
827.	VU (0,5)	5664613	Rynkun, P., Banerjee, S., Gaigalas, G., Tanaka, M., Radžiūtė, L., & Kato, D. (2022). Theoretical investigation of energy levels and transition for Ce IV. <i>Astronomy and astrophysics</i> , vol. 658, p. [1- 22]. doi: 10.1051/0004-6361/202141513	N 002 (50), N 008 (50)	11.2.	VU (11,892)
828.	VU (0,0114)	5664634	Santos-Sanz, P., Ortiz, J., Sicardy, B., Popescu, M., Benedetti- Rossi, G., & Morales, N. et al. (2022). Physical properties of the trans-Neptunian object (38628) Huya from a multi-chord stellar occultation. <i>Astronomy & Astrophysics</i> , vol. 664, p. [1-18]. doi: 10.1051/0004-6361/202141546	N 008 (100)	11.2.	VU (0,191)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
829.	VU (0,0061)	5664740	Schatz, H., Becerril Reyes, A., Best, A., Brown, E., Chatziioannou, K., & Chipps, K. et al. (2022). Horizons: nuclear astrophysics in the 2020s and beyond. <i>Journal of physics G: nuclear and particle physics</i> , vol. 49(no. 11), p. [1-79]. doi: 10.1088/1361- 6471/ac8890	N 008 (100)	11.2.	VU (0,083)
830.	VU (0,2963)	5665246	Tautvaišienė, G., Drazdauskas, A., Bragaglia, A., Martell, S., Pancino, E., & Lardo, C. et al. (2022). Gaia -ESO Survey: Detailed elemental abundances in red giants of the peculiar globular cluster NGC 1851. <i>Astronomy and astrophysics</i> , vol. 658, p. [1- 13]. doi: 10.1051/0004-6361/202142234	N 008 (100)	11.2.	VU (13,183)
831.	VU (0,1806)	5665322	Viscasillas Vazquez, C., Magrini, L., Casali, G., Tautvaišienė, G., Spina, L., & Van Der Swaelmen, M. et al. (2022). The Gaia -ESO survey: Age-chemical-clock relations spatially resolved in the Galactic disc. <i>Astronomy and astrophysics</i> , vol. 660, p. [1-17]. doi: 10.1051/0004-6361/202142937	N 008 (100)	11.2.	VU (9,109)
832.	VDU (0,7)	5665418	Griciuvienė, L., Janeliūnas, Ž., Pilevičienė, S., Jurgelevičius, V., & Paulauskas, A. (2022). Changes in the genetic structure of Lithuania's wild boar (<i>Sus scrofa</i>) population following the outbreak of African swine fever. <i>Genes</i> , 13(9), 1–12. doi: 10.3390 /genes13091561	N 010 (100)	11.2.	VDU (5,483)
833.	VU (0,5)	5665430	Włodarczyk, I., & Černis, K. (2022). Observational data and orbits of the comets discovered at the Vilnius Observatory in 1980- 2006 and the case of comet P/322. <i>Open astronomy</i> , vol. 31(no. 1), p. 244-255. doi: 10.1515/astro-2022-0023	N 008 (100)	11.00	VU (–)
834.	VDU (0,9375); VILNIUS TECH (0,0625)	5665944	Jocienė, L., Stravinskaitė, K., Krokaitė, E., Janulionienė, R., Rekašius, T., & Paulauskas, A. et al. (2022). AFLP-based genetic structure of Lithuanian populations of small balsam (<i>Impatiens parviflora</i> DC.) in relation to habitat characteristics. <i>Forests</i> , 13(8), 1–23. doi: 10.3390/f13081228	N 001 (10), N 010 (90)	11.2.	VDU (8,219); VILNIUS TECH (0,548)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
835.	VDU (0,75); GTC (0,25)	5666032	Kaminskienė, E., Paulauskas, A., Balčiauskas, L., & Radzijeuskaja, J. (2022). Bartonella spp. detection in laelapid (Mesostigmata: Laelapidae) mites collected from small rodents in Lithuania. <i>Journal of vector ecology</i> , 47(2), 195–201. doi: 10.52707/1081- 1710-47.2.195	N 010 (70), N 014 (30)	11.2.	VDU (5,38); GTC (1,793)
836.	LSMU (0,8125); VDU (0,0625)	5666048	Brazienė, A., Vencloviene, J., Vaičiulis, V., Lukšienė, D., Tamošiūnas, A., & Milvidaitė, I. et al. (2022). Relationship between depressive symptoms and weather conditions. <i>International journal of environmental research and public health</i> , 19(9), 1-12. doi: 10.3390/ijerph19095069	N 012 (20)	11.00	LSMU (–); VDU (–)
837.	VDU (0,1667)	5666121	Raitelaitytė, K., Adamson, K., Markovskaja, S., Paulauskas, A., Mullett, M., & Drenkhan, R. (2022). Genetic structure of the pine needle pathogen <i>Lecanosticta acicola</i> in Lithuania and northern Poland. <i>Plant pathology</i> , 72(2), 246–254. doi: 10.1111/ppa.13655	N 010 (100)	11.2.	VDU (1,938)
838.	VDU (0,9375); VILNIUS TECH (0,0625)	5666145	Krokaitė, E., Janulionienė, R., Jocienė, L., Rekašius, T., Rajackaitė, G., & Paulauskas, A. et al. (2022). Relating invasibility and invasiveness: case study of <i>impatiens parviflora</i> . <i>Frontiers in ecology and evolution</i> , (10), 1–17. doi: 10.3389/fevo. 2022.845947	N 010 (100)	11.2.	VDU (6,923); VILNIUS TECH (0,462)
839.	LSMU (0,8333); VDU (0,1667)	5666171	Laučienė, L., Juozaitienė, V., Šlyžienė, B., Anskienė, L., Bižienė, R., & Šlyžius, E. (2022). The influence of crossbreeding and LPL genotype on the yield, composition and quality of goat milk. <i>Mljekarstvo : časopis za unaprjeđenje proizvodnje i prerade mlijeka</i> , 72(1), 33–42. doi: 10.15567/mljekarstvo.2022.0104	N 010 (50)	11.2.	LSMU (2,179); VDU (0,436)
840.	VDU (1)	5666225	Maciulevičius, M., Tamošiūnas, M., Navickaitė, D., Šatkauskas, S., & Venslauskas, M. (2022). Free- and liposomal- doxorubicin delivery via microbubble inertial cavitation. <i>Journal of drug delivery science and technology</i> , (72), 1–11. doi: 10.1016/j.jddst. 2022.103386	N 010 (100)	11.2.	VDU (9,609)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
841.	LSMU (0,6); VDU (0,2)	5666281	Malašauskienė, D., Antanaitis, R., Juozaitienė, V., Paulauskas, A., Urbonavičius, G., & Televičius, M. et al. (2022). Impact of calving difficulty on lameness in dairy cows. <i>Agriculture</i> , 12(7), 1–11. doi: 10.3390/agriculture12070960	N 010 (50)	11.2.	LSMU (4,89); VDU (1,63)
842.	VDU (0,0303)	5666378	Plis, K., Niedzialkowska, M., Borowik, T., Lang, J., Heddergott, M., & Tiainen, J. et al. (2022). Pan-European phylogeography of the European roe deer (<i>Capreolus capreolus</i>). <i>Ecology and evolution</i> , 12(5), 1–14. doi: 0.1002/ece3.8931	N 010 (100)	11.2.	VDU (0,978)
843.	VDU (0,7143); LSMU (0,2857)	5666486	Radzijeuskaja, J., Mardosaitė-Busaitienė, D., Aleksandravičienė, A., Karvelienė, B., Razgūnaitė, M., & Stadalienė, I. et al. (2022). Genetic diversity of <i>Babesia canis</i> strains in dogs in Lithuania. <i>Microorganisms</i> , 10(7), 1–12. doi: 10.3390/microorganisms10071446	N 010 (80)	11.2.	VDU (4,357); LSMU (1,743)
844.	VDU (1)	5669223	Saulis, G., Rodaitė-Riševičienė, R., & Saulė, R. (2022). Cytotoxicity of a cell culture medium treated with a High-Voltage pulse using stainless steel electrodes and the role of iron ions. <i>Membranes</i> , 12(2), 1–22. doi: 10.3390/membranes12020184	N 010 (100)	11.2.	VDU (6,587)
845.	VDU (0,8889)	5669243	Stanis, Ž., Dūdėnas, M., Kaškonienė, V., Stankevičius, M., Skrzydlewska, E., & Drevinskas, T. et al. (2022). Analysis of the leaves and cones of Lithuanian Hops (<i>Humulus lupulus</i> L.) varieties by chromatographic and spectrophotometric methods. <i>Molecules</i> , 27(9), 1–13. doi: 10.3390/molecules27092705	N 010 (100)	11.2.	VDU (8,993)
846.	LSMU (0,6); VDU (0,4)	5669275	Vadeikienė, R., Jakštys, B., Ugenskienė, R., Šatkauskas, S., & Juozaitytė, E. (2022). Systemic optimization of gene electrotransfer protocol using hard-to-transfect UT-7 cell line as a model. <i>Biomedicines</i> , 10(11), 1–15. doi: 10.3390/biomedicines10112687	N 010 (100)	11.2.	LSMU (4,956); VDU (3,304)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
847.	KTU (0,5714); VDU (0,2857); LSMU (0,1429)	5669295	Vaitkevičienė, R., Burbulis, N., Masienė, R., Žvirdauskienė, R., Jakštas, V., & Damašius, J. et al. (2022). Fermentation as a promising tool to valorize rice-milling waste into bio-products active against root-rot-associated pathogens for improved horticultural plant growth. <i>Fermentation</i> , 8(12), 1–15. doi: 10.3390/fermentation8120716	N 010 (10)	11.2.	KTU (0,383); VDU (0,192); LSMU (0,096)
848.	VU (0,5)	5669513	Basharin, D., & Stankūnavičius, G. (2022). European precipitation response to Indian ocean dipole events. <i>Atmospheric research</i> , vol. 273, p. [1-8]. doi: 10.1016/j.atmosres.2022.106142	N 006 (100)	11.2.	VU (7,332)
849.	VU (1)	5669527	Gečaitė, I., & Rimkus, E. (2022). Wintertime cold and warm spells in the eastern part of the Baltic Sea region. <i>Natural hazards, first on line</i> , p. [1-22]. doi: 10.1007/s11069-022-05648-6	N 006 (100)	11.2.	VU (7,894)
850.	VU (1)	5669537	Gečaitė, I. (2022). The role of stratosphere-troposphere coupling in the occurrence of wintertime extreme temperature events over the eastern part of the Baltic Sea region. <i>Boreal environment research</i> , vol. 27, p. 145-160.	N 006 (100)	11.00	VU (–)
851.	VU (1)	5669585	Grendaitė, D., & Stonevičius, E. (2022). Machine learning algorithms for biophysical classification of Lithuanian lakes based on remote sensing data. <i>Water: Water Quality Modeling and Monitoring</i> , vol. 14(no.11), p. [1-19]. doi: 10.3390/w14111732	N 006 (100)	11.2.	VU (6,139)
852.	LSMU (0,05); VDU (0,05)	5669632	Eriksson, O., Bhalla, U., Blackwell, K., Crook, S., Keller, D., & Kramer, A. et al. (2022). Combining hypothesis- and data-driven neuroscience modeling in FAIR workflows. <i>eLife</i> , (11), 1–31. doi: 10.7554/eLife.69013	N 011 (100)	11.2.	LSMU (2,21); VDU (2,21)
853.	VU (0,08)	5669836	Jaagus, J., Aasa, A., Aniskevich, S., Boincean, B., Bojariu, R., & Briede, A. et al. (2022). Long-term changes in drought indices in eastern and central Europe. <i>International journal of climatology</i> , vol. 42(no. 1), p. 225-249. doi: 10.1002/joc.7241	N 006 (100)	11.2.	VU (2,839)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
854.	VU (1)	5669880	Klimavičius, L., Rimkus, E., Stonevičius, E., & Mačiulytė, V. (2022). Seasonality and long-term trends of NDVI values in different land use types in the eastern part of the Baltic Sea basin. <i>Oceanologia, first published online</i> , p. [1-11]. doi: 10.1016/j.oceano.2022.02.007	N 006 (100)	11.2.	VU (8,548)
855.	VU (0,75)	5669894	Mačiulytė, V., Rimkus, E., Valiukas, D., & Stonevičius, E. (2022). Long-term precipitation events in the eastern part of the Baltic Sea region. <i>Oceanologia, first published online</i> , p. [1-10]. doi: 10.1016/j.oceano.2022.02.003	N 006 (100)	11.2.	VU (6,411)
856.	VU (0,0833)	5669907	Olsson, J., Dyrddal, A., Médus, E., Södling, J., Aņisķeviķa, S., & Arnbjerg-Nielsen, K. et al. (2022). Sub-daily rainfall extremes in the Nordic–Baltic region. <i>Hydrology research, vol. 53</i> (iss. 6), p. 807-824. doi: 10.2166/nh.2022.119	N 006 (100)	11.2.	VU (1,484)
857.	VDU (0,1)	5669926	Angelstam, P., Manton, M., Stjernquist, I., Gunnarsson, T., Ottvall, R., & Rosenberg, M. et al. (2022). Barriers and bridges for sustaining functional habitat networks: A macroecological system analysis of wet grassland landscapes. <i>Ecology and evolution, 12</i> (4), 1–20. doi: 10.1002/ece3.8801	N 012 (100)	11.2.	VDU (2,185)
858.	VDU (0,0909)	5669944	Annerstedt, M., Basagaña, X., Mudu, P., Kendrovski, V., Maitre, L., & Krog, N. et al. (2022). Green CURIOCITY: a study protocol for a European birth cohort study analysing childhood heat-related health impacts and protective effects of urban natural environments. <i>BMJ Open, 12</i> (1), 1–8. doi: 10.1136/bmjopen- 2021-052537	N 012 (100)	11.2.	VDU (1,199)
859.	VU (1)	5669976	Piškinaitė, E., & Veteikis, D. (2022). Methodologies and prospects of historical land use/land cover studies in Lithuania. <i>Baltica, vol. 35</i> (no. 1), p. 60-70. doi: 10.5200/baltica.2022.1.5	N 006 (100)	11.2.	VU (4,042)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
860.	VDU (0,0833)	5669996	Carreras-Gallo, N., Cáceres, A., Balagué-Dobón, L., Ruiz-Arenas, C., Andrušaitytė, S., & Carracedo, Á. et al. (2022). The early-life exposome modulates the effect of polymorphic inversions on DNA methylation. <i>Communications biology</i> , 5(1), 1–13. doi: 10.1038/s42003-022-03380-2	N 012 (100)	11.2.	VDU (3,726)
861.	VU (0,0294)	5670112	Raška, P., Bezak, N., Ferreira, C., Kalantari, Z., Banasik, K., & Bertola, M. et al. (2022). Identifying barriers for nature-based solutions in flood risk management: An interdisciplinary overview using expert community approach. <i>Journal of environmental management</i> , vol. 310, p. [1-10]. doi: 10.1016/j.jenvman.2022.114725	N 006 (30), N 012 (40)	11.2.	VU (1,304)
862.	VDU (0,1053)	5670238	Deepika, D., Sharma, R., Schuhmacher, M., Sakhi, A., Thomsen, C., & Chatzi, L. et al. (2022). Unravelling sex-specific BPA toxicokinetics in children using a pediatric PBPK model. <i>Environmental research</i> , (215), 1–11. doi: 10.1016/j.envres.2022.114074	N 012 (100)	11.2.	VDU (3,885)
863.	VDU (1)	5670319	Dèdelè, A., Chebotarova, Y., & Miškinytė, A. (2022). Motivations and barriers towards optimal physical activity level: a community-based assessment of 28 EU countries. <i>Preventive medicine</i> , (164), 1–7. doi: 10.1016/j.ypmed.2022.107336	N 012 (100)	11.2.	VDU (8,458)
864.	VDU (0,75)	5670361	Dèdelè, A., Nikiforov, N., Madieva, A., & Miškinytė, A. (2022). Potential of water vending machine to remove trihalomethanes and heavy metals during high and low water seasons in Petropavlovsk. <i>Polish journal of environmental studies</i> , 31(3), 1– 10. doi: 10.15244/pjoes/143255	N 012 (100)	11.2.	VDU (4,177)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
865.	VDU (1)	5670405	Dèdelė, A., Nikiforov, N., & Miškinytė, A. (2022). Assessment of multipathway lifetime risks of cancer and non-cancerous diseases associated with trihalomethanes in drinking water in Petropavlovsk city, Kazakhstan. <i>Polish journal of environmental studies</i> , 31(5), 1–11. doi: 10.15244/pjoes/147826	N 012 (100)	11.2.	VDU (3,938)
866.	VU (1)	5670457	Stonevičius, E., Uselis, G., & Grendaitė, D. (2022). Ice detection with Sentinel-1 SAR backscatter threshold in long sections of temperate climate rivers. <i>Remote sensing</i> , vol. 14(no. 7), p. [1- 21]. doi: 10.3390/rs14071627	N 006 (100)	11.2.	VU (8,529)
867.	VDU (0,1071)	5670822	Fernández-Barrés, S., Robinson, O., Fossati, S., Márquez, S., Basagaña, X., & Bont, J. et al. (2022). Urban environment and health behaviours in children from six European countries. <i>Environment international</i> , (165), 1–13. doi: 10.1016/j.envint.2022.107319	N 012 (100)	11.2.	VDU (6,497)
868.	VU (1)	5670879	Štutinienė, L., Česnulevičius, A., Bautrėnas, A., & Mačiulevičiūtė-Turlienė, N. (2022). Intensity of relief geodynamic processes in the Coastal Lowland, Lithuania: based on cartographic analysis. <i>Baltica</i> , vol. 35(no. 2), p. 114-124. doi: 10.5200/baltica.2022.2.2	N 006 (100)	11.2.	VU (4,042)
869.	VDU (0,0952)	5670890	Fuentes-Paez, G., Escaramis, G., Aguilar-Lacasaña, S., Andrušaitytė, S., Brantsæter, A., & Casas, M. et al. (2022). Study of the combined effect of maternal tobacco smoking and polygenic risk scores on birth weight and body mass index in childhood. <i>Frontiers in genetics</i> , (13), 1–11. doi: 10.3389/fgene.2022.867611	N 012 (100)	11.2.	VDU (3,111)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
870.	VU (0,125)	5671213	Van Malderen, R., Pottiaux, E., Stankūnavičius, G., Beirle, S., Wagner, T., & Brenot, H. et al. (2022). Global spatiotemporal variability of integrated water vapor derived from GPS, GOME/SCIAMACHY and ERA-interim: annual cycle, frequency distribution and linear trends. <i>Remote sensing</i> , vol. 14(no. 4), p. [1-22]. doi: 10.3390/rs14041050	N 002 (30), N 006 (40)	11.2.	VU (1,828)
871.	VU (0,125)	5671316	Henn, T., Kokorīte, I., Skuja, A., Briede, A., Druvietis, I., & Springe, G. et al. (2022). Baltic and Eastern continental rivers. In <i>Rivers of Europe. (Second Edition) / Edited by: Klement Tockner, Christiane Zarfl and Christopher T. Robinson</i> (chapter 20, p. 813-852). Amsterdam: Elsevier.	N 006 (50), N 012 (50)	11.1.	VU (10,076)
872.	VU (1)	5671354	Misiūnė, I., & Kažys, J. (2022). Accessibility to and fragmentation of urban green infrastructure: importance for adaptation to climate change. In <i>Human-nature interactions: exploring nature's values across landscapes / editors: Ieva Misiune, Daniel Depellegrin, Lukas Egarter Vigl</i> (chapter 19, p. 235-246). Cham: Springer.	N 006 (100)	11.1.	VU (8,5)
873.	VU (0,3333)	5671414	Egarter Vigl, L., Depellegrin, D., & Misiūnė, I. (2022). Conceptualizing human – nature interactions – an overview. In <i>Human - nature interactions: exploring nature's values across landscapes / Ieva Misiune, Daniel Depellegrin, Lukas Egarter Vigl (editors)</i> (p. 3-11). Cham: Springer Nature.	N 006 (50)	11.1.	VU (1,876)
874.	VDU (0,875); LSMU (0,125)	5671549	Gražulevičienė, R., Andrušaitytė, S., Rapalavičius, A., & Dėdelė, A. (2022). Environmentally related gender health risks: findings from citizen science cross-sectional study. <i>BMC Public health</i> , 22 (1), 1–14. doi: 10.1186/s12889-022-13824-3	N 012 (90)	11.2.	VDU (6,743); LSMU (0,963)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
875.	VDU (1)	5671699	Jakučionytė-Skodienė, M., & Liobikienė, G. (2022). The changes in climate change concern, responsibility assumption and impact on climate-friendly behaviour in EU from the Paris Agreement until 2019. <i>Environmental management</i> , 69(1), 1–16. doi: 10.1007/s00267-021-01574-8	N 012 (100)	11.2.	VDU (5,769)
876.	VDU (1)	5671708	Jančius, R., & Gavenauskas, A. (2022). The influence of values and social environment on parents' environmental attitudes: Lithuanian case study. <i>Sustainability</i> , 14(20), 1–23. doi: 10.3390/su142013415	N 012 (100)	11.2.	VDU (6,498)
877.	VDU (1)	5671726	Januškaitienė, I., Dikšaitytė, A., & Kunigiškytė, J. (2022). Organic fertilizers reduce negative effect of drought in barely (C-3) and millet (C-4) under warmed climate conditions. <i>Archives of agronomy and soil science</i> , 68(13), 1810–1825. doi: 10.1080/03650340.2021.1928648	N 012 (100)	11.2.	VDU (6,555)
878.	VU (1)	5671768	Motuza, G. (2022). <i>The Precambrian geology of Lithuania: an integratory study of the platform basement structure and evolution</i> . Cham: Springer Cham.	N 005 (100)	11.1.	VU (156,5)
879.	VU (0,8333); GTC (0,1667)	5671800	Daumantas, L., Šinkūnas, P., Rudnickaitė, E., Dobrotin, N., Kisielienė, D., & Spiridonov, A. (2022). Late Pleistocene to Middle Holocene record of sedimentation and carbonate content in the Zervynos paleolake-dune complex, Lithuania. <i>Estonian journal of earth sciences</i> , vol. 71(iss. 4), p. 214-229. doi: 10.3176/earth.2022.15	N 005 (100)	11.2.	VU (3,159); GTC (0,632)
880.	GTC (0,2857); VU (0,1429)	5672095	Druzhinina, O., Stančikaitė, M., Gedminienė, L., Vaikutienė, G., Lavrova, N., & Kublitskiy, Y. et al. (2022). Anthropogenic impact on the landscape of the Vishtynets Upland (Kaliningrad region, SE Baltic) in prehistory and Middle Ages: A multi-proxy palaeoenvironmental study. <i>Quaternary international</i> , 00, p. 1- 15. doi: 10.1016/j.quaint.2022.05.016	N 005 (100)	11.2.	GTC (3,199); VU (1,599)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
881.	VU (0,0176); GTC (0,0059)	5672154	Githumbi, E., Fyfe, R., Gaillard, M., Trondman, A., Mazier, F., & Nielsen, A. et al. (2022). European pollen-based REVEALS land- cover reconstructions for the Holocene: methodology, mapping and potentials. <i>Earth system science data</i> , vol. 14(iss. 4), p. 1581-1619. doi: 10.5194/essd-14-1581-2022	N 005 (100)	11.2.	VU (2,957); GTC (0,986)
882.	VU (0,8333)	5672302	Grendaitė, M., Michelevičius, D., & Radzevičius, S. (2022). A large array of inselbergs on a continuation of the sub-Cambrian peneplain in the Baltic Basin: evidence from seismic data, Western Lithuania. <i>Geological quarterly</i> , vol. 66(iss. 1), p. [1-14]. doi: 10.7306/gq.1633	N 005 (100)	11.2.	VU (5,794)
883.	VU (1)	5672370	Jakimavičiūtė Maselienė, V., Samalavičius, V., Ašipauskaitė, A., & Guščo, A. (2022). Estimation of hydrogeological parameters of porous media in a radially convergent flow field in Kairėnai polygon, SE Lithuania. <i>Baltica</i> , vol. 35(no. 2), p. 140-146. doi: 10.5200/baltica.2022.2.4	N 005 (100)	11.2.	VU (4,042)
884.	GTC (0,8); VU (0,2)	5672402	Janušaitė, R., Jarmalavičius, D., Jukna, L., Žilinskas, G., & Pupienis, D. (2022). Analysis of interannual and seasonal nearshore bar behaviour observed from decadal optical satellite data in the Curonian Spit, Baltic Sea. <i>Remote sensing</i> , vol. 14(iss. 14), p. 1-25. doi: 10.3390/rs14143423	N 006 (100)	11.2.	GTC (6,823); VU (1,706)
885.	VU (1)	5672580	Mokrik, R., & Samalavičius, V. (2022). Interpretation of the anomalous groundwater chemistry and ^{234u} / ^{238u} activity ratio disequilibrium in the northern part of the Baltic region. <i>Lithuanian journal of physics</i> , vol. 62(no. 1), p. 21-43. doi: 10.3952/physics.v62i1.4645	N 002 (50), N 005 (50)	11.00	VU (–)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
886.	VDU (1)	5672612	Januškaitienė, I., Kacienė, G., Dikšaitytė, A., Žaltauskaitė, J., Miškelytė, D., & Sujetovienė, G. et al. (2022). Nitrogen supplement attenuates drought stress for non-leguminous hybrid plant fescue and does not affect nitrogen-fixing alfalfa. <i>Journal of agronomy and crop science</i> , 208(3), 283–294. doi: 10.1111/jac. 12576	N 012 (100)	11.2.	VDU (9,206)
887.	VDU (1)	5672661	Kanapickas, A., Vagusevičienė, I., Juknys, R., & Sujetovienė, G. (2022). Effects of climatic and cultivar changes on winter wheat phenology in central Lithuania. <i>International journal of biometeorology</i> , (66), 2009–2020. doi: 10.1007/s00484-022-02336-9	N 012 (80)	11.2.	VDU (5,087)
888.	VDU (0,3333)	5672736	Karimi, S., Liobikienė, G., & Alitavakoli, F. (2022). The effect of religiosity on pro-environmental behavior based on the theory of planned behavior: a cross-sectional study among Iranian rural female facilitators. <i>Frontiers in psychology</i> , (13), 1–12. doi: 10.3389/fpsyg.2022.745019	N 012 (100)	11.2.	VDU (4,243)
889.	VDU (0,5)	5672890	Liobikienė, G., & Brizga, J. (2022). Sustainable consumption in the Baltic states: the carbon footprint in the household sector. <i>Sustainability</i> , 14(3), 1–15. doi: 10.3390/su14031567	N 012 (100)	11.2.	VDU (5,628)
890.	VDU (0,0541)	5673014	Maitre, L., Bustamante, M., Hernández-Ferrer, C., Thiel, D., Lau, E., & Siskos, A. et al. (2022). Multi-omics signatures of the human early life exposome. <i>Nature communications</i> , 13(1), 1–18. doi: 10.1038/s41467-022-34422-2	N 012 (100)	11.2.	VDU (4,043)
891.	VDU (1)	5673081	Makarevičienė, V., & Sendžikienė, E. (2022). Application of microalgae biomass for biodiesel fuel production. <i>Energies</i> , 15 (11), 1–35. doi: 10.3390/en15114178	N 012 (50)	11.2.	VDU (2,474)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
892.	VDU (0,5)	5673205	Maršalkienė, N., Nikolajeva, V., Seņkovs, M., & Česonienė, L. (2022). Fungi present in the organic and mineral layers of six broad-leaved tree plantations as assessed by the plate dilution method. <i>Diversity</i> , 15(1), 1–8. doi: 10.3390/d15010008	N 012 (100)	11.2.	VDU (4,505)
893.	VU (0,4444); LII (0,2222)	5673692	Piličiauskas, G., Simčenka, E., Lidén, K., Kozakaitė, J., Miliauskienė, Ž., & Piličiauskienė, G. et al. (2022). Strontium isotope analysis reveals prehistoric mobility patterns in the southeastern Baltic area. <i>Archaeological and anthropological sciences</i> , vol. 14(iss. 4), p. [1–21]. doi: https://doi.org/10.1007/s12520-022-01539-w	N 005 (50)	11.2.	VU (3,175); LII (1,587)
894.	VU (0,5625)	5673817	Radzevičius, S., Stankevič, R., Budginas, R., Cichon-Pupienis, A., Venckutė-Aleksienė, A., & Meidla, T. et al. (2022). Integrated stratigraphy of the Ludlow (Silurian) of the Baubliai-2 core (western Lithuania) and the record of delta O-18 and delta C-13 climatically driven co-variability. <i>Newsletters on stratigraphy, first published online</i> , p. [1-14]. doi: 10.1127/nos/2022/0712	N 005 (100)	11.2.	VU (9,469)
895.	VU (0,6667)	5673833	Spiridonov, A., Balakauskas, L., & Lovejoy, S. (2022). Longitudinal expansion fitness of brachiopod genera controlled by the Wilson cycle. <i>Global and planetary change</i> , vol. 216, p. [1-8]. doi: 10.1016/j.gloplacha.2022.103926	N 005 (100)	11.2.	VU (7,899)
896.	VU (0,5)	5673861	Spiridonov, A., & Lovejoy, S. (2022). Life rather than climate influences diversity at scales greater than 40 million years. <i>Nature</i> , vol. 607, p. 307-312. doi: 10.1038/s41586-022-04867-y	N 005 (100)	11.2.	VU (45,962)
897.	VU (0,3333)	5673879	Tamošiūnas, T., Žaržojus, G., & Skuodis, Š. (2022). Indirect determination of soil Young's modulus in Lithuania using cone penetration test data. <i>The Baltic journal of road and bridge engineering</i> , vol. 17(iss. 2), p. 1-24. doi: 10.7250/bjrbe.2022- 17.558	N 005 (50)	11.00	VU (–)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
898.	VU (0,6667)	5673979	Whittingham, M., Spiridonov, A., & Radzevičius, S. (2022). Dynamic ecophenotypy in the Silurian Monograptidae (Graptolithina). <i>Earth and environmental science transactions of the Royal Society of Edinburgh</i> , vol. 113(no. 1), p. 29-38. doi: 10.1017/S1755691021000402	N 005 (100)	11.2.	VU (4,22)
899.	VU (0,75)	5674040	Želvys, T., Brazauskas, A., Spiridonov, A., Balčiūnas, M., Garbaras, A., & Radzevičius, S. (2022). Stable carbon isotope stratigraphy of the Silurian in the Jočionys-299 borehole (eastern Lithuania). <i>Estonian journal of earth sciences</i> , vol. 71(no. 3), p. 127-134. doi: 10.3176/earth.2022.09	N 005 (100)	11.2.	VU (4,021)
900.	VDU (1)	5674763	Juknelienė, D., Česonienė, L., Jonikavičius, D., Šileikienė, D., Tiškutė-Memgaudienė, D., & Valčiukienė, J. et al. (2022). Development of land cover naturalness in Lithuania on the edge of the 21st century: trends and driving factors. <i>Land</i> , 11(3), 1-20. doi: 10.3390/land11030339	N 012 (30)	11.2.	VDU (2,206)
901.	KU (0,3)	5676460	Schernewski, G., Voekler, L., Lambrecht, L., Robbe, E., & Schumacher, J. (2022). Building with nature – ecosystem service assessment of coastal-protection scenarios. <i>Sustainability</i> , Vol. 14, Iss. 23, Art. No. 15737, p. 1-18. doi: 10.3390/su142315737	N 012 (100)	11.2.	KU (3,899)
902.	VDU (0,0714)	5679269	Masterson, D., Triguero-Mas, M., Marquez, S., Zijlema, W., Martinez, D., & Gidlow, C. et al. (2022). Use of the natural outdoor environment in different populations in Europe in relation to access: implications for policy. <i>International journal of environmental research and public health</i> , 19(4), 1–13. doi: 10.3390/ijerph19042226	N 012 (100)	11.00	VDU (–)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
903.	VDU (0,0714)	5679454	Midya, V., Colicino, E., Conti, D., Berhane, K., Ruiz-Garcia, E., & Stratakis, N. et al. (2022). Association of prenatal exposure to endocrine-disrupting chemicals with liver injury in children. <i>JAMA Network open</i> , 5(7), 1–16. doi: 10.1001/jamanetworkopen.2022.20176	N 012 (100)	11.2.	VDU (4,331)
904.	VDU (1)	5679651	Poškus, M. (2022). Toward the development and validation of a model of environmental citizenship of young adults. <i>Sustainability</i> , 14(6), 1–15. doi: 10.3390/su14063338	N 012 (100)	11.2.	VDU (6,498)
905.	VDU (0,087)	5679762	Prado-Bert, P., Warembourg, C., Dédelè, A., Heude, B., Borràs, E., & Sabidó, E. et al. (2022). Short- and medium-term air pollution exposure, plasmatic protein levels and blood pressure in children. <i>Environmental research</i> , (211), 1–10. doi: 10.1016/j.envres.2022.113109	N 012 (100)	11.2.	VDU (3,857)
906.	VU (0,4167); VDU (0,0833)	5679912	Ginevičienė, V., Utkus, A., Prancėvičienė, E., Semenova, E., Hall, E., & Ahmetov, I. (2022). Perspectives in sports genomics. <i>Biomedicines</i> , 10(2), 1-16. doi: 10.3390/biomedicines10020298	N 009 (20)	11.2.	VU (1,686); VDU (0,337)
907.	VDU (0,0149)	5680378	Rodriguez Sanchez, M., Abraham, E., Aguiar, F., Andreoli, A., Baležentienė, L., & Berisha, N. et al. (2022). Bringing the margin to the focus: 10 challenges for riparian vegetation science and management. <i>WIREs Water</i> , 9(5), 1–14. doi: 10.1002/wat2.1604	N 012 (100)	11.2.	VDU (1,431)
908.	VDU (0,0909)	5680509	Ruiz Arenas, C., Hernandez Ferrer, C., Vives Usano, M., Alemany, S., Quintela, I., & Mason, D. et al. (2022). Identification of autosomal cis expression quantitative trait methylation (cis eQTM) in children's blood. <i>eLife</i> , (11), 1–26. doi: 10.7554/eLife. 65310	N 012 (100)	11.2.	VDU (5,083)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
909.	VDU (0,0256)	5680585	Sammallahti, S., Koopman-Verhoeff, M., Binter, A., Mulder, R., Cabre-Riera, A., & Kvist, T. et al. (2022). Longitudinal associations of DNA methylation and sleep in children: a meta- analysis. <i>Clinical epigenetics</i> , 14(1), 1–12. doi: 10.1186/s13148- 022-01298-4	N 012 (100)	11.2.	VDU (1,362)
910.	VDU (1)	5680685	Sendžikienė, E., & Makarevičienė, V. (2022). Application of liquid waste from biogas production for microalgae <i>Chlorella</i> sp. cultivation. <i>Cells</i> , 11(7), 1–13. doi: 10.3390/cells11071206	N 012 (50)	11.2.	VDU (3,692)
911.	VDU (0,0571)	5680723	Stratakis, N., Siskos, A., Papadopoulou, E., Nguyen, A., Zhao, Y., & Margetaki, K. et al. (2022). Urinary metabolic biomarkers of diet quality in European children are associated with metabolic health. <i>ELIFE</i> , (11), 1–20. doi: 10.7554/eLife.71332	N 012 (100)	11.2.	VDU (3,482)
912.	VDU (1)	5680792	Sujetovienė, G., & Dabašinskas, G. (2022). Interactions between changes in land cover and potential of ecosystem services in Lithuania at temporal and spatial scale. <i>Ecological complexity</i> , (49), 1–8. doi: 10.1016/j.ecocom.2022.100984	N 012 (100)	11.2.	VDU (8,282)
913.	VDU (0,0541)	5680896	Toda, M., Avraam, D., Cadman, T., Fossati, S., Castro Pascual, M., & Dèdelè, A. et al. (2022). Exposure to natural environments during pregnancy and birth outcomes in 11 european birth cohorts. <i>Environment international</i> , (170), 1–10. doi: 10.1016/j. envint.2022.107648	N 012 (100)	11.2.	VDU (3,465)
914.	LSMU (0,6429); VDU (0,3571)	5680995	Vaičiulis, V., Venclovienė, J., Kacienė, G., Tamošiūnas, A., Kiznys, D., & Lukšienė, D. et al. (2022). Association between El Niño- Southern Oscillation events and stroke: a case-crossover study in Kaunas city, Lithuania, 2000–2015. <i>International journal of biometeorology</i> , 66(4), 769–779. doi: 10.1007/s00484-021- 02235-5	N 012 (50)	11.2.	LSMU (2,044); VDU (1,136)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
915.	VU (0,5)	5681738	Hare, K., & Jankauskas, J. (2021). On Newman and Littlewood polynomials with a prescribed number of zeros inside the unit disk. <i>Mathematics of computation</i> , vol. 90(iss. 328), p. 831-870. doi: 10.1090/mcom/3570	N 001 (100)	11.2.	VU (–)
916.	LSMU (0,75); VDU (0,25)	5682546	Vencloviienė, J., Beresnevaitė, M., Čerkauskaitė, S., Ragaišytė, N., Pilvinienė, R., & Benetis, R. (2022). Statistical associations between geomagnetic activity, solar wind, cosmic ray intensity, and heart rate variability in patients after open-heart surgery. <i>Atmosphere</i> , 13(8), 1–12. doi: 10.3390/atmos13081330	N 012 (50)	11.2.	LSMU (2,045); VDU (0,682)
917.	VDU (1)	5682562	Vencloviienė, J., Kiznys, D., & Žaltauskaitė, J. (2022). Statistical associations between geomagnetic activity, solar wind, solar proton events, and winter NAO and AO indices. <i>Earth and space science</i> , 9(6), 1–24. doi: 10.1029/2021EA002179	N 012 (100)	11.2.	VDU (6,962)
918.	VDU (1)	5682573	Vitas, A. (2022). Centennial Scots pine chronologies for western, central and eastern Lithuania. <i>Dendrochronologia</i> , (74), 1–12. doi: 10.1016/j.dendro.2022.125977	N 012 (100)	11.2.	VDU (8,169)
919.	VDU (1)	5682583	Žaltauskaitė, J., Dagiliūtė, R., Sujetovienė, G., & Dikšaitytė, A. (2022). Short-term interactive effects of copper and cadmium on barley growth, metal uptake, and oxidative damage. <i>Toxicological & environmental chemistry</i> , 104(1), 103–119. doi: 10.1080/02772248.2022.2057499	N 012 (100)	11.2.	VDU (4,228)
920.	LEI (0,8333); VDU (0,1667)	5682596	Žaltauskaitė, J., Kniūpytė, I., & Praspaliauskas, M. (2022). Earthworm <i>Eisenia fetida</i> potential for sewage sludge amended soil valorization by heavy metal remediation and soil quality improvement. <i>Journal of hazardous materials</i> , (part A, 424), 1–13. doi: 10.1016/j.jhazmat.2021.127316	N 012 (30)	11.2.	LEI (3,936); VDU (0,787)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
921.	GTC (0,3333); VDU (0,1667)	5683101	Dobrynina, V., Stonis, J., Diškus, A., Solis, M., Baryshnikova, S., & Shin, Y. (5099). Global Nepticulidae, Opostegidae, and Tischeriidae (Lepidoptera): temporal dynamics of species descriptions and their authors. <i>Zootaxa</i> , (4), 450–474. doi: 10.11646/zootaxa.5099.4.2	N 010 (20), N 014 (80)	11.2.	GTC (3,804); VDU (1,902)
922.	GTC (0,3333); VDU (0,3333)	5683165	Stonis, J., Diškus, A., & Mey, W. (2022). Dishkeya, a recently described endemic Tischeriidae genus, now discovered in Colombia. <i>Zootaxa</i> , (2), 285–293. doi: 10.11646/zootaxa.5214.2.8	N 010 (100)	11.2.	GTC (2,69); VDU (2,69)
923.	VDU (1)	5683212	Šatkauskienė, I., & Rutkauskaitė-Sucilienė, J. (2022). The present state of the leech fauna (Annelida: Hirudinea) in Lithuania. <i>Zootaxa</i> , (1), 47–62. doi: 10.11646/zootaxa.5115.1.3	N 010 (100)	11.2.	VDU (5,706)
924.	GTC (0,3333); VDU (0,3333)	5683292	Diškus, A., Mey, W., & Stonis, J. (2022). <i>Astrotischeria recta</i> Diškus, Mey & Stonis, 2022. -. urn:lsid:zoobank.org:act:F1F192B5-5398-4932-B4A2-2.	N 010 (100)	11.7.	GTC (7,071); VDU (7,071)
925.	GTC (0,3333); VDU (0,3333)	5683314	Diškus, A., Mey, W., & Stonis, J. (2022). <i>Dishkeya ursipedella</i> Diškus, Mey & Stonis, 2022. -. urn:lsid:zoobank.org:act:F9D88E72-8287-4E27-BB3E-0.	N 010 (100)	11.7.	GTC (7,071); VDU (7,071)
926.	VDU (0,5)	5683368	Diškus, A., & Stonis, J. (2021). <i>Coptotriche asiana</i> Diškus & Stonis, 2021. -. urn:lsid:zoobank.org:act:D53FA683-FDEA-4710- 97DB-7.	N 010 (100)	11.00	VDU (–)
927.	GTC (0,5); VDU (0,5)	5683390	Diškus, A., & Stonis, J. (2022). <i>Stigmella pallatangai</i> Diškus & Stonis, 2022 urn:lsid:zoobank.org:act:5A7BC99E-B94C-422C- ADA6-F46834354D4B. -. urn:lsid:zoobank.org:act:5A7BC99E- B94C-422C-ADA6-F.	N 010 (100)	11.7.	GTC (7,5); VDU (7,5)
928.	GTC (0,5); VDU (0,5)	5683419	Diškus, A., & Stonis, J. (2022). <i>Stigmella pauta</i> Diškus & Stonis, 2022. -. 0C33A0B2-2483-486D-9C7B-0DC1C744F0EC.	N 010 (100)	11.7.	GTC (7,5); VDU (7,5)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
929.	GTC (0,5); VDU (0,5)	5683449	Diškus, A., & Stonis, J. (2022). <i>Stigmella quercilobatae</i> Diškus & Stonis, 2022. -. 7A571BCA-225C-4FE0-A9C1-C52AEAB52DA4.	N 010 (100)	11.7.	GTC (7,5); VDU (7,5)
930.	VDU (1)	5683745	Daubaras, R., & Česonienė, L. (2022). <i>Actinidia kolomikta</i> Maxim. 'Milema': [veislės pavadinimas] : CPVO final report on technical examination. -. -.	N 010 (100)	11.5.	VDU (15)
931.	VDU (0,875); LSMU (0,125)	5688502	Burbulis, N., Blinstrubienė, A., Baltušnikienė, A., & Deveikytė, J. (2022). Foliar spraying with potassium bicarbonate reduces the negative impact of drought stress on sweet basil (<i>Ocimum basilicum</i> L.). <i>Plants</i> , 11(13), 1-15. doi: 10.3390/plants11131716	N 004 (10)	11.2.	VDU (0,816); LSMU (0,117)
932.	VDU (0,3888); VU (0,0555)	5689752	Cicenas, J., Meškinytė, E., Jukna, V., Rimkus, A., Simkus, J., & Soderholm, D. (2022). SGK1 in cancer: biomarker and drug target. <i>Cancers</i> , 14(10), 1-10. doi: 10.3390/cancers14102385	N 004 (50)	11.2.	VDU (2,824); VU (0,403)
933.	KU (0,1)	5690810	Zimin, A., Atazhanova, O., Romanenkov, D., Kozlov, I., & Chapron, B. (2021). Submesoscale eddies in the White Sea based on satellite radar measurements. <i>Izvestiya, atmospheric and oceanic physics</i> , Vol. 57, No. 12, p. 1705-1711. doi: 10.1134/S0001433821120306	N 006 (100)	11.00	KU (–)
934.	VDU (0,25); LSMU (0,0833)	5690841	Dąbrowski, G., Paulauskienė, A., Baltušnikienė, A., Kłębukowska, L., Czaplicki, S., & Konopka, I. (2022). Changes in selected quality indices in microbially fermented commercial almond and oat drinks. <i>Applied sciences</i> , 12(19), 1-18. doi: 10.3390/app12199983	N 004 (30)	11.2.	VDU (0,563); LSMU (0,188)
935.	KU (0,0833)	5690864	Pinardi, M., Free, G., Lotto, B., Ghirardi, N., Bartoli, M., & Bresciani, M. (2021). Exploiting high frequency monitoring and satellite imagery for assessing chlorophyll-a dynamics in a shallow eutrophic lake. <i>Journal of limnology</i> , Vol. 80, No. 3, Art. No. 2033, p. 1-16. doi: 10.4081/jlimnol.2021.2033	N 012 (100)	11.2.	KU (0,779)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
936.	KU (0,25)	5690965	Escobar-Sanchez, G., Haseler, M., Oppelt, N., & Schernewski, G. (2021). Efficiency of Aerial Drones for Macrolitter Monitoring on Baltic Sea Beaches. <i>Frontiers in environmental science</i> , Vol. 8, Art. No. 560237, p. 1-18. doi: 10.3389/fenvs.2020.560237	N 012 (100)	11.2.	KU (3,011)
937.	VU (0,5)	5691596	Čyras, V., & Lachmayer, F. (2022). New normative standards in the digital context. <i>Jusletter IT: Recht DIGITAL – 25 Jahre IRIS: Proceedings of the 25th International Legal Informatics Symposium IRIS 2022, 24 February</i> , p. 33-39.	N 009 (50)	11.00	VU (–)
938.	VDU (0,75)	5692361	Kavaliauskas, D., Danusevičius, D., Fussi, B., & Žalkauskas, R. (2022). DNA markers reveal genetic association between the sea-side Lithuanian and Bavarian Scots pine populations. <i>Baltic forestry</i> , 28(2), 1-13. doi: 10.46490/BF652	N 012 (20)	11.2.	VDU (0,82)
939.	VDU (0,5); GTC (0,25)	5692642	Manton, M., Ruffner, C., Kibirkštis, G., Brazaitis, G., Marozas, V., & Pukienė, R. et al. (2022). Fire occurrence in hemi-boreal forests: exploring natural and cultural scots pine fire regimes using dendrochronology in Lithuania. <i>Land</i> , 11(2), 1-25. doi: 10.3390/land11020260	N 006 (20)	11.2.	VDU (1,471); GTC (0,735)
940.	GTC (0,1538); VDU (0,1538)	5697158	Stachowicz, M., Manton, M., Abramchuk, M., Banaszuk, P., Jarašius, L., & Kamocki, A. et al. (2022). To store or to drain — To lose or to gain? Rewetting drained peatlands as a measure for increasing water storage in the transboundary Neman River Basin. <i>Science of The Total Environment</i> , (829), 1-13. doi: 10.1016/j.scitotenv.2022.154560	N 013 (50)	11.2.	GTC (2,365); VDU (2,365)
941.	KTU (1)	5884129	Adomėnienė, A., & Venskutonis, P. (2022). Enzyme inhibitory activity of <i>Dioscorea nipponica</i> Makito hydroethanolic extracts of leaves and tubers in relation to their major secondary metabolites. <i>Food bioscience</i> , vol. 50(pt. A), p. 1-13. doi: 10.1016/j.fbio.2022.102059	N 003 (100)	11.2.	KTU (8,868)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
942.	KTU (0,2143)	5884332	Jošt, M., Köhnen, E., Al-Ashouri, A., Bertram, T., Tomšič, Š., & Magomedov, A. et al. (2022). Perovskite/CIGS tandem solar cells: from certified 24.2% toward 30% and beyond. <i>ACS energy letters</i> , vol. 7(iss. 4), p. 1298-1307. doi: 10.1021/acsenenergylett. 2c00274	N 003 (100)	11.2.	KTU (12,645)
943.	KTU (0,2105)	5884642	Lin, Y., Zhang, Y., Zhang, J., Marcinkas, M., Malinauskas, T., & Magomedov, A. et al. (2022). 18.9% efficient organic solar cells based on n-doped bulk-heterojunction and halogen-substituted self-assembled monolayers as hole extracting interlayers. <i>Advanced energy materials</i> , vol. 12(iss. 45), p. 1-9. doi: 10.1002 /aenm.202202503	N 003 (100)	11.2.	KTU (19,274)
944.	KTU (0,1333)	5884670	Peng, W., Lin, Y., Jeong, S., Genene, Z., Magomedov, A., & Woo, H. et al. (2022). Over 18% ternary polymer solar cells enabled by a terpolymer as the third component. <i>Nano energy</i> , vol. 92, p. 1- 8. doi: 10.1016/j.nanoen.2021.106681	N 003 (100)	11.2.	KTU (7,411)
945.	KTU (0,3333)	5884693	Razmienė, B., Vojáčková, V., Řezníčková, E., Malina, L., Dambrauskienė, V., & Kubala, M. et al. (2022). Synthesis of N- aryl-2,6-diphenyl-2H-pyrazolo[4,3-c]pyridin-7-amines and their photodynamic properties in the human skin melanoma cell line G361. <i>Bioorganic chemistry</i> , vol. 119, p. 1-10. doi: 10.1016/j. bioorg.2021.105570	N 003 (100)	11.2.	KTU (4,025)
946.	KTU (1)	5938043	Bražėnas, M., & Valakevičius, E. (2022). A sequential direct hybrid algorithm to compute stationary distribution of continuous-time Markov chain. <i>Expert systems with applications</i> , vol. 207, p. 1-8. doi: 10.1016/j.eswa.2022.117962	N 001 (100)	11.2.	KTU (13,996)
947.	KTU (1)	5938165	Smidtaite, R., & Ragulskis, M. (2022). Spiral waves of divergence in the Barkley model of nilpotent matrices. <i>Chaos, solitons and fractals</i> , vol. 159, p. 1-14. doi: 10.1016/j.chaos.2022.112158	N 001 (100)	11.2.	KTU (18,012)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
948.	LSMU (0,5714); GTC (0,2857); KTU (0,1429)	5950429	Nutautaitė, M., Racevičiūtė Stupelienė, A., Bliznikas, S., Jonuškienė, I., Karosienė, J., & Koreivienė, J. et al. (2022). Evaluation of phenolic compounds and pigments in freshwater <i>Cladophora glomerata</i> biomass from various Lithuanian rivers as a potential future raw material for biotechnology /. <i>Water.</i> , vol. 14(no. 7), p.1-18. doi: 10.3390/w14071138	N 012 (30)	11.2.	LSMU (1,052); GTC (0,526); KTU (0,263)
949.	FTMC (1)	6396427	Alexeeva, N., & Kašalynas, I. (2022). <i>European Patent application EP EP20210169747 20210421</i> . European Patent Office.	N 002 (100)	11.3.	FTMC (10)
950.	FTMC (1)	6396614	Ašmontas, S., Gradauskas, J., Grigucevičienė, A., Leinartas, K., Petrauskas, K., & Staišiūnas, L. et al. (2022). <i>European Patent application EP EP20210203951 20211021</i> . European Patent Office.	N 002 (70), N 003 (30)	11.3.	FTMC (10)
951.	FTMC (0,2857)	6397103	Krustok, J., Kondrotas, R., Nedzinskas, R., Timmo, K., Kaupmees, R., & Mikli, V. et al. (2021). Identification of excitons and biexcitons in Sb ₂ Se ₃ under high photoluminescence excitation density. <i>Advanced optical materials</i> , vol. 9(iss. 10), p. 1-7. doi: 10.1002/adom.v9.10	N 002 (50), N 003 (50)	11.2.	FTMC (5,584)
952.	FTMC (0,0769)	6397259	Li, X., Zhang, Q., Li, H., Li, M., Wong, S., & Lee, F. et al. (2017). CCQM-K103 key comparison melanine in milk powder. <i>Metrologia</i> , vol. 54(no. 1A), p. 1-10. doi: 10.1088/0026-1394/54/1A/08018	N 002 (100)	11.2.	FTMC (1,106)
953.	FTMC (0,0556)	6397320	Cassette, P., Altitzoglou, T., Antohe, A., Rossi, M., Arinc, A., & Capogni, M. et al. (2019). Results of the CCRI(II)-S12.H-3 supplementary comparison: Comparison of methods for the calculation of the activity and standard uncertainty of a tritiated- water source measured using the LSC-TDCR method. <i>Metrologia</i> , vol. 56(no. 1A), p. 1-22. doi: 10.1088/0026-1394/56/1A/06005	N 002 (100)	11.2.	FTMC (1,244)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
954.	GTC (0,8); FTMC (0,2)	6397429	Mažeika, J., Jefanova, O., Petrošius, R., Lujanienė, G., & Skuratovič, Ž. (2022). C-14 and other radionuclides in the environment in the border region of Lithuania before the start of the Belarusian nuclear power plant operation. <i>Radiocarbon</i> , vol. 64(iss. 6), p. 1309-1322. doi: 10.1017/RDC.2022.20	N 002 (20), N 005 (80)	11.2.	GTC (14,88); FTMC (3,72)
955.	VU (0,625); FTMC (0,125)	6397695	Afonina, A., Kizalaitė, A., Žarkov, A., Drabavičius, A., Goto, T., & Sekino, T. et al. (2022). Synthesis of whitlockite nanopowders with different magnesium content. <i>Ceramics International</i> , vol. 48(iss. 21), p. 32125-32130. doi: 10.1016/j.ceramint.2022.07.152	N 003 (100)	11.2.	VU (11,547); FTMC (2,309)
956.	VU (0,3); FTMC (0,1)	6397865	Levchenko, I., Riccardi, C., Carra, C., Medvids, A., Litvinas, D., & Ščajev, P. et al. (2022). Hierarchical carbon nanocone-silica metamaterials: implications for white light photoluminescence. <i>ACS applied nano materials</i> , vol. 5(iss. 4), p. 4787-4800. doi: 10.1021/acsanm.1c04283	N 002 (50), N 003 (10)	11.2.	VU (3,293); FTMC (1,098)
957.	FTMC (1)	6398386	Stonkutė, R., & Vansevičius, V. (2022). Dwarf irregular galaxy Leo A. II. Suprime-Cam R and H alpha stellar photometry. <i>Astrophysical journal supplement series</i> , vol. 259(iss. 1), p. [1-5]. doi: 10.3847/1538-4365/ac5119	N 002 (100)	11.2.	FTMC (15,239)
958.	KU (0,0714); VU (0,0714)	6407899	El Khalidi, K., Bourhili, A., Bagdanavičiūtė, I., Minoubi, A., Hakkou, M., & Zourarah, B. et al. (2022). Coastal land use and shoreline evolution along the Nador lagoon Coast in Morocco. <i>Geocarto international</i> , Vol. 37, Iss. 25, p. 7445-7461. doi: doi.org/10.1080/10106049.2021.1974958	N 006 (100)	11.2.	KU (0,995); VU (0,995)
959.	KTU (0,5556); LEI (0,4444)	6436412	Akstinas, V., Kriščiūnas, A., Šidlauskas, A., Čalnerytė, D., Meilutytė-Lukauskienė, D., & Jakimavičius, D. et al. (2022). Determination of river hydromorphological features in low-land rivers from aerial imagery and direct measurements using machine learning algorithms. <i>Water</i> , vol. 14(iss. 24), p. 1-22. doi: 10.3390/w14244114	N 009 (50)	11.2.	KTU (1,705); LEI (1,364)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
960.	VU (0,0556)	6442344	Adomavičiūtė-Grabusovė, S., Hinkel, J., Usenov, I., Novikov, A., Sakharova, T., & Döhler, T. et al. (2022). Microstructuring of the end-surface for silver halide polycrystalline fibers to suppress Fresnel reflection. <i>Optical materials express</i> , vol. 12(no. 1), p. 34- 48. doi: 10.1364/OME.439904	N 002 (100)	11.2.	VU (0,705)
961.	VU (0,0455)	6444182	Aidelsburger, M., Barbiero, L., Bermudez, A., Chanda, T., Dauphin, A., & González-Cuadra, D. et al. (2022). Cold atoms meet lattice gauge theory. <i>Philosophical transactions. Series A, Mathematical, physical, and engineering sciences</i> , vol. 380(iss. 2216), p. [1-20]. doi: 10.1098/rsta.2021.0064	N 002 (100)	11.2.	VU (1,496)
962.	VU (0,004)	6444483	Alonso, I., Alpigiani, C., Altschul, B., Araújo, H., Arduini, G., & Arlt, J. et al. (2022). Cold atoms in space: community workshop summary and proposed road-map. <i>EPJ quantum technology</i> , vol. 9(no. 1), p. 1417-1426. doi: 10.1140/epjqt/s40507-022-00147-w	N 002 (100)	11.2.	VU (0,559)
963.	VU (0,0017)	6445168	Ambrozas, M., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Search for single production of a vector-like T quark decaying to a top quark and a Z boson in the final state with jets and missing transverse momentum at $\sqrt{s} = 13$ TeV. <i>Journal of high energy physics</i> , vol. 5, p. [1-49]. doi: 10.1007/JHEP05(2022) 093	N 002 (100)	11.2.	VU (0,296)
964.	VU (0,0021)	6446179	Ambrozas, M., Juodagalvis, A., Rinkevičius, A., Tamulaitis, G., & Vaitkevičius, A. (2022). Probing charm quark dynamics via multiparticle correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Physical review letters</i> , vol. 129(no. 2), p. [1-19]. doi: 10.1103/PhysRevLett.129.022001	N 002 (100)	11.2.	VU (0,567)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
965.	VU (0,0021)	6446348	Ambrozas, M., Juodagalvis, A., Rinkevičius, A., Tamulaitis, G., & Vaitkevičius, A. (2022). Search for electroweak production of charginos and neutralinos in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of high energy physics</i> , vol. 4, p. [1-73]. doi: 10.1007/JHEP04(2022)147	N 002 (100)	11.2.	VU (0,381)
966.	VU (0,0021)	6446473	Ambrozas, M., Juodagalvis, A., Rinkevičius, A., Tamulaitis, G., & Vaitkevičius, A. (2022). Search for $W\gamma$ resonances in proton- proton collisions at $\sqrt{s} = 13$ TeV using hadronic decays of Lorentz-boosted W bosons. <i>Physics letters B</i> , vol. 826, p. [1-28]. doi: 10.1016/j.physletb.2022.136888	N 002 (100)	11.2.	VU (0,335)
967.	VU (0,0021)	6446497	Ambrozas, M., Juodagalvis, A., Rinkevičius, A., Tamulaitis, G., & Vaitkevičius, A. (2022). Study of dijet events with large rapidity separation in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. <i>Journal of high energy physics</i> , vol. 3, p. [1-46]. doi: 10.1007/JHEP03(2022) 189	N 002 (100)	11.2.	VU (0,371)
968.	VU (0,0021)	6446531	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Analysis of the CP structure of the Yukawa coupling between the Higgs boson and τ leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of high energy physics</i> , vol. 6, p. [1-67]. doi: 10.1007/JHEP06(2022)012	N 002 (100)	11.2.	VU (0,377)
969.	VU (0,0021)	6446555	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). A new calibration method for charm jet identification validated with proton-proton collision events at $\sqrt{s} = 13$ TeV. <i>Journal of instrumentation</i> , vol. 17, p. [1-64]. doi: 10.1088/1748-0221/17/03/P03014	N 002 (100)	11.2.	VU (0,145)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
970.	VU (0,0021)	6446719	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Evidence for WW/WZ vector boson scattering in the decay channel $\ell\nu qq$ produced in association with two jets in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Physics letters B</i> , vol. 834, p. [1-28]. doi: 10.1016/j.physletb.2022.137438	N 002 (100)	11.2.	VU (0,32)
971.	VU (0,0021)	6446732	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Identification of hadronic tau lepton decays using a deep neural network. <i>Journal of instrumentation</i> , vol. 17, p. [1-51]. doi: 10.1088/1748-0221/17/07/P07023	N 002 (100)	11.2.	VU (0,137)
972.	VU (0,0021)	6446898	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Inclusive nonresonant multilepton probes of new phenomena at $\sqrt{s} = 13$ TeV. <i>Physical review D</i> , vol. 105 (no. 11), p. [1-52]. doi: 10.1103/PhysRevD.105.112007	N 002 (100)	11.2.	VU (0,323)
973.	VU (0,0021)	6446992	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Measurement of the Drell-Yan forward-backward asymmetry at high dilepton masses in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of high energy physics</i> , vol. 8, p. [1-58]. doi: 10.1007/JHEP08(2022)063	N 002 (100)	11.2.	VU (0,368)
974.	VU (0,0021)	6447005	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Measurement of the Higgs boson width and evidence of its off-shell contributions to ZZ production. <i>Nature physics</i> , vol. 18, p. 1329-1334. doi: 10.1038/s41567-022-01682-0	N 002 (100)	11.2.	VU (1,203)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
975.	VU (0,0021)	6447038	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Measurement of the inclusive and differential Higgs boson production cross sections in the decay mode to a pair of τ leptons in pp collisions at $\sqrt{s} = 13$ TeV. <i>Physical review letters</i> , vol. 128(no. 8), p. [1-19]. doi: 10.1103/PhysRevLett.128.081805	N 002 (100)	11.2.	VU (0,577)
976.	VU (0,0021)	6447071	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Measurement of the inclusive and differential $t\bar{t}\gamma$ cross sections in the dilepton channel and effective field theory interpretation in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of high energy physics</i> , vol. 5, p. [1-59]. doi: 10.1007/JHEP05(2022)091	N 002 (100)	11.2.	VU (0,376)
977.	VU (0,0021)	6447104	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Measurement of the inclusive and differential WZ production cross sections, polarization angles, and triple gauge couplings in pp collisions at $\sqrt{s} = 13$ TeV. <i>Journal of high energy physics</i> , vol. 7, p. [1-78]. doi: 10.1007/JHEP07 (2022)032	N 002 (100)	11.2.	VU (0,376)
978.	VU (0,0021)	6447211	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Measurement of the inclusive $t\bar{t}$ production cross section in proton-proton collisions at $\sqrt{s} = 5.02$ TeV. <i>Journal of high energy physics</i> , vol. 4, p. [1-38]. doi: 10.1007/JHEP04(2022)144	N 002 (100)	11.2.	VU (0,372)
979.	VU (0,0021)	6449089	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Measurement of the production cross section for Z+b jets in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Physical review D</i> , vol. 105, p. [1-34]. doi: 10.1103/PhysRevD. 105.092014	N 002 (100)	11.2.	VU (0,323)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
980.	VU (0,0021)	6449206	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Measurement of $W\gamma$ differential cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV and effective field theory constraints. <i>Physical review D</i> , vol. 105, p. [1-34]. doi: 10.1103/PhysRevD.105.052003	N 002 (100)	11.2.	VU (0,324)
981.	VU (0,0021)	6449413	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Observation of $B^0 \rightarrow \psi(2S)K^0_S \pi^+ \pi^-$ and $B^0_S \rightarrow \psi(2S)K^0_S$ decays. <i>European physical journal C</i> , vol. 82 (no. 5), p. [1-25]. doi: 10.1140/epjc/s10052-022-10315-y	N 002 (100)	11.2.	VU (0,312)
982.	VU (0,0021)	6449520	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Observation of the B_c^+ meson in Pb-Pb and pp collisions at $\sqrt{s_{NN}} = 5.02$ TeV and measurement of its nuclear modification Factor. <i>Physical review letters</i> , vol. 128(no. 25), p. [1-32]. doi: 10.1103/PhysRevLett.128.252301	N 002 (100)	11.2.	VU (0,609)
983.	VU (0,0021)	6449646	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Precision measurement of the W boson decay branching fractions in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Physical review D</i> , vol. 105, p. [1-31]. doi: 10.1103/PhysRevD.105.072008	N 002 (100)	11.2.	VU (0,324)
984.	VU (0,0021)	6449754	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Search for a heavy resonance decaying into a top quark and a W boson in the lepton+jets final state at $\sqrt{s} = 13$ TeV. <i>Journal of high energy physics</i> , vol. 4, p. [1-43]. doi: 10.1007/JHEP04(2022)048	N 002 (100)	11.2.	VU (0,375)
985.	VU (0,0021)	6449909	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Search for a right-handed W boson and a heavy neutrino in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of high energy physics</i> , vol. 4, p. [1-43]. doi: 10.1007/JHEP04(2022)047	N 002 (100)	11.2.	VU (0,371)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
986.	VU (0,0021)	6450347	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Search for a W' boson decaying to a vector-like quark and a top or bottom quark in the all-jets final state at $\sqrt{s} = 13$ TeV. <i>Journal of high energy physics</i> , vol. 9, p. [1- 46]. doi: 10.1007/JHEP09(2022)088	N 002 (100)	11.2.	VU (0,372)
987.	VU (0,0021)	6450531	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Search for flavor-changing neutral current interactions of the top quark and Higgs boson in final states with two photons in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Physical review letters</i> , vol. 129(no. 3), p. [1-20]. doi: 10.1103/PhysRevLett.129.032001	N 002 (100)	11.2.	VU (0,535)
988.	VU (0,0021)	6450713	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Search for flavor-changing neutral current interactions of the top quark and the Higgs boson decaying to a bottom quark-antiquark pair at $\sqrt{s} = 13$ TeV. <i>Journal of high energy physics</i> , vol. 2, p. [1-42]. doi: 10.1007/JHEP02(2022)169	N 002 (100)	11.2.	VU (0,371)
989.	VU (0,0021)	6450779	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Search for heavy resonances decaying to a pair of Lorentz-boosted Higgs bosons in final states with leptons and a bottom quark pair at $\sqrt{s} = 13$ TeV. <i>Journal of high energy physics</i> , vol. 5, p. [1-61]. doi: 10.1007/JHEP05(2022)005	N 002 (100)	11.2.	VU (0,373)
990.	VU (0,0021)	6450925	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Search for heavy resonances decaying to WW, WZ, or WH boson pairs in a final state consisting of a lepton and a large-radius jet in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Physical review D</i> , vol. 105, p. [1-29]. doi: 10.1103/PhysRevD.105.032008	N 002 (100)	11.2.	VU (0,333)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
991.	VU (0,0021)	6451081	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Search for heavy resonances decaying to ZZ or ZW and axion-like particles mediating nonresonant ZZ or ZH production at $\sqrt{s} = 13$ TeV. <i>Journal of high energy physics</i> , vol. 4, p. [1-49]. doi: 10.1007/JHEP04(2022)087	N 002 (100)	11.2.	VU (0,371)
992.	VU (0,0021)	6451322	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Search for heavy resonances decaying to Z ($\nu\bar{\nu}$)V($q\bar{q}$) in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Physical review D</i> , vol. 106, p. [1-28]. doi: 10.1103/PhysRevD.106.012004	N 002 (100)	11.2.	VU (0,329)
993.	VU (0,0021)	6451839	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Search for Higgs boson pair production in the four b quark final state in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Physical review letters</i> , vol. 129(no. 8), p. [1-20]. doi: 10.1103/PhysRevLett.129.081802	N 002 (100)	11.2.	VU (0,557)
994.	VU (0,0021)	6451885	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Search for high-mass resonances decaying to a jet and a Lorentz-boosted resonance in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Physics letters B</i> , vol. 832, p. [1-24]. doi: 10.1016/j.physletb.2022.137263	N 002 (100)	11.2.	VU (0,32)
995.	VU (0,0021)	6451917	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Search for invisible decays of the Higgs boson produced via vector boson fusion in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Physical review D</i> , vol. 105, p. [1-36]. doi: 10.1103/PhysRevD.105.092007	N 002 (100)	11.2.	VU (0,326)
996.	VU (0,0021)	6452008	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Search for long-lived heavy neutral leptons with displaced vertices in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of high energy physics</i> , vol. 7, p. [1-56]. doi: 10.1007/JHEP07(2022)081	N 002 (100)	11.2.	VU (0,367)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
997.	VU (0,0021)	6452181	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Search for long-lived particles decaying into muon pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV collected with a dedicated high-rate data stream. <i>Journal of high energy physics</i> , vol. 4, p. [1-45]. doi: 10.1007/JHEP04(2022)062	N 002 (100)	11.2.	VU (0,373)
998.	VU (0,0021)	6452310	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Search for long-lived particles decaying to leptons with large impact parameter in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>European physical journal C</i> , vol. 82(no. 2), p. [1- 32]. doi: 10.1140/epjc/s10052-022-10027-3	N 002 (100)	11.2.	VU (0,32)
999.	VU (0,0021)	6452728	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Search for long-lived particles produced in association with a Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of high energy physics</i> , vol. 3, p. [1-37]. doi: 10.1007/JHEP03(2022)160	N 002 (100)	11.2.	VU (0,376)
1000.	VU (0,0021)	6452792	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Search for new particles in an extended Higgs sector with four b quarks in the final state at $\sqrt{s} = 13$ TeV. <i>Physics letters B</i> , vol. 835, p. [1-24]. doi: 10.1016/j.physletb.2022.137566	N 002 (100)	11.2.	VU (0,324)
1001.	VU (0,0021)	6452948	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Search for new physics in the lepton plus missing transverse momentum final state in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of high energy physics</i> , vol. 7, p. [1-57]. doi: 10.1007/JHEP07(2022)067	N 002 (100)	11.2.	VU (0,366)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1002.	VU (0,0021)	6453092	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Search for resonances decaying to three W bosons in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Physical review letters</i> , vol. 129(no. 2), p. [1-19]. doi: 10.1103/PhysRevLett.129.021802	N 002 (100)	11.2.	VU (0,562)
1003.	VU (0,0021)	6453218	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Search for resonances decaying to three W bosons in the hadronic final state in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Physical review D</i> , vol. 106(no. 1), p. [1-33]. doi: 10.1103/PhysRevD.106.012002	N 002 (100)	11.2.	VU (0,33)
1004.	VU (0,0021)	6453313	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Search for resonant production of strongly coupled dark matter in proton-proton collisions at 13 TeV. <i>Journal of high energy physics</i> , vol. 6, p. [1-51]. doi: 10.1007/JHEP06 (2022)156	N 002 (100)	11.2.	VU (0,376)
1005.	VU (0,0021)	6453417	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Search for supersymmetry in final states with two or three soft leptons and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of high energy physics</i> , vol. 4, p. [1-58]. doi: 10.1007/JHEP04(2022)091	N 002 (100)	11.2.	VU (0,37)
1006.	VU (0,0019)	6453485	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Strategies and performance of the CMS silicon tracker alignment during LHC Run 2. <i>Nuclear instruments and methods in physics research. Section A: accelerators, spectrometers, detectors and associated equipment</i> , vol. 1037, p. [1-45]. doi: 10.1016/j.nima.2022.166795	N 002 (100)	11.2.	VU (0,151)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1007.	VU (0,0021)	6453770	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Study of quark and gluon jet substructure in Z+jet and dijet events from pp collisions. <i>Journal of high energy physics</i> , vol. 1, p. [1-54]. doi: 10.1007/JHEP01(2022)188	N 002 (100)	11.2.	VU (0,376)
1008.	VU (0,25)	6453975	Asadpour, S., Hamed, H., Kirova, T., & Paspalakis, E. (2022). Two-dimensional electromagnetically induced phase grating via composite vortex light. <i>Physical review A</i> , vol. 105(no. 4), p. [1- 11]. doi: 10.1103/PhysRevA.105.043709	N 002 (100)	11.2.	VU (3,8)
1009.	VU (0,3333)	6454816	Asadpour, S., Hamed, H., & Paspalakis, E. (2022). Transfer of orbital angular momentum of light using autler-townes splitting. <i>Photonics</i> , vol. 9(no. 12), p. [1-14]. doi: 10.3390/photonics9120954	N 002 (100)	11.2.	VU (3,849)
1010.	VU (0,25)	6454979	Asadpour, S., Uddin, Z., Abbas, M., & Hamed, H. (2022). Exchange of orbital angular momentum of light via noise-induced coherence. <i>Physical review A</i> , vol. 105(iss. 3), p. [1-10]. doi: 10.1103/PhysRevA.105.033709	N 002 (100)	11.2.	VU (3,8)
1011.	VU (1)	6455082	Atkočaitis, E., Smalakys, L., & Melninkaitis, A. (2022). Pulse temporal scaling of LIDT for anti-reflective coatings deposited on lithium triborate crystals. <i>Optics express</i> , vol. 30(iss. 16), p. 28401-28413. doi: 10.1364/OE.459391	N 002 (100)	11.2.	VU (9,389)
1012.	VU (0,1429)	6455415	Bajac, B., Vukmirovic, J., Samardzic, N., Banys, J., Stojanovic, G., & Bobic, J. et al. (2022). Dielectric and ferroelectric properties of multilayer BaTiO ₃ /NiFe ₂ O ₄ thin films prepared by solution deposition technique. <i>Ceramics international</i> , vol. 48(no. 18), p. 26378-26386. doi: 10.1016/j.ceramint.2022.05.326	N 002 (100)	11.2.	VU (2,639)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1013.	VU (1)	6455549	Balevičius, V., Aidas, K., Maršalka, A., Kuliešius, F., Jakubkienė, V., & Tumkevičius, S. (2022). 17O NMR and DFT study of hydrogen bonding: Proton sharing and incipient transfer. <i>Lithuanian journal of physics</i> , vol. 62(iss. 2), p. 114-125. doi: 10.3952/physics.v62i2.4744	N 002 (80), N 003 (20)	11.00	VU (–)
1014.	VU (1)	6455800	Banys, J., Savickytė, J., Balachninaite, O., Armalytė, S., Tamulienė, V., & Jarutis, V. et al. (2022). Performance investigation of high-efficiency widely tunable subnanosecond optical parametric generator and amplifier based on MgO:PPLN. <i>Optics express</i> , vol. 30(no. 13), p. 23163-23176. doi: 10.1364/OE. 459826	N 002 (100)	11.2.	VU (9,389)
1015.	VU (1)	6456197	Banys, J., & Vengelis, J. (2022). Efficient single-pass and double-pass pre-chirp managed Yb-doped rod-type fiber amplifiers using Gires–Tournois interferometric mirrors. <i>Optik</i> , vol. 249, p. [1-9]. doi: 10.1016/j.ijleo.2021.168185	N 002 (100)	11.2.	VU (8,028)
1016.	VU (1)	6456237	Baronas, P., Kreiza, G., Naimovičius, L., Radiunas, E., Kazlauskas, K., & Orentas, E. et al. (2022). Sweet spot of intermolecular coupling in crystalline rubrene: intermolecular separation to minimize singlet fission and retain triplet–triplet annihilation. <i>Journal of physical chemistry C</i> , vol. 126(no. 36), p. 15327-15335. doi: 10.1021/acs.jpcc.2c04572	N 002 (100)	11.2.	VU (5,764)
1017.	KTU (0,7143); VU (0,2857)	6456368	Beklešovas, B., Iljinas, A., Stankus, V., Čyvienė, J., Andrulevičius, M., & Ivanov, M. et al. (2022). Structural, morphologic, and ferroelectric properties of PZT films deposited through layer-by-layer reactive DC magnetron sputtering. <i>Coatings</i> , vol. 12(iss. 6), p. 1-10. doi: 10.3390/coatings12060717	N 002 (50)	11.2.	KTU (2,17); VU (0,868)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1018.	VU (0,2)	6456446	Bleija, M., Platnieks, O., Macutkevič, J., Starkova, O., & Gaidukovs, S. (2022). Comparison of carbon-nanoparticle-filled poly (butylene succinate-co-adipate) nanocomposites for electromagnetic applications. <i>Nanomaterials</i> , vol. 12(iss. 20), p. [1-17]. doi: 10.3390/nano12203671	N 002 (100)	11.2.	VU (2,704)
1019.	VU (0,2)	6456504	Blyweert, P., Nicolas, V., Macutkevič, J., Fierro, V., & Celzard, A. (2022). Tannin-based resins for 3D printing of porous carbon architectures. <i>ACS sustainable chemistry engineering</i> , vol. 10(iss. 23), p. 7702-7711. doi: 10.1021/acssuschemeng.2c01686	N 002 (100)	11.2.	VU (2,985)
1020.	VU (0,5)	6456547	Braver, J., Fan, C., Žlabys, G., Anisimovas, E., & Sacha, K. (2022). Two-dimensional Thouless pumping in time-space crystalline structures. <i>Physical review B</i> , vol. 106(no. 14), p. [1-10]. doi: 10.1103/PhysRevB.106.144301	N 002 (100)	11.2.	VU (6,339)
1021.	VU (1)	6456640	Butkus, A., Skliutas, E., Gailevičius, D., & Malinauskas, M. (2022). Femtosecond-laser direct writing 3D micro/nano-lithography using VIS-light oscillator. <i>Journal of Central South University</i> , vol. 29(no. 10), p. 3270-3276. doi: 10.1007/s11771-022-5153-z	N 002 (50)	11.2.	VU (4,5)
1022.	VU (0,4545)	6456676	Butkutė, A., Merkininkaitė, G., Jurkšas, T., Stančikas, J., Baravykas, T., & Vargalis, R. et al. (2022). Femtosecond laser assisted 3D etching using inorganic-organic etchant. <i>Materials</i> , vol. 15(iss. 8), p. [1-10]. doi: 10.3390/ma15082817	N 002 (30), N 003 (40)	11.2.	VU (2,683)
1023.	VU (1)	6468443	Čepas, R., Juška, G., Kukulas, L., Kamarauskas, E., & Genevičius, K. (2022). Investigation of recombination processes in bulk-heterojunction organic solar cell by extraction of injected charge carriers. <i>Thin solid films</i> , vol. 752, p. [1-5]. doi: 10.1016/j.tsf. 2022.139254	N 002 (60)	11.2.	VU (2,688)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1024.	VU (0,3)	6468503	Čereška, D., Žemaitis, A., Kontenis, G., Nemickas, G., & Jonušauskas, L. (2022). On-demand wettability via combining fs laser surface structuring and thermal post-treatment. <i>Materials</i> , vol. 15(iss. 6), p. [1-14]. doi: 10.3390/ma15062141	N 002 (30)	11.2.	VU (0,759)
1025.	VU (0,4)	6468858	Colomer, M., Šimėnas, M., Banys, J., Vattier, F., & Maczka, M. (2022). Effect of sintering under CO+N ₂ /H ₂ and CO ₂ +air atmospheres on the physicochemical features of a commercial nano-YSZ. <i>Journal of alloys and compounds</i> , vol. 904, p. [1-10]. doi: 10.1016/j.jallcom.2022.163976	N 002 (100)	11.2.	VU (7,238)
1026.	VU (1)	6471477	Deltuva, A. (2022). Four-body system of He 4 atoms: dimer-dimer scattering. <i>Physical review A</i> , vol. 105(no. 4), p. [1-6]. doi: 10.1103/PhysRevA.105.043310	N 002 (100)	11.2.	VU (7,6)
1027.	VU (1)	6471577	Deltuva, A. (2022). Signatures of the Δ isobar in spin observables of ³ He electrodisintegration. <i>Physics letters B</i> , vol. 835, p. [1-5]. doi: 10.1016/j.physletb.2022.137552	N 002 (100)	11.2.	VU (9,895)
1028.	VU (0,4)	6472480	Dūdėnas, V., Gajdosik, T., Khasianevich, U., Kotlarski, W., & Stöckinger, D. (2022). Charged lepton flavor violating processes in the Grimus-Neufeld model. <i>Journal of high energy physics</i> , (iss. 9), p. [1-37]. doi: 10.1007/JHEP09(2022)174	N 002 (100)	11.2.	VU (7,773)
1029.	VU (0,0022)	6472576	Dūdėnas, V., Juodagalvis, A., Rinkevičius, A., Tamulaitis, G., & Vaitkus, J. (2022). Evidence for X(3872) in Pb-Pb collisions and studies of its prompt production at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Physical review letters</i> , vol. 128(no. 3), p. [1-18]. doi: 10.1103/PhysRevLett.128.032001	N 002 (100)	11.2.	VU (0,588)
1030.	VU (0,0022)	6472646	Dūdėnas, V., Juodagalvis, A., Rinkevičius, A., Tamulaitis, G., & Vaitkus, J. (2022). Nuclear modification of Y states in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. <i>Physics letters B</i> , vol. 835, p. [1- 28]. doi: 10.1016/j.physletb.2022.137397	N 002 (100)	11.2.	VU (0,329)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1031.	VU (0,6); KTU (0,1)	6472779	Dumbrytė, I., Narbutis, D., Vailionis, A., Juodkazis, S., & Malinauskas, M. (2022). Revelation of microcracks as tooth structural element by X-ray tomography and machine learning. <i>Scientific reports</i> , vol. 12(iss. 1), p. 1-14. doi: 10.1038/s41598-022-27062-5	N 002 (30)	11.2.	VU (2,33); KTU (0,388)
1032.	VU (0,5)	6473399	Gaigalas, G., Rynkun, P., Banerjee, S., Masaomi, T., Kato, D., & Radžiūtė, L. (2022). Theoretical investigation of energy levels and transitions for Pr IV. <i>Monthly notices of the Royal Astronomical Society</i> , vol. 517(no. 1), p. 281-293. doi: 10.1093/mnras/stac2401	N 002 (100)	11.2.	VU (10,403)
1033.	VU (1)	6473862	Gontis, V. (2022). Order flow in the financial markets from the perspective of the Fractional Lévy stable motion. <i>Communications in nonlinear science and numerical simulation</i> , vol. 105, p. 1-11. doi: 10.1016/j.cnsns.2021.106087	N 002 (100)	11.2.	VU (12,364)
1034.	VU (1)	6474645	Gricajeva, A., Buchovec, I., Kalėdienė, L., Badokas, K., & Vitta, P. (2022). Riboflavin- and chlorophyllin-based antimicrobial photoinactivation of <i>Brevundimonas</i> sp. ESA1 biofilms. <i>Frontiers in cellular and infection microbiology</i> , vol. 12, p. [1-19]. doi: 10.3389/fcimb.2022.1006723	N 010 (70), N 011 (30)	11.2.	VU (8,489)
1035.	VU (0,5)	6474768	Hamed, H., Yannopapas, V., Juzeliūnas, G., & Paspalakis, E. (2022). Coherent optical effects in a three-level quantum emitter near a periodic plasmonic nanostructure. <i>Physical review B</i> , vol. 106(iss. 3), p. [1-13]. doi: 10.1103/PhysRevB.106.035419	N 002 (100)	11.2.	VU (5,49)
1036.	VU (0,5)	6474903	Hamed, H., Žlabys, G., Ahufinger, V., Halfmann, T., Mompart, J., & Juzeliūnas, G. (2022). Spatially strongly confined atomic excitation via a two dimensional stimulated Raman adiabatic passage. <i>Optics express</i> , vol. 30(iss. 9), p. 13915-13930. doi: 10.1364/OE.447397	N 002 (100)	11.2.	VU (8,131)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1037.	VU (0,5)	6475017	Hernández Yanes, T., Płodzień, M., Mackoit-Sinkevičienė, M., Žlabys, G., Juzeliūnas, G., & Witkowska, E. (2022). One- and two- axis squeezing via laser coupling in an atomic Fermi-Hubbard model. <i>Physical review letters</i> , vol. 129(no. 9), p. [1-7]. doi: 10.1103/PhysRevLett.129.090403	N 002 (100)	11.2.	VU (14,766)
1038.	VU (0,3333)	6475127	Ibenskas, A., Tornau, E., & Šimėnas, M. (2022). Model for self- assembly of Br–H and Br–Br bonded Br4Py molecules. <i>Lithuanian journal of physics</i> , vol. 62(no. 4), p. 235-242. doi: 10.3952/physics.v62i4.4820	N 002 (100)	11.00	VU (–)
1039.	VU (0,0833)	6475179	Ivars, S., Botey, M., Herrero, R., & Staliūnas, K. (2022). Non- Hermitian control of optical turbulence in systems with fractional dispersion. <i>Chaos, solitons and fractals</i> , vol. 165(part 2), p. [1-8]. doi: 10.1016/j.chaos.2022.112774	N 002 (100)	11.2.	VU (2,597)
1040.	VU (1)	6481506	Jakučionis, M., Gaižiūnas, I., Šulskus, J., & Abramavičius, D. (2022). Simulation of ab initio optical absorption spectrum of β- carotene with fully resolved S0 and S2 vibrational normal modes. <i>Journal of physical chemistry A</i> , vol. 126(iss. 2), p. 180-189. doi: 10.1021/acs.jpca.1c06115	N 002 (100)	11.2.	VU (5,203)
1041.	VU (1)	6481590	Jakučionis, M., Žukas, A., & Abramavičius, D. (2022). Modeling molecular J and H aggregates using multiple-Davydov D2 ansatz. <i>Physical chemistry chemical physics</i> , vol. 24(iss. 29), p. 17665- 17672. doi: 10.1039/D2CP00819J	N 002 (100)	11.2.	VU (5,645)
1042.	VU (1)	6481896	Jonauskas, V. (2022). Electron-impact single ionization of the nitrogen atom. <i>Astronomy and astrophysics</i> , vol. 659, p. [1-6]. doi: 10.1051/0004-6361/202141801	N 002 (100)	11.2.	VU (11,891)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1043.	VU (0,0021)	6482084	Juodagalvis, A., Ambrozas, M., Oliveira, A., Rinkevičius, A., & Tamulaitis, G. (2022). Inclusive and differential cross section measurements of single top quark production in association with a Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of high energy physics</i> , vol. 2, p. [1-66]. doi: 10.1007/JHEP02(2022) 107	N 002 (100)	11.2.	VU (0,376)
1044.	VU (0,0021)	6482153	Juodagalvis, A., Ambrozas, M., Oliveira, A., Rinkevičius, A., & Tamulaitis, G. (2022). Measurement and QCD analysis of double-differential inclusive jet cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of high energy physics</i> , vol. 2, p. [1-67]. doi: 10.1007/JHEP02(2022)142	N 002 (100)	11.2.	VU (0,371)
1045.	VU (0,0021)	6482176	Juodagalvis, A., Ambrozas, M., Oliveira, A., Rinkevičius, A., & Tamulaitis, G. (2022). Search for charged-lepton flavor violation in top quark production and decay in pp collisions at $\sqrt{s} = 13$ TeV. <i>Journal of high energy physics</i> , vol. 6, p. [1-43]. doi: 10.1007/JHEP06(2022)082	N 002 (100)	11.2.	VU (0,372)
1046.	VU (0,0021)	6482197	Juodagalvis, A., Ambrozas, M., Oliveira, A., Rinkevičius, A., & Tamulaitis, G. (2022). Search for higgsinos decaying to two Higgs bosons and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of high energy physics</i> , vol. 5, p. [1-65]. doi: 10.1007/JHEP05(2022)014	N 002 (100)	11.2.	VU (0,371)
1047.	VU (0,0021)	6482216	Juodagalvis, A., Ambrozas, M., Rinkevičius, A., Tamulaitis, G., & Vaitkevičius, A. (2022). Measurement of double-parton scattering in inclusive production of four jets with low transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of high energy physics</i> , vol. 1, p. [1-61]. doi: 10.1007/JHEP01(2022) 177	N 002 (100)	11.2.	VU (0,381)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1048.	VU (0,0001)	6482252	Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Fragmentation of jets containing a prompt J/ψ meson in PbPb and pp collisions at $\sqrt{s_{NN}}=5.02\text{TeV}$. <i>Physics letters B</i> , vol. 825, p. [1- 25]. doi: 10.1016/j.physletb.2021.136842	N 002 (100)	11.2.	VU (0,015)
1049.	VU (0,0013)	6482340	Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Measurements of the associated production of a W boson and a charm quark in proton–proton collisions at $\sqrt{s} = 8 \text{ TeV}$. <i>European physical journal C</i> , vol. 82(no. 1), p. [1-37]. doi: 10.1140/epjc/s10052-022-10897-7	N 002 (100)	11.2.	VU (0,193)
1050.	VU (0,0013)	6482412	Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Observation of B_s^0 mesons and measurement of the B_s^0/B^+ yield ratio in PbPb collisions at $\sqrt{s_{NN}} = 5.02 \text{ TeV}$. <i>Physics letters B</i> , vol. 829, p. [1-25]. doi: 10.1016/j.physletb.2022.137062	N 002 (100)	11.2.	VU (0,202)
1051.	VU (0,0001)	6482443	Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2022). Using Z boson events to study parton-medium interactions in Pb-Pb collisions. <i>Physical review letters</i> , vol. 128(no. 12), p. [1-19]. doi: 10.1103/PhysRevLett.128.122301	N 002 (100)	11.2.	VU (0,025)
1052.	VU (0,0017)	6482495	Juodagalvis, A., Rinkevičius, A., Tamulaitis, G., & Vaitkevičius, A. (2022). First search for exclusive diphoton production at high mass with tagged protons in proton-proton collisions at $\sqrt{s} = 13 \text{ TeV}$. <i>Physical review letters</i> , vol. 129(no. 1), p. [1-20]. doi: 10.1103/PhysRevLett.129.011801	N 002 (100)	11.2.	VU (0,468)
1053.	VU (0,0017)	6482675	Juodagalvis, A., Rinkevičius, A., Tamulaitis, G., & Vaitkevičius, A. (2022). Search for low-mass dilepton resonances in Higgs boson decays to four-lepton final states in proton–proton collisions at $\sqrt{s} = 13 \text{ TeV}$. <i>European physical journal C</i> , vol. 82(no. 4), p. [1-28]. doi: 10.1140/epjc/s10052-022-10127-0	N 002 (100)	11.2.	VU (0,263)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1054.	VU (0,0017)	6482695	Juodagalvis, A., Rinkevičius, A., Tamulaitis, G., & Vaitkevičius, A. (2022). Search for strongly interacting massive particles generating trackless jets in proton–proton collisions at $\sqrt{s} = 13$ TeV. <i>European physical journal C</i> , vol. 82(no. 3), p. [1-25]. doi: 10.1140/epjc/s10052-022-10095-5	N 002 (100)	11.2.	VU (0,261)
1055.	VU (0,0714)	6482778	Kandrotaitė, K., Dudoitis, V., Uogintė, I., Strizak, P., Pope, F., & Plauškaitė-Šukienė, K. et al. (2022). Study of the aerosol particle filtration efficiency of fabrics used to manufacture non-medical face masks in Lithuania. <i>Lithuanian journal of physics</i> , vol. 62(iss. 2), p. 101-113. doi: 10.3952/physics.v62i2.4743	N 002 (100)	11.00	VU (–)
1056.	VU (1)	6482951	Karpušienė, R., & Kisieliū, R. (2022). Theoretical level energies and transition data for 4p64d8, 4p54d9 and 4p64d74f configurations of W30+ ion. <i>Atomic data and nuclear data tables</i> , vol. 143, p. [1-25]. doi: 10.1016/j.adt.2021.101478	N 002 (100)	11.2.	VU (6,054)
1057.	VU (0,6)	6483069	Kavaliukė, V., Šalkus, T., Kežionis, A., Pop, M., & Studenyak, I. (2022). Ag3AsS3-As2S3 composite: Detailed impedance spectroscopy study. <i>Solid state ionics</i> , vol. 383, p. [1-5]. doi: 10.1016/j.ssi.2022.115971	N 002 (100)	11.2.	VU (4,32)
1058.	VU (1)	6483213	Kazakevičius, E., Žalga, A., Kavaliukė, V., Daugėla, S., Šalkus, T., & Kežionis, A. (2022). Electrical properties of LLTO thick films. <i>Lithuanian journal of physics</i> , vol. 62(no. 4), p. 292-298. doi: 10.3952/physics.v62i4.4826	N 002 (60), N 003 (40)	11.00	VU (–)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1059.	VU (0,0625)	6483242	Kettle, J., Aghaei, M., Ahmad, S., Fairbrother, A., Irvine, S., & Jacobsson, J. et al. (2022). Review of technology specific degradation in crystalline silicon, cadmium telluride, copper indium gallium selenide, dye sensitised, organic and perovskite solar cells in photovoltaic modules: Understanding how reliability improvements in mature technologies can enhance emerging technologies. <i>Progress in photovoltaics: research and applications</i> , vol. 30(no. 12), p. 1365-1392. doi: 10.1002/pip.3577	N 002 (100)	11.2.	VU (2,331)
1060.	VU (0,8333)	6483421	Klimavičius, V., Klimkevičius, V., Dagys, L., Aidas, K., Makuška, R., & Balevičius, V. (2022). Solid-state NMR study of spin dynamics and local disorder in smart polymers: PDMAEMA. <i>Lithuanian journal of physics</i> , vol. 62(no. 4), p. 243-253. doi: 10.3952/physics.v62i4.4821	N 002 (100)	11.00	VU (–)
1061.	VU (0,8333)	6484897	Kolenda, M., Kadys, A., Malinauskas, T., Radiunas, E., Ritasalo, R., & Tomašiūnas, R. (2022). The importance of nucleation layer for the GaN N-face purity on the annealed Al ₂ O ₃ layers deposited by atomic layer deposition. <i>Materials science & engineering B: advanced functional solid-state materials</i> , vol. 284, p. [1-9]. doi: 10.1016/j.mseb.2022.115850	N 002 (50)	11.2.	VU (3,544)
1062.	VU (0,2059)	6485145	Korzhik, M., Brinkmann, K., Dormenev, V., Follin, M., Houzvicka, J., & Kazlou, D. et al. (2022). Ultrafast PWO scintillator for future high energy physics instrumentation. <i>Nuclear instruments & methods in physics research. Section A - Accelerators, spectrometers, detectors and associated equipment</i> , vol. 1034, p. [1-7]. doi: 10.1016/j.nima.2022.166781	N 002 (50)	11.2.	VU (1,285)
1063.	VU (1)	6485299	Kučas, S., Kynienė, A., Masys, Š., & Jonauskas, V. (2022). Multiple photoionization for the 2p subshell in the iron atom. <i>Monthly notices of the Royal astronomical society</i> , vol. 514(no. 2), p. 1879-1885. doi: 10.1093/mnras/stac1309	N 002 (100)	11.2.	VU (9,304)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1064.	VU (1)	6485391	Kučas, S., Kynienė, A., Masys, Š., & Jonauskas, V. (2022). Multiple photoionization for the 2s subshell in the iron atom. <i>Monthly notices of the Royal astronomical society</i> , vol. 516(iss. 3), p. 3113-3119. doi: 10.1093/mnras/stac2461	N 002 (100)	11.2.	VU (9,304)
1065.	VU (1)	6485402	Kučas, S., Momkauskaitė, A., Kynienė, A., Masys, Š., & Jonauskas, V. (2022). Evaluation of radiative and Auger electron emission following K-shell vacancy creation in iodine. <i>Journal of quantitative spectroscopy and radiative transfer</i> , vol. 288, p. [1- 9]. doi: 10.1016/j.jqsrt.2022.108249	N 002 (100)	11.2.	VU (6,906)
1066.	VU (0,2727)	6485487	Li, J., Zhang, C., Del Zanna, G., Jönsson, P., Godefroid, M., & Gaigalas, G. et al. (2022). Large-scale multiconfiguration Dirac–Hartree–Fock calculations for astrophysics: C-like Ions from OIII to Mg VII. <i>The astrophysical journal supplement series</i> , vol. 260(iss. 2), p. [1-23]. doi: 10.3847/1538-4365/ac63ae	N 002 (100)	11.2.	VU (10,18)
1067.	VU (0,6667)	6485664	Macutkevič, J., Banys, J., & Kania, A. (2022). Electrical conductivity and dielectric relaxation in Ag _{1-x} Li _x NbO ₃ . <i>Crystals</i> , vol. 12(no. 2), p. [1-10]. doi: 10.3390/cryst12020158	N 002 (100)	11.2.	VU (5,06)
1068.	VU (1)	6485707	Maršalka, A., Kalnaitytė, A., Biekša, T., & Bagdonas, S. (2022). The combined effects of ascorbic acid and bovine serum albumin on phototransformations of hematoporphyrin derivative in aqueous medium: absorption and EPR spectroscopy study. <i>Lithuanian journal of physics</i> , vol. 62(no. 1), p. 58-71. doi: 10.3952/physics.v62i1.4698	N 002 (90), N 011 (10)	11.00	VU (–)
1069.	VU (0,1818)	6485788	Mirsanaye, K., Uribe Castaño, L., Kamaliddin, Y., Golaraci, A., Augulis, R., & Kontenis, L. et al. (2022). Machine learning-enabled cancer diagnostics with widefield polarimetric second-harmonic generation microscopy. <i>Scientific reports</i> , vol. 12(iss. 1), p. [1- 14]. doi: 10.1038/s41598-022-13623-1	N 002 (20), N 011 (30)	11.2.	VU (1,557)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1070.	VU (0,0556)	6485817	Mohammadi-Dadkan, M., Amir-Ahmadi, H., Bayat, M., Deltuva, A., Eslami-Kalantari, M., & Golak, J. et al. (2022). Analyzing powers at low nucleon–nucleon relative energies in proton–deuteron breakup reaction. <i>European physical journal A</i> , vol. 58(iss. 9), p. [1-9]. doi: 10.1140/epja/s10050-022-00804-9	N 002 (100)	11.2.	VU (1,388)
1071.	KTU (0,2); VU (0,2)	6485842	Morello, G., Moffa, M., Montinaro, M., Albanese, A., Kazlauskas, K., & Jursenas, S. et al. (2022). Tuneable optical gain and broadband lasing driven in electrospun polymer fibers by high dye concentration. <i>Journal of materials chemistry C</i> , vol. 10(iss. 6), p. 2042-2048. doi: 10.1039/d1tc05089c	N 002 (50)	11.2.	KTU (1,923); VU (1,923)
1072.	KTU (0,3636); VU (0,0909)	6485952	Nagar, M., Choudhury, A., Tavgeniene, D., Beresnevičute, R., Blazevičius, D., & Jankauskas, V. et al. (2022). Solution- processable phenothiazine and phenoxazine substituted fluorene cored nanotextured hole transporting materials for achieving high-efficiency OLEDs. <i>Journal of materials chemistry C</i> , vol. 10 (iss. 9), p. 3593-3608. doi: 10.1039/d1tc05237c	N 002 (20), N 003 (80)	11.2.	KTU (6,993); VU (1,749)
1073.	VU (0,0833)	6485973	Naoi, Y., Iwata, M., Yokota, D., Gaigalas, G., Kato, D., & Murakami, I. et al. (2022). Laser induced breakdown spectroscopy of Er II for transition probability measurements. <i>Applied sciences: Special issue: Laser induced plasma/breakdown spectroscopy</i> , vol. 12(iss. 4), p. [1-8]. doi: 10.3390/app12042219	N 002 (100)	11.2.	VU (1,468)
1074.	VU (0,5556)	6485993	Nargelas, S., Talochka, Y., Vaitkevičius, A., Dosovitskiy, G., Buzanov, O., & Vasil'ev, A. et al. (2022). Influence of matrix composition and its fluctuations on excitation relaxation and emission spectrum of Ce ions in (Gdx Y1-x)3Al2Ga3O12:Ce scintillators. <i>Journal of luminescence</i> , vol. 242, p. [1-11]. doi: 10.1016/j.jlumin.2021.118590	N 002 (50)	11.2.	VU (5,59)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1075.	VU (1)	6486013	Navickas, M., Grigutis, R., Jukna, V., Tamošauskas, G., & Dubietis, A. (2022). Low spatial frequency laser-induced periodic surface structures in fused silica inscribed by widely tunable femtosecond laser pulses. <i>Scientific reports</i> , vol. 12, p. [1-7]. doi: 10.1038/s41598-022-24771-9	N 002 (100)	11.2.	VU (6,472)
1076.	VU (0,8889)	6486075	Nomeika, K., Podlipskas, Ž., Tamošiūnas, V., Jurkevičius, J., Alsamsam, M., & Nargelas, S. et al. (2022). A new method for remote detection of ionizing radiation using transient optical absorption. <i>Nuclear instruments & methods in physics research. Section A: Accelerators, spectrometers, detectors and associated equipmen</i> , vol. 1029, p.[1-5]. doi: 10.1016/j.nima.2022.166408	N 002 (100)	11.2.	VU (6,407)
1077.	VU (1)	6486271	Novičenko, V., Žlabys, G., & Anisimovas, E. (2022). Flow-equation approach to quantum systems driven by an amplitude-modulated time-periodic force. <i>Physical review A</i> , vol. 105(no. 1), p. [1-22]. doi: 10.1103/PhysRevA.105.012203	N 002 (100)	11.2.	VU (7,6)
1078.	VU (0,3333)	6486343	Nowagiel, M., Samsel, M., Kazakevičius, E., Zalewska, A., Kežionis, A., & Pietrzak, T. (2022). Electrochemical performance of highly conductive nanocrystallized glassy alluaudite-type cathode materials for NIBs. <i>Energies</i> , vol. 15(no. 7), p. [1-11]. doi: 10.3390/en15072567	N 002 (100)	11.2.	VU (2,856)
1079.	VU (0,6667)	6486490	Palaimienė, E., Plyushch, A., Macutkevič, J., Banys, J., Talik, E., & Kania, A. (2022). Ferroelectric properties and phase transitions dynamics of Ag _{1-x} Li _x NbO ₃ (x ≤ 0.08) ceramics. <i>Journal of alloys and compounds</i> , vol. 913, p. [1-6]. doi: 10.1016/j.jallcom.2022.165290	N 002 (100)	11.2.	VU (8,53)
1080.	VU (1)	6486577	Palenskis, V., Glemža, J., & Matukas, J. (2022). Generation-recombination noise and other features of doped silicon in a wide temperature range. <i>Lithuanian journal of physics</i> , vol. 62(no. 3), p. 148-160. doi: 10.3952/physics.v62i3.4798	N 002 (100)	11.00	VU (–)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1081.	VU (1)	6494566	Palenskis, V., Matukas, J., Glemža, J., & Pralgauskaitė, S. (2022). Review of low-frequency noise properties of high-power white LEDs during long-term aging. <i>Materials</i> , vol. 15(iss. 1), p. [1-20]. doi: 10.3390/ma15010013	N 002 (100)	11.2.	VU (5,963)
1082.	VU (1)	6494578	Palenskis, V. (2022). Summary of the basic free electron transport characteristics in donor doped silicon. <i>Crystals</i> , vol. 12 (iss. 11), p. [1-12]. doi: 10.3390/cryst12111666	N 002 (100)	11.2.	VU (5,367)
1083.	VU (0,8)	6494588	Pavlov, J., Čeponis, T., Pūkas, K., Makarenko, L., & Gaubas, E. (2022). 5.5 MeV electron irradiation-induced transformation of minority carrier traps in p-type Si and Si1-xGex alloys. <i>Materials</i> , vol. 15(no. 5), p. [1-14]. doi: 10.3390/ma15051861	N 002 (100)	11.2.	VU (6,746)
1084.	VU (0,3333)	6494820	Plyushch, A., Lewin, D., Sokal, A., Grigalaitis, R., Shvartsman, V., & Macutkevič, J. et al. (2022). Magnetoelectric coupling in nonsintered bulk BaTiO3 -- xCoFe2O4 multiferroic composites. <i>Journal of alloys and compounds</i> , vol. 917, p. [1-8]. doi: 10.1016/j.jallcom.2022.165519	N 002 (100)	11.2.	VU (6,744)
1085.	VU (1)	6495026	Polnickaitė-Smirnova, E., Buchovec, I., Bagdonas, S., Sužiedėlienė, E., Ramanavičius, A., & Anusevičius, Ž. (2022). Photoinactivation of Salmonella enterica exposed to 5- aminolevulinic acid: Impact of sensitization conditions and irradiation time. <i>Journal of photochemistry and photobiology B: Biology</i> , vol. 231, p. 1-8]. doi: 10.1016/j.jphotobiol.2022.112446	N 004 (70), N 011 (30)	11.2.	VU (8,918)
1086.	VU (1)	6495176	Radiunas, E., Dapkevičius, M., Raišys, S., & Kazlauskas, K. (2022). Triplet and singlet exciton diffusion in disordered rubrene films: implications for photon upconversion. <i>Physical chemistry chemical physics</i> , vol. 24(iss. 39), p. 24345-24352. doi: 10.1039/D2CP02798D	N 002 (50)	11.2.	VU (2,822)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1087.	VU (1)	6495286	Radžiūtė, L., & Gaigalas, G. (2022). Energy levels and transition properties for As-like ions Se II, Br III, Kr IV, Rb V, and Sr VI. <i>Atomic data and nuclear data tables</i> , vol. 147, p. 1-269. doi: 10.1016/j.adt.2022.101515	N 002 (100)	11.2.	VU (6,054)
1088.	VU (0,7)	6495833	Rudys, S., Balčiūnas, S., Vollinger, C., Banys, J., & Kalendra, V. (2022). Investigation of dielectric and magnetic properties of AL- 800 ferrite. <i>Lithuanian journal of physics</i> , vol. 62(no. 4), p. 277- 281. doi: 10.3952/physics.v62i4.4824	N 002 (100)	11.00	VU (–)
1089.	VU (0,65); VILNIUS TECH (0,35)	6495863	Rudys, S., Laučys, A., Ragulis, P., Aleksiejūnas, R., Stankevičius, K., & Kinka, M. et al. (2022). Hostile UAV detection and neutralization using a UAV system. <i>Drones</i> , vol. 6(iss. 9), p. 1-18. doi: 10.3390/drones6090250	N 002 (10)	11.2.	VU (0,527); VILNIUS TECH (0,284)
1090.	VILNIUS TECH (0,5833); VU (0,4167)	6495934	Rudys, S., Ragulis, P., Laučys, A., Bručas, D., Pomarnacki, R., & Plonis, D. (2022). Investigation of UAV detection by different solid-state marine radars. <i>Electronics</i> , vol. 11(iss. 16), p. 1-15. doi: 10.3390/electronics11162502	N 002 (10)	11.2.	VILNIUS TECH (0,372); VU (0,266)
1091.	VU (0,6)	6496605	Ščajev, P., Miasojedovas, S., Mazuronytė, M., Chang, L., & Chou, M. (2022). Magnesium zinc oxide detectors for fast ultraviolet detection. <i>Journal of applied physics</i> , vol. 132(iss. 14), p. [1-13]. doi: 10.1063/5.0108890	N 002 (50)	11.2.	VU (3,235)
1092.	VU (0,1429)	6496720	Schiffmann, S., Li, J., Ekman, J., Gaigalas, G., Godefroid, M., & Jönsson, P. et al. (2022). Relativistic radial electron density functions and natural orbitals from GRASP2018. <i>Computer physics communications</i> , vol. 278, p. [1-9]. doi: 10.1016/j.cpc. 2022.108403	N 002 (100)	11.2.	VU (4,453)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1093.	KTU (0,4444); VU (0,2222)	6496870	Sereikaite, V., Navaruckiene, A., Jaras, J., Skliutas, E., Ladika, D., & Gray, D. et al. (2022). Functionalized soybean oil- and vanillin- based dual cure photopolymerizable system for light-based 3D structuring. <i>Polymers</i> , vol. 14(iss. 24), p. 1-14. doi: 10.3390/polym14245361	N 002 (30)	11.2.	KTU (2,016); VU (1,008)
1094.	VU (0,8); KTU (0,2)	6496935	Serevičius, T., Skaisgiris, R., Gudeika, D., Kazlauskas, K., & Juršėnas, S. (2022). Conformational disorder enabled emission phenomena in heavily doped TADF films. <i>Physical chemistry chemical physics</i> , vol. 24(iss. 1), p. 313-320. doi: 10.1039/d1cp04905d	N 002 (80)	11.2.	VU (3,613); KTU (0,903)
1095.	KTU (0,5); VU (0,5)	6497043	Sholokhova, A., Ceponkus, J., Šablinskas, V., & Denafas, G. (2022). Abundance and characteristics of microplastics in treated organic wastes of Kaunas and Alytus regional waste management centres, Lithuania. <i>Environmental science and pollution research</i> , vol. 29(iss. 14), p. 20665-20674. doi: 10.1007/s11356-021-17378-6	N 002 (50)	11.2.	KTU (2,062); VU (2,062)
1096.	VU (0,4444)	6497098	Šimėnas, M., Klimavičius, V., Balčiūnas, S., Gagor, A., Pieniazek, A., & Tolborg, K. et al. (2022). Mixology of MA1-XEAXPbI3 hybrid perovskites: phase transitions, cation dynamics, and photoluminescence. <i>Chemistry of materials</i> , vol. 34(no. 22), p. 10104-10112. doi: 10.1021/acs.chemmater.2c02807	N 002 (100)	11.2.	VU (9,93)
1097.	VU (0,5)	6497124	Šimon, B., Jovaišaitė, J., Huang, C., Baronas, P., Tulaitė, K., & Juršėnas, S. et al. (2022). Mechanistic insights into the photoisomerization of N,N'-disubstituted indigos. <i>Chemistry - a European journal</i> , vol. 28(no. 26), p. [1-9]. doi: 10.1002/chem. 202200496	N 002 (50)	11.2.	VU (4,208)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1098.	VU (1)	6497231	Stanionytė, G., Tamulienė, V., Grigonis, R., & Vengelis, J. (2022). Investigation of a widely-tunable subnanosecond BBO-based optical parametric amplifier. <i>Lithuanian journal of physics</i> , vol. 62 (no. 1), p. 10-20. doi: 10.3952/physics.v62i1.4695	N 002 (100)	11.00	VU (–)
1099.	VU (1)	6497245	Stanionytė, G., Vėjalytė, E., Tamulienė, V., Jarutis, V., & Vengelis, J. (2022). Subnanosecond widely-tunable in the visible spectrum range LBO based optical parametric amplifier. <i>Journal of optics</i> , vol. 24(no. 4), p. [1-9]. doi: 10.1088/2040-8986/ac58a2	N 002 (100)	11.2.	VU (6,083)
1100.	VU (0,5556)	6497460	Stocka, J., Platakytė, R., McFadden, T., Čeponkus, J., Aleksa, V., & Hanna, A. et al. (2022). Conformational diversity of 1-chloro-1-chloromethylsilacyclohexane with experimental (Raman and IR) and computational (DFT, MP2) methods. <i>Journal of molecular structure</i> , vol. 1249, p. [1-16]. doi: 10.1016/j.molstruc.2021.131644	N 002 (100)	11.2.	VU (5,337)
1101.	VU (0,0625)	6497580	Šutka, A., Shieh, F., Kinka, M., Lapčinskis, L., Chang, C., & Lam, P. et al. (2022). Triboelectric behaviour of selected MOFs in contact with metals. <i>RSC advances</i> , vol. 13(no. 1), p. 41-46. doi: 10.1039/D2RA06150C	N 002 (100)	11.2.	VU (0,745)
1102.	VU (0,5)	6497715	Talochka, Y., Vasil'ev, A., Korzhik, M., & Tamulaitis, G. (2022). Impact of compositional disorder on electron migration in lutetium–yttrium oxyorthosilicate scintillator. <i>Journal of applied physics</i> , vol. 132(no. 5), p. [1-11]. doi: 10.1063/5.0098905	N 002 (50)	11.2.	VU (2,696)
1103.	VU (0,9167)	6497747	Tamošaitytė, S., Pučetaitė, M., Želvys, A., Varvuolytė, S., Hendrixson, V., & Šablinskas, V. (2022). Raman spectroscopy as a non-destructive tool to determine the chemical composition of urinary sediments. <i>Comptes rendus chimie</i> , vol. 25(no. S1), p. 73-82. doi: 10.5802/crchim.121	N 002 (50)	11.00	VU (–)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1104.	VU (0,5714)	6497850	Tamulaitis, G., Nargelas, S., Korjik, M., Mechinsky, V., Talochka, Y., & Vaitkevičius, A. et al. (2022). Transient optical absorption as a powerful tool for engineering of lead tungstate scintillators towards faster response. <i>Journal of materials chemistry C</i> , vol. 10 (iss. 25), p. 9521-9529. doi: 10.1039/d2tc01450e	N 002 (50)	11.2.	VU (4,758)
1105.	VU (0,6667)	6498359	Tretjak, M., Pralgauskaitė, S., Matukas, J., Plyushch, A., Macutkevič, J., & Banys, J. et al. (2022). Electrical resistivity and microwave properties of carbon fiber felt composites. <i>Materials</i> , vol. 15(no. 23), p. [1-9]. doi: 10.3390/ma15238654	N 002 (100)	11.2.	VU (5,622)
1106.	VU (0,1667)	6498627	Uddin, Z., Abbas, M., Basharat, A., Chaung, Y., Ehsan, Z., & Hamed, H. (2022). Two-color transparency in a hybrid photothermal cavity system. <i>European physical journal plus</i> , vol. 137(no. 8), p. [1-7]. doi: 10.1140/epjp/s13360-022-03127-2	N 002 (100)	11.2.	VU (2,65)
1107.	VU (1)	6498652	Vaičaitis, V., & Tamulienė, V. (2022). Beam-distortion enhanced terahertz radiation generation in air. <i>Results in physics</i> , vol. 42, p. [1-6]. doi: 10.1016/j.rinp.2022.105985	N 002 (100)	11.2.	VU (8,639)
1108.	VU (0,75)	6498671	Vaitkus, J., Moll, M., Kažukauskas, V., & Vertelis, V. (2022). Increase of the photoconductivity quantum yield in silicon irradiated by neutrons to extremely high fluences. <i>Journal of physics D: applied physics</i> , vol. 55, p. [1-8]. doi: 10.1088/1361-6463/ac7f65	N 002 (50)	11.2.	VU (3,442)
1109.	KTU (0,3); VU (0,1)	6498724	Vaitukaityte, D., Truong, M., Rakstys, K., Murdey, R., Funasaki, T., & Yamada, T. et al. (2022). Molecular engineering of enamine- based hole-transporting materials for high-performing perovskite solar cells: influence of the central heteroatom. <i>Solar RRL</i> , vol. 6 (iss. 11), p. 1-8. doi: 10.1002/solr.202200590	N 003 (80)	11.2.	KTU (3,564); VU (1,188)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1110.	VU (0,6)	6498792	Vanskevičė, I., Kazakova, M., Macutkevič, J., Semikolenova, N., & Banys, J. (2022). Dielectric properties of hybrid polyethylene composites containing cobalt nanoparticles and carbon nanotubes. <i>Materials</i> , vol. 15(iss. 5), p. [1-10]. doi: 10.3390/ma15051876	N 002 (100)	11.2.	VU (5,06)
1111.	VU (0,2)	6498835	Veerapandian, V., Popov, M., Mayer, F., Spitaler, J., Svirskas, Š., & Kalendra, V. et al. (2022). Origin of relaxor behavior in barium- titanate-based lead-free perovskites. <i>Advanced electronic materials</i> , vol. 8(no. 2), p. [1-11]. doi: 10.1002/aelm.202100812	N 002 (100)	11.2.	VU (4,378)
1112.	VU (0,0385)	6499099	Watanabe, A., Nakai, S., Sekiguchi, K., Deltuva, A., Goto, S., & Hatanaka, K. et al. (2022). Spin correlation coefficient for proton- He 3 elastic scattering at 100 MeV. <i>Physical review C</i> , vol. 106 (iss. 5), p. [1-9]. doi: 10.1103/PhysRevC.106.054002	N 002 (100)	11.2.	VU (1,409)
1113.	VU (0,1667)	6499154	Wu, L., Jiang, J., Wu, Z., Cheng, Y., Gaigalas, G., & Dong, C. (2022). Energy levels, absorption oscillator strengths, transition probabilities, polarizabilities, and g factors of Ar13+ ions. <i>Physical review. A</i> , vol. 106(iss. 1), p. [1-12]. doi: 10.1103/PhysRevA.106.012810	N 002 (100)	11.2.	VU (2,194)
1114.	VU (1)	6499400	Zamaraitė, I., Rudys, S., Lapinskas, S., Aleksiejūnas, R., Grigalaitis, R., & Banys, J. (2022). Computational electromagnetic analysis of partially-filled rectangular waveguide at X-band frequencies. <i>Nonlinear analysis: modelling and control</i> , vol. 27 (no. 6), p. 1150-1167. doi: 10.15388/namc.2022.27.29533	N 002 (100)	11.2.	VU (7,393)
1115.	KTU (0,3571); VU (0,0714)	6499913	Zhou, S., Daskeviciene, M., Steponaitis, M., Bubniene, G., Jankauskas, V., & Schutt, K. et al. (2022). Low-cost dopant-free carbazole enamine hole-transporting materials for thermally stable perovskite solar cells. <i>Solar RRL</i> , vol. 6(iss. 1), p. 1-11. doi: 10.1002/solr.202100984	N 003 (80)	11.2.	KTU (4,243); VU (0,849)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1116.	VU (1)	6527418	Gaubas, E., Čeponis, T., Rumbauskas, V., Deveikis, L., & Pavlov, J. (2022). <i>European Patent application EP EP22171639.2</i> . European Patent Office.	N 002 (50)	11.00	VU (–)
1117.	VU (0,4)	6527522	Maldžius, R., Sidaravičius, J., Lozovski, T., Backfolk, K., & Heiskanen, I. (2022). <i>European Patent application EP 2150362-8</i> . European Patent Office.	N 002 (100)	11.3.	VU (5,657)
1118.	VU (0,6)	6527554	Tomašiūnas, R., Petruškevičius, R., Bikbajevs, V., Kezys, D., & Kadys, A. (2022). <i>European Patent application EP EP22182212.5</i> . European Patent Office.	N 002 (50)	11.00	VU (–)
1119.	VU (1)	6527613	Tumkevičius, S., Serevičius, T., Fiodorova, I., Adomėnas, P., Skaistgiris, R., & Juršėnas, S. (2022). <i>European Patent application EP EP22182177.0</i> . European Patent Office.	N 002 (30), N 003 (40)	11.00	VU (–)
1120.	VU (1)	6527734	Buožius, D., Motiejūnas, B., Vaičaitis, V., & Tamulienė, V. (2022). Emission of conical THz radiation induced by bichromatic pump X waves in an air plasma. <i>Physical review A</i> , vol. 105(iss. 2), p. [1- 6]. doi: 10.1103/PhysRevA.105.023521	N 002 (100)	11.2.	VU (7,6)
1121.	VU (0,25)	6527745	Ivars, S., Botey, M., Herrero, R., & Staliūnas, K. (2022). Optical turbulence control by non-Hermitian potentials. <i>Physical review A</i> , vol. 105(no. 3), p. [1-6]. doi: 10.1103/PhysRevA.105.033510	N 002 (100)	11.2.	VU (3,291)
1122.	VU (0,6667)	6527757	Dubietis, A., Jukna, V., & Couairon, A. (2022). Supercontinuum in IR–MIR from narrow bandgap bulk solid-state materials. In <i>The supercontinuum laser source: the ultimate white light / ed.: Robert R. Alfano</i> (Chapter 12, p. 457-477). Cham: Springer.	N 002 (100)	11.1.	VU (14,142)
1123.	VU (1)	6527801	Lukšienė, Ž. (2022). LED-based photosensitization – a prospect for visible light-driven nonthermal fresh produce sanitation. In <i>Nonthermal processing in agri-food-bio sciences: sustainability and future goals</i> (chapter 11, p. 409-445). Cham: Springer Cham.	N 002 (50), N 011 (50)	11.1.	VU (26,5)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1124.	VU (1)	6527812	Kažukauskas, V. (2022). Lithuania. In <i>PEARL PV Country Reports 2020: COST Action CA16235 performance and reliability of photovoltaic systems: evaluations of large-scale monitoring data</i> (p. 140-148). Enschede: University of Twente.	N 002 (100)	11.00	VU (–)
1125.	VU (0,125)	6528127	Abid, M., Sayegh, S., Iatsunskyi, I., Coy, E., Lesage, G., & Ramanavičius, A. et al. (2022). Design of halloysite-based nanocomposites by electrospinning for water treatment. <i>Colloids and surfaces : A-physicochemical and engineering aspects</i> , vol. 651 (art. no. 129696), p. [1-12]. doi: 10.1016/j.colsurfa.2022.129696	N 003 (100)	11.2.	VU (1,713)
1126.	VU (1)	6528179	Baublytė, M., Kupčiūnaitė, J., Liubinienė, M., & Beganskienė, A. (2022). Hydrogels – a desirable alternative to water paper restoring procedures: impacting paper properties. <i>Chemija</i> , t. 33 (Nr. 4), p. 136-147. doi: 10.6001/chemija.v33i4.4807	N 003 (100)	11.00	VU (–)
1127.	VU (1)	6528226	Brimas, E., Raudonis, R., & Kareiva, A. (2022). Analytical methods used for the characterisation of specific features of biological tissues related with obesity: A review. <i>Chemija</i> , vol. 33 (no. 4), p. 158-180. doi: 10.6001/chemija.v33i4.4809	N 003 (100)	11.00	VU (–)
1128.	VU (1)	6528237	Dailidė, M., & Tumkevičius, S. (2022). Synthesis of novel 2,4-diamino-6-(arylaminoethyl)thieno[2,3-d]pyrimidines as potential antifolates. <i>Chemija</i> , t. 33 (Nr. 3), p. 97-101. doi: 10.6001/CHEMIJA.V33I3.4752	N 003 (100)	11.00	VU (–)
1129.	VU (1)	6528422	Gabriūnaitė, I., Zolubas, E., & Valiūnienė, A. (2022). Formation of mixed hybrid bilayer lipid membrane on transparent thin film oxide electrodes. <i>Chemija</i> , vol. 33 (no. 4), p. 103-110. doi: 10.6001/chemija.v33i4.4803	N 003 (100)	11.00	VU (–)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1130.	VU (0,3846)	6528489	Grigoravičiūtė-Puronienė, I., Yevchuk, I., Demchyna, O., Zhyhailo, M., Rymsha, K., & Babkina, N. et al. (2022). Proton-conducting organic-inorganic sulfo-containing membranes for fuel cells. <i>Materials science = Medžiagotyra</i> , vol. 28(no. 1), p. 82-88. doi: 10.5755/j02.ms.28440	N 003 (100)	11.00	VU (–)
1131.	VU (1)	6528510	Harnik, A., & Misevičius, M. (2022). Solid-state synthesis and luminescence study of Bi or Eu-doped LiAlGeO ₄ . <i>Chemija</i> , vol. 33 (no. 4), p. 120-126. doi: 10.6001/chemija.v33i4.4805	N 003 (100)	11.00	VU (–)
1132.	VU (1)	6528520	Grigorjevaitė, J., & Katelnikovas, A. (2022). Optical spectroscopy studies of K ₂ Bi(PO ₄)(MoO ₄):20%Yb ³⁺ ,Er ³⁺ phosphors for upconversion applications. <i>Journal of luminescence</i> , vol. 252, p. [1-9]. doi: 10.1016/j.jlumin.2022.119384	N 003 (100)	11.2.	VU (9)
1133.	VU (0,8333)	6529180	Inkrataitė, G., Pakalniškis, A., Pazylbek, S., Vištorskaja, D., Skaudžius, R., & Kareiva, A. (2022). Sol-gel synthesis and characterization of praseodymium-doped and calcium-, titanium- substituted yttrium aluminium garnets Pr:Y _{3-x} CaxAl _{5-y} TiyO ₁₂ . <i>Materials science and engineering B: Solid-state materials for advanced technology</i> , vol. 285, p. [1-13]. doi: 10.1016/j.mseb. 2022.115963	N 002 (50), N 003 (50)	11.2.	VU (7,088)
1134.	VU (1)	6529256	Kavaliauskas, V., Olšauskaitė, V., & Padarauskas, A. (2022). Supramolecular solvents based on quaternary ammonium salts and perfluorinated compounds for dispersive liquid-liquid microextraction of phthalates. <i>Chemija</i> , t. 33(no. 4), p. 148-157. doi: 10.6001/chemija.v33i4.4808	N 003 (100)	11.00	VU (–)
1135.	VU (0,6667); FTMC (0,3333)	6529267	Mačiulis, V., Ramanavičienė, A., & Plikusienė, I. (2022). Recent advances in synthesis and application of metal oxide nanostructures in chemical sensors and biosensors. <i>Nanomaterials</i> , vol. 12(no. 24), p. [1-18]. doi: 10.3390/nano12244413	N 003 (100)	11.2.	VU (5,203); FTMC (2,602)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1136.	VU (0,2222)	6529303	Martinazzoli, L., Nargelas, S., Bohacek, P., Cala, R., Dusek, M., & Rohlicek, J. et al. (2022). Compositional engineering of multicomponent garnet scintillators: towards an ultra-accelerated scintillation response. <i>Materials advances</i> , vol. 3(iss. 17), p. 6842-6852. doi: 10.1039/D2MA00626J	N 002 (50)	11.00	VU (–)
1137.	VU (1)	6529729	Poderytė, M., Ramanavičius, A., & Valiūnienė, A. (2022). Scanning electrochemical microscopy based irreversible destruction of living cells. <i>Biosensors and bioelectronics</i> , vol. 216, p. 683-692. doi: 10.1016/j.bios.2022.114621	N 003 (100)	11.2.	VU (17,855)
1138.	VU (0,0625)	6529807	Sayegh, S., Abid, M., Tanos, F., Cretin, M., Lesage, G., & Zaviska, F. et al. (2022). N-doped TiO ₂ nanotubes synthesized by atomic layer deposition for acetaminophen degradation. <i>Colloids and surfaces A: physicochemical and engineering aspects</i> , vol. 655, p. [1-13]. doi: 10.1016/j.colsurfa.2022.130213	N 003 (100)	11.2.	VU (1,049)
1139.	VU (0,4167)	6529833	Vainoris, M., Nicolenco, A., Tsyntaru, N., Podlaha-Murphy, E., Alcaide, F., & Cesiulis, H. (2022). Electrodeposited Fe on Cu foam as advanced fenton reagent for catalytic mineralization of methyl orange. <i>Frontiers in chemistry</i> , vol. 10, p. 1-18. doi: 10.3389/fchem.2022.977980	N 003 (100)	11.2.	VU (7,062)
1140.	VU (1)	6530112	Žalga, A., Diktanaitė, A., & Gaidamavičienė, G. (2022). Aqueous sol–gel synthesis, thermoanalytical, structural and vibrational studies of lithium aluminium molybdate (LiAlMo ₂ O ₈). <i>Chemija</i> , t. 33(Nr. 4), p. 127-137. doi: 10.6001/chemija.v33i4.4806	N 003 (100)	11.00	VU (–)
1141.	KTU (0,8333); VU (0,1667)	6530323	Kalyk, F., Žalga, A., Vasilias, A., Tamulevičius, T., Tamulevičius, S., & Abakevičienė, B. (2022). Synthesis and electron-beam evaporation of gadolinium-doped ceria thin films. <i>Coatings</i> , vol. 12(iss. 6), p. 1-16. doi: 10.3390/coatings12060747	N 002 (50)	11.2.	KTU (2,531); VU (0,506)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1142.	VU (0,875)	6530503	Virbickas, P., Žižiūnaitė, G., Ramanavičius, A., & Valiūnienė, A. (2022). Prussian blue modified amperometric Hg ²⁺ Ion biosensor based on glucose oxidase inhibition. <i>Electroanalysis, first published online</i> , p. [1-8]. doi: 10.1002/elan.202200230	N 003 (100)	11.2.	VU (5,497)
1143.	VU (0,4)	6530748	Gonzalez-Hernandez, D., Varapnickas, S., Bertoncini, A., Liberale, C., & Malinauskas, M. (2023). Micro-optics 3D printed via multi- photon laser lithography. <i>Advanced optical materials, first on line</i> , p. [1-19]. doi: 10.1002/adom.202201701	N 002 (40)	11.2.	VU (3,128)
1144.	VILNIUS TECH (1)	6534048	Goštautaitė, D., & Sakalauskas, L. (2022). Multi-label classification and explanation methods for students' learning style prediction and interpretation. <i>Applied sciences</i> , vol. 12(iss. 11), p. 1-20. doi: 10.3390/app12115396	N 009 (60)	11.2.	VILNIUS TECH (3,187)
1145.	VILNIUS TECH (1)	6535657	Margienė, A., Ramanauskaitė, S., Nugaras, J., & Stefanovič, P. (2022). Automated transformation from competency list to tree: Way to competency-based adaptive knowledge e-evaluation. <i>Applied sciences: Data Analytics and Machine Learning in Education</i> , vol. 12(iss. 3), p. 1-15. doi: 10.3390/app12031582	N 009 (30)	11.2.	VILNIUS TECH (1,593)
1146.	LKA (0,75); VILNIUS TECH (0,25)	6537880	Vasiliauskienė, V., & Vasilis Vasiliauskas, A. (2022). A case study on the assessment of chemical and physical pollution levels during the copying process. <i>Sustainability: Job Design for Human and Organisational Sustainability in the Context of Emerging Technologies</i> , Vol. 14(Iss. 3), pp. 1-12. doi: 10.3390/su14031287	N 002 (50)	11.2.	LKA (2,437); VILNIUS TECH (0,812)
1147.	VU (1)	6539525	Domarkienė, I., Mažeikienė, A., Petrauskaitė, G., Kučinskienė, Z., & Kučinskas, V. (2022). New associations of serum beta- carotene, lycopene, and zeaxanthin concentrations with NR1H3, APOB, RDH12, AND CYP genes. <i>Food science & nutrition</i> , vol. 10 (no. 3), p. 763-771. doi: 10.1002/fsn3.2705	N 004 (20), N 010 (50)	11.2.	VU (5,005)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1148.	VU (1)	6542400	Ginevičienė, V., & Urnikytė, A. (2022). Association of COL12A1 rs970547 polymorphism with elite athlete status. <i>Biomedicines</i> , vol. 10(iss. 10), p. [1-8]. doi: 10.3390/biomedicines10102495	N 010 (50)	11.2.	VU (4,13)
1149.	VU (0,3333); VUL SK (0,1667)	6546471	Kubiliūtė, R., Žukauskaitė, K., Žalimas, A., Ulys, A., Sabaliauskaitė, R., & Bakavičius, A. et al. (2022). Clinical significance of novel DNA methylation biomarkers for renal clear cell carcinoma. <i>Journal of cancer research and clinical oncology</i> , vol. 148, p. 361-375. doi: 10.1007/s00432-021-03837-7	N 010 (60)	11.2.	VU (1,284); VUL SK (0,642)
1150.	VU (0,0588)	6546614	Spina, L., Magrini, L., Sacco, G., Casali, G., Vallenari, A., & Tautvaišienė, G. et al. (2022). The Gaia -ESO Survey: Chemical tagging in the thin disk: Open clusters blindly recovered in the elemental abundance space. <i>Astronomy and astrophysics</i> , vol. 668, p. [1-20]. doi: 10.1051/0004-6361/202243316	N 008 (100)	11.2.	VU (2,32)
1151.	VU (0,025)	6546666	Francosini, E., Randich, S., De Laverny, P., Biazzo, K., Feuillet, D., & Frasca, A. et al. (2022). The Gaia -ESO Survey: Lithium measurements and new curves of growth. <i>Astronomy and astrophysics</i> , vol. 668, p. [1-15]. doi: 10.1051/0004-6361/202244854	N 008 (100)	11.2.	VU (1,601)
1152.	VU (0,0588)	6546714	Dantas, M., Guiglion, G., Smiljanic, R., Romano, D., Magrini, L., & Bensby, T. et al. (2022). The Gaia -ESO Survey: Probing the lithium abundances in old metal-rich dwarf stars in the solar vicinity. <i>Astronomy and astrophysics</i> , vol. 668, p. [1-7]. doi: 10.1051/0004-6361/202245230	N 008 (100)	11.2.	VU (2,522)
1153.	VU (0,25)	6546749	Zinchenko, I., & Pilyugin, L. (2022). Chemical abundances in the dwarf galaxy NGC 4163 based on the nebular and auroral emission lines. <i>Astronomische Nachrichten</i> , vol. 343(iss. 9-10), p. [1-12]. doi: 10.1002/asna.20220048	N 008 (100)	11.00	VU (–)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1154.	VU (0,05)	6546778	Jukna, V., Albert, S., Millon, C., Mahieu, B., Guillermin, R., & Rabau, G. et al. (2022). Control of the acoustic waves generated by intense laser filamentation in water. <i>Optics express</i> , vol. 30 (iss. 6), p. 9103-9111. doi: 10.1364/OE.453749	N 002 (100)	11.2.	VU (1,05)
1155.	VU (1)	6546822	Stonytė, D., Jukna, V., & Paipulas, D. (2022). Direct laser ablation of glasses with low surface roughness using femtosecond UV laser pulses. <i>Journal of laser micro/nanoengineering</i> , vol. 17(iss. 2), p. 121-126. doi: 10.2961/jlmn.2022.02.2008	N 002 (100)	11.00	VU (–)
1156.	VU (0,2143)	6546874	Rimkus, L., Stasevičius, I., Barkauskas, M., Giniūnas, L., Barkauskas, V., & Butkus, S. et al. (2022). Compact high-flux X- ray source based on irradiation of solid targets by gigahertz and megahertz bursts of femtosecond laser pulses. <i>Optics continuum</i> , vol. 1(iss. 8), p. 1819-1836. doi: 10.1364/OPTCON.463291	N 002 (100)	11.00	VU (–)
1157.	VU (1)	6546959	Momgaudis, B., Vengris, M., & Melninkaitis, A. (2022). Time- resolved holographic study of laser-induced fatigue in bulk of sapphire and fused silica. <i>Optics continuum</i> , vol. 1(iss. 4), p. 759- 771. doi: 10.1364/OPTCON.453503	N 002 (100)	11.00	VU (–)
1158.	VILNIUS TECH (0,0019); VU (0,0019)	6547499	Liakina, V., Blach, S., Terrault, N., Tacke, F., Gamkrelidze, I., & Craxi, A. et al. (2022). Global change in hepatitis C virus prevalence and cascade of care between 2015 and 2020: a modelling study. <i>Lancet gastroenterology & hepatology</i> , vol. 7 (iss. 5), p. 396-415. doi: 10.1016/S2468-1253(21)00472-6	N 004 (10)	11.2.	VILNIUS TECH (0,012); VU (0,012)
1159.	VU (0,9375); VUL SK (0,3541); VILNIUS TECH (0,0416)	6547776	Liakina, V., Stundienė, I., Milaknytė, G., Bytautienė, R., Reivytytė, R., & Purnaitė, R. et al. (2022). Effects of COVID-19 on the liver: The experience of a single center. <i>World journal of gastroenterology</i> , vol. 28(iss. 39), p. 5658-5783. doi: 10.3748/wjg.v28.i39.5735	N 004 (30)	11.2.	VU (1,928); VUL SK (–); VILNIUS TECH (0,086)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1160.	VU (0,0769)	6548088	Maixner, F., Mitterer, C., Jäger, H., Sarhan, M., Valverde, G., & Lückner, S. et al. (2022). Linear polyacrylamide is highly efficient in precipitating and purifying environmental and ancient DNA. <i>Methods in ecology and evolution</i> , vol. 13(no. 3), p. 653-667. doi: 10.1111/2041-210X.13772	N 012 (90)	11.2.	VU (2,143)
1161.	KTU (0,5); LEI (0,5)	6555559	Barauskienė, I., Valatka, E., Varnagiris, Š., & Urbonavičius, M. (2022). Copper-cobalt oxides on FTO substrate for electrocatalytic and pseudocapacitive applications. <i>Electrocatalysis</i> , vol. 13(iss. 3), p. 317-327. doi: 10.1007/s12678-022-00720-y	N 003 (50)	11.2.	KTU (1,239); LEI (1,239)
1162.	LSMU (0,6); LEI (0,4)	6555651	Giedraitienė, A., Ružauskas, M., Šiugždinienė, R., Tučkutė, S., & Milčius, D. (2022). Antimicrobial Properties of CuO Particles Deposited on a Medical Mask. <i>Materials</i> , vol. 15(iss. 22), p. 1-14. doi: 10.3390/ma15227896	N 010 (60)	11.2.	LSMU (2,147); LEI (1,431)
1163.	LEI (0,6667); KTU (0,3333)	6561177	Jaseliūnaitė, J., Povilaitis, M., & Galdikas, A. (2022). Kinetic modeling of grain boundary diffusion: typical, bi-modal, and semi-lamellar polycrystalline coating morphologies. <i>Coatings</i> , vol. 12(iss. 7), p. 1-17. doi: 10.3390/coatings12070992	N 002 (20)	11.2.	LEI (0,81); KTU (0,405)
1164.	VU (0,875)	6561275	Jansonas, G., Budriūnas, R., Vengris, M., & Varanavičius, A. (2022). Interferometric measurements of nonlinear refractive index in the infrared spectral range. <i>Optics express</i> , vol. 30(iss. 17), p. 30507-30524. doi: 10.1364/OE.458850	N 002 (100)	11.2.	VU (11,618)
1165.	VU (0,5)	6561287	Budriūnas, R., Jurkus, K., Vengris, M., & Varanavičius, A. (2022). Long seed, short pump: converting Yb-doped laser radiation to multi-μJ few-cycle pulses tunable through 2.5–15 μm. <i>Optics express</i> , vol. 30(iss. 8), p. 13009-13023. doi: 10.1364/OE.455180	N 002 (100)	11.2.	VU (6,639)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
1166.	VU (1)	6561299	Valiulis, G., & Varanavičius, A. (2022). Numerical study of absorption-enhanced parametric amplification. <i>Optics express</i> , vol. 30(iss. 9), p. 15073-15084. doi: 10.1364/OE.456019	N 002 (100)	11.2.	VU (9,389)
1167.	VU (0,0833)	6561309	Karunendiran, A., Mirsanaye, K., Stewart, B., & Barzda, V. (2022). Second harmonic generation properties in chiral sarcomeres of Drosophila larval muscles. <i>Frontiers in physics</i> , vol. 10, p. [1-8]. doi: 10.3389/fphy.2022.758709	N 002 (100)	11.2.	VU (1,382)
1168.	VU (1)	6562344	Urnikytė, A., Pranckėnienė, L., Domarkienė, I., Dauengauer- Kirlienė, S., Molytė, A., & Matulevičienė, A. et al. (2022). Inherited and de novo variation in Lithuanian genomes: introduction to the analysis of the generational shift. <i>Genes</i> , vol. 13(iss. 4), p. [1-12]. doi: 10.3390/genes13040569	N 010 (70)	11.2.	VU (5,483)
1169.	LSMU (0,5); MRU (0,25); VU (0,25)	6563031	Vilkickytė, G., Motiekaitytė, V., Vainorienė, R., & Raudonė, L. (2022). Promising cultivars and intraspecific taxa of lingonberries (<i>Vaccinium vitis-idaea</i> L.): Profiling of phenolics and triterpenoids. <i>Journal of Food Composition and Analysis</i> , vol. 114, p. 1-10. doi: 10.1016/j.jfca.2022.104796	N 003 (30), N 012 (20)	11.2.	LSMU (1,85); MRU (0,925); VU (0,925)
1170.	KTU (0,4167); LEI (0,4167)	6563344	Bastakys, L., Marcinauskas, L., Milieška, M., Grigaliūnas, M., Matkovič, S., & Aikas, M. (2022). Tribological properties of chromia and chromia composite coatings deposited by plasma spraying. <i>Coatings</i> , vol. 12(iss. 7), p. 1-9. doi: 10.3390/coatings12071035	N 002 (50)	11.2.	KTU (1,79); LEI (1,79)
1171.	GTC (0,75); VU (0,25)	6563759	Ščiukaitė, A., Ložienė, K., Labokas, J., & Jurkonienė, S. (2022). Contents of some bioactive compounds in Norway spruce needles as affected by short-term storage at different conditions and implications for their industrial use. <i>Industrial crops and products</i> , vol. 182, p. 1-11. doi: 10.1016/j.indcrop.2022.114919	N 010 (30), N 013 (70)	11.2.	GTC (9,908); VU (3,303)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1172.	LKA (0,8333); VU (0,1667)	6563934	Bekešienė, S., Navickienė, O., & Kanapeckaitė, R. (2022). Modelling a cause-and-effect relationship of resilience promotion by fuzzy DEMATEL-trapezoidal structure. <i>Proceedings of the 12th International Defense and Homeland Security Simulation Workshop (DHSS 2022) : 19th International Multidisciplinary Modeling & Simulation Multiconference: 12th International Defense and Homeland Security Simulation Workshop, DHSS 2022</i> , pp. 1-10. doi: 10.46354/i3m.2022.dhss.001	N 001 (50)	11.00	LKA (-); VU (-)
1173.	VU (0,5)	6564970	Karčiauskas, K., & Peters, J. (2022). Point-augmented bi-cubic subdivision surfaces. <i>Computer graphics forum</i> , vol. 41(no. 7), p. 1-11. doi: 10.1111/cgf.14653	N 001 (50), N 009 (50)	11.2.	VU (4,852)
1174.	VU (1)	6565507	Otera, D. (2022). A note on stabilisations of manifolds. <i>Quaestiones mathematicae</i> , vol. 45(iss. 11), p. 1699-1705. doi: 10.2989/16073606.2021.1969463	N 001 (100)	11.2.	VU (5,769)
1175.	VU (0,75)	6565773	Rutkūnas, V., Gedrimienė, A., Jacobs, R., & Malinauskas, M. (2021). Comparison of conventional and digital workflows for implant-supported screw-retained zirconia FPD bars: Fit and cement gap evaluation using SEM analysis. <i>International journal of oral implantology</i> , vol. 14(iss. 2), p. 199-210.	N 002 (20)	11.2.	VU (2,111)
1176.	VU (0,3333)	6565906	Kąkol, K., Korvel, G., & Kostek, B. (2022). Noise profiling for speech enhancement employing machine learning models. <i>Journal of the Acoustical Society of America</i> , vol. 152(iss. 6), p. 3595-3605. doi: 10.1121/10.0016495	N 009 (50)	11.2.	VU (2,344)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
1177.	VU (0,2)	6566101	Iliasov, A., Laibinis, L., Taylor, D., Lopatkin, I., & Romanovsky, A. (2022). Safety invariant verification that meets engineers' expectations. <i>Reliability, safety, and security of railway systems. Modelling, analysis, verification, and certification: 4th international conference, RSSRail 2022, Paris, France, June 1–2, 2022 : proceedings/ editors: Simon Collart-Dutilleul, Anne E. Haxthausen, Thierry Lecomte</i> , p. 20-31. doi: 10.1007/978-3-031- 05814-1	N 009 (100)	11.00	VU (–)
1178.	VU (0,875); GTC (0,125)	6566295	Balakauskas, L., Gaižutytė, J., Valskys, V., & Vaikutienė, G. (2022). Analysis of pollen across the surface sediments of lake Imbradas, Lithuania. <i>Quaternary research</i> , vol. 106, p. 113-128. doi: 10.1017/qua.2021.51	N 006 (100)	11.2.	VU (–); GTC (0,72)
1179.	VU (1)	6566503	Budvytė, R., Ambrulevičius, F., Jankaitytė, E., & Valinčius, G. (2022). Electrochemical assessment of dielectric damage to phospholipid bilayers by amyloid β -Oligomers. <i>Bioelectrochemistry</i> , vol. 145, p. [1-12]. doi: 10.1016/j.bioelechem.2022.108091	N 004 (50), N 011 (50)	11.2.	VU (8,602)
1180.	VU (0,4286); VILNIUS TECH (0,2857)	6566547	Čeksterytė, V., Treigytė, G., Matuzevičius, D., Jaškūnė, K., Navakauskas, D., & Kurtinaitienė, B. et al. (2022). Comparative proteomic profile in bee- and manually-collected Taraxacum officinale pollen. <i>Journal of Apicultural Research</i> , vol. 61(iss. 4), p. 543-556. doi: 10.1080/00218839.2021.1969819	N 004 (30)	11.2.	VU (–); VILNIUS TECH (0,667)
1181.	KTU (0,3571); LEI (0,2857)	6566789	Ramanauskas, R., Iljinis, A., Marcinauskas, L., Milieška, M., Kavaliauskas, Ž., & Gecevičius, G. et al. (2022). Deposition and application of indium-tin-oxide films for defrosting windscreens. <i>Coatings</i> , vol. 12(iss. 5), p. 1-13. doi: 10.3390/coatings12050670	N 002 (40)	11.2.	KTU (0,868); LEI (0,694)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
1182.	LEI (0,9167); KTU (0,0833)	6566808	Šuopys, A., Grigaitienė, V., Marcinauskas, L., Kėželis, R., Uscila, R., & Aikas, M. (2022). Influence of plasma torch power on the plasma jet properties and microstructure of alumina coatings. <i>Coatings</i> , vol. 12(iss. 7), p. 1-12. doi: 10.3390/coatings12070934	N 002 (20)	11.2.	LEI (1,114); KTU (0,101)
1183.	LEI (1)	6567139	Navakas, R., Džiugys, A., Misiulis, E., & Skarbalius, G. (2022). Identification of collective particle motion in a rotating drum using a graph community detection algorithm. <i>Mathematical Methods in the Applied Sciences</i> , vol. 45(iss. 15), p. 8864-8875. doi: 10.1002/mma.v45.15	N 001 (70)	11.2.	LEI (8,505)
1184.	GTC (0,5); VU (0,5)	6568327	Clarke, A., Rimgailė-Voicik, R., Paškauskas, R., & Mažeika, J. (2022). $\delta^{13}\text{C}$ in above-ground and below-ground organs of <i>Spinulum annotinum</i> (Lycopodiaceae). <i>Flora</i> , vol. 294, p. 1-11. doi: 10.1016/j.flora.2022.152119	N 012 (50), N 013 (50)	11.2.	GTC (2,612); VU (2,612)
1185.	VU (0,05)	6568364	Cuomo-Haymour, N., Bergamini, G., Russo, G., Kulic, L., Knuesel, I., & Martin, R. et al. (2022). Differential expression of serum extracellular vesicle miRNAs in multiple sclerosis: disease-stage specificity and relevance to pathophysiology. <i>International journal of molecular sciences</i> , vol. 23(no. 3), p. 115-127. doi: 10.3390/ijms23031664	N 010 (100)	11.2.	VU (1,17)
1186.	VU (0,05)	6568401	Cuomo-Haymour, N., Sigrist, H., Ineichen, C., Russo, G., Nüesch, U., & Gantenbein, F. et al. (2022). Evidence for effects of extracellular vesicles on physical, inflammatory, transcriptome and reward behaviour status in mice. <i>International journal of molecular sciences</i> , vol. 23(no. 3), p. 195-208. doi: 10.3390/ijms23031028	N 010 (100)	11.2.	VU (1,013)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1187.	VU (0,0625)	6568429	Eslami-Mossallam, B., Klein, M., Smagt, C., Sanden, K., Jones Jr, S., & Hawkins, J. et al. (2022). A kinetic model predicts SpCas9 activity, improves off-target classification, and reveals the physical basis of targeting fidelity. <i>Nature communications</i> , vol. 13(no. 1), p. 347-350. doi: 10.1038/s41467-022-28994-2	N 010 (100)	11.2.	VU (2,777)
1188.	VU (0,0667)	6568461	Gindraux, F., Hofmann, N., Agudo-Barriuso, M., Antica, M., Couto, P., & Dubus, M. et al. (2022). Perinatal derivatives application: Identifying possibilities for clinical use. <i>Frontiers in bioengineering and biotechnology</i> , vol. 10, p. 1-20. doi: 10.3389/fbioe.2022.977590	N 004 (100)	11.2.	VU (2,011)
1189.	VU (0,25)	6568504	Imklin, N., Chaengphaniad, P., Šimoliūnas, E., & Nasanit, R. (2022). A novel Staphylococcus phage, vB_Sau-RP15, and its application in contaminated milk. <i>Letters in applied microbiology, first published online</i> , p. [1-9]. doi: 10.1093/lambio/ovac003	N 004 (50), N 010 (50)	11.2.	VU (1,778)
1190.	VU (1)	6568932	Koplūnaitė, M., Butkutė, K., Špelveris, D., Urbelienė, N., & Meškys, R. (2022). Enzymatic synthesis of modified nucleoside 5'-monophosphates. <i>Catalysts</i> , vol. 12(no. 11), p. [1-20]. doi: 10.3390/catal12111401	N 004 (100)	11.2.	VU (5,64)
1191.	VU (0,0385)	6569250	Mikšys, A., Fu, L., Madej, M., Guerreiro, D., Kaltwasser, S., & Conway, M. et al. (2022). Molecular insights into intra-complex signal transmission during stressosome activation. <i>Communications biology</i> , vol. 5(iss. 1), p. [1-12]. doi: 10.1038/s42003-022-03549-9	N 004 (50), N 011 (50)	11.2.	VU (1,138)
1192.	VU (1)	6569282	Misevičienė, L., Krikštopaitis, K., & Čėnas, N. (2022). The comparative study of redox properties of recombinant human cytosolic and mitochondrial NADPH:thioredoxin reductases. <i>Chemija</i> , t. 33(Nr. 2), p. 40-45. doi: 10.6001/chemija.v33i2.4707	N 004 (70), N 011 (30)	11.00	VU (–)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1193.	VU (0,6667)	6569501	Petkevičius, V., Vaitekūnas, J., Sadauskas, M., Schultes, F., Tischler, D., & Meškys, R. (2022). The versatility of non-heme diiron monooxygenase PmlABCDEF: a single biocatalyst for a plethora of oxygenation reactions. <i>Catalysis science & technology</i> , vol. 12(no. 24), p. 7293-7307. doi: 10.1039/D2CY01167K	N 004 (100)	11.2.	VU (6,285)
1194.	VU (0,0227)	6569734	Pfirschke, C., Žilionis, R., Engblom, C., Messemaker, M., Zou, A., & Rickelt, S. et al. (2022). Macrophage-targeted therapy unlocks antitumoral cross-talk between IFNγ-secreting lymphocytes and IL12-producing dendritic cells. <i>Cancer immunology research</i> , vol. 10(iss. 1), p. 40-55. doi: 10.1158/2326-6066.CIR-21-0326	N 004 (40), N 010 (30)	11.2.	VU (0,688)
1195.	VU (0,9)	6569796	Plakys, G., Gasparavičiūtė, R., Vaitekūnas, J., Rutkienė, R., & Meškys, R. (2022). Characterization of Paenibacillus sp. GKG endo-β-1, 3-glucanase, a member of family 81 glycoside hydrolases. <i>Microorganisms</i> , vol. 10(iss. 10), p. [1-16]. doi: 10.3390/microorganisms10101930	N 004 (50)	11.2.	VU (4,853)
1196.	GTC (0,875); VILNIUS TECH (0,125)	6570063	Aleknavičius, D., Lukša, J., Strazdaitė Žielienė, Ž., & Servienė, E. (2022). The bacterial microbiota of edible insects Acheta domesticus and Gryllus assimilis revealed by high content analysis. <i>Foods</i> , vol. 11(iss. 8), p. 1-17. doi: 10.3390/foods11081073	N 010 (60), N 012 (30)	11.2.	GTC (6,984); VILNIUS TECH (0,998)
1197.	VU (0,7143)	6570099	Rinkūnaitė, I., Šimoliūnas, E., Alksnė, M., Bartkutė, G., Labeit, S., & Bukelskienė, V. et al. (2022). Genetic ablation of Ankrd1 mitigates cardiac damage during experimental autoimmune myocarditis in mice. <i>Biomolecules</i> , vol. 12(iss. 12), p. [1-17]. doi: 10.3390/biom12121898	N 004 (50), N 010 (50)	11.2.	VU (12,18)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1198.	VU (1)	6570153	Stakelienė, V., & Pašakinskienė, I. (2022). Fluorescent in situ hybridisation in plants: new way to link DNA sequences resources and chromosome loci - a review. <i>Žemdirbystė=Agriculture</i> , vol. 109(no. 2), p. 171-178. doi: 10.13080/z-a.2022.109.022	N 010 (100)	11.00	VU (–)
1199.	VILNIUS TECH (1)	6570325	Atliha, V., & Šešok, D. (2022). Image-captioning model compression. <i>Applied sciences</i> , vol. 12(iss. 3), p. 1-14. doi: 10.3390/app12031638	N 009 (50)	11.2.	VILNIUS TECH (2,656)
1200.	VILNIUS TECH (0,75)	6570405	Baltrėnas, P., Crivellini, A., Leonavičienė, T., & Chlebnikovas, A. (2022). Investigation on particulate matter and gas motion processes in the advanced multi-channel cyclone-separator with secondary gas inlets. <i>Environmental engineering research</i> , vol. 27(iss. 1), p. 1-13. doi: 10.4491/eer.2020.550	N 001 (50)	11.2.	VILNIUS TECH (2,936)
1201.	VU (0,5)	6575746	Jasinavičiūtė, A., & Veteikis, D. (2022). Assessing landscape instability through land-cover change based on the hemeroby index (Lithuanian example). <i>Land</i> , vol. 11(no. 7), p. [1-18]. doi: 10.3390/land11071056	N 006 (100)	11.2.	VU (3,676)
1202.	GTC (0,875); VU (0,125)	6577322	Palinauskas, V., Žiegytė, R., Šengaut, J., & Bernotienė, R. (2022). Experimental study on primary bird co-infection with two Plasmodium relictum lineages-pSGS1 and pGRW11. <i>Animals</i> , vol. 12(iss. 15), p. 1-11. doi: 10.3390/ani12151879	N 012 (20), N 014 (80)	11.2.	GTC (9,715); VU (1,388)
1203.	VU (0,1667)	6577334	Sofiev, M., Sofieva, S., Palamarchuk, J., Šaulienė, I., Kadantsev, E., & Atanasova, N. et al. (2022). Bioaerosols in the atmosphere at two sites in Northern Europe in spring 2021: Outline of an experimental campaign. <i>Environmental research</i> , vol. 214(part 2), p. [1-20]. doi: 10.1016/j.envres.2022.113798	N 012 (100)	11.2.	VU (4,1)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1204.	VU (0,1111)	6577777	Kapustina, Ž., Medžiūnė, J., Alzbutas, G., Rokaitis, I., Matjošaitis, K., & Mackevičius, G. et al. (2021). High- resolution microbiome analysis enabled by linking of 16S rRNA gene sequences with adjacent genomic contexts. <i>Microbial genomics</i> , vol. 7(iss. 9), p. [1-16]. doi: 10.1099/mgen.0.000624	N 003 (50), N 004 (50)	11.2.	VU (1,498)
1205.	VU (0,0625)	6577833	Pausch, P., Soczek, K., Herbst, D., Tsuchida, C., Al-Shayeb, B., & Banfield, J. et al. (2021). DNA interference states of the hypercompact CRISPR–CasΦ effector. <i>Nature structural & molecular biology</i> , vol. 28(iss. 8), p. 652-661. doi: 10.1038/s41594-021-00632-3	N 004 (100)	11.2.	VU (2,972)
1206.	VU (0,5)	6578042	Šen, E., & Štikonas, A. (2022). Computation of eigenvalues and eigenfunctions of a non-local boundary value problem with retarded argument. <i>Complex variables and elliptic equations</i> , vol. 67(no. 7), p. 1662-1676. doi: 10.1080/17476933.2021.1890054	N 001 (100)	11.2.	VU (4,841)
1207.	VU (1)	6578052	Norvaiša, R., & Kilienė, I. (2022). Solving word problems with reasoned judgement. <i>Lithuanian mathematical journal</i> , vol. 62, p. 467-480. doi: 10.1007/s10986-022-09580-x	N 001 (100)	11.2.	VU (4,154)
1208.	VU (1)	6578067	Čekanavičius, V., & Liaudanskaitė, G. (2022). Compound Poisson approximations to sums of extrema of Bernoulli variables. <i>Lithuanian mathematical journal</i> , vol. 62(no.4), p. 481-499. doi: 10.1007/s10986-022-09571-y	N 001 (100)	11.2.	VU (4,154)
1209.	VU (1)	6578077	Abramavičius, D., & Jakučionis, M. (2021). Temperature- controlled open-quantum-system dynamics using a time- dependent variational method. <i>Physical review A</i> , vol. 103(no. 3), p. [1-6]. doi: 10.1103/PhysRevA.103.032202	N 002 (100)	11.2.	VU (7,6)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1210.	VU (0,0021)	6578087	Ambrozas, M., Juodagalvis, A., Rinkevičius, A., Tamulaitis, G., & Vaitkevičius, A. (2021). Performance of the CMS muon trigger system in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Journal of instrumentation</i> , vol. 16(no. 7), p. [1-54]. doi: 10.1088/1748-0221/16/07/P07001	N 002 (100)	11.2.	VU (0,145)
1211.	VU (0,0021)	6578100	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2021). Measurement of the electroweak production of $Z\gamma$ and two jets in proton-proton collisions at $\sqrt{s}=13$ TeV and constraints on anomalous quartic gauge couplings. <i>Physical review D</i> , vol. 104(no. 7), p. [1-29]. doi: 10.1103/PhysRevD.104.072001	N 002 (100)	11.2.	VU (0,331)
1212.	VU (0,0021)	6578113	Ambrozas, M., Oliveira, A., Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2021). Measurement of the top quark mass using events with a single reconstructed top quark in pp collisions at $\sqrt{s}=13$ TeV. <i>Journal of high energy physics</i> , vol. 12, p. [1-57]. doi: 10.1007/JHEP12(2021)161	N 002 (100)	11.2.	VU (0,374)
1213.	VU (1)	6578126	Bubilaitis, V., Rancova, O., & Abramavičius, D. (2021). Vibration-mediated energy transport in bacterial reaction center: simulation study. <i>Journal of chemical physics</i> , vol. 154(no. 21), p. 1-17. doi: 10.1063/5.0048815	N 002 (100)	11.2.	VU (6,86)
1214.	VU (0,0055)	6578137	Juodagalvis, A. (2021). Performance of a triple-GEM demonstrator in pp collisions at the CMS detector. <i>Journal of instrumentation</i> , vol. 16(iss. 11), p. [1-11]. doi: 10.1088/1748-0221/16/11/P11014	N 002 (100)	11.2.	VU (0,149)
1215.	VU (0,0012)	6578162	Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2021). Hard color-singlet exchange in dijet events in proton-proton collisions at $\sqrt{s}=13$ TeV. <i>Physical review D</i> , vol. 104(no. 3), p. [1-35]. doi: 10.1103/PhysRevD.104.032009	N 002 (100)	11.2.	VU (0,202)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
1216.	VILNIUS TECH (1)	6578182	Bugajev, A., Kriauzienė, R., Vasilecas, O., & Chadyšas, V. (2022). The impact of churn labelling rules on churn prediction in telecommunications. <i>Informatica</i> , vol. 33(iss. 2), p. 247-277. doi: 10.15388/22-INFOR484	N 001 (40), N 009 (30)	11.2.	VILNIUS TECH (7,042)
1217.	VU (0,0013)	6578197	Juodagalvis, A., Rinkevičius, A., & Tamulaitis, G. (2021). Measurements of angular distance and momentum ratio distributions in three-jet and Z + two-jet final states in pp collisions. <i>European physical journal C</i> , vol. 81(no. 9), p. [1-27]. doi: 10.1140/epjc/s10052-021-09570-2	N 002 (100)	11.2.	VU (0,196)
1218.	VU (0,0294)	6578235	Przewłoka, A., Smirnov, S., Nefedova, I., Krajewska, A., Nefedov, I., & Demchenko, P. et al. (2021). Characterization of silver nanowire layers in the terahertz frequency range. <i>Materials</i> , vol. 14(iss. 23), p. [1-12]. doi: 10.3390/ma14237399	N 002 (100)	11.2.	VU (0,496)
1219.	VU (0,1429)	6578262	Song, Y., Sechrist, R., Nguyen, H., Johnson, W., Abramavičius, D., & Redding, K. et al. (2021). Excitonic structure and charge separation in the heliobacterial reaction center probed by multispectral multidimensional spectroscopy. <i>Nature communications</i> , vol. 12(iss. 1), p. [1-8]. doi: 10.1038/s41467-021-23060-9	N 002 (100)	11.2.	VU (4,488)
1220.	VU (0,1429)	6578499	Borráz-León, J., Luoto, S., Krams, I., Rantala, M., Trakimas, G., & Kecko, S. et al. (2022). Testosterone, estradiol, and immune response in women. <i>Adaptive human behavior and physiology</i> , vol. 8(iss. 3), p. 344-354. doi: 10.1007/s40750-022-00201-y	N 012 (100)	11.00	VU (–)
1221.	VILNIUS TECH (1)	6580056	Čiegis, R., & Dapšys, I. (2022). On a framework for the stability and convergence analysis of discrete schemes for nonstationary nonlocal problems of parabolic type. <i>Mathematics: Numerical Methods for Fractional Differential Equations and Applications</i> , vol. 10(iss. 13), p. 1-18. doi: 10.3390/math10132155	N 001 (100)	11.2.	VILNIUS TECH (14,923)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1222.	VU (0,6667)	6580164	Kamali Saraji, M., Štreimikienė, D., & Kyriakopoulos, G. (2021). Fermatean fuzzy CRITIC-COPRAS method for evaluating the challenges to industry 4.0 adoption for a sustainable digital transformation. <i>Sustainability</i> , vol. 13(iss. 17), p. [1-20]. doi: 10.3390/su13179577	N 009 (100)	11.2.	VU (6,127)
1223.	LSMU (0,65)	6580432	Gečaitė-Stončienė, J., Saudargienė, A., Pranckevičienė, A., Liaugaudaitė, V., Griškova-Bulanova, I., & Šimkutė, D. et al. (2022). Impulsivity mediates associations between problematic internet use, anxiety, and depressive symptoms in students: a cross-sectional COVID-19 study /. In <i>Drug and behavioral addictions during social-distancing for the COVID-19 pandemic / Edited by: Giuseppe Bersani, Fernando Barbosa, Ornella Corazza and Hironobu Fujiwara</i> . (p. 153-160 :). KMU02: Frontiers in Psychiatry and Frontiers in Public Health.	N 011 (50)	11.00	LSMU (–)
1224.	BPTI (0,3333)	6581007	Mothe, J., Ullah, M., Okon, G., Schweer, T., Juršėnas, A., & Mandravickaitė, J. (2022). Instruments and Tools to Identify Radical Textual Content. <i>Information</i> , 13(4)(193), 1-28. doi: https://doi.org/10.3390/info13040193	N 002 (100)	11.00	BPTI (–)
1225.	VU (1)	6581760	Šikšnys, V., Kazlauskienė, M., Kostiuk, G., & Tamulaitis, G. (2021). U. S. Patent application US US20210130799A1. U. S. Patent and Trademark Office.	N 004 (40), N 010 (30)	11.3.	VU (7)
1226.	LSMU (0,5833)	6581795	Andriulė, I., Pangonytė, D., Gwanyanya, A., Karčiauskas, D., Mubagwa, K., & Mačianskienė, R. (2022). Detection of TRPM6 and TRPM7 proteins in normal and diseased cardiac atrial tissue and isolated cardiomyocytes /. <i>International journal of molecular sciences.</i> , vol. 23(no. 23), p. 1-18. doi: 10.3390/ijms232314860	N 010 (50)	11.2.	LSMU (4,827)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1227.	LSMU (1)	6582340	Bekampytė, J., Savukaitytė, A., Bartnykaitė, A., Ugenskienė, R., Žilienė, E., & Inčiūra, A. et al. (2022). TIRAP Rs8177376, Rs611953, Rs3802814, and Rs8177374 Polymorphisms and Their Association with Cervical Cancer Phenotype and Prognosis /. <i>Genes.</i> , vol. 13(no. 8), p. 1-11. doi: 10.3390/genes13081365	N 010 (50)	11.2.	LSMU (3,917)
1228.	LSMU (0,0833)	6582356	Bhattacharya, S., Šilkūnas, M., Gudvangen, E., Mangalanathan, U., Pakhomova, O., & Pakhomov, A. (2022). Ca ²⁺ dependence and kinetics of cell membrane repair after electroporation / <i>Biochimica et biophysica acta. Biomembranes.</i> , vol. 1864(no. 2), p. 1-10. doi: 10.1016/j.bbmem.2021.183823	N 010 (100)	11.2.	LSMU (0,749)
1229.	LSMU (1)	6582369	Bulatov, A., Bulatova, N., Marma, V., & Kučinskas, L. (2022). Quantitative study of asymmetry in the manifestation of the wings-in and wings-out versions of the Müller-Lyer illusion /. <i>Attention, Perception, & Psychophysics.</i> , vol. 84(no. 2), p. 560- 575. doi: 10.3758/s13414-021-02412-z	N 010 (100)	11.2.	LSMU (5,304)
1230.	LSMU (0,5); GTC (0,125)	6582395	Cirak, C., Radušienė, J., Raudonė, L., Vilkickytė, G., Seyis, F., & Marksa, M. et al. (2022). Phenolic compounds and antioxidant activity of <i>Achillea arabica</i> populations /. <i>South African journal of botany</i> , vol. 147, p. 425-433. doi: 10.1016/j.sajb.2022.02.0060254-6299	N 013 (20)	11.2.	LSMU (1,409); GTC (0,352)
1231.	LSMU (0,6667); KTU (0,1667)	6582412	Čiužas, D., Krugly, E., & Petrikaitė, V. (2022). Fibrous 3D printed poly(e)caprolactone tissue engineering scaffold for in vitro cell models /. <i>Biochemical engineering journal.</i> , vol. 185, p. 1-10. doi: 10.1016/j.bej.2022.108531	N 004 (80)	11.2.	LSMU (4,914); KTU (1,228)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1232.	KTU (0,625); LSMU (0,375)	6582424	Dabašinskaitė, L., Krugly, E., Baniukaitienė, O., Čiužas, D., Martuzevičius, D., & Jankauskaite, L. et al. (2022). Design and Fabrication Method of Bi-Layered Fibrous Scaffold for Cartilage Regeneration /. <i>Biochemical Engineering Journal.</i> , vol. 182, p. 1- 10. doi: 10.1016/j.bej.2022.108413	N 010 (40)	11.2.	KTU (1,629); LSMU (0,977)
1233.	VILNIUS TECH (0,2)	6582484	Gudvangen, E., Kim, V., Novickij, V., Battista, F., & Pakhomov, A. (2022). Electroporation and cell killing by milli- to nanosecond pulses and avoiding neuromuscular stimulation in cancer ablation. <i>Scientific reports</i> , vol. 12(iss. 1), p. 1-15. doi: 10.1038/s41598-022-04868-x	N 010 (10), N 011 (10)	11.2.	VILNIUS TECH (0,448)
1234.	VILNIUS TECH (1)	6582686	Jasevičius, R. (2022). Numerical modeling of the mechanics of the interaction of DNA nucleotides. <i>Mechanics of advanced materials and structures</i> , vol. 29(iss. 8), p. 1097-1103. doi: 10.1080/15376494.2020.1808263	N 002 (40)	11.2.	VILNIUS TECH (2,272)
1235.	VILNIUS TECH (0,1)	6582740	Jocienė, L., Krokaitė, E., Rekašius, T., Paulauskas, A., & Kupčinskienė, E. (2022). Evaluation of genetic diversity of Himalayan balsam (<i>Impatiens glandulifera</i> Royle) populations using microsatellites. <i>Žemdirbystė = Agriculture</i> , vol. 109(iss. 3), p. 259-268. doi: 10.13080/z-a.2022.109.033	N 001 (30), N 010 (70)	11.00	VILNIUS TECH (–)
1236.	VILNIUS TECH (1)	6582819	Jukna, A. (2022). Study of energy dissipation in the mixed-state YBa2Cu3O7-δ superconductor with partially deoxygenated structures. <i>Materials: Special issue: Advanced composites: From materials characterization to structural application (Second Volume)</i> , vol. 15(iss. 12), p. 1-10. doi: 10.3390/ma15124260	N 002 (50)	11.2.	VILNIUS TECH (2,981)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
1237.	LKA (0,5)	6583139	Dharmalingam, M., Meidutė-Kavaliauskienė, I., Mahapatra, G., Činčikaitė, R., Roy, P., & Vasilis Vasiliasukas, A. (2022). Sustainable Urban Conveyance Selection through MCGDM Using a New Ranking on Generalized Interval Type-2 Trapezoidal Fuzzy Number. <i>Mathematics: Advances in Time Series Forecasting/Prediction Using Fuzzy Set</i> , Vol. 10(Iss. 23), pp. 1-22. doi: 10.3390/math10234534	N 001 (50)	11.2.	LKA (7,462)
1238.	LKA (0,3333)	6583250	Juozapavičius, A., Sütterlin, S., & Lugo, R. (2022). Towards a Metacognitive Accuracy Training in Military Education. <i>HCI International 2022 Posters: 24th International Conference on Human-Computer Interaction, HCII 2022, Virtual Event, June 26 – July 1, 2022, Proceedings, Part II</i> , Vol. 2, pp. 151-155. doi: https://doi.org/10.1007/978-3-031-06388-6_20	N 009 (50)	11.00	LKA (–)
1239.	VILNIUS TECH (0,2)	6583336	Kranjc, M., Dermol-Černe, J., Potočnik, T., Novickij, V., & Miklavčič, D. (2022). High-intensity pulsed electromagnetic field- mediated gene electrotransfection in vitro. <i>International journal of molecular sciences: Targeted Therapies and Molecular Methods in Cancer</i> , vol. 23(iss. 17), p. 1-14. doi: 10.3390/ijms23179543	N 010 (50)	11.2.	VILNIUS TECH (1,17)
1240.	VILNIUS TECH (1)	6583351	Krapavickaitė, D. (2022). Coherence coefficient for official statistics. <i>Mathematics: Special issue: Time series analysis and econometrics with applications</i> , vol. 10(iss. 7), p. 1-20. doi: 10.3390/math10071159	N 001 (100)	11.2.	VILNIUS TECH (14,923)
1241.	VILNIUS TECH (1)	6583361	Krapavickaitė, D. (2022). Impact of stratum composition changes on the accuracy of the estimates in a sample survey. <i>Mathematics: Special issue: Advances in computational statistics and applications</i> , vol. 10(iss. 7), p. 1-21. doi: 10.3390/math10071093	N 001 (100)	11.2.	VILNIUS TECH (14,923)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1242.	VILNIUS TECH (1)	6583720	Margienė, A., Ramanauskaitė, S., Nugaras, J., Stefanovič, P., & Čenys, A. (2022). Competency-based e-learning systems: Automated integration of user competency portfolio. <i>Sustainability: Topic: Big data and artificial intelligence, vol. 14</i> (iss. 24), p. 1-15. doi: 10.3390/su142416544	N 009 (20)	11.2.	VILNIUS TECH (1,3)
1243.	LKA (1)	6583781	Bekešienė, S., & Meidutė-Kavaliauskienė, I. (2022). Artificial Neural Networks for Modelling and Predicting Urban Air Pollutants: Case of Lithuania. <i>Sustainability: The Sustainable Control of Environmental Noise and Air Pollution for Transportation Infrastructures, Vol. 14</i> (Iss. 4), pp. 1-24. doi: doi. org/10.3390/su14042470	N 001 (40), N 012 (50)	11.2.	LKA (5,848)
1244.	LKA (0,5)	6583795	Bekešienė, S., Samoilenko, I., Nikitin, A., & Meidutė- Kavaliauskienė, I. (2022). The complex systems for conflict interaction modelling to describe a non-trivial epidemiological situation. <i>Mathematics: Mathematical Modelling and Hybrid Strategies for Risk and Uncertainty Management, Vol. 10</i> (Iss. 4), pp. 1-24. doi: 10.3390/math10040537	N 001 (80)	11.2.	LKA (11,938)
1245.	LKA (1)	6583829	Bekešienė, S., & Smaliukienė, R. (2022). Personal Growth under Stress: Mediating Effects of Unit Cohesion and Leadership during Mandatory Military Training. <i>Sustainability: Security Challenges in the Context of Sustainability, Vol. 14</i> (Iss. 16), pp. 1-17. doi: 10.3390/su141610389			LKA (ks)
1246.	LSMU (0,625); GTC (0,25)	6583916	Dranseikienė, D., Balčiūnaitė-Murzienė, G., Karosienė, J., Morudov, D., Juodžiukynienė, N., & Hudz, N. et al. (2022). Cyano- Phycocyanin: Mechanisms of Action on Human Skin and Future Perspectives in Medicine /. <i>Plants., vol. 11</i> (no. 9), p. 1-18. doi: 10.3390/plants11091249	N 012 (30)	11.2.	LSMU (3,029); GTC (1,211)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1247.	LSMU (1)	6583933	Daniūtė, G., Vilkevičiūtė, A., Gedvilaitė, G., Kriaučiūnienė, L., & Liutkevičienė, R. (2022). RP1L1 rs3924612 gene polymorphism and RP1L1 protein associations among patients with early age- related macular degeneration /. <i>Ophthalmic genetics.</i> , vol. 43(no. 2), p. 164-171. doi: 10.1080/13816810.2021.2010770	N 010 (100)	11.2.	LSMU (4,238)
1248.	LSMU (0,9091)	6583987	Gečys, D., Dambrauskienė, K., Šimonytė, S., Patamsytė, V., Vilkevičiūtė, A., & Musneckis, A. et al. (2022). Circulating hsa-let- 7e- 5p and hsa-miR-125a-5p as Possible Biomarkers in the Diagnosis of Major Depression and Bipolar Disorders /. <i>Disease markers.</i> , vol. 22, p. 1-12. doi: DOI: 10.1155/2022/3004338	N 010 (50)	11.00	LSMU (–)
1249.	LSMU (1)	6584007	Gedvilaitė, G., Vilkevičiūtė, A., Glebauskienė, B., Kriaučiūnienė, L., & Liutkevičienė, R. (2022). Molecular Markers of Telomerase Complex for Patients with Pituitary Adenoma /. <i>Brain sciences.</i> , vol. 12(no. 8), p. 1-16. doi: 10.3390/brainsci12080980	N 010 (50)	11.2.	LSMU (3,511)
1250.	LSMU (0,8333)	6584021	Giedraitienė, A., Pereckaitė, L., Bredelytė-Gruodienė, E., Virgailis, M., Čiapienė, I., & Tatarūnas, V. (2022). CTX-M-producing Escherichia coli strains: resistance to temocillin, fosfomicin /. <i>Future Microbiology.</i> , vol. 17, p. 789-802. doi: 10.2217/fmb-2021- 0202	N 010 (100)	11.2.	LSMU (6,924)
1251.	LSMU (1)	6584045	Gudauskienė, G., Vilkevičiūtė, A., Gedvilaitė, G., Liutkevičienė, R., & Žaliūnienė, D. (2022). CCL2, CCR2 Gene Variants and CCL2, CCR2 Serum Levels Association with Age-Related Macular Degeneration /. <i>Life.</i> , vol. 12(no. 7), p. 1-11. doi: 10.3390 /life12071038	N 010 (50)	11.2.	LSMU (3,489)
1252.	LSMU (0,3333)	6584059	Han, K., Mikalayeva, V., Gerber, S., Kettenbach, A., Skeberdis, V., & Prekeris, R. (2022). Rab40c regulates focal adhesions and PP6 activity by controlling ANKRD28 ubiquitylation /. <i>Life science alliance.</i> , vol. 5(no. 9), p. 1-16. doi: 10.26508/lsa.202101346	N 011 (100)	11.2.	LSMU (5,896)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1253.	LSMU (1)	6584076	Kaikarytė, K., Gedvilaitė, G., Vilkevičiūtė, A., Kriaučiūnienė, L., Mockutė, R., & Čebatorienė, D. et al. (2022). SIRT1: Genetic Variants and Serum Levels in Age-Related Macular Degeneration:. <i>Life</i> , vol. 12(no. 5), p. 1-17. doi: 10.3390/life12050753	N 010 (50)	11.2.	LSMU (3,489)
1254.	KTU (0,625); LSMU (0,375)	6584094	Kairaitis, G., Galdikas, M., Grigaliūnas, A., & Galdikas, A. (2022). Mathematical Modeling of Phase Separation and Branching Process of the Film Structure during Binary Thin Film Deposition /. <i>Coatings.</i> , vol. 12(no. 5), p. 1-16. doi: 10.3390/coatings12050610	N 002 (50), N 011 (10)	11.2.	KTU (2,278); LSMU (1,367)
1255.	KTU (0,8667); LSMU (0,0333)	6584109	Kairyte, K., Grybaitė, B., Vaickelionienė, R., Sapijanskaitė- Banevič, B., Kavaliauskas, P., & Mickevičius, V. (2022). Synthesis and biological activity characterization of novel 5-oxopyrrolidine derivatives with promising anticancer and antimicrobial activity /. <i>Pharmaceuticals</i> , vol. 15(no. 8), p. 1-17. doi: 10.3390/ph15080970	N 003 (90), N 010 (10)	11.2.	KTU (13,551); LSMU (0,521)
1256.	LSMU (0,6)	6584124	Karaliūtė, I., Ramonaitė, R., Bernatoniene, J., Petrikaitė, V., Misiūnas, A., & Denkovskienė, E. et al. (2022). Reduction of gastrointestinal tract colonization by Klebsiella quasipneumoniae using antimicrobial protein Kvarla /. <i>Gut pathogens.</i> , vol. 14(no. 1), p. 1-11. doi: 10.1186/s13099-022-00492-2	N 004 (50)	11.2.	LSMU (3,66)
1257.	LSMU (1)	6584144	Kaunaitė, V., Vilkickytė, G., & Raudonė, L. (2022). Phytochemical Diversity and Antioxidant Potential of Wild Heather (<i>Calluna vulgaris</i> L.) Aboveground Parts /. <i>Plants.</i> , vol. 11(no. 17), p. 1-18. doi: 10.3390/plants11172207	N 010 (50)	11.2.	LSMU (4,663)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
1258.	KTU (0,3); LSMU (0,0222)	6584157	Kavaliauskas, P., Opazo, F., Acevedo, W., Petraitienė, R., Grybaitė, B., & Anusevičius, K. et al. (2022). Synthesis, biological activity, and molecular modelling studies of naphthoquinone derivatives as promising anticancer candidates targeting COX-2 /. <i>Pharmaceuticals.</i> , vol. 15(no. 5), p. 1-26. doi: 10.3390/ph15050541	N 003 (90), N 004 (10)	11.2.	KTU (6,056); LSMU (0,449)
1259.	LSMU (0,5); KTU (0,1667)	6584180	Kraujalis, T., Gudaitis, L., Kraujalienė, L., Šnipas, M., Palacios- Prado, N., & Verselis, V. (2022). The Amino Terminal Domain and Modulation of Connexin36 Gap Junction Channels by Intracellular Magnesium Ions :. <i>Frontiers in physiology.</i> , vol. 13, p. 1-18. doi: 10.3389/fphys.2022.839223	N 001 (10), N 009 (10), N 011 (80)	11.2.	LSMU (9,568); KTU (3,189)
1260.	LSMU (1)	6584197	Kriauciūnas, A., Liutkevičienė, R., Gedvilaitė, G., Kaikarytė, K., Vilkevičiūtė, A., & Gleiznys, D. et al. (2022). Value of serum sirtuin-1 (SIRT1) levels and SIRT1 gene variants in periodontitis patients /. <i>Medicina.</i> , vol. 58(no. 5), p. 1-13. doi: 10.3390/medicina58050653	N 010 (30)	11.2.	LSMU (1,403)
1261.	LSMU (1)	6584215	Kriauciūnas, A., Žekonis, G., & Liutkevičienė, R. (2022). Periodontitis association with IL-8 gene polymorphisms /. <i>Biomedical Papers-Olomouc.</i> , vol. 166(no. 1), p. 28-39. doi: 10.5507/bp.2021.066	N 010 (30)	11.00	LSMU (–)
1262.	LSMU (0,5833); KTU (0,4167)	6584228	Kudrevičius, L., Jaselskė, E., Adliene, D., Rudžianskas, V., Radžiūnas, A., & Tamašauskas, A. (2022). Application of 3D Gel Dosimetry as a Quality Assurance Tool in Functional Leksell Gamma Knife Radiosurgery /. <i>Gels</i> , vol. 8(no. 2), p. 1-15. doi: 10.3390/gels8020069	N 002 (40)	11.2.	LSMU (1,912); KTU (1,365)
1263.	LSMU (1)	6584243	Kuncevičienė, E., Muškieta, T., Sriubienė, M., Liutkevičienė, R., Smalinskienė, A., & Grabauskytė, I. et al. (2022). Association of CX36 Protein Encoding Gene GJD2 with Refractive Errors /. <i>Genes.</i> , vol. 13(no. 7), p. 1-11. doi: 10.3390/genes13071166	N 010 (100)	11.2.	LSMU (7,833)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1264.	LSMU (0,8)	6584264	Liaugaudaitė, V., Raškauskienė, N., Naginienė, R., Mickuvienė, N., & Sher, L. (2022). Association between lithium levels in drinking water and suicide rates: role of affective disorders /. <i>Journal of affective disorders.</i> , vol. 298(part. A), p. 516-521. doi: 10.1016/j. jad.2021.11.045	N 010 (30)	11.2.	LSMU (4,946)
1265.	LSMU (1)	6584289	Liutkevičienė, R., Auželytė, J., Liutkevičius, V., Vilkevičiūtė, A., Gedvilaitė, G., & Vaičiulis, P. et al. (2022). The Role of ApoE Serum Levels and ApoE Gene Polymorphisms in Patients with Laryngeal Squamous Cell Carcinoma /. <i>Biomolecules.</i> , vol. 12(no. 8), p. 1-16. doi: 10.3390/biom12081013	N 010 (50)	11.2.	LSMU (4,263)
1266.	LKA (0,5)	6584368	Bhavani, G., Meidutė-Kavaliauskienė, I., Mahapatra, G., & Činčikaitė, R. (2022). Pythagorean fuzzy storage capacity with controllable carbon emission incorporating green technology investment on a two-depository system. <i>Energy: Energy Transition towards Carbon Neutrality</i> , Vol. 15(Iss. 23), pp. 1-37. doi: 10.3390/en15239087	N 001 (50)	11.2.	LKA (1,749)
1267.	LSMU (0,5833); KTU (0,4167)	6584795	Malinauskas, M., Jankauskaitė, L., Aukštikalnė, L., Dabašinskaitė, L., Rimkūnas, A., & Mickevičius, T. et al. (2022). Cartilage regeneration using improved surface electrospun bilayer polycaprolactone scaffolds loaded with transforming growth factor-beta 3 and rabbit muscle-derived stem cells /. <i>Frontiers in bioengineering and biotechnology.</i> , vol. 10, p. 1-13. doi: 10.3389/fbioe.2022.971294	N 010 (60)	11.2.	LSMU (2,64); KTU (1,885)
1268.	KTU (0,8857); LSMU (0,0286)	6584816	Malūkaitė, D., Grybaitė, B., Vaickelionienė, R., Vaickelionis, G., Sapijanskaitė-Banevič, B., & Kavaliauskas, P. et al. (2022). Synthesis of Novel Thiazole Derivatives Bearing β -Amino Acid and Aromatic Moieties as Promising Scaffolds for the Development of New Antibacterial and Antifungal Candidates Targeting Multidrug-Resistant Pathogens /. <i>Molecules</i> , vol. 27(no. 1), p. 1-21. doi: 10.3390/molecules27010074	N 003 (90), N 010 (10)	11.2.	KTU (10,974); LSMU (0,354)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1269.	LSMU (1)	6584831	Masilionytė, U., Gedvilaitė, G., Kaikarytė, K., Vilkevičiūtė, A., Kriauciūnienė, L., & Glebauskienė, B. et al. (2022). IL-10 Gene Polymorphisms and IL-10 Serum Levels in Patients with Multiple Sclerosis in Lithuania /. <i>Brain sciences.</i> , vol. 12(no. 6), p. 1-11. doi: 10.3390/brainsci12060800	N 010 (100)	11.2.	LSMU (7,022)
1270.	LSMU (1)	6584846	Matulevičiūtė, I., Sidaraitė, A., Tatarūnas, V., Veikutienė, A., Dobilienė, O., & Žaliūnienė, D. (2022). Retinal and Choroidal Thinning-A Predictor of Coronary Artery Occlusion? /. <i>Diagnostics.</i> , vol. 12(no. 8), p. 1-14. doi: 10.3390/diagnostics12082016	N 010 (10)	11.2.	LSMU (0,571)
1271.	LSMU (1)	6584861	Meškauskaitė, U., Andruskevičiūtė, S., Čiapienė, I., Giedraitienė, A., Lesauskaitė, V., & Tatarūnas, V. (2022). Pleiotropic Effects of Ticagrelor: Influence on CYP4F2 Gene and Protein Expression in HUVEC and HepG2, and Escherichia coli Bacterial Survival :. <i>Drug design development and therapy.</i> , vol. 16, p. 2559–2568. doi: 10.2147/DDDT.S357985	N 010 (100)	11.2.	LSMU (9,333)
1272.	LSMU (0,9231); KTU (0,0769)	6584874	Milonas, D., Ruzgas, T., Venclovas, Ž., Jonušaitė, D., Matijošaitis, A., & Trumbeckas, D. et al. (2022). Effect of Clinical Parameters on Risk of Death from Cancer after Radical Prostatectomy in Men with Localized and Locally Advanced Prostate Cancer /. <i>Cancers.</i> , vol. 14(no. 8), p. 1-10. doi: 10.3390/cancers14082032	N 001 (10)	11.2.	LSMU (0,774); KTU (0,065)
1273.	KTU (0,6889); LSMU (0,0589)	6584896	Minickaitė, R., Grybaitė, B., Vaickelionienė, R., Kavaliauskas, P., Petraitis, V., & Petraitienė, R. et al. (2022). Synthesis of novel aminothiazole derivatives as promising antiviral, antioxidant and antibacterial candidates /. <i>International journal of molecular sciences.</i> , vol. 23(no. 14), p. 1-19. doi: 10.3390/ijms23147688	N 003 (80), N 004 (10)	11.2.	KTU (8,885); LSMU (0,759)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1274.	LSMU (1)	6584922	Momkutė, L., Vilkevičiūtė, A., Gedvilaitė, G., Dubinskaitė, G., Kriauciūnienė, L., & Liutkevičienė, R. (2022). Association of APOE Serum Levels and APOE ε2, ε3, and ε4 Alleles with Optic Neuritis /. <i>Genes.</i> , vol. 13(no. 7), p. 1-10. doi: 10.3390/genes13071188	N 010 (50)	11.2.	LSMU (3,917)
1275.	LSMU (1)	6584937	Mongirdienė, A., & Liobikas, J. (2022). Phenotypic and Functional Heterogeneity of Monocyte Subsets in Chronic Heart Failure Patients :. <i>Biology.</i> , vol. 11(no. 2), p. 1-18. doi: 10.3390/biology11020195	N 004 (50)	11.2.	LSMU (4,267)
1276.	LSMU (0,0135)	6584949	Nagirnaja, L., Lopes, A., Charng, W., Miller, B., Stakaitis, R., & Golubickaitė, I. et al. (2022). Diverse monogenic subforms of human spermatogenic failure /. <i>Nature Communications.</i> , vol. 13 (no. 1), p. 1-18. doi: 10.1038/s41467-022-35661-z	N 010 (100)	11.2.	LSMU (1,27)
1277.	LSMU (0,125)	6585005	Niedra, H., Peculis, R., Litvina, H., Megnis, K., Madrika, I., & Balcere, I. et al. (2022). Genome wide analysis of circulating miRNAs in growth hormone secreting pituitary neuroendocrine tumor patients' plasma /. <i>Frontiers in oncology.</i> , vol. 12, p. 1-16. doi: 10.3389/fonc.2022.894317	N 004 (100)	11.2.	LSMU (2,38)
1278.	LSMU (0,8333)	6585028	Palivonaitė, M., Gedvilaitė, G., Glebauskienė, B., Kriauciūnienė, L., Rovite, V., & Liutkevičienė, R. (2022). IL-10 Gene Rs1800871, Rs1800872, and Rs1800896 Polymorphisms and IL-10 Serum Levels Association with Pituitary Adenoma /. <i>Biomedicines.</i> , vol. 10(no. 8), p. 1-11. doi: 10.3390/biomedicines10081921	N 010 (50)	11.2.	LSMU (4,867)
1279.	LSMU (0,1333)	6585043	Pauza, A., Thakkar, P., Tasic, T., Felipe, I., Bishop, P., & Greenwood, M. et al. (2022). GLP1R Attenuates Sympathetic Response to High Glucose via Carotid Body Inhibition /. <i>Circulation research.</i> , vol. 130(no. 5), p. 694-707. doi: 10.1161/CIRCRESAHA.121.319874	N 004 (100)	11.2.	LSMU (10,444)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1280.	LSMU (0,5556)	6585065	Petkevičius, V., Thon, C., Steponaitienė, R., Skiecevičienė, J., Jančiauskas, D., & Jechorek, D. et al. (2022). Differential expression of long non-coding RNA HOTAIR in intestinal metaplasia and gastric cancer /. <i>Clinical and translational gastroenterology.</i> , vol. 13(no. 5), p. 1-10. doi: 10.14309/ctg.0000000000000483	N 010 (50)	11.2.	LSMU (2,918)
1281.	KTU (0,6667); LSMU (0,3333)	6585097	Qammar, N., Orinaitė, U., Šiaučiūnaitė, V., Vainoras, A., Šakalytė, G., & Ragulskis, M. (2022). The Complexity of the Arterial Blood Pressure Regulation during the Stress Test /. <i>Diagnostics.</i> , vol. 12 (no. 5), p. 1-20. doi: 10.3390/diagnostics12051256	N 001 (70)	11.2.	KTU (2,663); LSMU (1,331)
1282.	KTU (0,6); LSMU (0,4)	6585112	Qammar, N., Šiaučiūnaitė, V., Zabiela, V., Vainoras, A., & Ragulskis, M. (2022). Detection of atrial fibrillation episodes based on 3D algebraic relationships between cardiac intervals /. <i>Diagnostics.</i> , vol. 12(no. 12), p. 1-19. doi: 10.3390/diagnostics12122919	N 001 (60)	11.2.	KTU (2,054); LSMU (1,369)
1283.	LSMU (1)	6585126	Ragauskas, T., Rysevaitė-Kyguolienė, K., Paužienė, N., Inokaitis, H., & Pauža, D. (2022). Chemical phenotypes of intrinsic cardiac neurons in the newborn pig (<i>Sus scrofa domestica</i> Erxleben, 1777) /. <i>Journal of morphology.</i> , vol. 283(no. 1), p. 51-65. doi: 10.1002/jmor.21426	N 010 (100)	11.2.	LSMU (7,526)
1284.	LSMU (1)	6585138	Ragauskas, T., Rysevaitė-Kyguolienė, K., Paužienė, N., Inokaitis, H., & Pauža, D. (2022). Intrinsic cardiac neurons of the adult pigs: chemical types, abundance, parameters and distribution within ganglionated plexus /. <i>Annals of anatomy.</i> , vol. 243, p. 1-13. doi: 10.1016/j.aanat.2022.151935	N 010 (100)	11.2.	LSMU (10,105)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1285.	LSMU (1)	6585150	Rancevienė, D., Rysevaitė-Kyguolienė, K., Inokaitis, H., Saburkina, I., Plekhanova, K., & Sabeckienė, D. et al. (2022). Early structural alterations of intrinsic cardiac ganglionated plexus in spontaneously hypertensive rats /. <i>Histology and histopathology.</i> , vol. 37(no. 10), p. 955-970. doi: 10.14670/HH- 18-453	N 010 (100)	11.2.	LSMU (4,423)
1286.	LSMU (0,2857)	6585179	Rodgus, J., Prakapaitė, R., Mitsidis, P., Grigalevičiūtė, R., Plančiūnienė, R., & Kavaliauskas, P. et al. (2022). Molecular epidemiology of group B streptococci in Lithuania identifies multi-drug resistant clones and sporadic ST1 serotypes Ia and Ib /. <i>Pathogens.</i> , vol. 11(no. 9), p. 1-10. doi: 10.3390 /pathogens11091060	N 010 (100)	11.2.	LSMU (4,233)
1287.	LSMU (1)	6585193	Samulėnas, G., Insodaitė, R., Kuncevičienė, E., Pocevičiūtė, R., Masionytė, L., & Žitkevičiūtė, U. et al. (2022). The Role of Functional Polymorphisms in the Extracellular Matrix Modulation- Related Genes on Dupuytren's Contracture /. <i>Genes.</i> , vol. 13(no. 5), p. 1-9. doi: 10.3390/genes13050743	N 010 (100)	11.2.	LSMU (7,833)
1288.	LSMU (1)	6585217	Sidorova, M., & Petrikaitė, V. (2022). The Effect of Beta Adrenoreceptor Blockers on Viability and Cell Colony Formation of Non-Small Cell Lung Cancer Cell Lines A549 and H1299 /. <i>Molecules.</i> , vol. 27(no. 6), p. 1-10. doi: 10.3390 /molecules27061938	N 004 (100)	11.2.	LSMU (7,154)
1289.	KTU (0,6667); LSMU (0,2222)	6585232	Sriubas, M., Bockutė, K., Palevičius, P., Kaminskas, M., Rinkevičius, Ž., & Ragulskis, M. et al. (2022). Antibacterial Activity of Silver and Gold Particles Formed on Titania Thin Films /. <i>Nanomaterials.</i> , vol. 12(no. 7), p. 1-21. doi: 10.3390 /nano12071190	N 001 (20), N 010 (20)	11.2.	KTU (2,944); LSMU (0,982)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1290.	LSMU (1)	6585264	Stanevičienė, I., Šulinskienė, J., Sadauskienė, I., Liekis, A., Ruzgaitė, A., & Naginienė, R. et al. (2022). Effect of Selenium on the Iron Homeostasis and Oxidative Damage in Brain and Liver of Mice /. <i>Antioxidants.</i> , vol. 11(no. 7), p. 1-14. doi: 10.3390/antiox11071216	N 004 (50), N 010 (50)	11.2.	LSMU (10,898)
1291.	LSMU (1)	6585284	Steponaitis, G., Kučinskas, V., Golubickaitė, I., Skauminas, K., & Saudargienė, A. (2022). Glioblastoma Molecular Classification Tool Based on mRNA Analysis: From Wet-Lab to Subtype /. <i>International Journal of Molecular Sciences.</i> , vol. 23(no. 24), p. 1- 14. doi: 10.3390/ijms232415875	N 010 (80)	11.2.	LSMU (6,619)
1292.	LSMU (1)	6585298	Steponaitis, G., Stakaitis, R., Valiulytė, I., Krušnauskas, R., Dragūnaitė, R., & Urbanavičiūtė, R. et al. (2022). Transcriptome- wide analysis of glioma stem cell specific m6A modifications in long-non-coding RNAs /. <i>Scientific reports.</i> , vol. 12(no. 1), p. 1-11. doi: 10.1038/s41598-022-08616-z	N 010 (100)	11.2.	LSMU (6,472)
1293.	LSMU (1)	6585313	Strazdauskas, A., Trumbeckaitė, S., Jakštas, V., Kamarauskaitė, J., Ivanauskas, L., & Banienė, R. (2022). Ischemia In Vivo Induces Cardiolipin Oxidation in Rat Kidney Mitochondria /. <i>Biology.</i> , vol. 11(no. 4), p. 1-15. doi: 10.3390/biology11040541	N 004 (50)	11.2.	LSMU (4,267)
1294.	LSMU (1)	6585329	Strumylaitė, L., Kregždytė, R., Kučikienė, O., Baranauskienė, D., Šimakauskienė, V., & Naginienė, R. et al. (2022). Alzheimer's Disease Association with Metals and Metalloids Concentration in Blood and Urine. <i>International journal of environmental research and public health.</i> , vol. 19(no. 12), p. 1-11. doi: 10.3390/ijerph19127309	N 010 (50)	11.00	LSMU (–)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1295.	KTU (0,8); LSMU (0,2)	6585348	Šermukšnytė, A., Kantminienė, K., Jonuškienė, I., Tumosienė, I., & Petrikaitė, V. (2022). The Effect of 1,2,4-Triazole-3-thiol Derivatives Bearing Hydrazone Moiety on Cancer Cell Migration and Growth of Melanoma, Breast, and Pancreatic Cancer Spheroids /. <i>Pharmaceuticals.</i> , vol. 15(no. 8), p. 1-20. doi: 10.3390/ph15081026	N 003 (60)	11.2.	KTU (4,333); LSMU (1,083)
1296.	LSMU (0,25); VILNIUS TECH (0,25)	6585365	Šilkūnas, M., Gudvangen, E., Novickij, V., & Pakhomov, A. (2022). Sub-MHz bursts of nanosecond pulses excite neurons at paradoxically low electric field thresholds without membrane damage /. <i>Biochimica et biophysica acta. Biomembranes.</i> , vol. 1864(no. 11), p. 1-8. doi: 10.1016/j.bbamem.2022.184034	N 010 (50)	11.2.	LSMU (1,124); VILNIUS TECH (1,124)
1297.	LSMU (0,75)	6585383	Tamakauskas, V., Žaliūnas, R., Lesauskaitė, V., Kupstytė- Krištaponė, N., Šakalytė, G., & Jurgaitytė, J. et al. (2022). Factors determining ticagrelor-induced dyspnea in patients with acute coronary syndrome /. <i>Applied sciences.</i> , vol. 12(no. 19), p. 1-15. doi: https://doi.org/10.3390/app121910021	N 010 (50)	11.2.	LSMU (2,817)
1298.	KTU (0,5); LSMU (0,5)	6585400	Tamkutė, L., Jančiukė, G., Pukalskienė, M., Sarapinienė, I., Skeberdis, V., & Venskutonis, P. (2022). Cranberry and black chokeberry extracts isolated with pressurized ethanol from defatted by supercritical CO2 pomace inhibit colorectal carcinoma cells and increase global antioxidant response of meat products during in vitro digestion /. <i>Food Research International.</i> , vol. 161, p. 1-13. doi: 10.1016/j.foodres.2022.111803	N 004 (20), N 010 (30)	11.2.	KTU (3,175); LSMU (3,175)
1299.	LSMU (0,5)	6585438	Vilchez-Vargas, R., Skiecevičienė, J., Lehr, K., Varkalaitė, G., Thon, M., & Urba, M. et al. (2022). Gut microbial similarity in twins is driven by shared environment and aging /. <i>eBioMedicine.</i> , vol. 79, p.1-13. doi: 10.1016/j.ebiom.2022.104011	N 010 (50)	11.2.	LSMU (6,874)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1300.	LSMU (0,0244)	6585469	Wyrwoll, M., Gaasbeek, C., Golubickaitė, I., Stakaitis, R., Oud, M., & Nagirnaja, L. et al. (2022). The piRNA-pathway factor FKBP6 is essential for spermatogenesis but dispensable for control of meiotic LINE-1 expression in humans /. <i>American journal of human genetics.</i> , vol. 109(no. 10), p. 1850-1866. doi: 10.1016/j. ajhg.2022.09.002	N 010 (100)	11.2.	LSMU (1,848)
1301.	LSMU (1)	6585503	Zigmantaitė, V., Jonušaitė, E., Grigalevičiūtė, R., Kučinskas, A., Treinys, R., & Navalinskas, A. et al. (2022). Evaluation of the Cardiac Electrophysiological and Haemodynamic Effects of Elsholtzia ciliata Essential Oil on Swine /. <i>Pharmaceuticals.</i> , vol. 15(no. 8), p. 1-17. doi: 10.3390/ph15080982	N 004 (50)	11.2.	LSMU (4,514)
1302.	LSMU (1)	6585525	Zymonė, K., Benetis, R., Trumbeckas, D., Basevičienė, I., & Trumbeckaitė, S. (2022). Different effects of quercetin glycosides and quercetin on kidney mitochondrial function-uncoupling, cytochrome C reducing and antioxidant activity /. <i>Molecules.</i> , vol. 27(no. 19), p. 1-13. doi: 10.3390/molecules27196377	N 004 (30), N 010 (30)	11.2.	LSMU (4,292)
1303.	LSMU (1)	6585543	Žažeckytė, G., Gedvilaitė, G., Vilkevičiūtė, A., Kriaučiūnienė, L., Balčiūnienė, V., & Mockutė, R. et al. (2022). Associations of Tumor Necrosis Factor-Alpha Gene Polymorphisms (TNF)-α TNF- 863A/C (rs1800630), TNF-308A/G (rs1800629), TNF-238A/G (rs361525), and TNF-Alpha Serum Concentration with Age- Related Macular Degeneration /. <i>Life.</i> , vol. 12(no. 7), p. 1-12. doi: 10.3390/life12070928	N 010 (50)	11.2.	LSMU (3,489)
1304.	LSMU (1)	6585559	Žemaitis, L., Alzbutas, G., Gečys, D., Pautienius, A., Ugenskienė, R., & Šukys, M. et al. (2022). Determining the International Spread of B.1.1.523 SARS-CoV-2 Lineage with a Set of Mutations Highly Associated with Reduced Immune Neutralization /. <i>Microorganisms.</i> , vol. 10(no. 7), p. 1-19. doi: 10.3390 /microorganisms10071356	N 010 (100)	11.2.	LSMU (7,625)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1305.	LSMU (1)	6585573	Žemaitis, L., Alzbutas, G., Gečytė, E., Gečys, D., & Lesauskaitė, V. (2022). SARS-CoV-2: Two Years in the Pandemic: What Have We Observed from Genome Sequencing Results in Lithuania? /. <i>Microorganisms.</i> , vol. 10(no. 6), p. 1-19. doi: 10.3390/microorganisms10061229	N 010 (100)	11.2.	LSMU (7,625)
1306.	LSMU (1)	6585585	Žemgulytė, G., Umbrasas, D., Čižas, P., Jankevičiūtė, S., Pampuščenko, K., & Grigalevičiūtė, R. et al. (2022). Imeglimin Is Neuroprotective Against Ischemic Brain Injury in Rats-a Study Evaluating Neuroinflammation and Mitochondrial Functions /. <i>Molecular neurobiology.</i> , vol. 59(no. 5), p. 2977-2991. doi: 10.1007/s12035-022-02765-y	N 004 (30), N 010 (50)	11.2.	LSMU (7,808)
1307.	VU (0,0833)	6587267	Siddiqui, N., Roth, D., Toleikis, A., Zwetsloot, A., Cross, R., & Straube, A. (2022). Force generation of KIF1C is impaired by pathogenic mutations. <i>CURRENT BIOLOGY</i> , 32(17), 3862-+. doi: 10.1016/j.cub.2022.07.029	N 004 (100)	11.2.	VU (2,095)
1308.	LKA (1)	6587815	Vasiliauskienė, V. (2022). Ozono, aerozolio dalelių koncentracijų ir triukšmo lygio kopijavimo metu įvertinimas [Assessment of Ozone and Aerosol Concentrations and Noise Levels during the Copying Process]. <i>Žmogaus ir gamtos sauga 2022: mokslo straipsnių rinkinys [Human and nature safety 2022: selected paper]</i> , pp. 74-77.	N 002 (40)	11.00	LKA (–)
1309.	LKA (1)	6587830	Vasiliauskienė, V. (2022). Ozono, susidarančio technologinių procesų metu, koncentracijos lygio patalpoje įvertinimas [Assessment of the levels of ozone formed during technological processes indoors]. <i>Technologijos ir menas: Tyrimai ir aktualijos [Technology and art: Research and topicalities]</i> , (13), 71-75.	N 002 (40)	11.00	LKA (–)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1310.	LII (0,3333)	6587879	Visocka, V., Podėnas, V., & Sperling, U. (2022). From the seaside to the inland: Comparing Late Bronze Age pottery production and styles in the eastern Baltic. <i>The Baltic in the Bronze Age: Regional patterns, interactions and boundaries</i> , p. 161-188.	N 003 (10), N 005 (10)	11.00	LII (–)
1311.	VU (0,1)	6588388	Kapustina, Z., Jasponė, A., Dubovskaja, V., Mackevičius, G., & Lubys, A. (2021). Enzymatic Synthesis of Chimeric DNA Oligonucleotides by in Vitro Transcription with dTTP, dCTP, dATP, and 2'-Fluoro Modified dGTP. <i>ACS SYNTHETIC BIOLOGY</i> , 10(7), 1625-1632. doi: 10.1021/acssynbio.1c00112	N 004 (100)	11.2.	VU (1,34)
1312.	LII (0,75)	6589786	Vengalis, R., Minkevičius, K., Valančius, M., & Piličiauskas, G. (2022). Hidden landscapes of the Earliest Iron Age: Excavations at Kakliniškės 7 reveal an overlooked settlement phase in southern Lithuania. <i>Archaeologia Baltica</i> , 29, p. 119-148. doi: 10.15181/ab.v29i0.2475	N 013 (20)	11.00	LII (–)
1313.	KTU (0,2)	6592225	Zakharov, M., Gadal, S., Kamičaitytė, J., Cherosov, M., & Troeva, E. (2022). Distribution and structure analysis of mountain permafrost landscape in orulgan ridge (Northeast Siberia) using google earth engine. <i>Land</i> , vol. 11(iss. 8), p. 1-21. doi: 10.3390/land11081187	N 006 (80)	11.2.	KTU (2,353)
1314.	EHU (0,5)	6593994	Gorodecky, D., & Sousa, L. (2022). Modular Multiplication Based on Boolean Representations. <i>Proceedings of the 15 th International Workshop on Boolean Problems, Bremen, Germany, Sept. 22-23, 2022</i> , p. 115-125.	N 009 (100)	11.00	EHU (–)
1315.	VU (0,0417)	6597246	Kaspar, F., Seeger, M., Westarp, S., Koellmann, C., Lehmann, A., & Pausch, P. et al. (2021). Diversification of 4'-Methylated Nucleosides by Nucleoside Phosphorylases. <i>ACS CATALYSIS</i> , 11 (17), 10830-10835. doi: 10.1021/acscatal.1c02589	N 004 (100)	11.2.	VU (1,308)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
1316.	VU (0,5714); LII (0,4286)	6599118	Vengalis, R., Piličiauskas, G., Minkevičius, K., Valančius, M., Stančikaitė, M., & Vaikutienė, G. et al. (2022). New Data on the Structure and Economy of Unenclosed Settlements in the Late Striated Ware Culture: The Skudeniai Settlement Site in Southeastern Lithuania. <i>Lietuvos archeologija</i> , 48, p. 101–153. doi: https://doi.org/10.33918/25386514-048004	N 005 (10), N 013 (10)	11.00	VU (–); LII (–)
1317.	LSMU (0,6); GTC (0,4)	6599380	Radušienė, J., Karpavičienė, B., Marksa, M., Ivanauskas, L., & Raudonė, L. (2022). Distribution Patterns of Essential Oil Terpenes in Native and Invasive Solidago Species and Their Comparative Assessment /. <i>Plants.</i> , vol. 11(no. 9), p. 1-19. doi: 10.3390/plants11091159	N 013 (40)	11.2.	LSMU (2,238); GTC (1,492)
1318.	VILNIUS TECH (1)	6603179	Simanavičienė, R., Jakučionytė, V., & Deltuvienė, D. (2022). Sensitivity study of TOPSIS and COPRAS methods with respect to normalization techniques. <i>Baltic journal of modern computing</i> , vol. 10(iss. 2), p. 105-120. doi: 10.22364/bjmc.2022.10.2.01	N 001 (20)	11.00	VILNIUS TECH (–)
1319.	VU (1)	6605228	Zabiliūtė-Karaliūnė, A., Aglinskaitė, J., & Vitta, P. (2021). The reduction of the thermal quenching effect in laser-excited phosphor converters using highly thermally conductive hBN particles. <i>SCIENTIFIC REPORTS</i> , 11(1). doi: 10.1038/s41598-021- 86249-4	N 002 (100)	11.2.	VU (6,472)
1320.	LSMU (0,9167)	6605563	Tkatch, T., Rysevaitė-Kyguolienė, K., Sabeckis, I., Sabeckienė, D., Pauža, D., & Baranauskas, G. (2022). An efficient rAAV vector for protein expression in cortical parvalbumin expressing interneurons /. <i>Scientific reports.</i> , vol. 12(no. 1), p. 1-13. doi: 10.1038/s41598-022-21867-0	N 010 (50)	11.2.	LSMU (4,195)
1321.	FTMC (1)	6605979	Jagminienė, A., Stankevičienė, I., Ratautas, K., Norkus, E., & Račiukaitis, G. (2022). <i>European Patent application EP US2022064801 (A1)</i> . European Patent Office.	N 003 (50)	11.3.	FTMC (5)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1322.	FTMC (1)	6606070	Janonis, V., & Kašalynas, I. (2022). <i>European Patent application EP EP4105693 (A1)</i> . European Patent Office.	N 002 (100)	11.3.	FTMC (10)
1323.	FTMC (0,5)	6606104	Kašalynas, I., Indrišiūnas, S., Prystawko, P., & Kruszewski, P. (2022). <i>European Patent application EP EP3975224 (A1)</i> . European Patent Office.	N 002 (50)	11.3.	FTMC (3,536)
1324.	FTMC (1)	6606268	Ašmontas, S., Gradauskas, J., Leinartas, K., Staišiūnas, L., Sužiedėlis, A., & Šilėnas, A. (2022). <i>European Patent No. EP EP 3840050 B1</i> . Munich: European Patent Office.	N 002 (100)	11.4.	FTMC (15)
1325.	VU (0,0455)	6606282	Paddubskaya, A., Batrakov, K., Khrushchinsky, A., Kuten, S., Plyushch, Artyom, P., & Stepanov, A. et al. (2021). Outstanding Radiation Tolerance of Supported Graphene: Towards 2D Sensors for the Space Millimeter Radioastronomy. <i>NANOMATERIALS</i> , 11 (1). doi: 10.3390/nano11010170	N 002 (100)	11.2.	VU (0,869)
1326.	FTMC (0,5)	6606340	Kašalynas, I., Indrišiūnas, S., Prystawko, P., & Kruszewski, P. (2022). <i>European Patent No. EP EP 3975224 B1</i> . Munich: European Patent Office.	N 002 (50)	11.4.	FTMC (5,303)
1327.	FTMC (0,0833)	6606379	Trinkler, L., Aulika, I., Krieke, G., Nilova, D., Ruska, R., & Butikova, J. et al. (2022). Characterization of wurtzite Zn1-xMgxO epilayers grown on ScAlMgO4 substrate by methods of optical spectroscopy. <i>Journal of alloys and compounds</i> , vol. 912, p. 1-10. doi: 10.1016/j.jallcom.2022.165178	N 002 (100)	11.2.	FTMC (1,508)
1328.	FTMC (0,125)	6606421	Molinara, M., Cancelliere, R., Di Tinno, A., Ferrigno, L., Shuba, M., & Kuzhir, P. et al. (2022). A deep learning approach to organic pollutants classification using voltammetry. <i>Sensors</i> , vol. 22(iss. 20), p. 1-16. doi: 10.3390/s22208032	N 002 (100)	11.2.	FTMC (2,304)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1329.	VU (0,2)	6606436	Šuminienė, A., Jukna, V., Šuminas, R., Tamošauskas, G., & Dubietis, A. (2021). Femtosecond infrared supercontinuum generation in 6H-SiC crystal. <i>OSA CONTINUUM</i> , 4(3), 911-917. doi: 10.1364/OSAC.419234	N 002 (100)	11.00	VU (–)
1330.	FTMC (0,125)	6606448	Al-Shatty, W., Hill, D., Kiani, S., Stanulis, A., Winston, S., & Powner, I. et al. (2022). Superhydrophilic surface modification of fabric via coating with cysteic acid mineral oxide. <i>Applied surface science</i> , vol. 580, p. 1-10. doi: 10.1016/j.apsusc.2021.152306	N 003 (100)	11.2.	FTMC (3,376)
1331.	FTMC (0,1667)	6606484	Ledesma, M., Gorokhova, E., Garbaras, A., Røjning, L., Brena, B., & Karlson, A. (2022). High capacity for a dietary specialist consumer population to cope with increasing cyanobacterial blooms. <i>Scientific reports</i> , vol. 12, p. 179-190. doi: 10.1038/s41598-022-26611-2	N 002 (100)	11.2.	FTMC (1,868)
1332.	FTMC (1)	6606638	Urbas, A., & Jukna, V. (2022). <i>European Patent application EP WO2022185096 (A1)</i> . European Patent Office.	N 002 (100)	11.3.	FTMC (10)
1333.	VU (0,1)	6607159	Molak, A., Winiarski, A., Szeremeta, A., Mahato, D., Macutkevič, J., & Gruszka, I. et al. (2021). Electrical features of ferroelectric (BA(0.83)Ca(0.17))TiO ₃ ceramics with diffused phase transition under pressure. <i>JOURNAL OF ALLOYS AND COMPOUNDS</i> , 856. doi: 10.1016/j.jallcom.2020.158216	N 002 (100)	11.2.	VU (1,81)
1334.	LSMU (0,1667)	6621375	Moreira, A., Barroca, M., Guiné Florença, S., Bartkienė, E., Castelão, D., & Guiné, R. (2022). Drying of Aromatic Plants: Processes and Effects ; Chapter 3 /. In <i>Advances in Chemistry Research. Volume 76 / Editor James C. Taylor</i> . (p. 75-107 :). KMU02: Nova Science Publishers, Inc.	N 010 (50)	11.00	LSMU (–)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1335.	VU (1)	6670620	Čiapas, Bernardas, Č., & Treigys, Povilas, T. (2021). High F-score Model for Recognizing Object Visibility in Images with Occluded Objects of Interest. <i>BALTIC JOURNAL OF MODERN COMPUTING</i> , 9 (1), 35-48. doi: 10.22364/bjmc.2021.9.1.3	N 002 (100)	11.00	VU (–)
1336.	VILNIUS TECH (1)	6670707	Masalskyi, O., & Gradauskas, J. (2022). Pre-themalization effect of hot carriers on photovoltage formation in a solar cell. <i>Ukrainian journal of physical optics</i> , vol. 23(iss. 3), p. 117-125. doi: 10.3116/16091833/23/3/117/2022	N 002 (50)	11.2.	VILNIUS TECH (4,792)
1337.	VU (0,3333)	6670831	Roman, Viktoriya, R., Jonauskas, Valdas, J., Kučas, Sigitas, K., Gomoni, Anna, G., Gomoni, Aleksandr, G., & Hutysh, Yuriy, H. (2021). Excitation of the 6d D-2 -> 6p P-2(o) Radiative Transitions in the Pb+ Ion by Electron Impact. <i>ATOMS</i> , 9(4). doi: 10.3390/atoms9040102	N 002 (100)	11.00	VU (–)
1338.	LSMU (0,125); VDU (0,125)	6671035	Linne, M., Aćimović, J., Saudargienė, A., & Manninen, T. (2022). Neuron–Glia Interactions and Brain Circuits ; Chapter 4 /. In <i>Computational Modelling of the Brain: Modelling Approaches to Cells, Circuits and Networks / Editors: Michele Giugliano, Mario Negrello, Daniele Linaro</i> . (p. 87-103 :). KMU02: Springer Nature.	N 011 (100)	11.1.	LSMU (1,5); VDU (1,5)
1339.	VU (0,75)	6671574	Čeponis, T., Deveikis, L., Lastovskii, S., Makarenko, L., Pavlov, J., & Pukas, K. et al. (2021). Transient Electrical and Optical Characteristics of Electron and Proton Irradiated SiGe Detectors. <i>SENSORS</i> , 20(23). doi: 10.3390/s20236884	N 002 (100)	11.2.	VU (–)
1340.	VILNIUS TECH (0,75)	6671590	Ramanauskaitė, S., Shein, A., Čenys, A., & Rastenis, J. (2022). Security ontology structure for formalization of security document knowledge. <i>Electronics</i> , vol. 11(iss. 7), p. 1-13. doi: 10.3390/electronics11071103	N 009 (50)	11.2.	VILNIUS TECH (3,381)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
1341.	VILNIUS TECH (0,1)	6671688	Rembiałkowska, N., Baczyńska, D., Dubińska-Magiera, M., Choromańska, A., Biežuńska-Kusiak, K., & Gajewska-Naryniecka, A. et al. (2022). RCCS bioreactor-based modeled microgravity affects gastric cancer cells and improves the chemotherapeutic effect. <i>Membranes: Modern Studies on Drug-Membrane Interactions</i> , vol. 12(iss. 5), p. 1-10. doi: 10.3390/membranes12050448	N 010 (10), N 011 (10)	11.2.	VILNIUS TECH (0,228)
1342.	VILNIUS TECH (0,125)	6671710	Rembiałkowska, N., Novickij, V., Baczyńska, D., Dubińska-Magiera, M., Saczko, J., & Rudno-Rudzińska, J. et al. (2022). Micro- and nanosecond pulses used in doxorubicin electrochemotherapy in human breast and colon cancer cells with drug resistance. <i>Molecules: Electroporation - Drug Delivery and Anticancer Approach</i> , vol. 27(iss. 7), p. 1-14. doi: 10.3390/molecules27072052	N 010 (20)	11.2.	VILNIUS TECH (0,4)
1343.	VILNIUS TECH (1)	6671968	Šarko, J., Leonavičienė, T., & Mažeikienė, A. (2022). Research and modelling the ability of waste from water and wastewater treatment to remove phosphates from water. <i>Processes</i> , vol. 10 (iss. 2), p. 1-16. doi: 10.3390/pr10020412	N 001 (30)	11.2.	VILNIUS TECH (1,681)
1344.	VU (1)	6672020	Bareikis, G., & Mačiulis, A. (2021). Bivariate Beta distribution and multiplicative functions. <i>EUROPEAN JOURNAL OF MATHEMATICS</i> , 7(4), 1668-1688. doi: 10.1007/s40879-021-00492-7	N 001 (100)	11.00	VU (–)
1345.	VILNIUS TECH (0,2)	6672332	Soleimany, A., Solgi, E., Ashrafi, K., Jafari, R., & Grubliauskas, R. (2022). Investigating the performance of dust detection indices using MODIS data and products (Case study: Khuzestan province of Iran). <i>Meteorology and atmospheric physics: Springer Science and Business Media LLC S</i> , vol. 134(iss. 4), p. 1-14. doi: 10.1007/s00703-022-00890-w	N 012 (10)	11.2.	VILNIUS TECH (0,202)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1346.	MRU (0,25)	6673032	Das, M., Das, A., Saha, M., & Pereira, P. (2022). Use and perception of ecosystem services on an urban river: a case from lower Gangatic plain, Eastern India. <i>Environmental science and pollution research</i> , 00(00), p. 7561–7581. doi: 10.1007/s11356- 022-22655-z	N 012 (20)	11.00	MRU (–)
1347.	VU (1)	6673333	Minkevičius, S. (2021). LITTLE'S LAWS FOR EXTREME VALUES IN MULTI-SERVER MULTI-CORE OPEN QUEUEING NETWORKS. <i>QUAESTIONES MATHEMATICAE</i> , 45(5), 695-710. doi: 10.2989 /16073606.2021.1887393	N 001 (100)	11.2.	VU (5,769)
1348.	VDU (0,1429)	6681957	Deveikis, A., Gusev, A., Vinitsky, S., Blinkov, Y., Gózdź, A., & Pędrak, A. et al. (2022). Symbolic-numeric algorithm for calculations in geometric collective model of atomic nuclei. In <i>Computer algebra in scientific computing</i> (1, 103-123). Cham: Springer.	N 009 (50)	11.1.	VDU (2,835)
1349.	VDU (0,5)	6681974	Salimbajevs, A., & Kapočiūtė-Dzikienė, J. (2022). Automatic speech recognition model adaptation to medical domain using untranscribed audio. In <i>Communications in computer and information science</i> (65-79). Cham: Springer Nature.	N 009 (100)	11.1.	VDU (9,093)
1350.	KU (0,6667)	6683076	Medelytė, S., Šiaulys, A., Daunys, D., Włodarska-Kowalczyk, M., Węśławski, J., & Olenin, S. (2022). Application of underwater imagery for the description of upper sublittoral benthic communities in glaciated and ice-free Arctic fjords. <i>Polar biology</i> , Vol. 45, Iss. 12, p. 1655-1671. doi: doi.org/10.1007/s00300-022-03096-3	N 012 (100)	11.2.	KU (4,805)
1351.	LSMU (1)	6684798	Bernatoniene, J., Pudžiuvelytė, L., Jurevičius, J., Mačianskienė, R., & Šimonytė, S. (2022). <i>Japan Patent No. JP2021516263</i> . KMU02: Japan Patent Office.	N 011 (50)	11.4.	LSMU (–)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1352.	LSMU (1)	6684813	Kupčinskas, J., Skiecevičienė, J., Bernatoniene, J., Kiudelis, V., Petkevičius, V., & Ivanauskas, L. (2022). <i>European Patent No. EP 4098268 (A1)</i> . European Patent Office.	N 010 (50)	11.3.	LSMU (5)
1353.	MRU (0,3333)	6688222	Dong, B., Yu, Y., & Pereira, P. (2022). Non-growing season drought legacy effects on vegetation growth in southwestern China. <i>Science of The Total Environment</i> , vol. 846, p. 418-427. doi: 10.1016/j.scitotenv.2022.157334	N 006 (80)	11.2.	MRU (4,734)
1354.	MRU (0,8571)	6688249	Pereira, P., Inácio, M., Karnauskaitė, D., Bogdzevič, K., Gomes, E., & Kalinauskas, M. et al. (2022). Nature-Based Solutions Impact on Urban Environment Chemistry: Air, Soil, and Water. In <i>Nature- Based Solutions for Flood Mitigation: Environmental and Socio- Economic Aspects : [monograph] / editors: Ferreira, C.S.S., Kalantari, Z., Hartmann, T., Pereira, P.</i> (p. 79-137). Cham: Springer International Publishing.	N 012 (20)	11.1.	MRU (10,182)
1355.	MRU (0,6667)	6688340	Pereira, P., Kalinauskas, M., Das, M., Bogdzevič, K., Inácio, M., & Barcelo, D. (2022). Mapping and assessment of flood regulation supply and demand in Vilnius (Lithuania). In <i>Urban Soil and Water Degradation</i> (p. 113-133). Elsevier B.V.: Elsevier B.V.	N 006 (50)	11.1.	MRU (8,66)
1356.	GTC (0,0833)	6688742	Achatz, T., Martens, J., Kudlai, O., Junker, K., Boe, N., & Tkach, V. (2022). A new genus of diplostomids (Digenea: Diplostomoidea) from the Nile crocodile in South Africa with a key to diplostomid genera. <i>The journal of parasitology</i> , vol. 108(iss. 5), p. 453-466. doi: 10.1645/22-23	N 014 (100)	11.2.	GTC (0,819)
1357.	GTC (0,1667)	6688771	Andréina Pacheco, M., Junge, R., Menon, A., McRoberts, J., Valkiūnas, G., & Escalante, A. (2022). The evolution of primate malaria parasites: A study on the origin and diversification of Plasmodium in lemurs. <i>Molecular phylogenetics and evolution</i> , vol. 174, p. 1-14. doi: 10.1016/j.ympev.2022.107551	N 014 (100)	11.2.	GTC (2,578)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
1358.	GTC (0,1667)	6688785	Antosiak, A., Šulčius, S., Malec, P., Tokodi, N., Łobodzińska, A., & Dziga, D. (2022). Cyanophage infections reduce photosynthetic activity and expression of CO2 fixation genes in the freshwater bloom-forming cyanobacterium <i>Aphanizomenon flos-aquae</i> . <i>Harmful algae</i> , vol. 116, p. 1-9. doi: 10.1016/j.hal.2022.102215	N 012 (100)	11.2.	GTC (4,88)
1359.	GTC (0,0714)	6688799	Azeem, M., Zaman, T., Abbasi, A., Abid, M., Mozūraitis, R., & Alwahibi, M. et al. (2022). Pesticidal potential of some wild plant essential oils against grain pests <i>Tribolium castaneum</i> (Herbst, 1797) and <i>Aspergillus flavus</i> (Link, 1809). <i>Arabian journal of chemistry</i> , vol. 15(iss. 1), p. 1-12. doi: 10.1016/j.arabjc.2021.103482	N 012 (100)	11.2.	GTC (1,292)
1360.	GTC (0,5)	6688823	Aželytė, J., Platonova, E., Bensch, S., Hellgren, O., & Palinauskas, V. (2022). A comparative analysis of the dynamics of <i>Plasmodium relictum</i> (GRW4) development in the blood during single and co-infections. <i>Acta tropica</i> , vol. 226, p. 337-342. doi: 10.1016/j.actatropica.2021.106247	N 014 (100)	11.2.	GTC (6,566)
1361.	GTC (0,4444)	6688836	Aželytė, J., Wu-Chuang, A., Žiegytė, R., Platonova, E., Mateos-Hernandez, L., & Maye, J. et al. (2022). Anti-microbiota vaccine reduces avian malaria infection within mosquito vectors. <i>Frontiers in immunology</i> , vol. 13, p. 1-16. doi: 10.3389/fimmu.2022.841835	N 014 (100)	11.2.	GTC (8,557)
1362.	GTC (0,025)	6688853	Bailey, L., van de Pol, M., Adriaensen, F., Arct, A., Barba, E., & Bellamy, P. et al. (2022). Bird populations most exposed to climate change are less sensitive to climatic variation. <i>Nature communications</i> , vol. 13(iss. 1), p. 1-10. doi: 10.1038/s41467-022-29635-4	N 014 (100)	11.2.	GTC (2,565)
1363.	GTC (1)	6688929	Balčiauskas, L. (2022). Mammal status: Diversity, abundance and dynamics: an editorial. <i>Sustainability</i> , vol. 14(iss. 8), p. 1-3. doi: 10.3390/su14084823	N 014 (100)	11.2.	GTC (6,498)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
1364.	GTC (1)	6688938	Balčiauskas, L., & Balčiauskienė, L. (2022). Small mammal diversity changes in a Baltic country, 1975-2021: A review. <i>Life</i> , vol. 12(iss. 11), p. 1-16. doi: 10.3390/life12111887	N 014 (100)	11.2.	GTC (6,978)
1365.	GTC (0,5)	6688967	Balčiauskas, L., & Kawata, Y. (2022). Red deer in Lithuania: History, status and management. <i>Sustainability</i> , vol. 14(iss. 21), p. 1-18. doi: 10.3390/su142114091	N 014 (100)	11.2.	GTC (4,595)
1366.	GTC (1)	6688992	Balčiauskas, L., Stirkė, V., & Balčiauskienė, L. (2022). Rodent fertility in commercial orchards in relation to body mass and body condition. <i>Agriculture, ecosystems & environment</i> , vol. 329, p. 1-10. doi: 10.1016/j.agee.2022.107886	N 014 (100)	11.2.	GTC (11,29)
1367.	GTC (1)	6689022	Balčiauskas, L., Stratford, J., Kučas, A., & Balčiauskienė, L. (2022). Factors affecting roadkills of semi-aquatic mammals. <i>Biology-Basel</i> , vol. 11(iss. 5), p. 1-16. doi: 10.3390/biology11050748	N 014 (100)	11.2.	GTC (8,533)
1368.	GTC (0,2)	6689042	Ballesteros-Cánovas, J., Edvardsson, J., Corona, C., Mažeika, J., & Stoffel, M. (2022). Estimation of recent peat accumulation with tree saplings. <i>Progress in physical geography</i> , vol. 46(iss. 4), p. 515-529. doi: 10.1177/03091333211073786	N 005 (100)	11.2.	GTC (3,351)
1369.	GTC (0,25)	6689063	Benedek, B., Volynkin, A., Saldaitis, A., & Toth, B. (2022). On the taxonomy of the Conistra generic complex with descriptions of three new genera and a new species (Lepidoptera: Noctuidae: Noctuinae). <i>Zootaxa</i> , vol. 5141(iss. 5), p. 442-458. doi: 10.11646/zootaxa.5141.5.2	N 014 (100)	11.2.	GTC (2,471)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1370.	GTC (0,1)	6689093	Benovics, M., Mikulíček, P., Žákovcová, Z., Papežík, P., & Pantoja, C. (2022). Hidden in plain sight: novel molecular data reveal unexpected genetic diversity among paramphistome parasites (Digenea: Paramphistomoidea) of European water frogs. <i>Parasitology</i> , vol. 149(iss. 11), p. 1425-1438. doi: 10.1017/S003118202200083X	N 014 (100)	11.2.	GTC (1,284)
1371.	GTC (1)	6689110	Blažytė-Čereškienė, L., Aleknavičius, D., Apšegaitė, V., & Būda, V. (2022). Response of parasitic wasp <i>Cotesia glomerata</i> L. (Hymenoptera: Braconidae) to cabbage plants of two varieties: Olfactory spectra of males and females. <i>Journal of economic entomology</i> , vol. 115(iss. 5), p. 1464-1471. doi: 10.1093/jee/toac135	N 012 (100)	11.2.	GTC (8,696)
1372.	GTC (1)	6689122	Blažytė-Čereškienė, L., Būda, V., Apšegaitė, V., Radžiūtė, S., Būdienė, J., & Aleknavičius, D. et al. (2022). Sea buckthorn <i>Hippophae rhamnoides</i> and fruit flies <i>Rhagoletis batava</i> : Search for volatile semiochemicals involved in pest attraction. <i>Horticulturae</i> , vol. 8(iss. 2), p. 1-13. doi: 10.3390/horticulturae8020179	N 012 (100)	11.2.	GTC (8,382)
1373.	GTC (1)	6689151	Būda, V., Radžiūtė, S., Apšegaitė, V., Blažytė-Čereškienė, L., Čepulytė, R., & Bumbulytė, G. et al. (2022). Electroantennographic and behavioural responses of European cherry fruit fly, <i>Rhagoletis cerasi</i> , to the volatile organic compounds from sour cherry, <i>Prunus cerasus</i> , fruit. <i>Insects</i> , vol. 13(iss. 2), p. 1-12. doi: 10.3390/insects13020114	N 012 (100)	11.2.	GTC (11,13)
1374.	GTC (0,0385)	6689166	Bürger, J., Kůzmič, F., Šilc, U., Jansen, F., Bergmeier, E., & Chytrý, M. et al. (2022). Two sides of one medal: Arable weed vegetation of Europe in phytosociological data compared to agronomical weed surveys. <i>Applied vegetation science</i> , vol. 25(iss. 1), p. 389- 415. doi: 10.1111/avsc.12460	N 013 (100)	11.2.	GTC (1,175)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1375.	GTC (0,1429)	6689211	Bystřický, P., Rutová, T., Brož, V., Gajdošová, M., Juračka, P., & Copilas-Ciocianu, D. et al. (2022). Distribution patterns at different spatial scales reveal reproductive isolation and frequent syntopy among divergent lineages of an amphipod species complex in Western Carpathian streams. <i>Limnology and oceanography</i> , vol. 67(iss. 12), p. 2796-2808. doi: 10.1002/lno.12239	N 012 (100)	11.2.	GTC (2,425)
1376.	GTC (1)	6689225	Čepulytė, R., & Būda, V. (2022). Toward chemical ecology of plant-parasitic nematodes: Kairomones, pheromones, and other behaviorally active chemical compounds. <i>Journal of agricultural and food chemistry</i> , vol. 70(iss. 5), p. 1367-1390. doi: 10.1021/acs.jafc.1c04833	N 012 (100)	11.2.	GTC (10,425)
1377.	GTC (0,2)	6689235	Chen, E., Pan, Z., Volynkin, A., Saldaitis, A., & Benedek, B. (2022). Taxonomic review of the subgenus Tatsipolia Benedek, Behounek, Floriani & Saldaitis of the genus Dasypolia Guenee with descriptions of two new species from southern Xizang, China (Insecta, Lepidoptera, Noctuidae). <i>Zookeys</i> , (iss. 1115), p. 187- 198. doi: 10.3897/zookeys.1115.84527	N 014 (100)	11.2.	GTC (2,941)
1378.	GTC (0,25)	6689247	Chen, E., Pan, Z., Volynkin, V., & Saldaitis, A. (2022). Redescription of the genus Arcilasisa Walker with notes on its taxonomic placement (Lepidoptera: Noctuidae: Noctuinae). <i>Zootaxa</i> , vol. 5133(iss. 1), p. 143-150. doi: 10.11646/zootaxa. 5133.1.8	N 014 (100)	11.2.	GTC (2,471)
1379.	GTC (0,1111)	6689291	Combe, F., Juškaitis, R., Trout, R., Bird, S., Ellis, J., & Norrey, J. et al. (2022). Density and climate effects on age-specific survival and population growth: consequences for hibernating mammals. <i>Animal conservation</i> , 00, p. 1-14. doi: 10.1111/acv.12843	N 014 (100)	11.2.	GTC (2,409)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1380.	GTC (0,2778)	6689311	Copilaș-Ciocianu, D., Rewicz, T., Sands, A., Palatov, D., Marin, I., & Arbačiauskas, K. et al. (2022). A DNA barcode reference library for endemic Ponto-Caspian amphipods. <i>Scientific reports</i> , vol. 12 (1), p. 1-14. doi: 10.1038/s41598-022-15442-w	N 012 (100)	11.2.	GTC (4,404)
1381.	GTC (0,25)	6689331	Copilas-Ciocianu, D., Sarmanov, A., Sergaliyev, N., & Sidorov, D. (2022). <i>Turcogammarus aralensis</i> (Uljanin, 1875), a relict pontogammarid amphipod crustacean from the Aralo-Caspian paleobasin: redescription, phylogenetic position and biogeography. <i>Zootaxa</i> , vol. 5219(iss. 2), p. 101-120. doi: 10.11646/zootaxa.5219.2.1	N 014 (100)	11.2.	GTC (2,471)
1382.	GTC (1)	6689346	Copilaș-Ciocianu, D., & Šidagytė-Copilas, E. (2022). A substantial range expansion of alien Ponto-Caspian amphipods along the eastern Baltic Sea coast. <i>Oceanologia</i> , vol. 64(iss. 1), p. 227-232. doi: 10.1016/j.oceano.2021.09.005	N 012 (100)	11.2.	GTC (8,548)
1383.	GTC (0,4167)	6690947	Dainys, J., Gorfine, H., Mateos-González, F., Skov, C., Urbanavičius, R., & Audzijonytė, A. (2022). Angling counts: Harnessing the power of technological advances for recreational fishing surveys. <i>Fisheries research</i> , vol. 254, p. 1-11. doi: 10.1016/j.fishres.2022.106410	N 012 (100)	11.2.	GTC (6,333)
1384.	GTC (0,8889)	6690961	Dainys, J., Jakubavičiūtė, E., Gorfine, H., Kirka, M., Raklevičiūtė, A., & Morkvėnas, A. et al. (2022). Impacts of recreational angling on fish population recovery after a commercial fishing ban. <i>Fishes</i> , vol. 7(iss. 5), p. 1-17. doi: 10.1101/2022.03.07.483248	N 012 (100)	11.2.	GTC (11,164)
1385.	GTC (0,5)	6690982	Davydov, O., & Karaliūnas, V. (2022). Genetic diversity of inlet systems along non-tidal coasts: examples from the Black Sea and Sea of Azov (Ukraine). <i>Baltica</i> , vol. 35(iss. 2), p. 125-139. doi: 10.5200/baltica.2022.2.3	N 006 (100)	11.2.	GTC (3,5)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1386.	KTU (0,1111)	6693677	Balogun, A., Shekhar, H., Budryte, P., Okunola, O., Abdul-Kareem, T., & Abubakar, I. et al. (2022). Urban resilience in the fourth industrial revolution: transformative digitalization in European smart cities to address climate change. In <i>Resilient smart cities: theoretical and empirical insights: [monograph] / editors A. Sharifi, P. Salehi</i> (p. 355-373). Cham: Springer.	N 012 (90)	11.1.	KTU (4,05)
1387.	GTC (0,6667)	6693767	Dementavičius, D., Rumbutis, S., & Treinys, R. (2022). Spatial and temporal variation in breeding performance in the increasing White-tailed Eagle <i>Haliaeetus albicilla</i> population to the east of the Baltic Sea. <i>Bird study</i> , vol. 68(iss. 4), p. 462-476. doi: 10.1080/00063657.2022.2124954	N 012 (100)	11.2.	GTC (3,846)
1388.	GTC (0,3333)	6693793	Druzhinina, O., Gedminienė, L., & van den Berghe, K. (2022). Geochemical study of the Iron Age settlement occupational layer and the early Roman Time agricultural layer at Voorthuizen, The Netherlands. <i>Minerals</i> , vol. 12(iss. 3), p. 219-231. doi: 10.3390/min12030373	N 005 (100)	11.2.	GTC (4,764)
1389.	GTC (0,3333)	6693804	Druzhinina, O., Gedminienė, L., & van den Berghe, K. (2022). Metals in lake sediments as indicators of human activities in prehistory: Case study of the southeastern Baltic, Kamyshovoe Lake. <i>Minerals</i> , vol. 12(iss. 10), p. 1-13. doi: 10.3390/min12101216	N 005 (100)	11.2.	GTC (4,125)
1390.	GTC (0,1667)	6693827	Ellis, V., Kalbskopf, V., Ciloglu, A., Duc, M., Huang, X., & Inci, A. et al. (2022). Genomic sequence capture of <i>Plasmodium relictum</i> in experimentally infected birds. <i>Parasites & vectors</i> , vol. 15(iss. 1), p. 1-12. doi: 10.1186/s13071-022-05373-w	N 014 (100)	11.2.	GTC (3,211)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1391.	GTC (0,4)	6693844	Faltýnková, A., Kudlai, O., Pantoja, C., Yakovleva, G., & Lebedeva, D. (2022). Another plea for ‘best practice’ in molecular approaches to trematode systematics: Diplostomum sp. clade Q identified as Diplostomum baeri Dubois, 1937 in Europe. <i>Parasitology</i> , vol. 149(iss. 4), p. 503-518. doi: 10.1017/S0031182021002092	N 014 (100)	11.2.	GTC (5,137)
1392.	GTC (0,2)	6693857	Faltýnková, A., Kudlai, O., Salganskiy, O., Korol, E., & Kuzmina, T. (2022). Trematodes from Antarctic teleost fishes off Argentine Islands, West Antarctica: molecular and morphological data. <i>Systematic parasitology</i> , vol. 99(iss. 4), p. 491-523. doi: 10.1007/s11230-022-10041-9	N 014 (100)	11.2.	GTC (2,153)
1393.	GTC (0,0244)	6693870	Franić, I., Prospero, S., Adamson, K., Allan, E., Attorre, F., & Auger-Rozenberg, M. et al. (2022). Worldwide diversity of endophytic fungi and insects associated with dormant tree twigs. <i>Scientific Data</i> , vol. 9(iss. 1), p. 1-9. doi: 10.1038/s41597-022-01162-3	N 010 (100)	11.2.	GTC (2,085)
1394.	GTC (0,0196)	6693960	Gauld, J., Silva, J., Atkinson, P., Record, P., Acácio, M., & Arkumarev, V. et al. (2022). Hotspots in the grid: Avian sensitivity and vulnerability to collision risk from energy infrastructure interactions in Europe and North Africa. <i>Journal of applied ecology</i> , vol. 59(iss. 6), p. 1496-1512. doi: 10.1111/1365-2664.14160	N 012 (100)	11.2.	GTC (1,477)
1395.	GTC (1)	6694019	Gavelienė, V., & Jurkonienė, S. (2022). Probiotics enhance cereal yield and quality and modify agrochemical soil properties. <i>Microorganisms</i> , vol. 10(iss. 7), p. 1-15. doi: 10.3390/microorganisms10071277	N 010 (100)	11.2.	GTC (7,625)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1396.	GTC (1)	6694029	Gavelienė, V., Jurkonienė, S., Jankovska-Bortkevič, E., & Švegždienė, D. (2022). Effects of Elevated Temperature on Root System Development of Two Lupine Species. <i>Plants</i> , vol. 11(iss. 2), p. 1-12. doi: 10.3390/plants11020192	N 010 (100)	11.2.	GTC (9,326)
1397.	GTC (0,4)	6694052	Groff, T., Lorenz, T., Iezhova, T., Valkiūnas, G., & Sehgal, R. (2022). Description and molecular characterization of novel Leucocytozoon parasite (Apicomplexa: Haemosporida: Leucocytozoidae), Leucocytozoon polynuclearisn. sp. found in North American woodpeckers. <i>Systematic parasitology</i> , vol. 99 (iss. 1), p. 103-114. doi: 10.1007/s11230-021-10019-z	N 014 (100)	11.2.	GTC (3,045)
1398.	GTC (0,5)	6694070	Gudžinskas, Z., & Kazlauskas, M. (2022). The first record of Heracleum mantegazzianum Sommier & Levier (Apiaceae) in Lithuania. <i>Bioinvasions records</i> , vol. 11(iss. 2), p. 320-329. doi: 10.3391/bir.2022.11.2.03	N 013 (100)	11.2.	GTC (2,324)
1399.	GTC (1)	6694080	Gudžinskas, Z., & Taura, L. (2022). Do reproductive traits of invasive populations of Scotch broom, Cytisus scoparius (Fabaceae), outperform native populations? <i>Plants</i> , vol. 11(iss. 16), p. 1-22. doi: 10.3390/plants11162158	N 013 (100)	11.2.	GTC (9,326)
1400.	GTC (0,0833)	6694090	Hajkazemian, M., Hill, S., Mozūraitis, R., Ranford-Cartwright, L., Emami, S., & Ignell, R. (2022). Mosquito host-seeking diel rhythm and chemosensory gene expression is affected by age and Plasmodium stages. <i>Scientific reports</i> , vol. 12(iss. 1), p. 1-13. doi: 10.1038/s41598-022-23529-7	N 012 (100)	11.2.	GTC (1,321)
1401.	GTC (0,2)	6694104	Harl, J., Himmel, T., Valkiūnas, G., Ilgūnas, M., Nedorost, N., & Matt, J. et al. (2022). Avian haemosporidian parasites of accipitriform raptors. <i>Malaria journal</i> , vol. 21(iss. 1), p. 1-38. doi: 10.1186/s12936-021-04019-z	N 014 (100)	11.2.	GTC (2,257)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1402.	GTC (0,0122)	6694122	Harrison, S., Villegas-Diaz, R., Cruz-Silva, E., Gallagher, D., Kesner, D., & Lincoln, P. et al. (2022). The Reading Palaeofire Database: an expanded global resource to document changes in fire regimes from sedimentary charcoal records. <i>Earth system science data</i> , vol. 14(iss. 3), p. 1109-1124. doi: 10.5194/essd-14- 1109-2022	N 005 (100)	11.2.	GTC (1,983)
1403.	KTU (1)	6694920	Fyleris, T., Kriščiūnas, A., Gružas, V., Čalnerytė, D., & Barauskas, R. (2022). Urban change detection from aerial images using convolutional neural networks and transfer learning. <i>ISPRS international journal of geo-information</i> , vol. 11(iss. 4), p. 1-19. doi: 10.3390/ijgi11040246	N 009 (80)	11.2.	KTU (5,787)
1404.	GTC (0,5)	6695099	Ilgūnas, M., Himmel, T., Harl, J., Dagys, M., Valkiūnas, G., & Weissenböck, H. (2022). Exo-erythrocytic development of avian haemosporidian parasites in European owls. <i>Animals</i> , vol. 12(iss. 17), p. 1-23. doi: 10.3390/ani12172212	N 012 (40), N 014 (60)	11.2.	GTC (7,85)
1405.	GTC (0,2)	6695141	Ilyukhin, E., Markovskaja, S., Elgorban, A., Al-Rejaie, S., & Maharachchikumbura, S. (2022). Genomic characteristics and comparative genomics analysis of <i>Parafenestella ontariensis</i> sp. nov. <i>Journal of fungi</i> , vol. 8(iss. 7), p. 1-16. doi: 10.3390/jof8070732	N 013 (100)	11.2.	GTC (3,336)
1406.	GTC (0,0161)	6695200	Izdebski, A., Guzowski, P., Poniat, R., Masci, L., Palli, J., & Vignola, C. et al. (2022). Palaeoecological data indicates land-use changes across Europe linked to spatial heterogeneity in mortality during the Black Death pandemic. <i>Nature ecology and evolution</i> , vol. 6 (iss. 3), p. 297-306. doi: 10.1038/s41559-021-01652-4	N 005 (100)	11.2.	GTC (3,75)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1407.	GTC (0,3333)	6695270	Jakubowska, M., Białowas, M., Stankevičiūtė, M., Chomiczewska, A., Jonko-Sobuś, K., & Pažusienė, J. et al. (2022). Effects of different types of primary microplastics on early life stages of rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Science of the total environment</i> , vol. 808, p. 1-11. doi: 10.1016/j.scitotenv.2021.151909	N 012 (100)	11.2.	GTC (7,248)
1408.	GTC (1)	6695287	Jankauskienė, J., Mockevičiūtė, R., Gavelienė, V., Jurkonienė, S., & Anisimovienė, N. (2022). The application of auxin-like compounds promotes cold acclimation in the oilseed rape plant. <i>Life</i> , vol. 12 (iss. 8), p. 1-28. doi: 10.3390/life12081283	N 010 (100)	11.2.	GTC (6,978)
1409.	KTU (1)	6695361	Kopa, M., Sutiene, K., Kabasinskas, A., Lakstutiene, A., & Malakauskas, A. (2022). Dominance tracking index for measuring pension fund performance with respect to the benchmark. <i>Sustainability</i> , vol. 14(iss. 15), p. 1-28. doi: 10.3390/su14159532	N 001 (50)	11.2.	KTU (3,249)
1410.	KTU (1)	6695601	Lukauskas, M., Pilinkienė, V., Bruneckienė, J., Stundžienė, A., Grybauskas, A., & Ruzgas, T. (2022). Economic activity forecasting based on the sentiment analysis of news. <i>Mathematics</i> , vol. 10(iss. 19), p. 1-22. doi: 10.3390/math10193461	N 001 (30), N 009 (20)	11.2.	KTU (7,462)
1411.	KTU (1)	6695803	Paulauskaite-Taraseviciene, A., Lagzdinyte-Budnike, I., Gaiziuniene, L., Sukacke, V., & Daniuseviciute-Brazaite, L. (2022). Assessing education for sustainable development in engineering study programs: a case of AI ecosystem creation. <i>Sustainability</i> , vol. 14(iss. 3), p. 1-24. doi: 10.3390/su14031702	N 009 (50)	11.2.	KTU (3,249)
1412.	KTU (1)	6695887	Rapsikevičius, J., Bruneckienė, J., Krušinskas, R., & Lukauskas, M. (2022). The impact of structural reforms on sustainable development performance: evidence from European Union countries. <i>Sustainability</i> , vol. 14(iss. 19), p. 1-18. doi: 10.3390/su141912583	N 009 (30)	11.2.	KTU (1,949)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
1413.	KTU (0,6667)	6696360	Andrijauskiene, M., Ioannidis, D., & Dumciuvienė, D. (2022). Towards AI-based R&I investment efficiency evaluation: case of EU. <i>Proceedings of the XXXIII ISPIM innovation conference "Innovating in a digital world", 5-8 June 2022, Copenhagen, Denmark / editors: L. Bitetti, I. Bitran, S. Conn, J. Fishburn, E. Huizingh, M. Torkkeli, J. Yang</i> , p. 1-8.	N 009 (20)	11.00	KTU (–)
1414.	GTC (0,3333)	6696575	Jaskulska, A., Šulčius, S., Kokociński, M., Koreivienė, J., Font Nájera, A., & Mankiewicz-Boczek, J. (2022). Cyanophage distribution across European lakes of the temperate-humid continental climate zone assessed using PCR-based genetic markers. <i>Microbial ecology</i> , vol. 83, p. 284-295. doi: 10.1007/s00248-021-01783-y	N 012 (100)	11.2.	GTC (5,498)
1415.	GTC (0,2)	6696656	Jeske, K., Schulz, J., Tekemen, D., Balčiauskas, L., Balčiauskienė, L., & Hiltbrunner, M. et al. (2022). Cocirculation of Leptospira spp. and multiple orthohantaviruses in rodents, Lithuania, Northern Europe. <i>Transboundary and emerging diseases</i> , vol. 69 (iss. 5), p. 3196-3201. doi: 10.1111/tbed.14470	N 014 (100)	11.2.	GTC (5,442)
1416.	GTC (0,025)	6696675	Jiroušek, M., Peterka, T., Chytrý, M., Jiménez-Alfaro, B., Kuznetsov, O., & Pérez-Haase, A. et al. (2022). Classification of European bog vegetation of the Oxycocco-Sphagnetea class. <i>Applied vegetation science</i> , vol. 25(iss. 1), p. 1-10. doi: 10.1111/avsc.12646	N 013 (100)	11.2.	GTC (0,976)
1417.	GTC (0,0435)	6696733	Johansson, Å., Bingen, B., Huhma, H., Waight, T., Vestergaard, R., & Soesoo, A. et al. (2022). A geochronological review of magmatism along the external margin of Columbia and in the Grenville-age orogens forming the core of Rodinia. <i>Precambrian research</i> , vol. 371, p. 1-43. doi: 10.1016/j.precamres.2021.106463	N 005 (100)	11.2.	GTC (1,551)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1418.	GTC (1)	6696780	Juozaitytė-Ngugu, E., Butkauskas, D., Švažas, S., & Prakas, P. (2022). Investigations on Sarcocystis species in the leg muscles of the bird family Corvidae in Lithuania. <i>Parasitology research</i> , vol. 121(iss. 2), p. 703-711. doi: 10.1007/s00436-021-07409-z	N 010 (80), N 012 (20)	11.2.	GTC (5,684)
1419.	GTC (0,0357)	6696846	Kadej, M., Zając, K., Gutowski, J., Jaworski, T., Plewa, R., & Ruta, R. et al. (2022). Disentangling phylogenetic relations and biogeographic history within the Cucujus haematodes species group (Coleoptera: Cucujidae). <i>Molecular phylogenetics and evolution</i> , vol. 173, p. 1-12. doi: 10.1016/j.ympev.2022.107527	N 014 (100)	11.2.	GTC (1,295)
1420.	KTU (1)	6697261	Dubauskiene, N., Kumpikaite-Valiuniene, V., Valinevicius, A., Andriukaitis, D., Baryniene, J., & Jakstiene, V. et al. (2022). The students' perspective of the engineering education during the pandemic and afterward. <i>EAEIE 2022: proceedings of the 2022 31st annual conference of the European association for education in electrical and information engineering (EAEIE), Coimbra, Portugal, 29 June - 1 July, 2022 / F. Lopes, I. Fonseca (eds.)</i> , p. 132-135. doi: 10.1109/EAEIE54893.2022.9820202			KTU (ks)
1421.	KTU (1)	6697378	Kabašinskas, A., Kopa, M., Šutienė, K., Lakštutienė, A., & Malakauskas, A. (2022). Performance evaluation of Lithuanian II pillar pension funds using rolling window technique. <i>Mathematical methods in economics 2022: 40th international conference, 7 – 9 September 2020, Jihlava, Czech Republic: proceedings</i> , p. 154-160.			KTU (ks)
1422.	KTU (1)	6697544	Lukauskas, M., Pilinkienė, V., Bruneckienė, J., Stundžienė, A., & Grybauskas, A. (2022). Automated system and machine learning application in economic activity monitoring and nowcasting. <i>Information and software technologies: 28th international conference, ICIST 2022, Kaunas, Lithuania, October 13–15, 2022: proceedings / A. Lopata, D. Gudonienė, R. Butkienė (eds.)</i> , p. 102-113. doi: 10.1007/978-3-031-16302-9	N 001 (30), N 009 (20)	11.00	KTU (–)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
1423.	KTU (1)	6697835	Pranaitytė, G., & Narkevičienė, B. (2022). Matematikos valstybinio brandos egzamino užduoties ir rezultatų kaitos 2012– 2021 metais kai kurie aspektai. <i>Lietuvos matematikos rinkinys, Ser. B, t. 63</i> , p. 71-81. doi: 10.15388/LMR.2022.29760			KTU (ks)
1424.	MRU (0,3333)	6698231	Hua, T., Zhao, W., & Pereira, P. (2022). Opinionated Views on Grassland Restoration Programs on the Qinghai-Tibetan Plateau. <i>Frontiers in Plant Science, vol. 13</i> , p. 112-119. doi: 10.3389/fpls. 2022.861200	N 012 (80)	11.2.	MRU (4,192)
1425.	MRU (0,7222)	6698254	Inácio, M., Gomes, E., Bogdzevič, K., Kalinauskas, M., Zhao, W., & Pereira, P. (2022). Mapping and assessing coastal recreation cultural ecosystem services supply, flow, and demand in Lithuania. <i>Journal of environmental management, vol. 323</i> , p. 1- 20. doi: 10.1016/j.jenvman.2022.116175	N 006 (10)	11.2.	MRU (1,422)
1426.	GTC (1)	6701953	Kalvaitienė, M., & Jukonienė, I. (2022). Habitat preferences of <i>Hamatocaulis vernicosus</i> at the junction of continental and boreal phytogeographical regions (Lithuania). <i>Boreal environment research, vol. 27</i> , p. 81-96. doi: 10.1254/rehitr.1258.0125	N 013 (100)	11.00	GTC (–)
1427.	GTC (1)	6702020	Karpavičienė, B. (2022). Traditional uses of medicinal plants in South-Western part of Lithuania. <i>Plants, vol 11</i> (iss. 16), p. 1-18. doi: 10.3390/plants11162093	N 013 (100)	11.2.	GTC (9,326)
1428.	GTC (0,2222)	6702037	Khoma, V., Martinyuk, V., Matskiv, T., Gnatyshyna, L., Baranovsky, V., & Gladiuk, M. et al. (2022). Environmental concentrations of Roundup in combination with chlorpromazine or heating causes biochemical disturbances in the bivalve mollusc <i>Unio tumidus</i> . <i>Environmental science and pollution research, vol. 29</i> (iss. 10), p. 14131-14142. doi: 10.1007/s11356- 021-16775-1	N 012 (100)	11.2.	GTC (3,174)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
1429.	GTC (1)	6702070	Kitrytė, N., Križanauskienė, A., & Baltrūnaitė, L. (2022). Ecological indices and factors influencing communities of ectoparasitic laelapid mites (Acari, Mesostigmata, Laelapidae) of small mammals in Lithuania. <i>Journal of vector ecology</i> , vol. 47(iss. 1), p. 99-108. doi: 10.52707/1081-1710-47.1.99	N 014 (100)	11.2.	GTC (7,174)
1430.	GTC (0,125)	6702090	Korzhenkova, L., Korzhenkov, A., Strelnikov, A., Starikova, A., Kichutkin, A., & Makeev, V. et al. (2022). Strong earthquakes on the southern slope of the Kungei Ala-Too Range, Northern Tien Shan, and their structural position in the earth's crust. <i>Izvestiya - Atmospheric and ocean physics</i> , vol. 58(iss. 7), p. 724-747. doi: 10.1134/S0001433822070064	N 005 (100)	11.00	GTC (–)
1431.	GTC (0,1)	6702122	Korzhenkov, A., Deev, E., Korzhenkova, L., Liu, J., Mažeika, Y., & Rogozhin, E. et al. (2022). Strong seismic activity of the Terskey Ala-Too Range Adyrs, Northern Tien Shan, in the Holocene from radiocarbon analysis data. <i>Izvestiya, physics of the solid earth</i> , vol. 58(iss. 2), p. 243-266. doi: 10.1134/S1069351322010049	N 005 (100)	11.2.	GTC (1,2)
1432.	GTC (0,2)	6702140	Kosiba, J., Krztoń, W., Koreivienė, J., Tarcz, S., & Wilk-Woźniak, E. (2022). Interactions between ciliate species and Aphanizomenon flos-aquae vary depending on the morphological form and biomass of the diazotrophic cyanobacterium. <i>International journal of environmental research and public health</i> , vol. 19(iss. 22), p. 1-11. doi: 10.3390/ijerph192215097	N 012 (100)	11.00	GTC (–)
1433.	GTC (0,0714)	6702165	Kumar, S., Ahmad, R., Saeed, S., Azeem, M., Mozūraitis, R., & Borg-Karlson, A. et al. (2022). Chemical composition of fresh leaves headspace aroma and essential oils of four Coriander cultivars. <i>Frontiers in plant science</i> , vol. 13, p. 1-9. doi: 10.3389/fpls.2022.820644	N 012 (100)	11.2.	GTC (1,945)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1434.	GTC (0,0833)	6702188	Laas, M., Adamson, K., Barnes, I., Janoušek, J., Mullett, M., & Adamčíková, K. et al. (2022). Diversity, migration routes, and worldwide population genetic structure of <i>Lecanosticta acicola</i> , the causal agent of brown spot needle blight. <i>Molecular plant pathology</i> , vol. 23(iss. 11), p. 1620-1639. doi: 10.1111/mpp.13257	N 013 (100)	11.2.	GTC (3,624)
1435.	GTC (0,0025)	6702236	Lembrechts, J., van den Hoogen, J., Aalto, J., Ashcroft, M., De Frenne, P., & Kemppinen, J. et al. (2022). Global maps of soil temperature. <i>Global change biology</i> , vol. 28(iss. 9), p. 3110- 3144. doi: 10.1111/gcb.16060	N 013 (100)	11.2.	GTC (0,701)
1436.	GTC (0,5)	6702684	Levinskaitė, L., & Vaičekauskytė, V. (2022). Control of fungi isolated from cereals: variations in the susceptibility of fungal species to essential oils, ozone, and UV-C. <i>International journal of food science and technology</i> , vol. 57(iss. 10), p. 6389-6398. doi: 10.1111/ijfs.15944	N 012 (100)	11.2.	GTC (3,179)
1437.	GTC (0,0667)	6702703	Leyhausen, J., Cocchiararo, B., Nowak, C., Ansorge, H., Bertolino, S., & Büchner, S. et al. (2022). Genotyping-by-sequencing based SNP discovery in a non-model rodent, the endangered hazel dormouse. <i>Conservation genetics resources</i> , vol. 14(is. 2), p. 195-201. doi: 10.1007/s12686-022-01253-8	N 014 (100)	11.2.	GTC (0,822)
1438.	GTC (0,125)	6702726	Lindmark, M., Audzijonytė, A., Blanchard, J., & Gårdmark, A. (2022). Temperature impacts on fish physiology and resource abundance lead to faster growth but smaller fish sizes and yields under warming. <i>Global change biology</i> , vol. 28(iss. 21), p. 6239- 6253. doi: 10.1111/gcb.16341	N 012 (100)	11.2.	GTC (3,997)
1439.	GTC (1)	6702748	Ložienė, K., & Vaičiulytė, V. (2022). Geraniol and carvacrol in essential oil bearing <i>Thymus pulegioides</i> : Distribution in natural habitats and phytotoxic effect. <i>Molecules</i> , vol. 27(iss. 3), p. 1-15. doi: 10.3390/molecules27030986	N 013 (100)	11.2.	GTC (7,154)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1440.	GTC (0,75)	6703583	Rybakovas, A., Arbačiauskas, K., Markovskaja, V., & Jokšas, K. (2020). Contamination and genotoxicity biomarker responses in bivalve mussels from the major Lithuanian rivers. <i>Environmental and molecular mutagenesis</i> , 61(3), 338-354. doi: DOI: 10.1002/em.22336.	N 005 (20), N 012 (80)	11.2.	GTC (4,386)
1441.	GTC (0,2)	6703597	Minkevičius, K., Podėnas, V., Urbonaitė-Ubė, M., Ubis, E., & Kisieliienė, D. (2020). New evidence on the southeast Baltic Late Bronze Age agrarian intensification and the earliest AMS dates of <i>Lens culinaris</i> and <i>Vicia faba</i> . <i>Vegetation History and Archaeobotany</i> , 29 (3): 327–338., 29(3), 327–338. doi: https://doi.org/10.1007/s00334-019-00745-2	N 005 (80), N 013 (20)	11.2.	GTC (1,404)
1442.	GTC (0,1429)	6703612	Stephan Drewes, S., Kathrin Jeske, K., Petra Straková, P., Linas Balčiauskas, L., René Ryll, R., & Laima Balčiauskienė, L. et al. (2021). Drewes, S., Jeske, K., Strakova, P., Balčiauskas, L., Ryll, R., Balčiauskienė, L., Kohlhause, D., Schnidrig, G.A., Hiltbrunner, M., Spakova, A., Insodaitė, R., Burneikienė, R.P., Heckel, G., Ulrich, R.G. 2021. Identification of a novel hantavirus strain in the root vole (<i>Microtus oeconomus</i>) in Lithuania, Eastern Europe. <i>Infection Genetics and Evolution</i> , 90: art. no. 104520. <i>Infection Genetics and Evolution</i> , 90, 104520. doi: https://doi.org/10.1016/j.meegid.2020.104520	N 014 (100)	11.2.	GTC (1,812)
1443.	GTC (0,6667)	6703657	Starkevič, P., & Podėnas, S. (2022). <i>Tipula (Vestiplex) levisoni</i> Starkevich and Podenas. <i>Neteikama</i> . urn:lsid:zoobank.org:act:7D95A140-6F3B-4577-8862-F.	N 014 (100)	11.7.	GTC (14,142)
1444.	GTC (1)	6703667	Remeikis, A. (2022). <i>Ectoedemia multicristata</i> Remeikis. <i>Neteikama</i> . urn:lsid:zoobank.org:act:7DFCC5C2-6775-4750-A7FB-4.	N 014 (100)	11.7.	GTC (15)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1445.	VU (0,1666)	6704158	Mirsanaye, K., Uribe Castaño, L., Kamaliddin, Y., Golaraei, A., Kontenis, L., & Žurauskas, E. et al. (2022). Unsupervised determination of lung tumor margin with widefield polarimetric second-harmonic generation microscopy. <i>Scientific reports</i> , vol. 12, p. [1-13]. doi: 10.1038/s41598-022-24973-1	N 002 (50), N 011 (50)	11.2.	VU (2,412)
1446.	GTC (0,25)	6704454	Lutovinovas, E., Kanavalová, L., Bartákv, M., & Kokan, B. (2022). New data on the diversity and distribution of the Balkan Tachinidae (Diptera: Oestroidea). <i>Acta zoologica Bulgarica</i> , 74(2), 175-182.	N 014 (100)	11.2.	GTC (1,758)
1447.	GTC (0,4)	6704466	Machač, O., Ivinskis, P., Rimšaitė, J., Horňák, O., & Tuf, I. (2022). In the shadow of cormorants: Succession of avian colony affects selected groups of ground dwelling predatory arthropods. <i>Forests</i> , vol. 13(iss. 2), p. 1-13. doi: 10.3390/f13020330	N 014 (100)	11.2.	GTC (4,959)
1448.	GTC (0,1667)	6704493	Maitre, A., Wu-Chuang, A., Aželytė, J., Palinauskas, V., Mateos-Hernández, L., & Obregon, D. et al. (2022). Vector microbiota manipulation by host antibodies: the forgotten strategy to develop transmission-blocking vaccines. <i>Parasites and vectors</i> , vol. 15(iss. 1), p. 1-12. doi: 10.1186/s13071-021-05122-5	N 014 (100)	11.2.	GTC (4,061)
1449.	GTC (1)	6704528	Makaras, T., & Stankevičiūtė, M. (2022). Swimming behaviour in two ecologically similar three-spined (<i>Gasterosteus aculeatus</i> L.) and nine-spined sticklebacks (<i>Pungitius pungitius</i> L.): a comparative approach for modelling the toxicity of metal mixtures. <i>Environmental science and pollution research</i> , vol. 29 (iss. 10), p. 14479-14496. doi: 10.1007/s11356-021-16783-1	N 012 (100)	11.2.	GTC (8,246)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1450.	GTC (0,5)	6704546	Makarikov, A., & Binkienė, R. (2022). Redescription and taxonomic position of <i>Rodentolepis</i> (sensu lato) <i>asymmetrica</i> (Janicki, 1904), with the erection of <i>Kontrimavichusia</i> n. g. (Eucestoda: Hymenolepididae) from arvicoline rodents (Rodentia: Cricetidae). <i>Journal of helminthology</i> , vol. 96, p. 1-19. doi: 10.1017/S0022149X22000505	N 014 (100)	11.2.	GTC (5,625)
1451.	GTC (1)	6704563	Marandykina-Prakienė, A., Butkauskas, D., Gudiškis, N., Juozaitytė-Ngugu, E., Januškevičius, V., & Rudaitytė-Lukošienė, E. et al. (2022). Molecular identification of <i>Sarcocystis</i> species in sheep from Lithuania. <i>Animals</i> , vol. 12(iss. 16), p. 1-13. doi: 10.3390/ani12162048	N 010 (100)	11.2.	GTC (11,103)
1452.	GTC (0,0067)	6704578	Marsh, C., Sica, Y., Burgin, C., Dorman, W., Anderson, R., & del Toro Mijares, I. et al. (2022). Expert range maps of global mammal distributions harmonised to three taxonomic authorities. <i>Journal of biogeography</i> , vol. 49(iss. 5), p. 979-992. doi: 10.1111/jbi.14330	N 014 (100)	11.2.	GTC (0,637)
1453.	GTC (0,2222)	6704734	Martyniuk, V., Gylytė, B., Matskiv, T., Khoma, V., Tulaidan, H., & Gnatyshyna, L. et al. (2022). Stress responses of bivalve mollusc <i>Unio tumidus</i> from two areas to ibuprofen, microplastic and their mixture. <i>Ecotoxicology</i> , vol. 31(iss. 9), p. 1369-1381. doi: 10.1007/s10646-022-02594-8	N 012 (100)	11.2.	GTC (2,585)
1454.	GTC (0,1818)	6704751	Martyniuk, V., Khoma, V., Matskiv, T., Baranovsky, V., Orlova- Hudim, K., & Gylytė, B. et al. (2022). Indication of the impact of environmental stress on the responses of the bivalve mollusk <i>Unio tumidus</i> to ibuprofen and microplastics based on biomarkers of reductive stress and apoptosis. <i>Comparative biochemistry and physiology Part - C: Toxicology and pharmacology</i> , vol. 261, p. 1-13. doi: 10.1016/j.cbpc.2022.109425	N 012 (100)	11.2.	GTC (3,609)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1455.	GTC (0,25)	6704775	Mischenko, A., Sukhanova, O., Švažas, S., Meshcheriakova, N., Perkovskii, M., & Strelkov, V. et al. (2022). Internationally important stopover area for the globally-threatened Common Pochard Aythya ferina in the Volga River delta. <i>Wildfowl</i> , vol. 72, p. 164-173.	N 012 (100)	11.2.	GTC (4,429)
1456.	GTC (0,8571)	6704791	Mockevičiūtė, R., Jurkonienė, S., Gavelienė, V., Jankovska- Bortkevič, E., Šocik, B., & Armalytė, G. et al. (2022). Effects induced by the agricultural application of probiotics on antioxidant potential of strawberries. <i>Plants</i> , vol. 11(iss. 6), p. 1- 14. doi: 10.3390/plants11060831	N 010 (100)	11.2.	GTC (11,304)
1457.	GTC (0,125)	6704806	Morhun, H., Copilas-Ciocianu, D., Rewicz, T., Son, M., Khomenko, A., & Huseynov, M. et al. (2022). Molecular markers and SEM imaging reveal pseudocryptic diversity within the Ponto-Caspian low-profile amphipod invader Dikerogammarus bispinosus. <i>European zoological journal</i> , vol. 89(iss. 1), p. 87-101. doi: 10.1080/24750263.2021.2018056	N 012 (100)	11.2.	GTC (2,882)
1458.	GTC (0,3)	6704830	Morhun, H., Son, M., Rewicz, T., Kazanavičiūtė, E., & Copilas- Ciocianu, D. (2022). The first records of Niphargus hrabei and N. potamophilus in Ukraine and Bulgaria significantly enlarge the ranges of these species. <i>European zoological journal</i> , vol. 89(iss. 1), p. 1191-1200. doi: 10.1080/24750263.2022.2126534	N 012 (100)	11.2.	GTC (5,647)
1459.	GTC (1)	6704847	Mozūraitis, R., Apšegaitė, V., Radžiutė, S., Aleknavičius, D., Būdienė, J., & Stanevičienė, R. et al. (2022). Volatiles Produced by Yeasts Related to Prunus avium and P. cerasus Fruits and Their Potentials to Modulate the Behaviour of the Pest Rhagoletis cerasi Fruit Flies. <i>Journal of fungi</i> , vol. 8(iss. 2), p. 1-15. doi: 10.3390/jof8020095	N 010 (50), N 012 (50)	11.2.	GTC (8,34)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1460.	GTC (0,0172)	6704880	Mueller, G., Cunha, K., May, T., Allen, J., Westrip, J., & Canteiro, C. et al. (2022). What do the first 597 global fungal Red List assessments tell us about the threat status of fungi? <i>Diversity</i> , vol. 14(iss. 9), p. 1-23. doi: 10.3390/d14090736	N 013 (100)	11.2.	GTC (0,592)
1461.	GTC (0,25)	6704957	Olszewski, P., Bogusch, P., Hebda, G., & Budrys, E. (2022). Nesting behaviour and description of mature larva of <i>Lindenius albilabris</i> (Fabricius, 1793) (Hymenoptera: Crabronidae). <i>European zoological journal</i> , vol. 89(iss. 1), p. 1040-1048. doi: 10.1080/24750263.2022.2105962	N 012 (100)	11.2.	GTC (4,706)
1462.	MRU (1)	6704968	Žilinskienė, I. (2022). Insights from Empirical Results on Robotics in Early Childhood Education: Lithuanian Case. <i>TEM Journal</i> , vol. 11(iss. 3), p. 1103-1107. doi: 10.18421/TEM113-15	N 001 (20)	11.00	MRU (–)
1463.	MRU (0,3333)	6705075	Yin, C., Zhao, W., & Pereira, P. (2022). Meteorological factors' effects on COVID-19 show seasonality and spatiality in Brazil. <i>Environmental research</i> , vol. 208, p. 1856-1861. doi: 10.1016/j.envres.2022.112690	N 012 (80)	11.2.	MRU (4,639)
1464.	MRU (0,25)	6705099	Wang, J., Zhao, W., Wang, G., & Pereira, P. (2022). Afforestation changes the trade-off between soil moisture and plant species diversity in different vegetation zones on the Loess Plateau. <i>Catena</i> , vol. 219(December), p. 1-4. doi: 10.1016/j.catena. 2022.106583	N 006 (100)	11.2.	MRU (5,175)
1465.	VU (0,3333)	6705111	Banys, J., Džiaugys, A., Glukhov, K., Morozovska, A., Morozovsky, N., & Vysochanskii, Y. (2022). <i>Van der Waals ferroelectrics: properties and device applications of phosphorous chalcogenides</i> . Weinheim: Wiley-VCH.	N 002 (100)	11.1.	VU (164,834)
1466.	GTC (0,3333)	6705324	Müller, G., Saldaitis, A., & Volynkin, A. (2022). <i>Ocnogyna mooseri</i> Müller, Saldaitis & Volynkin, . - . urn:lsid:zoobank.org:act: 486D6983-85F7-4C1D-B2B3-6.	N 014 (100)	11.7.	GTC (8,66)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
1467.	GTC (0,3333)	6705397	Saldaitis, A., Benedek, B., & Volynkin, A. (2022). Himalaea batanga Saldaitis, Benedek & Volynkin, 2022. -. urn:lsid:zoobank.org:act:44073F79-1647-4E78-B4A7-1.	N 014 (100)	11.7.	GTC (8,66)
1468.	GTC (0,2)	6705471	Chen, E., Pan, Z., Volynkin, A., Saldaitis, A., & Benedek, B. (2022). Dasypolia cerritula Chen, Pan, Volynkin, Saldaitis & Benedek, 2022. -. urn:lsid:zoobank.org:act:CC24CD6D-E613- 4517-8E36-9.	N 014 (100)	11.7.	GTC (5,196)
1469.	GTC (0,2)	6705484	Chen, E., Pan, Z., Volynkin, A., Saldaitis, A., & Benedek, B. (2022). Dasypolia sejilaensis Chen, Pan, Volynkin, Saldaitis & Benedek, 2022. -. urn:lsid:zoobank.org:act:9AD848DE-FFAF- 4D00-B6E2-C.	N 014 (100)	11.7.	GTC (5,196)
1470.	GTC (0,25)	6705514	Volynkin, A., Černý, K., Huang, S., & Saldaitis, A. (2022). Barsine evrys Volynkin, Černý, Huang & Saldaitis, 2022. -. urn:lsid:zoobank.org:act:B666D662-E9F5-44B9-954C-2.	N 014 (100)	11.7.	GTC (7,5)
1471.	GTC (0,25)	6705542	VOLYNKIN, A., ČERNÝ, K., HUANG, S., & SALDAITIS, A. (2022). Barsine laotiana Volynkin, Černý, Huang & Saldaitis, 2022. -. urn:lsid:zoobank.org:act:5ABFBF4D-F781-4BE4-86D7-5.	N 014 (100)	11.7.	GTC (7,5)
1472.	GTC (0,25)	6705562	VOLYNKIN, A., ČERNÝ, K., HUANG, S., & SALDAITIS, A. (2022). Barsine robusta Volynkin, Černý, Huang & Saldaitis, 2022. -. urn:lsid:zoobank.org:act:889491E2-83E6-4742-BB3D-1.	N 014 (100)	11.7.	GTC (7,5)
1473.	GTC (0,25)	6705583	Volynkin, A., Černý, K., Huang, S., & Saldaitis, A. (2022). Volynkin, Anton V., Karel Černý, Si-Yao Huang & Aidas Saldaitis. 2022. On the taxonomy of Barsine striata (Bremer & Grey) and Barsine pulchra (Butler) (Lepidoptera: Erebidae: Arctiinae) with descriptions of three new species from Indochina. Zootaxa 5175 (2): 253-274. Zootaxa, 5175(2), 253-274. doi: 10.11646/zootaxa. 5175.2.4	N 014 (100)	11.2.	GTC (2,853)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
1474.	GTC (0,25)	6705602	BENEDEK, B., VOLYNKIN, A., SALDAITIS, A., & TÓTH, B. (2022). Marcinistra leichina Benedek, Volynkin, Saldaitis & Tóth, 2022. -. urn:lsid:zoobank.org:act:CB1A3918-471D-4B96-8F96-F.	N 014 (100)	11.7.	GTC (6,495)
1475.	GTC (0,25)	6705627	BENEDEK, B., VOLYNKIN, A., SALDAITIS, A., & TÓTH, B. (2022). Baimistra Benedek, Volynkin, Saldaitis & Tóth, 2022. -. urn:lsid:zoobank.org:act:11E7575F-0A06-450A-94D2-7.	N 014 (100)	11.7.	GTC (6,495)
1476.	GTC (0,25)	6705639	Balázs, B., Volynkin, A., Saldaitis, A., & Tóth, B. (2022). Marcinistra Benedek, Volynkin, Saldaitis & Tóth, 2022. -. urn:lsid:zoobank.org:act:F96A57C1-C28A-402C-8A41-C.	N 014 (100)	11.7.	GTC (6,495)
1477.	GTC (0,25)	6705650	Benedek, B., Volynkin, A., Saldaitis, A., & Tóth, B. (2022). Vargalorta Benedek, Volynkin, Saldaitis & Tóth, 2022. -. urn:lsid:zoobank.org:act:7206A509-72C7-40C1-8B7D-8.	N 014 (100)	11.7.	GTC (6,495)
1478.	KTU (0,5)	6706536	Vailionis, A. (2022). Strain engineering during epitaxial growth of oxides. In <i>Epitaxial growth of complex metal oxides: 2nd edition / G. Koster, G. Rijnders, M. Huijben (eds.)</i> (p. 159-197). Kidlington: Woodhead publishing.	N 002 (100)	11.00	KTU (–)
1479.	KTU (1)	6706707	Adomėnienė, A., & Venskutonis, P. (2022). Dioscorea spp.: comprehensive review of antioxidant properties and their relation to phytochemicals and health Benefits. <i>Molecules</i> , vol. 27(iss. 8), p. 1-34. doi: 10.3390/molecules27082530	N 003 (100)	11.2.	KTU (7,154)
1480.	KTU (0,125)	6706769	Al-hababi, T., Cao, M., Alkayem, N., Shi, B., Wei, Q., & Cui, L. et al. (2022). The dual Fourier transform spectra (DFTS): a new nonlinear damage indicator for identification of breathing cracks in beam-like structures. <i>Nonlinear dynamics</i> , vol. 110(iss. 3), p. 2611-2633. doi: 10.1007/s11071-022-07743-6	N 001 (100)	11.2.	KTU (3,202)
1481.	GTC (0,3333)	6706923	VOLYNKIN, A., SALDAITIS, A., & HUANG, S. (2022). Manulea diaforetica Volynkin, Saldaitis & Huang, 2022. -. urn:lsid:zoobank.org:act:95BF728A-5B74-441C-89B1-7.	N 014 (100)	11.7.	GTC (8,66)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1482.	GTC (0,3333)	6706965	VOLYNKIN, A., SALDAITIS, A., & HUANG, S. (2022). Manulea salweena Volynkin, Saldaitis & Huang, 2022. -. urn:lsid:zoobank.org:act:1C35EA15-0368-44A3-90F5-E.	N 014 (100)	11.7.	GTC (8,66)
1483.	GTC (0,3333)	6707020	Volynkin, A., Saldaitis, A., & Huang, S. (2022). Volynkin, Anton V., Aidas Saldaitis & Si-Yao Huang. 2022. Taxonomic review of M. nulea (M.) tienmushanica (Daniel), comb. nov., and its allies with descriptions of two new species from mainland China (Lepidoptera: Erebididae: Arctiinae). Zootaxa 5182(4): 389-398. Zootaxa, 5182(4), 389-398. doi: DOI: 10.11646/zootaxa.5182.4.5	N 014 (100)	11.2.	GTC (3,294)
1484.	GTC (0,1)	6707153	Prozorov, A., Prozorova, T., Volkova, J., Yakovlev, R., Sitar, C., & Saldaitis, A. et al. (2022). Pachypasa hausmanni Prozorov, Prozorova, Volkova, Yakovlev, Sitar, Saldaitis, Petrányi, Revay, Müller & Müller, 2022. -. urn:lsid:zoobank.org:act:0CB80B5E- 168C-4967-8158-3.	N 014 (100)	11.7.	GTC (4,743)
1485.	GTC (0,1111)	6707204	Prozorov, A., Prozorova, T., Volkova, J., Yakovlev, R., Sitar, C., & Saldaitis, A. et al. (2022). Prozorov, Alexey M., Tatiana A. Prozorova, Julia S. Volkova, Roman V. Yakovlev, Cristian Sitar, Aidas Saldaitis, Gergely Petrányi, Edita E. Revay & Günter C. Müller. 2022. Notes on Pachypasa otus and the description of a new Iranian Pachypasa species (Lepidoptera, Lasiocampidae, Lasiocampinae, Lasiocampini). Ecologica Montenegrina 56: 14-27. Ecologica Montenegrina, 56, 14-27. doi: https://doi.org/10.37828/em.2022.56.3	N 014 (100)	11.00	GTC (–)
1486.	KTU (0,7143)	6707287	Barauskas, R., Kriščiūnas, A., Čalnerytė, D., Pilipavičius, P., Fyleris, T., & Daniulaitis, V. et al. (2022). Approach of AI-based automatic climate control in white button mushroom growing hall. Agriculture, vol. 12(iss. 11), p. 1-25. doi: 10.3390/agriculture12111921	N 009 (100)	11.2.	KTU (6,723)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
1487.	KTU (1)	6707307	Barauskienė, I., & Valatka, E. (2022). Water-based electrophoretic deposition of ternary cobalt-nickel-iron oxides on AISI304 stainless steel for oxygen evolution. <i>Catalysts</i> , vol. 12 (iss. 5), p. 1-16. doi: 10.3390/catal12050490	N 003 (100)	11.2.	KTU (5,64)
1488.	GTC (0,3333)	6707322	Volynkin, A., Saldaitis, A., & Müller, G. (2022). Cyana meiomena Volynkin, Saldaitis & Müller, 2022. -. urn:lsid:zoobank.org:act:A6D385CC-EFA7-47CC-9EE7-C.	N 014 (100)	11.7.	GTC (8,66)
1489.	GTC (0,3333)	6707358	Volynkin, A., Saldaitis, A., & Müller, G. (2022). Cyana triapotamia Volynkin, Saldaitis & Müller, 2022. -. urn:lsid:zoobank.org:act:8A7661FF-696E-46F9-B632-0.	N 014 (100)	11.7.	GTC (8,66)
1490.	GTC (0,3333)	6707412	Volynkin, A., Saldaitis, A., & Müller, G. (2022). Miltochrista ekliptika Volynkin, Saldaitis & Müller, 2022. -. urn:lsid:zoobank.org:act:DCCE9384-BB06-45E7-AA13-F.	N 014 (100)	11.7.	GTC (8,66)
1491.	GTC (0,3333)	6707502	Volynkin, A., Saldaitis, A., & Müller, G. (2022). Miltochrista kravchenkoi Volynkin, Saldaitis & Müller, 2022. -. urn:lsid:zoobank.org:act:BE24B122-ABB4-43C4-BCFE-D.	N 014 (100)	11.7.	GTC (8,66)
1492.	GTC (0,3333)	6707537	Volynkin, A., Saldaitis, A., & Müller, G. (2022). Miltochrista pachia Volynkin, Saldaitis & Müller, 2022. -. urn:lsid:zoobank.org:act:74B3CEDE-8830-437E-AEA2-1.	N 014 (100)	11.7.	GTC (8,66)
1493.	GTC (0,3333)	6707556	Volynkin, A., Saldaitis, A., & Müller, G. (2022). Miltochrista tinsukia Volynkin, Saldaitis & Müller, 2022. -. urn:lsid:zoobank.org:act:71D0E672-CE61-42D8-8DA3-B.	N 014 (100)	11.7.	GTC (8,66)
1494.	GTC (0,3333)	6707580	Volynkin, A., Saldaitis, A., & Müller, G. (2022). Miltochrista velona Volynkin, Saldaitis & Müller, 2022. -. urn:lsid:zoobank.org:act:89C5FC31-415A-4E52-BC32-8.	N 014 (100)	11.7.	GTC (8,66)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1495.	KTU (1)	6707590	Bolskis, E., Adomavičiūtė, E., & Griškonis, E. (2022). Formation and investigation of mechanical, thermal, optical and wetting properties of melt-spun multifilament poly(lactic acid) yarns with added rosins. <i>Polymers</i> , vol. 14(iss. 3), p. 1-16. doi: 10.3390/polym14030379	N 003 (30)	11.2.	KTU (2,619)
1496.	KTU (0,9)	6707604	Bruzgulienė, J., Račkauskienė, G., Bieliauskas, A., Milišiūnaitė, V., Dagilienė, M., & Matulevičiūtė, G. et al. (2022). Regioselective synthesis of methyl 5-(N-Boc-cycloaminy)-1,2-oxazole-4- carboxylates as new amino acid-like building blocks. <i>Beilstein journal of organic chemistry</i> , vol. 18, p. 102-109. doi: 10.3762/bjoc.18.11	N 003 (100)	11.2.	KTU (8,714)
1497.	KTU (1)	6707659	Butkevičiūtė, E., Michalkovič, A., & Bikulčienė, L. (2022). ECG signal features classification for the mental fatigue recognition. <i>Mathematics</i> , vol. 10(iss. 18), p. 1-18. doi: 10.3390/math10183395	N 001 (50)	11.2.	KTU (7,462)
1498.	KTU (0,8571)	6707673	Campos Covarrubias, M., Sriubas, M., Bockute, K., Poskaite, A., Vazgys, R., & Gazda, M. et al. (2022). Properties on yttrium- doped/undoped barium cerate and barium zirconate thin films formed by e-beam vapor deposition. <i>Applied sciences</i> , vol. 12(iss. 13), p. 1-11. doi: 10.3390/app12136422	N 002 (100)	11.2.	KTU (6,438)
1499.	MRU (0,1429)	6707692	Feng, S., Liu, X., Zhao, W., Yao, Y., Zhou, A., & Liu, X. et al. (2022). Key Areas of Ecological Restoration in Inner Mongolia Based on Ecosystem Vulnerability and Ecosystem Service. <i>Remote Sensing</i> , vol. 14(iss. 12), p. 117-165. doi: 10.3390/rs14122729	N 006 (80)	11.2.	MRU (1,688)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1500.	GTC (0,0769)	6707710	PROZOROV, A., PROZOROVA, T., VOLKOVA, J., YAKOVLEV, R., NEDOSHIVINA, S., & PINZARI, M. et al. (2022). <i>Lemonia italiana</i> Prozorov, Prozorova, Volkova, Yakovlev, Nedoshivina, Pinzari, Pinzari, Scalercio, Bianco, Saldaitis & Hausmann & Müller, 2022. - . urn:lsid:zoobank.org:act:3B639832-7D67-4D8D-81F8-8.	N 014 (100)	11.7.	GTC (3,649)
1501.	MRU (0,2)	6707732	Feng, S., Zhao, W., Zhan, T., Yan, Y., & Pereira, P. (2022). Land degradation neutrality: A review of progress and perspectives. <i>Ecological Indicators</i> , vol. 144(November), p. 4-15. doi: 10.1016/j.ecolind.2022.109530	N 006 (10)	11.2.	MRU (0,267)
1502.	MRU (0,2)	6707754	Hua, T., Zhao, W., Cherubini, F., Hu, X., & Pereira, P. (2022). Strengthening protected areas for climate refugia on the Tibetan Plateau, China. <i>Biological Conservation</i> , vol. 275, p. 703-713. doi: 10.1016/j.biocon.2022.109781	N 012 (80)	11.2.	MRU (2,874)
1503.	MRU (0,125)	6707771	Pereira, P., Bašić, F., Bogunovic, I., & Barcelo, D. (2022). Russian-Ukrainian war impacts the total environment. <i>Science of the total environment</i> , vol. 837(September), p. 623-638. doi: 10.1016/j.scitotenv.2022.155865	N 012 (20)	11.2.	MRU (0,702)
1504.	GTC (0,0769)	6707786	PROZOROV, A., PROZOROVA, T., VOLKOVA, J., YAKOVLEV, R., NEDOSHIVINA, S., & PINZARI, M. et al. (2022). Prozorov, Alexey M., Tatiana A. Prozorova, Julia S. Volkova, Roman V. Yakovlev, Svetlana V. Nedoshivina, Manuela Pinzari, Mario Pinzari, Stefano Scalercio, Giovanni Bianco, Aidas Saldaitis & Axel Hausmann & Günter C. Müller. 2022. Revision of the <i>Lemonia taraxaci</i> complex, with a description of a new species from Italy and clarification of the status of <i>Lemonia strigata</i> (Lepidoptera: Brahmaeidae: Lemoniinae). <i>Zootaxa</i> , 5195(4): 337-360. <i>Zootaxa</i> , 5195(4), 337-360. doi: DOI: 10.11646/ZOOTAXA.5195.4.2	N 014 (100)	11.2.	GTC (1,388)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1505.	GTC (0,25)	6707806	Saldaitis, A., Dūda, J., Volynkin, A., & Müller, G. (2022). Polymixis aqaba Saldaitis, Dūda, Volynkin & Müller, 2022. -. urn:lsid:zoobank.org:act:A03C4E64-3B3E-425C-BDF6-4.	N 014 (100)	11.7.	GTC (6,495)
1506.	GTC (0,2857)	6707835	Palinauskas, V., Mateos-Hernandez, L., Wu-Chuang, A., de la Fuente, J., Aželytė, J., & Obregon, D. et al. (2022). Exploring the ecological implications of microbiota diversity in birds: Natural barriers against avian malaria. <i>Frontiers in immunology</i> , vol. 13 (art. no. 807682), p. 1-14. doi: 10.3389/fimmu.2022.807682	N 014 (100)	11.2.	GTC (6,15)
1507.	GTC (1)	6707865	Pantoja, C., & Kudlai, O. (2022). Hemiurid trematodes (Digenea: Hemiuridae) from marine fishes off the coast of Rio de Janeiro, Brazil, with novel molecular data. <i>Animals</i> , vol. 12(iss. 23), p. 1- 31. doi: 10.3390/ani12233355	N 014 (100)	11.2.	GTC (11,103)
1508.	GTC (0,4)	6707875	Pantoja, C., Telles, B., Paschoal, F., Luque, J., & Kudlai, O. (2022). Digenean trematodes infecting the frigate tuna Auxis thazard (Scombriformes, Scombridae) off the Rio de Janeiro coast, Brazil, including molecular data. <i>Parasite</i> , vol. 29(iss. 44), p. 1-17. doi: 10.1051/parasite/2022044	N 014 (100)	11.2.	GTC (5,087)
1509.	GTC (0,3333)	6707888	Pendl, H., Hernandez Lara, C., Kubacki, J., Borel, N., Albini, S., & Valkiūnas, G. (2022). Exo-erythrocytic development of Plasmodium matutinum (lineage pLINN1) in a naturally infected roadkill fieldfare Turdus pilaris. <i>Malaria journal</i> , vol. 21(iss.1), p. 1-13. doi: 10.1186/s12936-022-04166-x	N 014 (100)	11.2.	GTC (3,761)
1510.	GTC (1)	6707902	Petkevičiūtė, R., Stunžėnas, V., & Stanevičiūtė, G. (2022). Diversity of European lissorchiid trematodes from fish and snail hosts with comments on the validity of the genus Parasymphylodora Szidat, 1943. <i>Journal of helminthology</i> , vol. 96, p. 1-12. doi: 10.1017/S0022149X22000542	N 014 (100)	11.2.	GTC (7,954)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1511.	GTC (1)	6707913	Petrauskienė, A., Iršėnaitė, R., Taraškevičius, R., Matulevičiūtė, D., & Motiejūnaitė, J. (2022). Significant impact of allochthonous nutrient loads on microarthropods in forest soils. <i>Forest systems</i> , vol. 31(iss. 2), p. 1-13. doi: 10.5424/fs/2022312-19008	N 006 (20), N 012 (20), N 013 (60)	11.00	GTC (–)
1512.	GTC (1)	6707931	Petrulaitis, L., Rašomavičius, V., Uogintas, D., & Gudžinskas, Z. (2022). Soil seed bank of alien and native <i>Cornus</i> (Cornaceae) taxa in Lithuania: What determines seed density and vertical distribution in soil? <i>Diversity</i> , vol. 14(iss. 6), p. 1-14. doi: 10.3390/d14060488	N 013 (100)	11.2.	GTC (6,372)
1513.	GTC (1)	6707947	Prakas, P., Butkauskas, D., Vaišvilienė, J., Balčiauskienė, L., & Balčiauskas, L. (2022). The Spatial pattern of the two genetic lineages of the field vole in Lithuania. <i>Diversity</i> , vol. 14(iss. 10), p. 1-13. doi: 10.3390/d14100820	N 010 (50), N 014 (50)	11.2.	GTC (6,372)
1514.	GTC (0,0139)	6707962	Preislerová, Z., Jiménez-Alfaro, B., Mucina, L., Berg, C., Bonari, G., & Kuzemko, A. et al. (2022). Distribution maps of vegetation alliances in Europe. <i>Applied vegetation science</i> , 25(1), p. 1-12. doi: 10.1111/avsc.12642	N 013 (100)	11.2.	GTC (0,682)
1515.	GTC (0,0833)	6708050	Puchałka, R., Klisz, M., Koniakin, S., Czortek, P., Dylewski, Ł., & Paź-Dyderska, S. et al. (2022). Citizen science helps predictions of climate change impact on flowering phenology: A study on <i>Anemone nemorosa</i> . <i>Agricultural and forest meteorology</i> , vol. 325(art. no. 109133), p. 1-11. doi: 10.1016/j.agrformet.2022.109133	N 013 (100)	11.2.	GTC (3,866)
1516.	GTC (1)	6708070	Pukelytė, V., Baltrūnas, V., & Karmaza, B. (2022). Geoheritage as a source and carrier of culture, Lithuania. <i>Geoheritage</i> , vol. 14 (iss. 1), p. 1-15. doi: 10.1007/s12371-021-00644-x	N 005 (100)	11.2.	GTC (6,721)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1517.	GTC (0,75)	6708101	Rimšaitė, J., Ivinskis, P., Bartkevičienė, G., & Bernotienė, R. (2022). The northward spread of the European mantis, <i>Mantis religiosa</i> (Mantodea: Mantidae): Data from Lithuania. <i>European journal of entomology</i> , vol. 119, p. 318-326. doi: 10.14411/eje. 2022.033	N 014 (100)	11.2.	GTC (4,467)
1518.	GTC (1)	6708121	Romeiro Fernandes Chagas, C., Hernandez Lara, C., Duc, M., Valavičiūtė-Pocienė, K., & Bernotienė, R. (2022). What can haemosporidian lineages found in <i>Culicoides</i> biting midges tell us about their feeding preferences? <i>Diversity</i> , vol. 14(iss. 11), p. 1- 12. doi: 10.3390/d14110957	N 014 (100)	11.2.	GTC (6,372)
1519.	GTC (0,0833)	6708133	Romeiro Fernandes Chagas, C., Lima, C., Hany Lima Gonzalez, I., Borges Salgado, P., Monticelli, C., & Ramos, P. (2022). Hematologic and biochemical reference intervals of brown- throated sloths (<i>Bradypus variegatus</i>). <i>Veterinary clinical pathology</i> , vol. 51(iss. 1), p. 126-133. doi: 10.1111/vcp.13036	N 014 (100)	11.00	GTC (–)
1520.	GTC (1)	6708147	Rudaitytė-Lukošienė, E., Jasiulionis, M., Balčiauskas, L., Butkauskas, D., Prakas, P., & Stirkė, V. (2022). Morphological and molecular description of <i>Sarcocystis myodes</i> n. sp. from the Bank Vole (<i>Clethrionomys glareolus</i>) in Lithuania. <i>Biology</i> , vol. 11(iss. 4), p. 1-11. doi: 10.3390/biology11040512	N 010 (50), N 014 (50)	11.2.	GTC (8,534)
1521.	GTC (0,25)	6708162	Saldaitis, A., Dūda, J., Volynkin, A., & Kalashian, M. (2022). <i>Anchoscelis fuscomixta</i> noravanka, a new subspecies from Armenia (Lepidoptera: Noctuidae: Noctuinae). <i>Zootaxa</i> , vol. 5175 (iss. 2), p. 275-284. doi: 10.11646/zootaxa.5175.2.5	N 014 (100)	11.2.	GTC (2,471)
1522.	GTC (0,25)	6708173	Saldaitis, A., Volynkin, A., Speidel, W., & Zahiri, R. (2022). A review of the genus <i>Nikara</i> Moore and its transfer to the <i>Stiriinae</i> (Lepidoptera: Noctuidae). <i>Zootaxa</i> , vol. 5205(iss. 3), p. 201-219. doi: 10.11646/zootaxa.5205.3.1	N 014 (100)	11.2.	GTC (2,853)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1523.	GTC (1)	6708185	Žiegytė, R., Bernotienė, R., & Palinauskas, V. (2022). Culicoides segnis and Culicoides pictipennis biting midges (Diptera, Ceratopogonidae), new reported vectors of Haemoproteus parasites. <i>Microorganisms</i> , vol. 10(iss. 5), p. 1-9. doi: 10.3390/microorganisms10050898	N 014 (100)	11.2.	GTC (7,625)
1524.	GTC (1)	6708195	Žiegytė, R., & Bernotienė, R. (2022). Contribution to the knowledge on black flies (Diptera: Simuliidae) as vectors of Leucocytozoon (Haemosporida) parasites in Lithuania. <i>Parasitology international</i> , vol. 87, p. 1-3. doi: 10.1016/j.parint.2021.102515	N 014 (100)	11.2.	GTC (5,5)
1525.	GTC (0,8333)	6708205	Žalnierius, T., Šveikauskas, V., Aphalo, P., Gavelienė, V., Būda, V., & Jurkonienė, S. (2022). Gibberellic acid (GA3) applied to flowering <i>Heracleum sosnowskyi</i> decreases seed viability even if seed development is not inhibited. <i>Plants</i> , vol. 11(iss. 3), p. 1-11. doi: 10.3390/plants11030314	N 010 (80), N 012 (20)	11.2.	GTC (10,99)
1526.	GTC (0,3333)	6708232	Wójcik-Tabol, P., Uchman, A., & Kazakauskas, V. (2022). Were Pleistocene proglacial lakes biological deserts? Insights from varved clays in Lithuania. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , vol. 594, p. 1-12. doi: 10.1016/j.palaeo.2022.110928	N 005 (100)	11.2.	GTC (3,77)
1527.	GTC (0,3333)	6708242	Weckwerth, P., Kalińska, E., & Satkūnas, J. (2022). Glacier activity and meltwater dynamic in landscape evolution and its transformation. <i>Quaternary international</i> , vol. 617, p. 1-3. doi: 10.1016/j.quaint.2022.02.020	N 005 (100)	11.2.	GTC (2,639)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1528.	GTC (0,5)	6708252	Volynkin, A., & Saldaitis, A. (2022). Taxonomic review of the <i>Agrisius guttivitta</i> Walker species group with transfer of the genus <i>Agrisius</i> Walker to the family <i>Nolidae</i> Bruand and descriptions of five new species (Lepidoptera: <i>Nolidae</i> : <i>Eligminae</i>). <i>Zootaxa</i> , vol. 5190(iss. 2), p. 241-256. doi: 10.11646/zootaxa.5190.2.4	N 014 (100)	11.2.	GTC (4,035)
1529.	GTC (1)	6708279	Valkiūnas, G., & Iezhova, T. (2022). Keys to the avian <i>Haemoproteus</i> parasites (<i>Haemosporida</i> , <i>Haemoproteidae</i>). <i>Malaria journal</i> , vol. 21(iss. 1), p. 1-69. doi: 10.1186/s12936-022- 04235-1	N 014 (100)	11.2.	GTC (6,514)
1530.	GTC (1)	6708289	Valkiūnas, G., Duc, M., & Iezhova, T. (2022). Increase of avian <i>Plasmodium circumflexum</i> prevalence, but not of other malaria parasites and related haemosporidians in northern Europe during the past 40 years. <i>Malaria journal</i> , vol. 21(iss. 1), p. 1-11. doi: 10.1186/s12936-022-04116-7	N 014 (100)	11.2.	GTC (6,514)
1531.	GTC (0,0667)	6708299	Väli, Ü., Treinys, R., Bergmanis, U., Daroczi, S., Demerdzhiev, D., & Dombrovski, V. et al. (2022). Contrasting patterns of genetic diversity and lack of population structure in the lesser spotted eagle <i>Clanga pomarina</i> (Aves: <i>Accipitriformes</i>) across its breeding range. <i>Biological journal of the Linnean society</i> , vol. 136 (iss. 4), p. 506-519. doi: 10.1093/biolinnean/blac065	N 012 (100)	11.2.	GTC (1,334)
1532.	GTC (0,2)	6708321	Valainis, U., Balalaikins, M., Soms, J., Bastytė-Cseh, D., Gintaras, A., & Banelienė, A. et al. (2022). Ecological network for species dependent on ancient broadleaf trees using <i>Osmoderma barnabita</i> as a model species: a new approach. <i>Insect conservation and diversity</i> , vol. 15(iss. 2), p. 273-287. doi: 10.1111/icad.12554	N 005 (100)	11.2.	GTC (5,061)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1533.	GTC (1)	6708339	Vaičiulytė, V., Ložienė, K., & Taraškevičius, R. (2022). Impact of edaphic and climatic factors on <i>Thymus pulegioides</i> essential oil composition and potential prevalence of chemotypes. <i>Plants</i> , vol. 11(iss. 19), p. 1-24. doi: 10.3390/plants11192536	N 005 (30), N 013 (70)	11.2.	GTC (9,326)
1534.	KTU (0,1667)	6710483	Chauhan, M., Mishra, P., Dwivedi, S., Ragulskis, M., Burdzik, R., & Ranjan, V. (2022). Development of the dynamic stiffness method for the out-of-plane natural vibration of an orthotropic plate. <i>Applied sciences</i> , vol. 12(vol. 11), p. 1-21. doi: 10.3390/app12115733	N 001 (100)	11.2.	KTU (1,77)
1535.	KTU (1)	6710602	Dagilienė, M., Markuckaitė, G., Krikštolaitytė, S., Šačkus, A., & Martynaitis, V. (2022). Cyanide anion determination based on nucleophilic addition to 6-[(E)-(4-nitrophenyl)diazonyl]-1',3,3',4'-tetrahydrospiro[chromene-2,2'-indole] Derivatives. <i>Chemosensors</i> , vol. 10(iss. 5), p. 1-12. doi: 10.3390/chemosensors10050185	N 003 (100)	11.2.	KTU (8,409)
1536.	KTU (1)	6710726	Dindiene, L., Mihalkovich, A., Luksys, K., & Sakalauskas, E. (2022). Matrix power function based block cipher operating in CBC mode. <i>Mathematics</i> , vol. 10(iss. 12), p. 1-24. doi: 10.3390/math10122123	N 001 (80), N 009 (20)	11.2.	KTU (14,923)
1537.	KTU (0,1111)	6710739	Ding, L., Jouenne, S., Gharbi, O., Pal, M., Bertin, H., & Rahman, M. et al. (2022). An experimental investigation of the foam enhanced oil recovery process for a dual porosity and heterogeneous carbonate reservoir under strongly oil-wet condition. <i>Fuel</i> , vol. 313, p. 1-13. doi: 10.1016/j.fuel.2021.122684	N 001 (100)	11.2.	KTU (1,781)
1538.	KTU (0,5)	6710787	Drezner, Z., Kalczynski, P., Misevičius, A., & Palubeckis, G. (2022). Finding optimal solutions to several gray pattern instances. <i>Optimization letters</i> , vol. 16(iss. 2), p. 713-722. doi: 10.1007/s11590-021-01732-1	N 009 (100)	11.2.	KTU (4,789)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1539.	KTU (0,8125)	6710836	Dzedulionytė, K., Veikšaitė, M., Morávek, V., Malinauskienė, V., Račkauskienė, G., & Šačkus, A. et al. (2022). Convenient synthesis of N-heterocycle-fused tetrahydro-1,4-diazepinones. <i>Molecules</i> , vol. 27(iss. 24), p. 1-28. doi: 10.3390/molecules27248666	N 003 (100)	11.2.	KTU (8,22)
1540.	KTU (0,1667)	6710891	Fernández, D., Seoane, J., & Sanjuán, M. (2022). Weak dissipation drives and enhances Wada basins in three-dimensional chaotic scattering. <i>Chaos, solitons and fractals</i> , vol. 156, p. 1-9. doi: 10.1016/j.chaos.2022.111891	N 009 (100)	11.2.	KTU (4,245)
1541.	KTU (1)	6710936	Galdikas, A., Sriubas, M., Kairaitis, G., Virbukas, D., Bockute, K., & Galdikas, M. et al. (2022). Investigation of morphology of aluminum co-doped scandium stabilized zirconia (ScAlSZ) thin films. <i>Coatings</i> , vol. 12(iss. 1), p. 1-15. doi: 10.3390/coatings12010031	N 002 (50)	11.2.	KTU (3,037)
1542.	GTC (0,1667)	6710990	Sato, A., da Silva, T., de Pontes, T., Sanches, A., Prakas, P., & Locatelli-Dittrich, R. (2022). Molecular characterization of Sarcocystis spp. in seabirds from southern Brazil. <i>Parasitology international</i> , vol. 90, p. 1-8. doi: 10.1016/j.parint.2022.102595	N 010 (100)	11.2.	GTC (1,833)
1543.	KTU (1)	6711003	Gilys, L., Griškonis, E., Griškevičius, P., & Adlienė, D. (2022). Lead free multilayered polymer composites for radiation shielding. <i>Polymers</i> , vol. 14(iss. 9), p. 1-15. doi: 10.3390/polym14091696	N 002 (30), N 003 (40)	11.2.	KTU (6,111)
1544.	KTU (1)	6711091	Gudoniene, D., Staneviciene, E., & Motiejunas, L. (2022). The interoperability of learning object design, search and adaptation processes in the repositories. <i>Applied sciences</i> , vol. 12(iss. 7), p. 1-16. doi: 10.3390/app12073628	N 009 (30)	11.2.	KTU (1,593)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
1545.	GTC (0,3333)	6711104	Sideleva, V., Kesminas, V., & Zhidkov, Z. (2022). A new species of the genus <i>Cottus</i> (Scorpaeniformes, Cottidae) from the Baltic Sea Basin and its phylogenetic placement. <i>European journal of taxonomy</i> , vol. 834, p. 38-57. doi: 10.5852/ejt.2022.834.1897	N 012 (100)	11.2.	GTC (2,502)
1546.	GTC (0,5)	6711115	Silva, C., Dainys, J., Simmons, S., Vienožinskis, V., & Audzijonytė, A. (2022). Scalable open-source framework for machine learning- based image collection, annotation and classification: A case study for automatic fish species identification. <i>Sustainability</i> , vol. 14(iss. 21), p. 1-13. doi: 10.3390/su142114324	N 012 (100)	11.2.	GTC (5,628)
1547.	GTC (1)	6711147	Šneideris, D., Stalpes, M., Butkauskas, D., & Prakas, P. (2022). A novel RFLP method for identification of morphologically similar avian <i>Sarcocystis</i> species. <i>Parasitology research</i> , vol. 121(iss. 7), p. 2161-2166. doi: 10.1007/s00436-022-07553-0	N 010 (100)	11.2.	GTC (5,684)
1548.	GTC (1)	6711167	Stirkė, V., Balčiauskas, L., & Balčiauskienė, L. (2022). Spatiotemporal variation of small mammal communities in commercial orchards across the small country. <i>Agriculture</i> , vol. 12(iss. 5), p. 1-12. doi: 10.3390/agriculture12050632	N 014 (100)	11.2.	GTC (9,412)
1549.	GTC (1)	6711178	Strazdaitė Žielienė, Ž., Baranauskaitė, A., Butkauskas, D., Servienė, E., & Prakas, P. (2022). Molecular identification of parasitic protozoa <i>Sarcocystis</i> in water samples. <i>Veterinary sciences</i> , vol. 9(iss. 8), p. 1-13. doi: 10.3390/vetsci9080412	N 010 (100)	11.2.	GTC (9,636)
1550.	GTC (0,2857)	6711191	Todorova, D., Katerova, Z., Shopova, E., Brankova, L., Sergiev, I., & Jankauskienė, J. et al. (2022). The physiological responses of wheat and maize seedlings grown under water deficit are modulated by pre-application of auxin-type plant growth regulators. <i>Plants</i> , vol. 11(iss. 23), p. 1-11. doi: 10.3390/plants11233251	N 010 (100)	11.2.	GTC (3,768)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
1551.	GTC (0,1)	6711206	Uhrovič, D., Oros, M., Kudlai, O., Kuchta, R., & Scholz, T. (2022). Archigetes Leuckart, 1878 (Cestoda, Caryophyllidea): diversity of enigmatic fish tapeworms with monoxenic life cycles. <i>Parasite</i> , vol. 29, p. 1-24. doi: 10.1051/parasite/2022002	N 014 (100)	11.2.	GTC (1,468)
1552.	GTC (0,6667)	6711219	Vaičiulytė, V., Ložienė, K., & Sivická, I. (2022). Effect of organic matter fertilizers on the composition of volatiles, morphometrical and anatomical parameters of essential oil-bearing Thymus x citriodorus cultivated in an open field conditions. <i>Horticulturae</i> , vol. 8(iss. 10), p. 1-20. doi: 10.3390/horticulturae8100917	N 013 (100)	11.2.	GTC (7,903)
1553.	KTU (1)	6711229	Gudziunas, V., Domeika, A., Puodžiukynas, L., & Gustiene, R. (2022). Quantitative assessment of the level of instability of a single-plane balance platform. <i>Technology and health care</i> , vol. 30(iss. 1), p. 291-307. doi: 10.3233/THC-219011	N 002 (20)	11.2.	KTU (0,898)
1554.	KTU (0,4444)	6711283	Ho, C., Krucaite, G., Beresneviciute, R., Blazelevicius, D., Lin, W., & Lu, J. et al. (2022). Triphenylethene-carbazole-based molecules for the realization of blue and white aggregation-induced emission OLEDs with high luminance. <i>Organic electronics</i> , vol. 108, p. 1-10. doi: 10.1016/j.orgel.2022.106571	N 003 (100)	11.2.	KTU (4,471)
1555.	KTU (1)	6711369	Ivanauskas, R., Ancutienė, I., Milašienė, D., Ivanauskas, A., & Bronušienė, A. (2022). Effect of reducing agent on characteristics and antibacterial activity of copper-containing particles in textile materials. <i>Materials</i> , vol. 15(iss. 21), p. 1-16. doi: 10.3390/ma15217623	N 003 (80)	11.2.	KTU (4,77)
1556.	KTU (1)	6711385	Ivanauskas, R., Bronušienė, A., Ivanauskas, A., Šarkinas, A., & Ancutienė, I. (2022). Antibacterial activity of copper particles embedded in knitted fabrics. <i>Materials</i> , vol. 15(iss. 20), p. 1-11. doi: 10.3390/ma15207147	N 003 (80)	11.2.	KTU (4,77)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1557.	KTU (1)	6711400	Ivanauskas, R., Samardokas, L., Sukyte, J., Zalenkiene, S., & Ancutiene, I. (2022). Structural and optical characterizations of cadmium chalcogenide layers on polyamide formed using monotelluropentathionic acid. <i>Materials</i> , vol. 15(iss.3), p. 1-18. doi: 10.3390/ma15030787	N 003 (100)	11.2.	KTU (5,963)
1558.	KTU (0,5556)	6711425	Jakubauskas, G., Gilic, M., Paluckiene, E., Mitric, J., Cirkovic, J., & Ralevic, U. et al. (2022). Characterization of flexible copper selenide films on polyamide substrate obtained by SILAR method — towards application in electronic devices. <i>Chemosensors</i> , vol. 10(iss. 8), p. 1-13. doi: 10.3390/chemosensors10080313	N 003 (100)	11.2.	KTU (8,092)
1559.	GTC (0,625)	6711502	Savadova-Ratkus, K., Mazur-Marzec, H., Karosienė, J., Sivonen, K., Suurnäkki, S., & Kasperovičienė, J. et al. (2022). Cyanobacteria and their metabolites in mono- and polidominant shallow eutrophic temperate lakes. <i>International journal of environmental research and public health</i> , vol. 19(iss. 22), p. 1-15. doi: 10.3390/ijerph192215341	N 012 (100)	11.00	GTC (–)
1560.	GTC (1)	6711529	Skuratovič, Ž., Mažeika, J., Jefanova, O., & Petrošius, R. (2022). Soil water and stable isotopes in the unsaturated zone profile - field observations and analysis. <i>Baltica</i> , vol. 35(iss. 2), p. 156- 168. doi: 10.5200/baltica.2022.2.6	N 005 (100)	11.2.	GTC (4,042)
1561.	GTC (1)	6711571	Stankevičiūtė, M., Sauliutė, G., Makaras, T., Čapukoitenė, B., Vansevičiūtė, G., & Markovskaja, S. (2022). Biomarker responses in perch (<i>Perca fluviatilis</i>) under multiple stress: Parasite co- infection and multicomponent metal mixture exposure. <i>Environmental research</i> , vol. 207, p. 1-12. doi: 10.1016/j.envres.2021.112170	N 012 (80), N 013 (20)	11.2.	GTC (12,301)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1562.	KTU (0,2)	6711600	Juneja, N., Mandati, S., Katerski, A., Spalatu, N., Daskeviciute-Geguziene, S., & Vembris, A. et al. (2022). Sb2S3 solar cells with a cost-effective and dopant-free fluorene-based enamine as a hole transport material. <i>Sustainable energy & fuels</i> , vol. 6(iss. 13), p. 1-10. doi: 10.1039/d2se00356b	N 003 (100)	11.2.	KTU (3,127)
1563.	GTC (0,4); KTU (0,4)	6711656	Navaruckiene, A., Bridziuvienė, D., Raudonienė, V., Rainosalas, E., & Ostrauskaite, J. (2022). Vanillin acrylate-based thermo- responsive shape memory antimicrobial photopolymers. <i>Express polymer letters</i> , vol. 16(iss. 3), p. 279-295. doi: 10.3144 /expresspolymlett.2022.22	N 012 (50)	11.2.	GTC (1,822); KTU (1,822)
1564.	KTU (1)	6711877	Kavaliūnas, V., Čeplikas, P., Sriubas, M., & Laukaitis, G. (2022). The sensitization of TiO2 thin film by Ag nanoparticles for the improvement of photocatalytic efficiency. <i>Applied sciences</i> , vol. 12(iss. 11), p. 1-11. doi: 10.3390/app12115725	N 002 (100)	11.2.	KTU (5,311)
1565.	KTU (0,4)	6711929	Kederienė, V., Rousseau, J., Schuler, M., Šačkus, A., & Tatibouët, A. (2022). Copper-catalyzed S-arylation of furanose-fused oxazolidine-2-thiones. <i>Molecules</i> , vol. 27(iss. 17), p. 1-17. doi: 10.3390/molecules27175597	N 003 (100)	11.2.	KTU (4,956)
1566.	KTU (0,1765)	6712080	Klipfel, N., Xia, J., Čulík, P., Orlandi, S., Cavazzini, M., & Shibayama, N. et al. (2022). Zn(II) and Cu(II) tetrakis (diarylamine)phthalocyanines as hole-transporting materials for perovskite solar cells. <i>Materials today energy</i> , vol. 29, p. 1-11. doi: 10.1016/j.mtener.2022.101110	N 003 (100)	11.2.	KTU (5,445)
1567.	KTU (0,7)	6712146	Komolovaite, D., Krisciunas, A., Lagzdinyte-Budnikė, I., Budnikas, A., & Rentelis, D. (2022). Vehicle make detection using the transfer learning approach. <i>Elektronika ir elektrotechnika</i> , vol. 28 (no. 4), p. 55-64. doi: 10.5755/j02.eie.31046	N 009 (50)	11.2.	KTU (2,014)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
1568.	KTU (0,8333)	6712164	Kopa, M., Kabašinskas, A., & Šutienė, K. (2022). A stochastic dominance approach to pension-fund selection. <i>IMA journal of management mathematics</i> , vol. 33(iss. 1), p. 139-160. doi: 10.1093/imaman/dpab002	N 001 (100)	11.2.	KTU (5,515)
1569.	KTU (1)	6712272	Krylova, V., Dukštienė, N., & Markevičiūtė, H. (2022). Ag-Se/nylon nanocomposites grown by template-engaged reaction: microstructures, composition, and optical properties. <i>Nanomaterials</i> , vol. 12(iss. 15), p. 1-16. doi: 10.3390/nano12152584	N 003 (100)	11.2.	KTU (7,805)
1570.	KTU (1)	6712333	Kumpikaitė, E., Laureckienė, G., Milašienė, D., & Petraitienė, S. (2022). Investigation of the shrinkage and air permeability of woolen blankets and blankets made with regenerated wool. <i>Materials</i> , vol. 15(iss. 10), p. 1-17. doi: 10.3390/ma15103596	N 001 (20)	11.2.	KTU (1,193)
1571.	KTU (1)	6712348	Kumpikaitė, E., Tautkutė-Stankuvienė, I., Milašienė, D., & Petraitienė, S. (2022). Analysis of color fastness and shrinkage of dyed and printed linen/silk fabrics. <i>Coatings</i> , vol. 12(iss. 3), p. 1- 14. doi: 10.3390/coatings12030408	N 001 (30)	11.2.	KTU (1,822)
1572.	KTU (0,25)	6712410	Li, D., Cao, M., Manoach, E., & Ragulskis, M. (2022). Nonlinear oscillations of cracked large-amplitude vibrating plates subjected to harmonic loads. <i>Nonlinear dynamics</i> , vol. 107(iss. 1), p. 247- 267. doi: 10.1007/s11071-021-07000-2	N 001 (100)	11.2.	KTU (6,403)
1573.	KTU (1)	6712452	Lukauskas, M., & Ruzgas, T. (2022). A new clustering method based on the inversion formula. <i>Mathematics</i> , vol. 10(iss. 15), p. 1-16. doi: 10.3390/math10152559	N 001 (50), N 009 (50)	11.2.	KTU (14,924)
1574.	KTU (1)	6712611	Mahmood, Z., & Jusas, V. (2022). Blockchain-enabled: multi- layered security federated learning platform for preserving data privacy. <i>Electronics</i> , vol. 11(iss. 10), p. 1-21. doi: 10.3390/electronics11101624	N 009 (100)	11.2.	KTU (6,376)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1575.	MRU (0,125)	6712707	Ricci, S., Sikora, M., Parker, S., Lendak, I., Danidou, Y., & Chatzopoulou, A. et al. (2022). Job Adverts Analyzer for Cybersecurity Skills Needs Evaluation. <i>ARES 2022. Proceedings of the 17th International Conference on Availability, Reliability and Security, August 23-26, Vienna, Austria</i> , p. 1-10. doi: 10.1145/3538969	N 009 (60)	11.00	MRU (–)
1576.	KTU (1)	6712798	Marcinkevicius, R., Telksniene, I., Telksnys, T., Navickas, Z., & Ragulskis, M. (2022). The construction of solutions to CD(1/n) type FDEs via reduction to (CD(1/n))n type FDEs. <i>AIMS Mathematics</i> , vol. 7(iss. 9), p. 16536-16554. doi: 10.3934/math. 2022905	N 001 (80), N 009 (20)	11.2.	KTU (11,987)
1577.	KTU (1)	6712938	Merkis, M., Urbonavicius, B., Adliene, D., Laurikaitiene, J., & Puiso, J. (2022). Pilot study of polymerization dynamics in nMAG dose gel. <i>Gels</i> , vol. 8(iss. 5), p. 1-11. doi: 10.3390/gels8050288	N 002 (50)	11.2.	KTU (4,096)
1578.	KTU (1)	6712968	Meškinis, Š., Gudaitis, R., Andrulevičius, M., & Lazauskas, A. (2022). Structural and chemical peculiarities of nitrogen-doped graphene grown using direct microwave plasma-enhanced chemical vapor deposition. <i>Coatings</i> , vol. 12(iss. 5), p. 1-9. doi: 10.3390/coatings12050572	N 002 (50)	11.2.	KTU (3,037)
1579.	KTU (1)	6713034	Mihalkovich, A., Levinskas, M., Dindiene, L., & Sakalauskas, E. (2022). CBC mode of MPF based Shannon cipher defined over a non-commuting platform group. <i>Informatica</i> , vol. 33(iss. 4), p. 833-856. doi: 10.15388/22-INFOR499	N 001 (100)	11.2.	KTU (10,059)
1580.	KTU (1)	6713046	Mihalkovich, A., Luksys, K., & Sakalauskas, E. (2022). Sigma identification protocol construction based on MPF defined over non-commuting platform group. <i>Mathematics</i> , vol. 10(iss. 15), p. 1-15. doi: 10.3390/math10152649	N 001 (100)	11.2.	KTU (14,923)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1581.	KTU (1)	6713085	Milasiene, D., Belukhina, O., & Ivanauskas, R. (2022). Effect of copper selenide modification on the conductivity of PA6, PA66, PAN, and PES fibers. <i>Materials</i> , vol. 15(iss. 12), p. 1-17. doi: 10.3390/ma15124320	N 003 (30)	11.2.	KTU (1,789)
1582.	KTU (1)	6713285	Navickas, Z., Telksnienė, I., Telksnys, T., Marcinkevicius, R., & Ragulskis, M. (2022). Construction of special soliton solutions to the stochastic Riccati equation. <i>Open mathematics</i> , vol. 20(iss. 1), p. 829-844. doi: 10.1515/math-2022-0051	N 001 (80)	11.2.	KTU (8,923)
1583.	KTU (0,1)	6713316	Nieto, A., Lilienkamp, T., Seoane, J., Sanjuán, M., & Parlitz, U. (2022). Control of escapes in two-degree-of-freedom open Hamiltonian systems. <i>Chaos</i> , vol. 32(iss. 6), p. 1-13. doi: 10.1063/5.0090150	N 009 (100)	11.2.	KTU (2,33)
1584.	KTU (0,125)	6713328	Nieto, A., Seoane, J., Barrio, R., & Sanjuán, M. (2022). A mechanism explaining the metamorphoses of KAM islands in nonhyperbolic chaotic scattering. <i>Nonlinear dynamics</i> , vol. 109 (iss. 2), p. 1123-1133. doi: 10.1007/s11071-022-07623-z	N 009 (100)	11.2.	KTU (2,025)
1585.	KTU (0,1667)	6713339	Nieto, A., Seoane, J., & Sanjuán, M. (2022). Noise activates escapes in closed Hamiltonian systems. <i>Communications in nonlinear science and numerical simulation</i> , vol. 105, p. 1-12. doi: 10.1016/j.cnsns.2021.106074	N 009 (100)	11.2.	KTU (2,914)
1586.	KTU (1)	6713406	Ostasevicius, V., Paleviciute, I., Paulauskaite-Taraseviciene, A., Jurenas, V., Eidukynas, D., & Kizauskiene, L. (2022). Comparative analysis of machine learning methods for predicting robotized incremental metal sheet forming force. <i>Sensors</i> , vol. 22(iss. 1), p. 1-22. doi: 10.3390/s22010018	N 009 (30)	11.2.	KTU (2,473)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1587.	KTU (1)	6713434	Palevičius, P., Pal, M., Landauskas, M., Orinaitė, U., Timofejeva, I., & Ragulskis, M. (2022). Automatic detection of cracks on concrete surfaces in the presence of shadows. <i>Sensors</i> , vol. 22 (iss. 10), p. 1-13. doi: 10.3390/s22103662	N 001 (80), N 009 (20)	11.2.	KTU (8,244)
1588.	KTU (0,25)	6713467	Pan, L., Song, Q., Cao, J., & Ragulskis, M. (2022). Pinning impulsive synchronization of stochastic delayed neural networks via uniformly stable function. <i>IEEE transactions on neural networks and learning systems</i> , vol. 33(iss. 9), p. 4491-4501. doi: 10.1109/TNNLS.2021.3057490	N 001 (100)	11.2.	KTU (8,583)
1589.	KTU (1)	6713508	Patašius, M. (2022). Suitability of the single transferable vote as a replacement for largest remainder proportional representation. <i>Symmetry</i> , vol. 14(iss. 8), p. 1-22. doi: 10.3390/sym14081648	N 009 (100)	11.2.	KTU (4,625)
1590.	KTU (0,8333)	6713517	Paulauskaite-Taraseviciene, A., Noreika, E., Purtokas, R., Lagzdinyte-Budnike, I., Daniulaitis, V., & Salickaite-Zukauskienė, R. (2022). An intelligent solution for automatic garment measurement using image recognition technologies. <i>Applied sciences</i> , vol. 12(iss. 9), p. 1-17. doi: 10.3390/app12094470	N 009 (100)	11.2.	KTU (6,259)
1591.	KTU (1)	6713530	Petkevičiūtė-Gerlach, D., Šmidtaitė, R., & Ragulskis, M. (2022). Intermittent bursting in the fractional difference logistic map of matrices. <i>International journal of bifurcation and chaos</i> , vol. 32 (iss. 1), p. 1-12. doi: 10.1142/S0218127422300026	N 001 (100)	11.2.	KTU (5,566)
1592.	KTU (0,75)	6713541	Petrasauskiene, N., Paluckiene, E., Alaburdaite, R., & Gilić, M. (2022). Deposition of copper sulfide films on polyamide surface. <i>Science of sintering</i> , vol. 54(iss. 2), p. 139-152. doi: 10.2298/SOS2202139P	N 003 (100)	11.2.	KTU (5,737)
1593.	KTU (0,6)	6713564	Petrauskienė, V., Pal, M., Cao, M., Wang, J., & Ragulskis, M. (2022). Color recurrence plots for bearing fault diagnosis. <i>Sensors</i> , vol. 22(iss. 22), p. 1-18. doi: 10.3390/s22228870	N 001 (100)	11.2.	KTU (9,893)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1594.	KTU (0,6667)	6713735	Raudonis, V., Paulauskaite-Taraseviciene, A., & Eidimtas, L. (2022). ANN hybrid model for forecasting landfill waste potential in Lithuania. <i>Sustainability</i> , vol. 14(iss. 7), p. 1-16. doi: 10.3390/su14074122	N 009 (50)	11.2.	KTU (3,063)
1595.	KTU (0,9286)	6713814	Rinkevicius, Z., Kaminskas, M., Palevičius, P., Ragulskis, M., Bočkutė, K., & Sriubas, M. et al. (2022). A polarizable coarse- grained model for metal, metal oxide and composite metal/metal oxide nanoparticles and its applications. <i>Physical chemistry chemical physics</i> , vol. 24(iss. 45), p. 27742-27750. doi: 10.1039/d2cp03462j	N 001 (20), N 002 (40)	11.2.	KTU (4,448)
1596.	KTU (1)	6713869	Rudzionis, Z., Navickas, A., Stelmokaitis, G., & Ivanauskas, R. (2022). Immobilization of hexavalent chromium using self- compacting soil technology. <i>Materials</i> , vol. 15(iss. 6), p. 1-14. doi: 10.3390/ma15062335	N 003 (20)	11.2.	KTU (1,193)
1597.	KTU (1)	6713929	Sajavičius, S. (2022). Hyperpower least squares progressive iterative approximation. <i>Journal of computational and applied mathematics</i> , vol. 422, p. 1-11. doi: 10.1016/j.cam.2022.114888	N 009 (50)	11.2.	KTU (5,2)
1598.	KTU (1)	6714002	Saunoriene, L., Jablonskaite, K., Ragulskiene, J., & Ragulskis, M. (2022). Information hiding based on statistical features of self- organizing patterns. <i>Entropy</i> , vol. 24(iss. 5), p. 51-107. doi: 10.3390/e24050684	N 001 (100)	11.2.	KTU (6,725)
1599.	KTU (1)	6714047	Sengupta, J., & Alzbutas, R. (2022). Intracranial hemorrhages segmentation and features selection applying cuckoo search algorithm with gated recurrent unit. <i>Applied sciences</i> , vol. 12(iss. 21), p. 1-17. doi: 10.3390/app122110851	N 001 (50)	11.2.	KTU (2,656)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1600.	KTU (1)	6714059	Sengupta, J., & Alzbutas, R. (2022). Prediction and risk assessment models for subarachnoid hemorrhage: a systematic review on case studies. <i>BioMed research international</i> , vol. 2022, p. 1-12. doi: 10.1155/2022/5416726	N 001 (50)	11.00	KTU (–)
1601.	KTU (1)	6714088	Sevcik, A., Laurikaitiene, J., & Adliene, D. (2022). Quantitative comparison of different dosimetry methods in orthovoltage X-ray therapy. <i>Radiation physics and chemistry</i> , vol. 197, p. 1-10. doi: 10.1016/j.radphyschem.2022.110128	N 002 (50)	11.2.	KTU (3,047)
1602.	MRU (0,0667)	6714320	Krevh, V., Filipović, V., Filipović, L., Mateković, V., Petošić, D., & Mustać, I. et al. (2022). Modeling seasonal soil moisture dynamics in gley soils in relation to groundwater table oscillations in eastern Croatia. <i>Catena</i> , vol. 211, p. 101-111. doi: 10.1016/j.catena.2021.105987	N 006 (100)	11.2.	MRU (2,108)
1603.	KTU (0,3077)	6714414	Sudheendran Swyamprabha, S., Kishore Kesavan, K., Siddiqui, I., Blazelevicius, D., Jayachandran, J., & Eidimtas, M. et al. (2022). Novel carbazole host materials for solution processed TADF organic light emitting diodes. <i>Dyes and pigments</i> , vol. 208, p. 1- 11. doi: 10.1016/j.dyepig.2022.110821	N 003 (100)	11.2.	KTU (3,882)
1604.	KTU (0,5714)	6714526	Svirskaitė, L., Mandati, S., Spalatu, N., Malinauskiene, V., Karazhanov, S., & Getautis, V. et al. (2022). Asymmetric NDI electron transporting SAM materials for application in photovoltaic devices. <i>Synthetic metals</i> , vol. 291, p. 97-128. doi: 10.1016/j.synthmet.2022.117214	N 003 (100)	11.2.	KTU (7,011)
1605.	KTU (0,75)	6714595	Tavgeniene, D., Beresneviciute, R., Blazelevicius, D., Krucaite, G., Jacunskaitė, G., & Sudheendran Swayamprabha, S. et al. (2022). 3-(N,N-diphenylamino)carbazole donor containing bipolar derivatives with very high glass transition temperatures as potential TADF emitters for OLEDs. <i>Coatings</i> , vol. 12(iss. 7), p. 1- 10. doi: 10.3390/coatings12070932	N 003 (100)	11.2.	KTU (6,443)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
1606.	KTU (0,875)	6714694	Timofejeva, I., Laukaitis, G., Rinkevicius, Z., & Ragulskis, M. (2022). Finite-time stabilization of the fractional model of the driven dissipative nonlinear pendulum. <i>International journal of bifurcation and chaos</i> , vol. 32(iss. 4), p. 1-20. doi: 10.1142/S0218127422500560	N 001 (60), N 002 (40)	11.2.	KTU (6,887)
1607.	KTU (0,85)	6714887	Urbonavičius, A., Fortunato, G., Ambrazaitytė, E., Plytninkienė, E., Bieliauskas, A., & Milišūnaitė, V. et al. (2022). Synthesis and characterization of novel heterocyclic chalcones from 1-phenyl- 1H-pyrazol-3-ol. <i>Molecules</i> , vol. 27(iss. 12), p. 1-32. doi: 10.3390/molecules27123752	N 003 (100)	11.2.	KTU (8,599)
1608.	MRU (0,2)	6714984	Feng, S., Ding, J., Zhan, T., Zhao, W., & Pereira, P. (2022). Plant biomass allocation is mediated by precipitation use efficiency in arid and semiarid ecosystems. <i>Land degradation & development</i> , 00(00), p. 1-4. doi: 10.1002/ldr.4455	N 006 (100)	11.2.	MRU (2,069)
1609.	MRU (0,125)	6715006	Dugan, I., Pereira, P., Barcelo, D., Telak, L., Filipovic, V., & Filipovic, L. et al. (2022). Agriculture management and seasonal impact on soil properties, water, sediment and chemicals transport in a hazelnut orchard (Croatia). <i>Science of The Total Environment</i> , vol. 839, p. 238-249. doi: 10.1016/j.scitotenv.2022.156346	N 012 (100)	11.2.	MRU (3,138)
1610.	MRU (0,2)	6715042	Delač, D., Kisić, I., Zgorelec, Ž., Perčin, A., & Pereira, P. (2022). Slash-pile burning impacts on the quality of runoff waters in a Mediterranean environment (Croatia). <i>Catena</i> , vol. 218, p. 269- 281. doi: 10.1016/j.catena.2022.106559	N 006 (100)	11.2.	MRU (3,38)
1611.	KTU (0,125)	6715069	Valle, D., Wagemakers, A., Daza, A., & Sanjuán, M. (2022). Characterization of fractal basins using deep convolutional neural networks. <i>International journal of bifurcation and chaos</i> , vol. 32 (iss. 13), p. 1-8. doi: 10.1142/S0218127422502005	N 009 (100)	11.2.	KTU (0,984)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1612.	MRU (0,3333)	6715085	Delač, D., Kisić, I., & Pereira, P. (2022). Temporal Impact of Mulch Treatments (<i>Pinus halepensis</i> Mill. and <i>Olea europaea</i> L.) on Soil Properties after Wildfire Disturbance in Mediterranean Croatia. <i>Agronomy</i> , vol. 12(iss. 10), p. 713-723. doi: 10.3390/agronomy12102484	N 006 (20), N 012 (80)	11.2.	MRU (3,986)
1613.	KTU (1)	6716403	Skėrė, S., Žvironienė, A., Juzėnas, K., & Petraitienė, S. (2022). Decision support method for dynamic production planning. <i>Machines</i> , vol. 10(iss. 11), p. 1-17. doi: 10.3390/machines10110994	N 001 (50)	11.2.	KTU (3,136)
1614.	VU (0,125)	6719624	Sirgedaitė, G., Talaikis, M., Niaura, G., & Mikoliunaitė, L. (2022). Magneto-plasmonic nanostructures for SERS: magnetite decorated by silver and gold nanoparticles. <i>NEW JOURNAL OF CHEMISTRY</i> , 47(1), 402-411. doi: 10.1039/d2nj04368h	N 003 (100)	11.2.	VU (0,945)
1615.	VU (1)	6719646	Norkus, M., & Skaudžius, R. (2022). Enhanced NIR region emission of chromium by changing the chromium concentration in yttrium aluminum garnet (YAG) host matrix. <i>JOURNAL OF ALLOYS AND COMPOUNDS</i> , 908. doi: 10.1016/j.jallcom.2022.164601	N 003 (100)	11.2.	VU (9,048)
1616.	VU (1)	6719752	Jurkunas, Marijus, J., Klimkevicius, Vaidas, K., Uscilaite, Agne, U., & Makuska, Ricardas, M. (2022). Synthesis of superhydrophilic Gradient-Like Copolymers: Kinetics of the RAFT copolymerization of methacryloyloxyethyl phosphorylcholine with PEO methacrylate. <i>EUROPEAN POLYMER JOURNAL</i> , 183. doi: 10.1016/j.eurpolymj.2022.111764	N 003 (100)	11.2.	VU (10,077)
1617.	VU (0,75)	6719801	Kanopienė, R., & Gadeikis, S. (2022). Formation selection methodology for deep geological repository in Lithuania. <i>BALTICA</i> , 35(2), 147-155. doi: 10.5200/baltica.2022.2.5	N 005 (80)	11.2.	VU (2,425)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1618.	VU (0,5714)	6721262	Jovaišaitė, J., Baronas, P., Jonušauskas, G., Gudeika, D., Gruodis, A., & Gražulevičius, J. et al. (2022). TICT compounds by design: comparison of two naphthalimide-pi-dimethylaniline conjugates of different lengths and ground state geometries. <i>PHYSICAL CHEMISTRY CHEMICAL PHYSICS</i> , 25(3), 2411-2419. doi: 10.1039/d2cp04250a	N 002 (100)	11.2.	VU (–)
1619.	VU (1)	6721462	Jakučionis, M., Žukas, A., & Abramavičius, D. (2022). Inspecting molecular aggregate quadratic vibronic coupling effects using squeezed coherent states. <i>PHYSICAL CHEMISTRY CHEMICAL PHYSICS</i> , 25(3), 1705-1716.	N 002 (100)	11.2.	VU (5,645)
1620.	VU (0,8333)	6721476	Korjik, M., Tamulaitis, G., Nargelas, S., Nomeika, K., Podlipskas, Ž., & Tamošiūnas, V. (2021). <i>European Patent application EP EP21158507.0</i> . European Patent Office.	N 002 (100)	11.3.	VU (11,785)
1621.	VU (0,6667)	6721490	Korjik, M., Tamulaitis, G., & Nargelas, S. (2021). <i>European Patent application EP EP21151093.8</i> . European Patent Office.	N 002 (100)	11.3.	VU (9,428)
1622.	VU (0,625)	6721501	Gaubas, E., Čeponis, T., Pūkas, K., Rumbauskas, V., Užgirytė, M., & Venius, J. et al. (2021). <i>European Patent application EP EP21151093.8</i> . European Patent Office.	N 002 (50)	11.00	VU (–)
1623.	VU (1)	6721519	Gaubas, E., Čeponis, T., Deveikis, L., Pavlov, J., & Rumbauskas, V. (2021). <i>European Patent application EP EP21165145.0</i> . European Patent Office.	N 002 (100)	11.3.	VU (10)
1624.	MRU (0,1111)	6721576	Bogunovic, I., Kljak, K., Dugan, I., Grbeša, D., Telak, L., & Duvnjak, M. et al. (2022). Grassland Management Impact on Soil Degradation and Herbage Nutritional Value in a Temperate Humid Environment. <i>Agriculture</i> , vol. 12(iss. 7), p. 758-765. doi: 10.3390/agriculture12070921	N 006 (100)	11.2.	MRU (1,811)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1625.	MRU (0,2)	6721660	Hrelja, I., Šestak, I., Delač, D., Pereira, P., & Bogunović, I. (2022). Soil Chemical Properties and Trace Elements after Wildfire in Mediterranean Croatia: Effect of Severity, Vegetation Type and Time-Since-Fire. <i>Agronomy-Basel</i> , vol. 12(iss. 7), p. 1329-1335. doi: 10.3390/agronomy12071515	N 006 (100)	11.2.	MRU (2,392)
1626.	MRU (0,1667)	6721727	Šestak, I., Pereira, P., Telak, L., Perčin, A., Hrelja, I., & Bogunović, I. (2022). Soil Chemical Properties and Fire Severity Assessment Using VNIR Proximal Spectroscopy in Fire-Affected Abandoned Orchard of Mediterranean Croatia. <i>Agronomy</i> , vol. 12(iss. 1), p. 26-32. doi: 10.3390/agronomy12010129	N 012 (100)	11.2.	MRU (1,993)
1627.	VU (0,75)	6723480	Brilingaitė, A., Bukauskas, L., Juozapavičius, A., & Kutka, E. (2022). Overcoming information-sharing challenges in cyber defence exercises. <i>JOURNAL OF CYBERSECURITY</i> , 8(1). doi: 10.1093/cybsec/tyac001	N 002 (100)	11.00	VU (–)
1628.	VU (1)	6723493	Gaigalas, G. (2022). A Program Library for Computing Pure Spin- Angular Coefficients for One- and Two-Particle Operators in Relativistic Atomic Theory. <i>ATOMS</i> , 10(4). doi: 10.3390/atoms10040129	N 002 (100)	11.00	VU (–)
1629.	VU (0,1429)	6723510	Li, J., Gaigalas, G., Bieron, J., Ekman, J., Jonsson, P., & Godefroid, M. et al. (2022). Re-Evaluation of the Nuclear Magnetic Octupole Moment of Bi-209. <i>ATOMS</i> , 10(4). doi: 10.3390/atoms10040132	N 002 (100)	11.00	VU (–)
1630.	VU (0,7143)	6723525	Jovaišaitė, J., Kirschner, S., Raišys, S., Kreiza, G., Baronas, Paulius, B., & Juršėnas, S. et al. (2022). Diboranthracene-Doped Polymer Systems for Colour-Tuneable Room-Temperature Organic Afterglow. <i>ANGEWANDTE CHEMIE-INTERNATIONAL EDITION</i> . doi: 10.1002/anie.202215071	N 002 (90), N 003 (10)	11.2.	VU (26,916)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
1631.	GTC (0,1)	6723740	Prozorov, A., Prozorova, T., Volkova, J., Yakovlev, R., Saldaitis, A., & Ortiz, A. et al. (2022). 26. Lemonia levantina Prozorov, Prozorova, Volkova, Yakovlev, Saldaitis, Ortiz, Bianco, Schneider, Revay & Müller, 2022. -. urn:lsid:zoobank.org:act:45B280B0- 4A54-481B-9ADE-3.	N 014 (100)	11.7.	GTC (4,5)
1632.	GTC (0,5)	6723770	VOLYNKIN, A., & Saldaitis, A. (2022). Agrisius cernyi Volynkin & Saldaitis, 2022. -. urn:lsid:zoobank.org:act:48B76671-CB87-4DF5-BAB6-5.	N 014 (100)	11.7.	GTC (10,607)
1633.	GTC (0,5)	6723824	VOLYNKIN, A., & Saldaitis, A. (2022). Agrisius frater Volynkin & Saldaitis, 2022. -. urn:lsid:zoobank.org:act:FDE812D5-453B- 49B0-A1EA-A.	N 014 (100)	11.7.	GTC (10,607)
1634.	GTC (0,5)	6723842	ANTON V. VOLYNKIN, A., & Saldaitis, A. (2022). Agrisius kachina Volynkin & Saldaitis, 2022. -. urn:lsid:zoobank.org:act:594F0100- 5027-412F-8B18-2.	N 014 (100)	11.7.	GTC (10,607)
1635.	GTC (0,5)	6723860	VOLYNKIN, A., & Saldaitis, A. (2022). Agrisius soror Volynkin & Saldaitis, 2022. -. urn:lsid:zoobank.org:act:927B8681-D97B-4385- 960C-A.	N 014 (100)	11.7.	GTC (10,607)
1636.	VU (0,0769)	6723898	Han, M., Smith, D., Ng, S., Vilagosh, Z., Anand, V., & Katkus, T. et al. (2022). THz Filters Made by Laser Ablation of Stainless Steel and Kapton Film. <i>MICROMACHINES</i> , 13(8). doi: 10.3390 /mi13081170	N 002 (100)	11.2.	VU (1,39)
1637.	GTC (0,5)	6723937	VOLYNKIN, A., & Saldaitis, A. (2022). Agrisius witti Volynkin & Saldaitis, 2022. -. urn:lsid:zoobank.org:act:F8BA8CB5-17BB- 4186-9DFE-4.	N 014 (100)	11.7.	GTC (10,607)
1638.	GTC (0,5)	6723953	Makarikov, A., & Binkiene, R. (2022). Kontrimavichusia Makarikov & Binkiene, 2022. -. urn:lsid:zoobank.org:act:2C526F20-1F47- 4A0C-8037-2.	N 014 (100)	11.7.	GTC (10,607)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1639.	GTC (0,4)	6723973	Tierra, G., Lorenz, T., Iezhova, T., Sehgal, R., & Valkiūnas, G. (2022). Leucocytozoon polynuclearis Groff, Lorenz, Iezhova, Sehgal & Valkiūnas, 2022. -. urn:lsid:zoobank.org:act:6C42B684- 62AF-49AF-A9C9-5.	N 014 (100)	11.7.	GTC (10,392)
1640.	GTC (0,0833)	6723996	Achatz, T., Martens, J., Kudlai, O., Junker, K., Boe, N., & Tkach, V. (2022). Neofibricola smiti Achatz, Martens, Kudlai, Junker, Boe & Tkach, 2022. -. urn:lsid:zoobank.org:act:99B710BB-8B82-40A3- B484-B.	N 014 (100)	11.7.	GTC (3,062)
1641.	GTC (0,5)	6724018	Saldaitis, A., & Volynkin, A. (2022). Valeria kalashiani Saldaitis & Volynkin, 2022. -. urn:lsid:zoobank.org:act:F27FE5A0-E4C9-4BE5-93AB-A.	N 014 (100)	11.7.	GTC (10,607)
1642.	GTC (0,5)	6724078	VOLYNKIN, A., & Saldaitis, A. (2022). Cyana luxuriosa Volynkin & Saldaitis, 2022. -. urn:lsid:zoobank.org:act:EDD44B0E-270C- 42A7-A4ED-C.	N 014 (100)	11.7.	GTC (10,607)
1643.	GTC (0,25)	6724124	Saldaitis, A., Volynkin, A., Speidel, W., & Zahiri, R. (2022). Nikara saldi Saldaitis, Volynkin, Speidel & Zahiri, 2022. -. urn:lsid:zoobank.org:act:DF6FFD34-459E-432F-8FCB-1.	N 014 (100)	11.7.	GTC (7,5)
1644.	VU (1)	6724181	Snicorius, M., Drevinskaitė, M., Miglinas, M., Čekauskas, A., Stadulytė, M., & Bandzevičiūtė, R. et al. (2022). A Novel Infrared Spectroscopy Method for Analysis of Stone Dust for Establishing Final Composition of Urolithiasis. <i>EUROPEAN UROLOGY OPEN SCIENCE</i> , 47, 36-42. doi: 10.1016/j.euros.2022.11.007	N 002 (100)	11.2.	VU (9,016)
1645.	VU (0,3333)	6726937	Włodarczyk, I., Černis, K., & Boyle, R. (2022). Observational data and orbits of the asteroids discovered at the VATT Observatory in 2010-2012. <i>BULGARIAN ASTRONOMICAL JOURNAL</i> , 37, 1-15.	N 002 (100)	11.00	VU (–)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1646.	VU (0,3333)	6727013	Ibenskas, A., Šimėnas, M., & Tornau, E. (2022). Ordering of monomers, dimers and polymers of deposited Br2I2Py molecules: a modeling study. <i>PHYSICAL CHEMISTRY CHEMICAL PHYSICS</i> , 25 (4), 3449-3456. doi: 10.1039/d2cp05463a	N 002 (100)	11.2.	VU (–)
1647.	VU (0,7)	6727056	Kalendra, V., Turcak, J., Banys, J., Morton, J., & Šimėnas, M. (2022). X- and Q-band EPR with cryogenic amplifiers independent of sample temperature. <i>JOURNAL OF MAGNETIC RESONANCE</i> , 346. doi: 10.1016/j.jmr.2022.107356	N 002 (100)	11.2.	VU (8,739)
1648.	VU (0,1818)	6727600	Levchenko, I., Baranov, O., Riccardi, C., Roman, H., Cvelbar, U., & Ivanova, E. et al. (2022). Nanoengineered Carbon-Based Interfaces for Advanced Energy and Photonics Applications: A Recent Progress and Innovations. <i>ADVANCED MATERIALS INTERFACES</i> . doi: 10.1002/admi.202201739	N 002 (100)	11.2.	VU (4,534)
1649.	VU (0,0833)	6728309	Daškevičiūtė-Gegužienė, Š., Zhang, Y., Rakštys, K., Xiao, C., Xia, J., & Qiu, Z. et al. (2022). Passivating Defects of Perovskite Solar Cells with Functional Donor-Acceptor-Donor Type Hole Transporting Materials. <i>ADVANCED FUNCTIONAL MATERIALS</i> , 33 (1). doi: 10.1002/adfm.202208317	N 002 (100)	11.2.	VU (–)
1650.	VU (1)	6737977	Ganpule, S., Vijaya, A., Sukova, A., & Preta, G. (2022). Membrane Cholesterol Content and Lipid Organization Influence Melittin and Pneumolysin Pore-Forming Activity. <i>TOXINS</i> , 14(5). doi: 10.3390/toxins14050346	N 004 (100)	11.2.	VU (8,193)
1651.	VU (0,0833)	6738232	Kapustina, Zana), K., Medžiūnė, J., Dubovskaja, V., Matjošaitis, K., Žeimytė, S., & Lubys, A. (2022). Sensitive and accurate analysis of gene expression signatures enabled by oligonucleotide- labelled cDNA. <i>RNA BIOLOGY</i> , 19(1), 774-780.	N 010 (100)	11.2.	VU (0,809)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1652.	VU (0,2143)	6738286	Medžiūnė, J., Kapustina, Ž., Žeimytė, S., Jakubovska, J., Sindikevičienė, R., & Čikotienė, I. et al. (2022). Advanced preparation of fragment libraries enabled by oligonucleotide- modified 2',3'-dideoxynucleotides. <i>COMMUNICATIONS CHEMISTRY</i> , 5(1). doi: 10.1038/s42004-022-00649-9	N 003 (100)	11.2.	VU (2,42)
1653.	VU (0,1818)	6740614	Han, Y., King, M., Tikhomirov, E., Barasa, P., Souza, C., & Lindh, J. et al. (2022). Towards 3D Bioprinted Spinal Cord Organoids. <i>INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES</i> , 23(10). doi: 10.3390/ijms23105788	N 004 (50), N 010 (50)	11.2.	VU (3,008)
1654.	GTC (0,1667)	6740864	Achatz, T., Martens, J., Kudlai, O., Junker, K., Boe, N., & Tkach, V. (2022). Neofibricola Achatz, Martens, Kudlai, Junker, Boe & Tkach, 2022. -. urn:lsid:zoobank.org:act:04F30819- 34B4-41B5- 8BE1-.	N 014 (100)	11.7.	GTC (5,59)
1655.	GTC (0,2)	6740878	Uhrovič, D., Oros, M., Kudlai, O., Kuchta, R., & Scholz, T. (2022). Archigetes loculotruncatus Uhrovič, Oros, Kudlai, Kuchta & Scholz, 2022. -. urn:lsid:zoobank.org:act:1C1DE51D-7DC2-41A6- 9CCB-9.	N 014 (100)	11.7.	GTC (6)
1656.	GTC (0,2)	6740897	Uhrovič, D., Oros, M., Kudlai, O., Kuchta, R., & Scholz, T. (2022). Archigetes megacephalus Uhrovič, Oros, Kudlai, Kuchta & Scholz, 2022. -. urn:lsid:zoobank.org:act:66185BB1-AF2D-456C-BA5E-7.	N 014 (100)	11.7.	GTC (6)
1657.	GTC (0,2)	6740909	Uhrovič, D., Oros, M., Kudlai, O., Kuchta, R., & Scholz, T. (2022). Archigetes vadosus Uhrovič, Oros, Kudlai, Kuchta & Scholz, 2022. -. urn:lsid:zoobank.org:act:21724C2F-6202-4E5D-A514-D.	N 014 (100)	11.7.	GTC (6)
1658.	VU (1)	6742334	Ambrulevičius, F., & Valinčius, G. (2022). Electrochemical impedance spectrum reveals structural details of distribution of pores and defects in supported phospholipid bilayers. <i>BIOELECTROCHEMISTRY</i> , 146.	N 004 (50), N 011 (50)	11.2.	VU (8,602)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškais ⁵
1659.	VU (0,0556)	6742825	Ramakrishnan, C., Krishnan, A., Francisco, S., Schmid, M., Russo, G., & Leitao, A. et al. (2022). Dissection of Besnoitia besnoiti intermediate host life cycle stages: From morphology to gene expression. <i>PLOS PATHOGENS</i> , 18(11). doi: 10.1371/journal.ppat. 1010955	N 010 (100)	11.2.	VU (–)
1660.	VU (0,5)	6742959	Ignatavičius, G., Unsal, M., Busher, P., Wolkowicz, S., Šatkunas, J., & Šulijienė, G. et al. (2022). Geochemistry of mercury in soils and water sediments. <i>AIMS ENVIRONMENTAL SCIENCE</i> , 9(3), 261-281. doi: 10.3934/environsci.2022019	N 012 (100)	11.00	VU (–)
1661.	KTU (1)	6744369	Mihalkovich, A., Levinskas, M., & Sakalauskas, E. (2022). Counter mode of the shannon block cipher based on MPF defined over a non-commuting group. <i>Mathematics</i> , vol. 10(iss. 18), p. 1-17. doi: 10.3390/math10183363	N 001 (80), N 009 (20)	11.2.	KTU (14,923)
1662.	KTU (0,9286)	6744403	Rinkevicius, Z., Kaminskas, M., Palevičius, P., Ragulskis, M., Bočkutė, K., & Sriubas, M. et al. (2022). A polarizable coarse- grained model for metal, metal oxide and composite metal/metal oxide nanoparticles: development and implementation. <i>Physical chemistry chemical physics</i> , vol. 24(iss. 45), p. 27731-27741. doi: 10.1039/D2CP03461A	N 001 (20), N 002 (40)	11.2.	KTU (4,448)
1663.	VU (0,04)	6744607	Buters, J., Clot, B., Galán, C., Gehrig, R., Gilge, S., & Hentges, F. et al. (2022). Automatic detection of airborne pollen: an overview. <i>Aerobiologia, first on line</i> , p. [1-25]. doi: 10.1007/s10453-022-09750-x	N 012 (100)	11.2.	VU (0,806)
1664.	VU (0,0556)	6744640	Tummon, F., Bruffaerts, N., Celenk, S., Choël, M., Clot, B., & Crouzy, B. et al. (2022). Towards standardisation of automatic pollen and fungal spore monitoring: best practises and guidelines. <i>Aerobiologia: Special Issue: Autopollen, first published online</i> , p. [1-17]. doi: 10.1007/s10453-022-09755-6	N 012 (100)	11.2.	VU (0,977)

Eil. Nr.	Mokslo ir studijų institucijos ² , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys ³ (krypčių dalys, proc.)	Darbo rūšis ⁴	Institucijoms tekusi darbo formalioji vertė, taškai ⁵
1665.	VU (0,1429)	6744715	Pandey, A., Yang, T., Cheng, S., Huang, C., Brangule, A., & Kareiva, A. et al. (2021). A novel one-pot synthesis and characterization of silk fibroin/alpha-calcium sulfate hemihydrate for bone regeneration. <i>Polymers</i> , vol. 13(iss. 12), p. [1-11]. doi: 10.3390/polym13121996	N 003 (100)	11.2.	VU (2,16)
1666.	VU (0,125)	6745191	Murugavel, Baheerathan), M., Mitkus, Mindaugas, M., Somanathan, Hema, S., & Kelber, Almut, K. (2022). Retinal ganglion cell topography and spatial resolution in three Indian pteropodid bats. <i>BRAIN BEHAVIOR AND EVOLUTION</i> , 98(2), 76- 92. doi: 10.1159/000528417	N 011 (20), N 014 (80)	11.2.	VU (1,35)
1667.	VU (1)	6745954	Preta, G. (2022). Role of Lactone and Acid Forms in the Pleiotropic Effects of Statins. <i>Pharmaceutics</i> , 14(9), 3. doi: 10.3390/pharmaceutics14091899	N 004 (100)	11.2.	VU (10,217)
1668.	VU (0,25)	6745972	Karpus, L., Jauniškis, V., Repečka, D., & Meškys, R. (2022). <i>U. S. Patent application US US20220367007A1</i> . U. S. Patent and Trademark Office.	N 004 (50)	11.3.	VU (1,25)
1669.	VU (0,25)	6745986	Karpus, L., Jauniškis, V., Repečka, D., & Meškys, R. (2022). <i>European Patent application EP EP4035162A1</i> . European Patent Office.	N 004 (50)	11.3.	VU (1,25)

¹ Išskyrus Kasmetinio universitetų ir mokslinių tyrimų institutų mokslinių tyrimų ir eksperimentinės plėtros, meno veiklos vertinimo aprašo (toliau – Aprašas), patvirtinto Lietuvos Respublikos švietimo, mokslo ir sporto ministro 2021 m. rugsėjo 2 d. įsakymu Nr. V-1593, 3 priedo 8-11 mokslo sklaidos vienetų (darbų) rūšis.

² KTU – Kauno technologijos universitetas, KU – Klaipėdos universitetas, LKA – Generolo Jono Žemaičio Lietuvos karo akademija, LSMU – Lietuvos sveikatos mokslų universitetas, LSU – Lietuvos sporto universitetas, MRU – Mykolo Romerio universitetas, VDU – Vytauto Didžiojo universitetas, VILNIUS TECH – Vilniaus Gedimino technikos universitetas, VU – Vilniaus universitetas, EHU – Europos humanitarinis universitetas, FTMC – Valstybinis mokslinių tyrimų institutas Fizinių ir technologijos mokslų centras, GTC – Gamtos tyrimų centras, IMC – Valstybinis mokslinių tyrimų institutas Inovatyvios medicinos centras, LAMMC – Lietuvos agrarinių ir miškų mokslų centras, LEI – Lietuvos energetikos institutas, LII – Lietuvos istorijos institutas, NVI – Nacionalinis vėžio institutas, BPTI – Baltijos pažangių technologijų institutas, LSMUL KK – Lietuvos sveikatos mokslų universiteto ligoninės Kauno klinikos, VUL SK – Vilniaus universiteto ligoninės Santaros klinikos.

³ N 001 – matematika, N 002 – fizika, N 003 – chemija, N 004 – biochemija, N 005 – geologija, N 006 – fizinė geografija, N 008 – astronomija, N 009 – informatika, N 010 – biologija, N 011 – biofizika, N 012 – ekologija ir aplinkotyra, N 013 – botanika, N 014 – zoologija.

⁴ 11.1. – 11.1. Tarptautiniu mastu pripažintos mokslo leidyklos išleista mokslo monografija (ne mažesnės apimties kaip 8 aut. l.) ar jos dalis (dalis), 11.2. – 11.2 Mokslo straipsnis žurnale, kurio IF ir CA JCR žurnalų kryptinės kategorijos agreguotojo cituojamumo rodiklio AIF santykis IF/AIF yra didesnis už 0,25, o jei žurnalas priklauso kelioms kategorijoms – kurio visų kategorijų IF/AIF vidurkis, paskaičiuotas pagal kategorijų dydį, yra didesnis už 0,25, 11.3. – 11.3. Europos patentų biurui, JAV patentų ir prekių ženklų biurui ar Japonijos patentų biurui pateiktos patentų paraiškos (pagal registracijos pažymėjimą), 11.4. – 11.4. Europos patentų biuro, JAV patentų ir prekių ženklų biuro ar Japonijos patentų biuro išduoti patentai, 11.5. – 11.5. Europos specializuotuose centruose tarptautinę ekspertizę praėjusios augalų, išskyrus dekoratyvinius augalus (pateikiami Reports on Technical Examination of the DUS Testing), ir gyvūnų veislės, 11.7. – 11.7. Tarptautinę ekspertizę praėjusios mokslui naujos organizmų rūšys (tipinis egzempliorius (standartas) nurodytoje mokslinėje kolekcijoje; patalpinimas tarptautiniame organizmų grupės kataloge), 11.8. – 11.8. Mokslo srities ar krypties terminų žodynas, mokslinis žinynas, enciklopedija, 11.00 – 11.00. Mokslo darbas, neatitinkantis jokios Aprašo 3 priedo mokslo darbų rūšies.

⁵ (–) – netinkamas, (ks) – perkelta į kitą mokslo sritį (sričių grupę).