



LIETUVOS MOKSLO TARYBOS PIRMININKAS

ĮSAKYMAS

DĖL TECHNOLOGIJOS 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-574
Vilnius

Vadovaudamasis Kasmetinio universitetų ir mokslinių tyrimų institutų mokslinių tyrimų ir eksperimentinės plėtos, 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 plėtos, meno veiklos vertinimo procedūrų reglamento, patvirtinto Lietuvos mokslo tarybos (toliau – Tarybos) pirmininko 2021 m. rugsėjo 9 d. įsakymu Nr. V-337 „Dėl Lietuvos universitetų ir mokslinių tyrimų institutų mokslinių tyrimų ir eksperimentinės plėtos, meno veiklos vertinimo procedūrų reglamento patvirtinimo“, 56 punktu, atsižvelgdamas į ekspertinio vertinimo išvadas 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 technologijos mokslų srities 2022 metais paskelbtų ir pateiktų vertinti mokslo sklaidos vienetų (darbų) formaliojo įvertinimo rezultatus „Technologijos 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

PATVIRTINTA
Lietuvos mokslo tarybos pirmininko
2023 m. spalio 18 d. įsakymu Nr. V-574

**Technologijos mokslų srities 2022 metais paskelbtų ir mokslo ir studijų institucijų pateiktų vertinti mokslo sklaidos vienetų (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.	FTMC (0,625); LAMMC (0,375)	5526460	Gavutis, M., Stankevičienė, G., Mazėtytė-Godienė, A., Jelinskas, T., Vinskienė, J., & Haimi, P. et al. (2022). Biochip surfaces containing recombinant cell-binding domains of fibronectin. <i>Coatings</i> , vol. 12(iss. 7), p. 1-14. doi: 10.3390/coatings12070880	T 005 (30), T 008 (40)	11.2.	FTMC (2,658); LAMMC (1,594)
2.	LAMMC (0,625); FTMC (0,25); KTU (0,125)	5526841	Radzevičius, A., Sakalauskienė, S., Dagys, M., Simniškis, R., Karklelienė, R., & Juškevičienė, D. et al. (2022). Differential physiological response and antioxidant activity relative to high- power micro-waves irradiation and temperature of tomato sprouts. <i>Agriculture</i> , vol. 12(iss. 3), p. 1-10. doi: 10.3390/agriculture12030422	T 001 (40)	11.2.	LAMMC (2,353); FTMC (0,941); KTU (0,471)
3.	LAMMC (0,8571); KU (0,1429)	5527070	Mockevičienė, I., Karčauskienė, D., Šlepetienė, A., Vilkienė, M., Repšienė, R., & Brazienė, Z. et al. (2022). Influence of liming intensity on fractions of humified organic carbon in acid soil: a case study. <i>Sustainability</i> , vol. 14(iss. 9), p. 1-13. doi: 10.3390/su14095297	T 004 (10)	11.2.	LAMMC (0,557); KU (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
4.	VU (0,625); NVI (0,3125); VUL SK (0,25); VILNIUS TECH (0,0625)	5527444	Čiburienė, E., Aidietienė, S., Ščerbickaitė, G., Brasiūnienė, B., Drobnienė, M., & Baltruškevičienė, E. et al. (2022). Development of a cardio-oncology service in Lithuania: Prediction, prevention, monitoring and treatment of cancer treatment-induced cardiotoxicity. <i>Journal of cardiovascular development and disease: Cardiovascular Toxicity Related to Cancer Treatment</i> , vol. 9(iss. 5), p. 1-18. doi: 10.3390/jcdd9050134	T 008 (10)	11.2.	VU (0,323); NVI (0,162); VUL SK (–); VILNIUS TECH (0,032)
5.	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	T 005 (20)	11.2.	NVI (1,452); VU (0,774); VILNIUS TECH (0,29)
6.	NVI (0,7222); VU (0,2222); VILNIUS TECH (0,0556)	5527712	Jarockytė, G., Stašys, M., Poderys, V., Buivydaitė, 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	T 005 (20), T 008 (30)	11.2.	NVI (2,818); VU (0,867); VILNIUS TECH (0,217)
7.	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	T 005 (20)	11.2.	GTC (1,465); FTMC (0,418); NVI (0,314); VILNIUS TECH (0,209); VU (0,105)
8.	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	T 005 (30)	11.2.	NVI (1,241); VU (0,621); FTMC (0,465); VILNIUS TECH (0,155)

Eil. Nr.	Mokslo ir studijų 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
9.	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	T 005 (10)	11.2.	VU (0,549); NVI (0,302); VILNIUS TECH (0,137)
10.	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	T 005 (20)	11.2.	VU (3,083); NVI (0,997); VILNIUS TECH (0,181)
11.	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	T 001 (40)	11.2.	IMC (2,085); VILNIUS TECH (1,39)
12.	LAMMC (0,6667); VDU (0,3333)	5530408	Venslauskas, K., Navickas, K., Rubežius, M., Tilvikienė, V., Supronienė, S., & Doyeni, M. et al. (2022). Environmental impact assessment of sustainable pig farm via management of nutrient and co-product flows in the farm. <i>Agronomy-Basel</i> , vol. 12(iss. 4), p. 1-17. doi: 10.3390/agronomy12040760	T 004 (30)	11.2.	LAMMC (1,691); VDU (0,846)
13.	LAMMC (0,6667); VDU (0,3333)	5530497	Doyeni, M., Barčauskaitė, K., Bunevičienė, K., Venslauskas, K., Navickas, K., & Rubežius, M. et al. (2022). Nitrogen flow in livestock waste system towards an efficient circular economy in agriculture. <i>Waste Management & Research: The Journal for a Sustainable Circular Economy</i> , p. 1-10.	T 004 (30)	11.2.	LAMMC (1,188); VDU (0,594)

Eil. Nr.	Mokslo ir studijų 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
14.	VILNIUS TECH (0,6667); LAMMC (0,3333)	5530562	Usevičiūtė, L., Baltrėnaitė-Gedienė, E., & Feizienė, D. (2022). The combined effect of biochar and mineral fertilizer on triticale yield, soil properties under different tillage systems. <i>Plants: Soil fertility and plant nutrition for sustainable agriculture</i> , vol. 11(iss. 1), p. 1-22. doi: 10.3390/plants11010111	T 004 (50)	11.2.	VILNIUS TECH (3,109); LAMMC (1,554)
15.	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	T 001 (50)	11.2.	VILNIUS TECH (3,065); IMC (2,043)
16.	VILNIUS TECH (0,4286); IMC (0,2143)	5534169	Radzevičiūtė, E., Malyško-Ptašinskė, V., Kulbacka, J., Rembialkowska, 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	T 001 (50)	11.2.	VILNIUS TECH (2,607); IMC (1,303)
17.	IMC (0,05); VILNIUS TECH (0,05)	5534296	Rakoczy, K., Kisieleska, 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	T 001 (20)	11.2.	IMC (0,075); VILNIUS TECH (0,075)
18.	IMC (0,6667); VILNIUS TECH (0,2778)	5535930	Balevičiūtė, A., Radzevičiūtė, E., Želvys, A., Malyško-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	T 001 (40)	11.2.	IMC (3,163); VILNIUS TECH (1,318)

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
19.	VU (1)	5546011	Gaubienė, N. (2022). Digital assets in the process of enforcement of judgements at the intersection of the interests of digital economy. <i>IAI Academic Conference Proceedings: Vienna Academic Conference, 21 June 2022</i> , p. 12-18.			VU (ks)
20.	LAMMC (0,5); KTU (0,25); LSMU (0,25)	5549593	Balčiūnaitienė, A., Liaudanskas, M., Puzerytė, V., Viškelis, J., Janulis, V., & Viškelis, P. et al. (2022). Eucalyptus globulus and Salvia officinalis extracts mediated green synthesis of silver nanoparticles and their application as an antioxidant and antimicrobial agent. <i>Plants</i> , vol. 11(iss. 8), p. 1-16. doi: 10.3390/plants11081085	T 008 (60)	11.2.	LAMMC (2,798); KTU (1,399); LSMU (1,399)
21.	LAMMC (0,6667); VILNIUS TECH (0,1667)	5549622	Ayaz, M., Feizienė, D., Feiza, V., Tilvikienė, V., Baltrėnaitė- Gedienė, E., & Khan, A. (2022). The impact of swine manure biochar on the physical properties and microbial activity of loamy soils. <i>Plants-Basel: Selected Papers from Conference of CYSENI 2022</i> , vol. 11(iss. 13), p. 1-19. doi: 10.3390/plants11131729	T 004 (50)	11.2.	LAMMC (4,396); VILNIUS TECH (1,099)
22.	KTU (0,3333); LAMMC (0,3333); VILNIUS TECH (0,3333)	5549635	Vaitiekūnaitė, D., Bružaitė, I., & Snitka, V. (2022). Endophytes from blueberry (<i>Vaccinium</i> 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	T 005 (30)	11.2.	KTU (1,341); LAMMC (1,341); VILNIUS TECH (1,341)
23.	LSMU (0,5); LAMMC (0,2); KTU (0,1)	5549789	Bartkienė, E., Starkutė, V., Zokaitytė, E., Klupsaitė, D., Mockus, E., & Bartkevics, V. et al. (2022). Comparison study of nontreated and fermented wheat varieties 'Ada', 'Sarta', and new breed blue and purple wheat lines wholemeal flour. <i>Biology</i> , vol. 11(iss. 7), p. 1-26. doi: 10.3390/biology11070966	T 005 (10)	11.2.	LSMU (0,603); LAMMC (0,241); KTU (0,121)

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
24.	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	T 008 (50)	11.2.	VU (2,785); FTMC (1,989)
25.	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	T 008 (50)	11.2.	KTU (1,9); VU (1,52)
26.	KTU (1)	5558490	Meškinis, Š., Vasiliauskas, A., Gudaitis, R., Andrulevičius, M., & Guobienė, A. (2022). Direct graphene synthesis on Si(1 0 0) by inductively coupled plasma beam source. <i>Applied surface science</i> , vol. 580, p. 1-13. doi: 10.1016/j.apsusc.2021.152265	T 008 (100)	11.2.	KTU (9,549)
27.	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	T 008 (70)	11.2.	KTU (2,78); FTMC (1,39)
28.	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	T 008 (50)	11.2.	KTU (4,268)
29.	KTU (1)	5558539	Stankus, V., Vasiliauskas, A., Guobienė, A., Andrulevičius, M., & Meškinis, Š. (2022). Direct synthesis of graphene on silicon by reactive magnetron sputtering deposition. <i>Surface and coatings technology</i> , vol. 437, p. 1-11. doi: 10.1016/j.surfcoat.2022.128361	T 008 (100)	11.2.	KTU (9,182)

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
30.	KTU (1)	5558583	Tamulevicius, T., Juodenas, M., Tamuleviciene, A., Klinavicius, T., & Tamulevicius, S. (2022). <i>U. S. Patent application US 2022314682 A1.2022-10-06</i> . U. S. Patent and Trademark Office.	T 008 (100)	11.3.	KTU (10)
31.	KTU (1)	5558595	Tamulevicius, T., Juodenas, M., Tamuleviciene, A., Klinavicius, T., & Tamulevicius, S. (2022). <i>European Patent application EP 4067102 A1.2022-10-05</i> . European Patent Office.	T 008 (100)	11.3.	KTU (10)
32.	KTU (0,5714); LSMU (0,2143); VU (0,2143)	5558608	Deimantavicius, M., Chaleckas, E., Boere, K., Putnynaite, V., Tamošutis, T., & Tamašauskas, A. et al. (2022). Feasibility of the optimal cerebral perfusion pressure value identification without a delay that is too long. <i>Scientific reports</i> , vol. 12(iss. 1), p. 1-12. doi: 10.1038/s41598-022-22566-6	T 010 (60)	11.2.	KTU (2,219); LSMU (0,832); VU (0,832)
33.	LSMU (0,1111); KTU (0,0833); VU (0,0278)	5558631	Galimberti, S., Graziano, F., Maas, A., Isernia, G., Lecky, F., & Jain, S. et al. (2022). Effect of frailty on 6-month outcome after traumatic brain injury: a multicentre cohort study with external validation. <i>Lancet neurology</i> , vol. 21(iss. 2), p. 153-162. doi: 10.1016/S1474-4422(21)00374-4	T 001 (20), T 010 (20)	11.2.	LSMU (10,934); KTU (8,2); VU (2,734)
34.	KTU (0,6667); LSMU (0,3333)	5558661	Hamarat, Y., Deimantavicius, M., Dambrauskas, V., Labunskas, V., Putnynaite, V., & Lucinskas, P. et al. (2022). Prospective pilot clinical study of noninvasive cerebrovascular autoregulation monitoring in open-angle glaucoma patients and healthy subjects. <i>Translational vision science & technology</i> , vol. 11(iss. 2), p. 1-10. doi: 10.1167/tvst.11.2.17	T 001 (30), T 010 (30)	11.2.	KTU (3,696); LSMU (1,848)
35.	VU (0,7); FTMC (0,1)	5559109	Merkininkaitė, G., Aleksandravičius, E., Malinauskas, M., Gailevičius, D., & Šakirzanovas, S. (2022). Laser additive manufacturing of Si/ZrO ₂ tunable crystalline phase 3D nanostructures. <i>Opto-electronic advances</i> , vol. 5(iss. 5), p. [1- 11]. doi: 10.29026/oea.2022.210077	T 008 (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, taškais ⁵
36.	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	T 008 (50)	11.2.	VU (5,251)
37.	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	T 007 (50)	11.2.	KTU (4,306)
38.	KTU (0,8571)	5566216	Jusas, V., Butkiene, R., Venčkauskas, A., Grigaliūnas, Š., Gudoniene, D., & Burbaite, R. et al. (2022). Sustainable and security focused multimodal models for distance learning. <i>Sustainability</i> , vol. 14(iss. 6), p. 1-26. doi: 10.3390/su14063414	T 007 (100)	11.2.	KTU (7,877)
39.	KTU (1)	5566231	Odusami, M., Maskeliūnas, R., & Damaševičius, R. (2022). An intelligent system for early recognition of Alzheimer’s disease using neuroimaging. <i>Sensors</i> , vol. 22(iss. 3), p. 1-21. doi: 10.3390/s22030740	T 007 (100)	11.2.	KTU (8,244)
40.	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	T 001 (30)	11.2.	KTU (3,056)
41.	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	T 010 (20)	11.2.	VDU (1,308); KTU (0,436); LAMMC (0,436)

Eil. Nr.	Mokslo ir studijų 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
42.	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	T 006 (20)	11.2.	FTMC (2,014); LEI (0,732); LAMMC (0,549); VU (–)
43.	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	T 008 (20)	11.2.	VU (1,62); FTMC (0,54)
44.	VU (0,0313)	5571211	Al-Shayeb, B., Skopintsev, P., Soczek, K., Stahl, E., Li, Z., & Groover, E. et al. (2022). Diverse virus-encoded CRISPR-Cas systems include streamlined genome editors. <i>Cell</i> , vol. 185(iss. 24), p. 4574-4586, e1-e16. doi: 10.1016/j.cell.2022.10.020	T 005 (100)	11.2.	VU (4,44)
45.	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	T 005 (30)	11.2.	VU (1,408)
46.	LEI (0,75); KU (0,125); LAMMC (0,125)	5571397	Kiminaitė, I., Lisauskas, A., Striūgas, N., & Kryževičius, Ž. (2022). Fabrication and characterization of environmentally friendly biochar anode. <i>Energies</i> , vol. 15(no. 1), p. 1-13. doi: 10.3390/en15010112	T 005 (10), T 006 (80)	11.2.	LEI (3,339); KU (0,557); LAMMC (0,557)

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
47.	VU (0,4333); FTMC (0,2333); LAMMC (0,2); LEI (0,1); VILNIUS TECH (0,0333)	5571451	Samukaitė-Bubnienė, U., Žukauskas, Š., Ratautaitė, V., Vilkienė, 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	T 008 (40)	11.2.	VU (0,857); FTMC (0,462); LAMMC (0,396); LEI (0,198); VILNIUS TECH (0,066)
48.	LAMMC (0,5); VDU (0,5)	5571588	Damanauskas, V., & Janulevičius, A. (2022). Effect of tillage implement (spring tine cultivator, disc harrow), soil texture, forward speed and tillage depth on fuel consumption and tillage quality. <i>Journal of agricultural engineering</i> , Vol. 53(No. 3), p. 1-5. doi: 10.4081/jae.2022.1371	T 003 (50)	11.00	LAMMC (-); VDU (-)
49.	LSMU (0,8478); LAMMC (0,087); KTU (0,0217)	5571665	Klupšaitė, D., Kaminskaitė, A., Rimša, A., Gerybaitė, A., Stankaitytė, A., & Sileikaitė, A. et al. (2022). The contribution of new breed purple wheat (8526-2 and 8529-1) varieties wholemeal flour and sourdough to quality parameters and acrylamide formation in wheat bread. <i>Fermentation</i> , vol. 8(iss. 12), p. 1-21. doi: 10.3390/fermentation8120724	T 005 (10)	11.2.	LSMU (0,804); LAMMC (0,083); KTU (0,021)
50.	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	T 005 (30)	11.2.	VU (0,982)
51.	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	T 005 (30)	11.2.	VU (0,811)

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, taškais ⁵
52.	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	T 005 (30)	11.2.	VU (0,712)
53.	VU (0,5); VILNIUS TECH (0,2857); VUL SK (0,2143)	5579706	Navakauskienė, R., Baronaitė, S., Matuzevičius, D., Krasovskaja, N., Treigytė, 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	T 001 (50)	11.2.	VU (2,065); VILNIUS TECH (1,18); VUL SK (0,885)
54.	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	T 004 (30)	11.00	VU (–); VDU (–)
55.	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	T 005 (30)	11.2.	VU (3,772); VILNIUS TECH (1,257)
56.	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	T 005 (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
57.	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	T 005 (20)	11.2.	VU (2,577)
58.	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	T 005 (30)	11.2.	VU (2,558)
59.	KU (0,9167); VU (0,0833)	5583319	Uebe, J., Kryževičius, Ž., Kuhan, A., Torkelis, A., Kosychova, L., & Žukauskaitė, A. (2022). Improving of pyrolysis oil from macroalgae <i>Cladophora glomerata</i> with HDPE pyrolysis oil. <i>Journal of marine science and engineering</i> , vol. 10(iss. 2), p. 1- 14. doi: 10.3390/jmse10020131	T 005 (100)	11.2.	KU (7,531); VU (0,685)
60.	KU (0,9167); VU (0,0833)	5583333	Uebe, J., Kryževičius, Ž., Majauskienė, R., Dulevičius, M., Kosychova, L., & Žukauskaitė, A. (2022). Use of polypropylene pyrolysis oil in alternative fuel production. <i>Waste management & research</i> , vol. 40(no. 8), p. 1220-1230. doi: 10.1177/0734242X211068243	T 005 (100)	11.2.	KU (5,446); VU (0,495)
61.	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	T 005 (30)	11.2.	VU (2,065)
62.	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.	T 005 (40)	11.4.	VU (1,697)

Eil. Nr.	Mokslo ir studijų 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
63.	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.	T 005 (30)	11.4.	VU (4,677)
64.	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.	T 005 (40)	11.4.	VU (2,598)
65.	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.	T 005 (40)	11.4.	VU (6)
66.	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.	T 005 (40)	11.4.	VU (5,303)
67.	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.	T 005 (40)	11.4.	VU (6)
68.	VU (0,5)	5584071	Deschamps, S., Šikšnys, V., Young, J., & Zaremba, M. (2022). <i>European Patent application EP EP3790993A4</i> . European Patent Office.	T 005 (30)	11.00	VU (–)
69.	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.	T 005 (30)	11.3.	VU (3)
70.	VU (0,875)	5584122	Mažutis, L., Stonytė, G., Leonavičius, K., & Želvytė, A. (2022). <i>European Patent application EP EP3986606A1</i> . European Patent Office.	T 005 (40)	11.3.	VU (4,95)
71.	VU (1)	5584241	Žvirblis, G., Sližienė, A., Plečkaitytė, M., & Zaveckas, M. (2022). <i>European Patent application EP EP4056595A1</i> . European Patent Office.	T 005 (40)	11.3.	VU (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, taškai ⁵
72.	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	T 005 (30)	11.2.	VU (3,092)
73.	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	T 005 (30)	11.2.	VU (0,044)
74.	LAMMC (0,875)	5584922	Vaštakaitė-Kairienė, V., Brazaitytė, A., Samuolienė, G., Viršilė, A., Miliauskienė, J., & Jankauskienė, J. et al. (2022). The influence of LED light photoperiod on growth and mineral composition of Brassica microgreens indoors. In <i>Acta horticulturae: Proceedings of the IX International Symposium on Light in Horticulture/ Malmö, Sweden/ May 31 – June 2, 2021</i> (no. 1337, p. 143-149). Leuven, Sweden: International Society for Horticultural Science (ISHS).	T 001 (10)	11.1.	LAMMC (0,438)
75.	LAMMC (0,875)	5584951	Viršilė, A., Balaika, G., Samuolienė, G., Brazaitytė, A., Jankauskienė, J., & Miliauskienė, J. et al. (2022). The impacts of lighting parameters on the growth and antioxidant properties of Kalanchoe pinnata in controlled environment. In <i>Acta horticulturae: IX international symposium on light in horticulture, Malmö, Sweden / S. Khalil, M. Karlsson, M.T. Naznin, K.-J. Bergstrand, M.T. Naznin (eds.)</i> (p. 151-156). Malmö, Sweden: International society for horticultural science.	T 005 (10)	11.1.	LAMMC (0,35)
76.	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	T 005 (30)	11.2.	VU (4,485)

Eil. Nr.	Mokslo ir studijų 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 (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	T 005 (30)	11.2.	VU (3,978)
78.	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	T 005 (30)	11.2.	VU (1,04)
79.	VU (0,0417)	5585818	Jiang, Z., El-Brolosy, M., Serobyian, 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	T 005 (30)	11.2.	VU (0,425)
80.	LAMMC (0,5); VDU (0,5)	5585925	Janulevičius, A., & Damanauskas, V. (2022). Prediction of tractor drive tire slippage under different inflation pressures. <i>Journal of Terramechanics</i> , Vol. 101, p. 23-31. doi: 10.1016/j.jterra.2022.03.001	T 003 (50)	11.00	LAMMC (-); VDU (-)
81.	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	T 005 (30)	11.2.	VU (0,629)
82.	LAMMC (0,5); LEI (0,0833); VILNIUS TECH (0,0833)	5586050	Ayaz, M., Stulpinaitė, U., Feizienė, D., Tilvikienė, V., Akthar, K., & Baltrėnaitė-Gedienė, E. et al. (2022). Pig manure digestate- derived biochar for soil management and crop cultivation in heavy metals contaminated soil. <i>Soil use and management</i> , vol. 38(iss. 2), p. 1307-1321. doi: 10.1111/sum.12773	T 004 (30), T 006 (30)	11.2.	LAMMC (4,67); LEI (0,778); VILNIUS TECH (0,778)

Eil. Nr.	Mokslo ir studijų 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.	VU (0,037)	5586323	Klitting, R., Kafetzopoulou, L., Thiery, W., Dudas, G., Gryseels, S., & Kotamarthi, 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	T 005 (30)	11.2.	VU (0,901)
84.	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	T 005 (30)	11.2.	VU (0,956)
85.	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	T 005 (30)	11.2.	VU (5,903)
86.	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	T 005 (30)	11.2.	VU (2,664)
87.	VU (0,0471)	5586611	Li, G., Buric, F., Zrimec, J., Viknander, S., Nielsen, J., & Železnik, 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	T 005 (30)	11.2.	VU (0,363)
88.	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	T 005 (30)	11.2.	VU (1,83)

Eil. Nr.	Mokslo ir studijų 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
89.	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	T 005 (30)	11.2.	VU (3,404)
90.	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	T 005 (30)	11.2.	VU (3,482)
91.	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	T 005 (30)	11.2.	VU (2,482)
92.	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	T 005 (30)	11.2.	VU (0,338)
93.	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 sciences</i> , vol. 23(no. 12), p. [1-21]. doi: 10.3390/ijms23126803	T 005 (30)	11.2.	VU (0,878)

Eil. Nr.	Mokslo ir studijų 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
94.	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	T 005 (30)	11.2.	VU (1,392)
95.	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	T 005 (30)	11.2.	VU (0,643)
96.	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	T 005 (30)	11.2.	VU (0,485)
97.	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	T 005 (30)	11.2.	VU (0,625)
98.	FTMC (0,6667)	5588787	Abdelkader, M., Elmanzalawy, M., & Pauliukaitė, R. (2022). 3D electrodes for electrochemical sensors: review in different approaches. <i>IEEE sensors journal</i> , vol. 22(iss. 24), p. 23620- 23632. doi: 10.1109/JSEN.2022.3220815/mm1	T 008 (100)	11.2.	FTMC (9,852)
99.	FTMC (0,5)	5588863	Abedivaraki, M., & Kant, N. (2022). Magnetic field-assisted wakefield generation and electron acceleration and by Gaussian and super-Gaussian laser pulses in plasma. <i>Modern physics letters B</i> , vol. 36(no. 7), p. 1-15. doi: 10.1142/S0217984921506041	T 008 (100)	11.2.	FTMC (3,415)

Eil. Nr.	Mokslo ir studijų 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.	FTMC (1)	5588999	Anulytė, J., Bužavaitė-Vertelienė, E., Stankevičius, E., Vilkevičius, K., & Balevičius, Z. (2022). High spectral sensitivity of strongly coupled hybrid Tamm-plasmonic resonances for biosensing application. <i>Sensors</i> , vol. 22(iss. 23), p. 1-10. doi: 10.3390/s22239453	T 008 (100)	11.2.	FTMC (8,244)
101.	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	T 005 (30)	11.2.	VU (2,35)
102.	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	T 005 (30)	11.2.	VU (1,832)
103.	VU (0,8); FTMC (0,2)	5592693	Plikusienė, I., Mačiulis, V., Juciutė, 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	T 008 (30)	11.2.	VU (2,698); FTMC (0,674)
104.	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	T 005 (30)	11.2.	VU (2,97); FTMC (0,424)

Eil. Nr.	Mokslo ir studijų 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
105.	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	T 005 (30)	11.2.	VU (0,333)
106.	VU (0,1875)	5592773	Rutkauskaitė, J., Berger, S., Stavakis, 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	T 005 (30)	11.2.	VU (0,859)
107.	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	T 001 (10), T 008 (60)	11.2.	FTMC (6,169); VILNIUS TECH (0,561)
108.	LSMU (0,5455); FTMC (0,2727)	5593300	Balion, Z., Svirskienė, N., Svirskis, G., Inokaitis, H., Cèpla, 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	T 008 (50)	11.2.	LSMU (3,186); FTMC (1,593)
109.	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 NH3 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	T 004 (50)	11.2.	FTMC (1,791); VILNIUS TECH (0,716)

Eil. Nr.	Mokslo ir studijų 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
110.	FTMC (0,1)	5593346	Bartulevičius, T., Lipnickas, M., Petrauskiene, V., Madeikis, K., & Michailovas, A. (2022). 30 W-average-power femtosecond NIR laser operating in a flexible GHz-burst-regime. <i>Optics express</i> , vol. 30(iss. 20), p. 36849-36862. doi: 10.1364/OE.472907	T 008 (100)	11.2.	FTMC (1,328)
111.	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 TiO2 nanoparticle impact on surface morphology of Chinese hamster ovary cells. <i>Materials</i> , vol. 15(iss. 13), p. 1-13. doi: 10.3390/ma15134570	T 005 (40)	11.2.	KTU (0,596); VDU (0,596); VILNIUS TECH (0,596); FTMC (0,298); VU (0,298)
112.	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	T 008 (60)	11.2.	FTMC (4,78)
113.	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	T 005 (30)	11.2.	VU (3,298)
114.	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	T 005 (30)	11.2.	VU (3,269)

Eil. Nr.	Mokslo ir studijų 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
115.	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	T 005 (30)	11.2.	VU (0,919)
116.	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	T 005 (90)	11.2.	KTU (4,696); FTMC (0,671)
117.	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	T 008 (10)	11.2.	FTMC (0,473)
118.	KTU (0,8)	5593863	Razavizadeh, S., Alencikiene, G., Vaiciulyte-Funk, L., Ertbjerg, P., & Salaseviciene, A. (2022). Utilization of fermented and enzymatically hydrolyzed soy press cake as ingredient for meat analogues. <i>LWT - Food science and technology</i> , vol. 165, p. 1-11. doi: 10.1016/j.lwt.2022.113736	T 005 (100)	11.2.	KTU (11,228)
119.	KTU (1)	5593915	Riešutė, R., Šalomskienė, J., Šalaševičienė, A., & Mačionienė, I. (2022). Combined impacts of various plant derivative extracts and lactic acid bacteria on yeasts to develop a nutritional bar with antifungal properties. <i>Food bioscience</i> , vol. 47, p. 1-10. doi: 10.1016/j.fbio.2022.101718	T 005 (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, taškai ⁵
120.	KTU (1)	5593940	Riešutė, R., Šalomskienė, J., Šalaševičienė, A., & Mačionienė, I. (2022). Effect of anolyte on <i>S. Typhimurium</i> and <i>L. monocytogenes</i> growth in minced pork and beef cuts. <i>Foods</i> , vol. 11(iss. 3), p. 1-11. doi: 10.3390/foods11030415	T 005 (100)	11.2.	KTU (8,868)
121.	LSMU (0,3846); KTU (0,0769)	5593982	Vasiliauskaitė, A., Milerienė, J., Songisepp, E., Rud, I., Muizniece-Brasava, S., & Ciprovica, I. et al. (2022). Application of edible coating based on liquid acid whey protein concentrate with indigenous <i>Lactobacillus helveticus</i> for acid-curd cheese quality improvement. <i>Foods</i> , vol. 11(iss. 21), p. 1-12. doi: 10.3390/foods11213353	T 005 (20)	11.2.	LSMU (1,364); KTU (0,273)
122.	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	T 005 (30)	11.2.	VU (1,693)
123.	FTMC (0,3333)	5594215	Buchnev, O., Belosludtsev, A., & Fedotov, V. (2022). Observation of a high-energy Tamm plasmon state in the near-IR region. <i>ACS applied materials and interfaces</i> , vol. 14(iss. 11), p. 13638- 13644. doi: 10.1021/acsami.2c00486.s001	T 008 (100)	11.2.	FTMC (5,634)
124.	VU (1)	5594225	Sližienė, 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	T 005 (30)	11.2.	VU (1,747)
125.	FTMC (0,3333)	5594257	Buchnev, O., Belosludtsev, A., & Fedotov, V. (2022). Polarization discrimination and surface sensing with a near-IR nanostructured hybrid mirror. <i>Optics letters</i> , vol. 47(iss. 16), p. 4036-4039. doi: 10.1364/OL.464684	T 008 (100)	11.2.	FTMC (4,243)

Eil. Nr.	Mokslo ir studijų 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
126.	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	T 008 (30)	11.2.	FTMC (2,09); VILNIUS TECH (0,38); VU (0,19)
127.	FTMC (0,5)	5595203	Daraci, M., & Abedivaraki, M. (2022). Influence of non-uniform magnetic field on relativistic q-Gaussian laser pulses propagating in magnetized plasmas. <i>Contributions to plasma physics</i> , vol. 62 (iss. 8), p. 1-10. doi: 10.1002/ctpp.202200070	T 008 (100)	11.2.	FTMC (4,054)
128.	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	T 005 (30)	11.2.	VU (5,738)
129.	KTU (0,5)	5595339	Baskutis, S., Gružauskas, V., Leibl, P., & Obcarskas, L. (2022). Agent-based modelling approach for autonomous vehicle influence on countries' welfare. <i>Journal of cleaner production</i> , vol. 374, p. 1-11. doi: 10.1016/j.jclepro.2022.134008	T 003 (50), T 009 (50)	11.2.	KTU (9,336)
130.	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	T 005 (30)	11.2.	VU (5,738)
131.	KTU (0,6186)	5595458	Nasiri, S., Hosseinneshad, M., Rabiei, M., Palevicius, A., Rahimi, Z., & Janusas, G. et al. (2022). New approach of mechanochromic, thermally activated delayed fluorescence' dyes consisting of "thioxanthenone derivative as an acceptor unit and two carbazole derivatives as the donor units" used as emitting layer in organic light-emitting diodes. <i>Optical materials</i> , vol. 127, p. 1-14. doi: 10.1016/j.optmat.2022.112320	T 009 (100)	11.2.	KTU (9,852)

Eil. Nr.	Mokslo ir studijų 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.	KTU (1)	5595624	Ostaševičius, V. (2022). <i>Digital twins in manufacturing: virtual and physical twins for advanced manufacturing</i> . Cham: Springer.	T 009 (100)	11.1.	KTU (255,5)
133.	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	T 007 (20), T 009 (60)	11.2.	KTU (4,771)
134.	VDU (0,4286); KTU (0,2857); VILNIUS TECH (0,2857)	5595934	Vasiljev, P., Mažeika, D., Jurenas, V., Borodinas, S., Bareikis, R., & Ostasevicius, V. et al. (2022). <i>European Patent No. EP EP 3910401 B1</i> . Berlin: European Patent Office.	T 007 (30), T 009 (70)	11.4.	VDU (6,429); KTU (4,286); VILNIUS TECH (4,286)
135.	FTMC (1)	5596130	Dudutis, J., Mackevičiūtė, M., Pipiras, J., Stonys, R., Stankevič, V., & Račiukaitis, G. et al. (2022). Transversal and axial modulation of axicon-generated Bessel beams using amplitude and phase masks for glass processing applications. <i>Optics express</i> , vol. 30 (iss. 2), p. 1860-1874. doi: 10.1364/OE.447035	T 008 (100)	11.2.	FTMC (9,389)
136.	FTMC (1)	5596156	Dudutis, J., Zubauskas, L., Daknys, E., Markauskas, E., Gvozdaite, 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	T 008 (90)	11.2.	FTMC (8,45)
137.	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.	T 008 (60)	11.2.	FTMC (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, taškais ⁵
138.	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	T 008 (50)	11.2.	VU (2,459); FTMC (0,205)
139.	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	T 008 (80)	11.2.	FTMC (6,985)
140.	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	T 008 (40)	11.2.	KTU (1,495); FTMC (0,747)
141.	KTU (1)	5596466	Asfand, N., & Daukantiene, V. (2022). A study of the physical properties and bending stiffness of antistatic and antibacterial knitted fabrics. <i>Textile research journal</i> , vol. 92(iss. 7-8), p. 1321- 1332. doi: 10.1177/00405175211055070	T 008 (100)	11.2.	KTU (6,879)
142.	KTU (1)	5596487	Buzaitė, V., & Mikucionienė, D. (2022). Effect of inner layer structures of weft-knitted spacer fabrics on thermal insulation and air permeability. <i>Textile research journal</i> , vol. 92(iss. 15-16), p. 2862-2872. doi: 10.1177/00405175211021452	T 008 (100)	11.2.	KTU (6,879)
143.	KTU (0,75); LKA (0,25)	5596496	Dobržinskij, N., Fedaravicius, A., Pilkauskas, K., & Slizys, E. (2022). Impact of climatic conditions on the parameters of failure flow of military vehicles. <i>Proceedings of the Institution of mechanical engineers, Part D: Journal of automobile engineering</i> , Vol. 236(Iss. 4), pp. 753-762. doi: 10.1177/09544070211020228	T 003 (100)	11.2.	KTU (3,613); LKA (1,204)
144.	KTU (1)	5596517	Fedaravicius, A., Jasas, K., & Survila, A. (2022). <i>European Patent application EP EP 3948148 A1</i> .. European Patent Office.	T 003 (100)	11.3.	KTU (10)

Eil. Nr.	Mokslo ir studijų 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
145.	KTU (1)	5596527	Fedaravicius, A., & Survila, A. (2022). <i>European Patent application EP EP 3948149 A1</i> . European Patent Office.	T 003 (100)	11.3.	KTU (10)
146.	KTU (0,4)	5596545	Ghomashi, R., Rabiei, M., Ghomashi, S., Reza Massah, A., Kolahdoozan, M., & Hosseinneshad, M. et al. (2022). Synthesis and investigation of the theoretical and experimental optical properties of some novel azo pyrazole sulfonamide hybrids. <i>Materials letters</i> , vol. 317, p. 1-4. doi: 10.1016/j.matlet. 2022.132132	T 009 (100)	11.2.	KTU (4,456)
147.	KTU (0,5)	5596563	Goolak, S., Tkachenko, V., Sapronova, S., Lukoševičius, V., Keršys, R., & Makaras, R. et al. (2022). Synthesis of the current controller of the vector control system for asynchronous traction drive of electric locomotives. <i>Energies</i> , vol. 15(iss. 7), p. 1-19. doi: 10.3390/en15072374	T 003 (100)	11.2.	KTU (4,285)
148.	FTMC (0,0625)	5596578	Gollner, C., Jutas, R., Kreil, D., Dirin, D., Boehme, S., & Baltuška, A. et al. (2022). Ultrafast electro-absorption switching in colloidal CdSe/CdS core/shell quantum dots Driven by intense THz pulses. <i>Advanced optical materials</i> , vol. 10(iss. 9), p. 1-8. doi: 10.1002/adom.v10.9	T 008 (100)	11.2.	FTMC (1,932)
149.	KTU (1)	5596593	Guduru, R., Domeika, A., Dubosiene, M., & Kazlauskienė, K. (2022). Prediction framework for upper body sedentary working behaviour by using deep learning and machine learning techniques. <i>Soft computing</i> , vol. 26(iss. 23), p. 12969-1298415. doi: 10.1007/s00500-021-06156-8	T 009 (100)	11.2.	KTU (6,842)
150.	KTU (1)	5596704	Jankus, S., & Bendikiene, R. (2022). Effect of the meltdown on thermoplastic joint produced by quasi-simultaneous laser transmission welding. <i>CIRP journal of manufacturing science and technology</i> , vol. 39, p. 104-114. doi: 10.1016/j.cirpj.2022.08.001	T 009 (100)	11.2.	KTU (7,695)

Eil. Nr.	Mokslo ir studijų 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
151.	KTU (0,5)	5596714	Kibirkštis, E., Mayik, V., Zatserkovna, R., Vaitasius, K., Stepanenko, A., & Kandrotaitė-Janutienė, R. et al. (2022). Study of physical and mechanical properties of partially biodegradable LDPE polymeric films and their application for printing and packaging. <i>Polymer testing</i> , vol. 112, p. 1-8. doi: 10.1016/j. polymertesting.2022.107646	T 008 (100)	11.2.	KTU (10,03)
152.	KTU (1)	5596743	Kilikevičius, S., Liutkauskienė, K., Uldinskas, E., El Banna, R., & Fedaravičius, A. (2022). Omnidirectional manipulation of microparticles on a platform subjected to circular motion applying dynamic dry friction control. <i>Micromachines</i> , vol. 13(iss. 5), p. 1-18. doi: 10.3390/mi13050711	T 003 (100)	11.2.	KTU (6,387)
153.	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	T 001 (90)	11.2.	FTMC (2,759); VILNIUS TECH (1,837)
154.	KTU (0,5); FTMC (0,2)	5596769	Krauledaitė, J., Ancutienė, K., Krauledas, S., Urbelis, V., & Sacevičienė, V. (2022). Investigation of the influence of high molecular weight polyethylene and basalt content used in three- dimensional weft-knitted fabrics on the mechanical risks. <i>Textile research journal</i> , vol. 92(iss. 23-24), p. 4709-4721. doi: 10.1177 /00405175221109633	T 008 (100)	11.2.	KTU (5,957); FTMC (2,383)
155.	KTU (0,5); FTMC (0,2)	5596782	Krauledaitė, J., Ancutienė, K., Krauledas, S., Urbelis, V., & Sacevičienė, V. (2022). Research of 3D weft-knitted fabrics designed to protect against mechanical risks and suitable for contact with skin. <i>Journal of industrial textiles</i> , vol. 51(iss. 5), p. 7674-7693. doi: 10.1177/1528083720925831	T 008 (100)	11.2.	KTU (7,611); FTMC (3,044)

Eil. Nr.	Mokslo ir studijų 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
156.	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	T 001 (90)	11.2.	FTMC (1,69); VILNIUS TECH (1,126)
157.	KTU (1)	5596806	Maqsood, N., & Rimašauskas, M. (2022). Influence of printing process parameters and controlled cooling effect on the quality and mechanical properties of additively manufactured CCFRPC. <i>Composites communications</i> , vol. 35, p. 1-6. doi: 10.1016/j.coco. 2022.101338	T 009 (100)	11.2.	KTU (10,358)
158.	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	T 001 (90)	11.2.	FTMC (2,554); VILNIUS TECH (1,701)
159.	KTU (1)	5596838	Mikucioniene, D., & Muraliene, L. (2022). Influence of orthopedic support structure and construction on compression and behavior during stress relaxation. <i>Journal of industrial textiles</i> , vol. 51(iss. 3_suppl.), p. 5026S-5041S. doi: 10.1177/1528083720964695	T 008 (100)	11.2.	KTU (8,788)
160.	FTMC (0,125)	5596847	Grinevičiūtė, L., Moein, T., Han, M., Ng, S., Anand, V., & Katkus, T. et al. (2022). Optical anisotropy of glancing angle deposited thin films on nano-patterned substrates. <i>Optical materials express</i> , vol. 12(no. 3), p. 1281-1290. doi: 10.1364/OME.451669	T 008 (100)	11.2.	FTMC (1,739)
161.	KTU (0,5); LEI (0,3333)	5596866	Miliauskas, G., Puida, E., Poškas, R., Poškas, P., Balčius, A., & Jouhara, H. (2022). The modeling of transient phase changes of water droplets in flue gas flow in the range of temperatures characteristic of condensing economizer technologies. <i>Energy</i> , vol. 257, p. 1-12. doi: 10.1016/j.energy.2022.124719	T 006 (100)	11.2.	KTU (8,213); LEI (5,476)

Eil. Nr.	Mokslo ir studijų 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
162.	KTU (0,5714); LEI (0,2857)	5596921	Miliauskas, G., Puida, E., Poškas, R., Ragaišis, V., Paukštaitis, L., & Jouhara, H. et al. (2022). Experimental investigations of water droplet transient phase changes in flue gas flow in the range of temperatures characteristic of condensing economizer technologies. <i>Energy</i> , vol. 256, p. 1-16. doi: 10.1016/j.energy. 2022.124643	T 006 (100)	11.2.	KTU (9,387); LEI (4,693)
163.	KTU (0,8333); LEI (0,1667)	5596935	Miliauskas, G., Pabarčius, R., & Maziukienė, M. (2022). Uncertainty and sensitivity analysis of boundary conditions during water droplet phase change regimes. <i>International journal of thermal sciences</i> , vol. 171, p. 1-20. doi: 10.1016/j.ijthermalsci. 2021.107228	T 006 (100)	11.2.	KTU (7,753); LEI (1,551)
164.	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	T 005 (30)	11.2.	VU (1,931)
165.	FTMC (0,1154)	5596969	Hu, J., Han, M., Grinevičiūtė, L., Ng, S., Anand, V., & Katkus, T. et al. (2022). Anisotropic 3D columnar micro-film coating for applications in infrared and visible spectral ranges. <i>Applied surface science</i> , vol. 590, p. 1-9. doi: 10.1016/j.apsusc. 2022.152910	T 008 (100)	11.2.	FTMC (1,102)
166.	KTU (0,6)	5596997	Pinto, R., Monastyreckis, G., Aboelanin, H., Spacek, V., & Zeleniakienė, D. (2022). Mechanical properties of carbon fibre reinforced composites modified with star-shaped butyl methacrylate. <i>Journal of composite materials</i> , vol. 56(iss. 6), p. 951-959. doi: 10.1177/00219983211065206	T 009 (100)	11.2.	KTU (6,036)

Eil. Nr.	Mokslo ir studijų 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
167.	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	T 005 (30)	11.2.	VU (4,771)
168.	KTU (1)	5597039	Rimašauskas, M., Jasiūnienė, E., Kuncius, T., Rimašauskienė, R., & Cicėnas, V. (2022). Investigation of influence of printing parameters on the quality of 3D printed composite structures. <i>Composite structures</i> , vol. 281, p. 147-161. doi: 10.1016/j.compstruct.2021.115061	T 001 (20), T 009 (60), T 010 (20)	11.2.	KTU (11,634)
169.	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	T 005 (30)	11.2.	VU (1,276)
170.	FTMC (0,4); KTU (0,4)	5597080	Sederavičiūtė, F., Domskienė, J., Jurgelionytė, L., Sankauskaitė, A., & Kimmer, D. (2022). Effect of DMDHEU treatment on properties of bacterial cellulose material. <i>Textile research journal</i> , vol. 92(iss. 15-16), p. 2580-2590. doi: 10.1177/0040517521992357	T 008 (100)	11.2.	FTMC (3,891); KTU (3,891)
171.	FTMC (1)	5597092	Indrišiūnas, S., & Gedvilas, M. (2022). Control of the wetting properties of stainless steel by ultrashort laser texturing using multi-parallel beam processing. <i>Optics and laser technology</i> , vol. 153, p. 1-11. doi: 10.1016/j.optlastec.2022.108187	T 008 (100)	11.2.	FTMC (9,807)
172.	LEI (0,6); KTU (0,4)	5597112	Yousef, S., Eimontas, J., Stasiulaitiene, I., Zakarauskas, K., & Striūgas, N. (2022). Pyrolysis of all layers of surgical mask waste as a mixture and its life-cycle assessment. <i>Sustainable production and consumption</i> , vol. 32, p. 519-531. doi: 10.1016/j.spc.2022.05.011	T 004 (20), T 006 (60), T 009 (20)	11.2.	LEI (10,45); KTU (6,966)

Eil. Nr.	Mokslo ir studijų 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
173.	FTMC (1)	5597126	Indrišiūnas, S., Svirplys, E., & Gedvilas, M. (2022). Large-area fabrication of LIPSS for wetting control using multi-parallel femtosecond laser processing. <i>Materials</i> , vol. 15(iss. 16), p. 1-9. doi: 10.3390/ma15165534	T 008 (100)	11.2.	FTMC (5,963)
174.	LEI (0,75); KTU (0,25)	5597136	Yousef, S., Eimontas, J., Zakarauskas, K., & Striūgas, N. (2022). A new sustainable strategy for oil, CH ₄ and aluminum recovery from metallised food packaging plastics waste using catalytic pyrolysis over ZSM-5 zeolite catalyst. <i>Thermochimica Acta</i> , vol. 713, p. 1-10. doi: 10.1016/j.tca.2022.179223	T 006 (70), T 009 (30)	11.2.	LEI (4,622); KTU (1,54)
175.	LEI (0,6); KTU (0,2)	5597159	Yousef, S., Kiminaitė, I., Eimontas, J., Striūgas, N., & Abdelnaby, M. (2022). Recovery of phenol and acetic acid from glass fibre reinforced thermoplastic resin using catalytic pyrolysis process on ZSM-5 zeolite catalyst and its kinetic behaviour. <i>Thermochimica Acta</i> , vol. 715, p. 1-14. doi: 10.1016/j.tca. 2022.179293	T 006 (80), T 009 (20)	11.2.	LEI (5,229); KTU (1,743)
176.	LEI (0,4286); KTU (0,2857)	5597173	Yousef, S., Subadra, S., Tuckute, S., Baltusnikas, A., Lukosiute, S., & Arafa, E. et al. (2022). Finite element analysis of fibreglass and carbon fabrics reinforced polyethersulfone membranes. <i>Materials Today Communications</i> , vol. 31, p. 1-11. doi: 10.1016/j.mtcomm. 2022.103682	T 006 (70), T 009 (30)	11.2.	LEI (4,67); KTU (3,113)
177.	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	T 005 (30)	11.2.	VU (0,299)

Eil. Nr.	Mokslo ir studijų 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
178.	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	T 001 (90)	11.00	VILNIUS TECH (–); FTMC (–)
179.	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, first published online</i> , p. [1-15]. doi: 10.15252/embr.202255481	T 005 (30)	11.2.	VU (1,145)
180.	VU (0,0769)	5597397	Vázquez, C., Widderspick, 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	T 005 (30)	11.2.	VU (0,525)
181.	VU (0,0714)	5597503	Widderspick, 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	T 005 (30)	11.2.	VU (0,398)
182.	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	T 005 (30)	11.2.	VU (2,73)
183.	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	T 005 (30)	11.2.	VU (19,31)

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
184.	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	T 005 (30)	11.2.	VU (2,099)
185.	VU (1)	5598850	Dolgopolas, V., & Dagienė, V. (2021). Computational thinking: Enhancing STEAM and engineering education, from theory to practice. <i>Computer applications in engineering education: Special Issue: Computational thinking: Enhancing STEAM and engineering education, from theory to practice</i> , vol. 29(iss. 1), p. 5-11. doi: 10.1002/cae.22382	T 007 (50)	11.2.	VU (3,456)
186.	KTU (0,0417)	5600005	Berzins, K., Muiznieks, R., Baumanis, M., Strazdina, I., Shvirksts, K., & Prikule, S. et al. (2022). Kinetic and stoichiometric modeling-based analysis of do-cosahexaenoic acid (DHA) production potential by <i>C.cohnii</i> from glycerol, glucose and ethanol. <i>Marine drugs</i> , vol. 20(iss. 2), p. 1-18. doi: 10.3390/md20020115	T 007 (100)	11.2.	KTU (0,955)
187.	KTU (1)	5600035	Draudvilienė, L., & Meškuotienė, A. (2022). The methodology for the reliability evaluation of the signal processing methods used for the dispersion estimation of Lamb waves. <i>IEEE transactions on instrumentation and measurement</i> , vol. 71, p. 1-7. doi: 10.1109/TIM.2021.3127625	T 010 (100)	11.2.	KTU (11,03)
188.	KTU (1)	5600274	Samaitis, V., Mažeika, L., Jankauskas, A., Rekuviene, R., Laurs, V., & Bliūdžius, R. et al. (2022). Hybrid ultrasonic technique for non- invasive evaluation of argon gas content in insulated glass units. <i>Energy and buildings</i> , vol. 266, p. 1-9. doi: 10.1016/j.enbuild.2022.112123	T 002 (40), T 010 (60)	11.2.	KTU (10,267)

Eil. Nr.	Mokslo ir studijų 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
189.	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	T 008 (10)	11.2.	FTMC (0,986)
190.	KTU (0,4); VU (0,2)	5600350	Auškalnis, L., Akulauskas, M., Jegelevičius, D., Simonaitis, T., & Rutkūnas, V. (2022). Error propagation from intraoral scanning to additive manufacturing of complete-arch dentate models: an in vitro study. <i>Journal of dentistry</i> , vol. 121, p. 1-11. doi: 10.1016/j.jdent.2022.104136	T 001 (70)	11.2.	KTU (4,603); VU (2,302)
191.	LSMU (0,5714); KTU (0,4286)	5600370	Butkuvienė, M., Tamulevičiūtė-Prascienė, E., Beigienė, A., Barasaitė, V., Sokas, D., & Kubilius, R. et al. (2022). Wearable- based assessment of frailty trajectories during cardiac rehabilitation after open-heart surgery. <i>IEEE journal of biomedical and health informatics</i> , vol. 26(iss. 9), p. 4426-4435. doi: 10.1109/JBHI.2022.3181738	T 010 (40)	11.2.	LSMU (3,044); KTU (2,283)
192.	KTU (0,1667)	5600387	Charlton, P., Kyriacou, P., Mant, J., Marozas, V., Chowienczyk, P., & Alastruey, J. (2022). Wearable photoplethysmography for cardiovascular monitoring. <i>Proceedings of the IEEE</i> , vol. 110(iss. 3), p. 355-381. doi: 10.1109/JPROC.2022.3149785	T 001 (50)	11.2.	KTU (5,795)
193.	KTU (0,75)	5600404	Sološenko, A., Paliakaitė, B., Marozas, V., & Sörnmo, L. (2022). Training convolutional neural networks on simulated photoplethysmography data: application to bradycardia and tachycardia detection. <i>Frontiers in physiology</i> , vol. 13, p. 1662- 1670. doi: 10.3389/fphys.2022.928098	T 001 (50), T 010 (50)	11.2.	KTU (10,148)
194.	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	T 008 (90)	11.2.	FTMC (5,366)

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
195.	FTMC (1)	5600544	Petrulėnas, A., Mackonis, P., & Rodin, A. (2022). Synthesis of adjacent stokes spectra in a two-stage transient stimulated Raman chirped-pulse amplifier. <i>Crystals</i> , vol. 12(iss. 7), p. 1-8. doi: 10.3390/cryst12070888	T 008 (100)	11.2.	FTMC (5,367)
196.	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	T 008 (20)	11.2.	FTMC (1,404); VILNIUS TECH (0,14); VU (0,14)
197.	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	T 008 (30)	11.2.	VU (2,28); FTMC (0,38)
198.	FTMC (1)	5600742	Žutautas, V., Jelinskas, T., & Pauliukaitė, R. (2022). A novel sensor for electrochemical pH monitoring based on polyfolate. <i>Journal of electroanalytical chemistry</i> , vol. 921, p. 1-9. doi: 10.1016/j.jelechem.2022.116668	T 008 (100)	11.2.	FTMC (8,423)
199.	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	T 001 (30)	11.2.	FTMC (2,385); VILNIUS TECH (0,318); VU (0,159)

Eil. Nr.	Mokslo ir studijų 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
200.	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	T 001 (30)	11.2.	FTMC (1,027); VU (0,342); VILNIUS TECH (0,171)
201.	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	T 008 (10)	11.2.	FTMC (0,379); LEI (0,034); VU (0,034)
202.	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	T 005 (10), T 008 (80)	11.2.	VILNIUS TECH (5,565); FTMC (1,236); VU (0,619)
203.	FTMC (0,9); VILNIUS TECH (0,1)	5600859	Želudevičius, J., Dubosas, G., Švedas, V., Milaševičius, M., & Regelskis, K. (2022). Detection of the angle-of-arrival of an optical beam by means of interference optical filters for free- space optical communication. <i>Applied optics</i> , vol. 61(iss. 24), p. 7000-7009. doi: 10.1364/AO.464023	T 008 (80), T 009 (20)	11.2.	FTMC (5,125); VILNIUS TECH (0,57)
204.	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	T 008 (10)	11.2.	FTMC (0,554); VU (0,043)

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, taškais ⁵
205.	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/ftce-2022-0039	T 008 (80)	11.2.	VILNIUS TECH (2,502); FTMC (0,625)
206.	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	T 005 (80)	11.2.	KTU (8,277); FTMC (2,759)
207.	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	T 001 (20), T 009 (20)	11.2.	FTMC (1,67); VILNIUS TECH (0,716)
208.	FTMC (0,8571)	5601269	Stygienė, L., Varnaitė-Žuravlio, S., Abraitienė, A., Sankauskaitė, A., Skurkytė-Papievienė, V., & Krauledas, S. et al. (2022). Development, investigation and evaluation of smart multifunctional socks. <i>Journal of industrial textiles</i> , vol. 51(iss. 2), p. 2330-2353. doi: 10.1177/1528083720970166	T 008 (100)	11.2.	FTMC (10,653)
209.	FTMC (1)	5601284	Stygienė, L., Krauledas, S., Abraitienė, A., Varnaitė-Žuravlio, S., & Dubinskaitė, K. (2022). Thermal comfort and electrostatic properties of socks containing fibers with bio-ceramic, silver and carbon additives. <i>Materials</i> , vol. 15(iss. 8), p. 1-19. doi: 10.3390/ma15082908	T 008 (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
210.	FTMC (1)	5601297	Stygienė, L., Krauledas, S., Abraitienė, A., Varnaitė-Žuravlio, S., & Dubinskaitė, K. (2022). Flammability and thermoregulation properties of knitted fabrics as a potential candidate for protective undergarments. <i>Materials</i> , vol. 15(iss. 7), p. 1-22. doi: 10.3390/ma15072647	T 008 (100)	11.2.	FTMC (5,963)
211.	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	T 001 (30)	11.2.	FTMC (1,849); VILNIUS TECH (0,264)
212.	VU (1)	5603185	Žiaunys, M., Sakalauskas, A., Mikalauskaitė, K., & Smirnovas, V. (2022). Rapid restructurization of conformationally-distinct alpha- synuclein amyloid fibrils at an elevated temperature. <i>PeerJ</i> , vol. 10, p. [1-16]. doi: 10.7717/peerj.14137	T 005 (30)	11.2.	VU (1,388)
213.	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	T 005 (30)	11.2.	VU (3,269)
214.	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	T 005 (30)	11.2.	VU (0,342)
215.	VU (1)	5603252	Karvelis, T., & Šikšnys, V. (2022). Molecular mechanisms of type II CRISPR-Cas systems. In <i>Crispr: biology and applications</i> / Rodolphe Barrangou, Erik J. Sontheimer, Luciano A. Marraffini (eds.) (p. 53-69). New York: Wiley.	T 005 (30)	11.1.	VU (3,6)

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
216.	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.	T 005 (40)	11.1.	VU (8)
217.	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.	T 005 (30)	11.1.	VU (5,55)
218.	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	T 008 (30)	11.2.	VU (0,671); FTMC (0,447); KTU (0,447); VILNIUS TECH (0,224)
219.	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	T 001 (30)	11.2.	FTMC (2,274); VILNIUS TECH (0,7); VU (0,175)
220.	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	T 008 (50)	11.2.	VU (1,61); FTMC (1,073)

Eil. Nr.	Mokslo ir studijų 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
221.	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	T 005 (40), T 009 (50)	11.2.	FTMC (2,947); VILNIUS TECH (2,947); VU (1,964)
222.	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	T 001 (50)	11.2.	VILNIUS TECH (2,044); FTMC (0,681); VU (0,273)
223.	KU (0,6667)	5603891	Rapalis, P., Šilas, G., & Žaglinskis, J. (2022). Ship air pollution estimation by AIS data: case port of Klaipėda. <i>Journal of marine science and engineering</i> , vol. 10(iss. 12), p. 1-12. doi: 10.3390/jmse10121950	T 003 (100)	11.2.	KU (5,477)
224.	KU (1)	5603911	Uebe, J., Žukauskaitė, A., Kryževičius, Ž., & Vanagienė, G. (2022). Use of 2-ethylhexyl nitrate for the slow pyrolysis of plastic waste. <i>Processes</i> , vol. 10(iss. 7), p. 1-13. doi: 10.3390/pr10071418	T 005 (100)	11.2.	KU (5,603)
225.	KU (0,7143); VILNIUS TECH (0,2857)	5604010	Janutėnienė, J., Bogdevičius, M., Jankūnas, V., Janutėnaitė- Bogdanienė, J., Andziulis, A., & Kurmis, M. et al. (2022). Investigation of dynamics and power needs for container unloading from ship process. <i>Eksplotacja i niezawodność = Maintenance and reliability</i> , vol. 24(no. 1), p. 89-99. doi: 10.17531/ein.2022.1.11	T 007 (10), T 009 (90)	11.2.	KU (4,718); VILNIUS TECH (1,887)
226.	KU (0,7143)	5604056	Jakovlev, S., Eglynas, T., Voznak, M., Jusis, M., Partila, P., & Tovarek, J. et al. (2022). Detection of physical impacts of shipping containers during handling operations using the impact detection methodology. <i>Journal of marine science and engineering</i> , vol. 10(iss. 9), p. 1-16. doi: 10.3390/jmse10091250	T 007 (100)	11.2.	KU (8,299)

Eil. Nr.	Mokslo ir studijų 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
227.	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	T 008 (50)	11.2.	FTMC (2,359); VU (2,359); VILNIUS TECH (0,694)
228.	KU (0,7143)	5604153	Jakovlev, S., Eglynas, T., Voznak, M., Jusis, M., Partila, P., & Tovarek, J. et al. (2022). Detecting shipping container impacts with vertical cell guides inside container ships during handling operations. <i>Sensors</i> , vol. 22(iss. 7), p. 1-26. doi: 10.3390/s22072752	T 007 (100)	11.2.	KU (8,328)
229.	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	T 008 (50)	11.2.	FTMC (3,034); VILNIUS TECH (0,202)
230.	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	T 008 (10)	11.2.	VU (0,796); FTMC (0,199)
231.	VILNIUS TECH (0,9167); FTMC (0,0833)	5605475	Morkvėnaitė-Vilkončienė, I., Bučinskas, V., Subačiūtė-Žemaitienė, J., Šutinys, 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	T 009 (90)	11.2.	VILNIUS TECH (5,269); FTMC (0,479)

Eil. Nr.	Mokslo ir studijų 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
232.	FTMC (0,4)	5605545	Myronyuk, O., Baklan, D., Vasilyev, G., Rodin, A., & Vanagas, E. (2022). Wetting patterns of liquid-repellent femtosecond laser textured aluminum surfaces. <i>Coatings</i> , vol. 12(iss. 12), p. 1-11. doi: 10.3390/coatings12121852	T 001 (50), T 008 (50)	11.2.	FTMC (3,436)
233.	FTMC (0,25)	5605577	Myronyuk, O., Baklan, D., Yong, Z., & Rodin, A. (2022). Complex destruction of textured water-repellent coatings under the influence of UV and water flow. <i>Materials today communications</i> , vol. 33, p. 1-7. doi: 10.1016/j.mtcomm.2022.104509	T 001 (50), T 008 (50)	11.2.	FTMC (2,224)
234.	FTMC (1)	5605758	Markauskas, E., Zubauskas, L., Voisiat, B., & Gečys, P. (2022). Efficient water-assisted glass cutting with 355 nm picosecond laser pulses. <i>Micromachines</i> , vol. 13(iss. 5), p. 1-22. doi: 10.3390/mi13050785	T 008 (100)	11.2.	FTMC (6,387)
235.	FTMC (0,0714); VU (0,0714)	5606149	Liang, R., Bu, D., Su, X., Wei, X., Orentas, E., & Rebek, J. et al. (2022). Organic pollutants in water-soluble cavitands and capsules: contortions of molecules in nanospace. <i>Organic chemistry frontiers</i> , vol. 9(iss. 7), p. 1890-1896. doi: 10.1039/D2QO00139J	T 008 (100)	11.2.	FTMC (1,447); VU (1,447)
236.	FTMC (0,375)	5606621	Khairullina, E., Ratautas, K., Panov, M., Andriianov, V., Mickus, Š., & Manshina, A. et al. (2022). Laser-assisted surface activation for fabrication of flexible non-enzymatic Cu-based sensors. <i>Microchimica acta</i> , vol. 189(iss. 7), p. 1-28. doi: 10.1007/s00604-022-05347-w	T 008 (100)	11.2.	FTMC (5,763)
237.	VILNIUS TECH (0,75); KU (0,25)	5608103	Plikynas, D., Indriulionis, A., Laukaitis, A., & Sakalauskas, L. (2022). Indoor-guided navigation for people who are blind: crowdsourcing for route mapping and assistance. <i>Applied sciences: Special Issue New Trends in Smart Wearable and Interactive Mechatronic Systems</i> , vol. 12(iss. 1), p. 1-28. doi: 10.3390/app12010523	T 007 (50)	11.2.	VILNIUS TECH (1,992); KU (0,664)

Eil. Nr.	Mokslo ir studijų 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
238.	VU (1)	5612105	Daranda, A., & Dzemyda, G. (2023). Reinforcement learning strategies for vessel navigation. <i>Integrated computer-aided engineering</i> , vol. 30(no. 1), p. 53-66. doi: 10.3233/ICA-220688	T 007 (100)	11.2.	VU (10,808)
239.	VU (0,5)	5612194	Filatovas, E., Marcozzi, M., Mostarda, L., & Paulavičius, R. (2022). A MCDM-based framework for blockchain consensus protocol selection. <i>Expert systems with applications</i> , vol. 204, p. [1-18]. doi: 10.1016/j.eswa.2022.117609	T 007 (100)	11.2.	VU (9,897)
240.	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	T 002 (20)	11.2.	GTC (0,452); KU (0,226)
241.	KU (1)	5618440	Paulauskienė, T., Teresiūtė, A., Uebe, J., & Tadžijevs, A. (2022). Sustainable cross-linkers for the synthesis of cellulose-based aerogels: research and application. <i>Journal of marine science and engineering</i> , vol. 10(iss. 4), p. 1-14. doi: 10.3390/jmse10040491	T 005 (80), T 009 (20)	11.2.	KU (8,215)
242.	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	T 005 (70)	11.2.	KU (5,751)
243.	LSMU (0,65); VDU (0,1); KTU (0,05)	5621176	Bartkiene, E., Starkute, V., Zokaityte, E., Klupsaite, D., Bartkevics, V., & Zokaityte, G. et al. (2022). Combined thermomechanical–biological treatment for corn by-product valorization into added-value food (feed) material. <i>Plants</i> , vol. 11 (iss. 22), p. 1-18. doi: 10.3390/plants11223080	T 005 (10)	11.2.	LSMU (1,05); VDU (0,162); KTU (0,081)

Eil. Nr.	Mokslo ir studijų 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
244.	KTU (0,6667); GTC (0,3333)	5621197	Mačionienė, I., Čepukoit, D., Šalomskienė, 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	T 005 (50)	11.2.	KTU (2,794); GTC (1,397)
245.	KTU (1)	5621265	Barauskas, D., Pelenis, D., Dzikaras, M., Mikolajunas, M., Vanagas, G., & Virzonis, D. (2022). Inkjet-printed functionalization of CMUT-based CO2 sensors. <i>Sensors</i> , vol. 22 (iss. 6), p. 1-12. doi: 10.3390/s22062288	T 001 (100)	11.2.	KTU (8,244)
246.	KTU (1)	5621278	Ivanauskas, R., Kunciuė, 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	T 008 (20)	11.2.	KTU (1,797)
247.	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	T 008 (30)	11.2.	VU (1,234)
248.	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	T 008 (30)	11.2.	VU (2,7)
249.	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	T 008 (40)	11.2.	VU (2,57)

Eil. Nr.	Mokslo ir studijų 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
250.	KU (0,4); VILNIUS TECH (0,4)	5632893	Semaškaitė, V., Bogdevičius, M., Paulauskienė, T., Uebe, J., & Filina-Dawidowicz, L. (2022). Improvement of regasification process efficiency for floating storage regasification unit. <i>Journal of marine science and engineering</i> , vol. 10(iss. 7), p. 1-16. doi: 10.3390/jmse10070897	T 003 (60), T 005 (40)	11.2.	KU (4,647); VILNIUS TECH (4,647)
251.	KTU (0,7143); KU (0,1429); LEI (0,1429)	5632978	Abromaitis, V., Svaikauskaitė, 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	T 004 (60), T 006 (20)	11.2.	KTU (6,497); KU (1,3); LEI (1,3)
252.	VILNIUS TECH (0,3846); VU (0,3077); KU (0,0769); VUL SK (0,0385)	5634346	Buckus, R., Chlebnikovas, A., Strukčinskienė, B., Stukas, R., Austys, D., & Caban, J. et al. (2022). Simulating the dispersion of the energy flux density of the electromagnetic field generated by antennas for mobile communications. <i>Electronics</i> , vol. 11(iss. 15), p. 1-16. doi: 10.3390/electronics11152431	T 004 (40), T 009 (40)	11.2.	VILNIUS TECH (2,774); VU (2,22); KU (0,554); VUL SK (0,278)
253.	VU (0,2)	5638546	Riillo, C., Allamano-Kessler, R., Asnafi, N., Fomin, V., & van de Kaa, G. (2022). Technological uncertainty and standardization strategies: a coopetition framework. <i>IEEE Transactions on engineering management, first on line</i> , p. [1-14]. doi: 10.1109/TEM.2022.3145240	T 007 (50)	11.2.	VU (1,922)
254.	KTU (0,4286); KU (0,1429)	5639177	Bradauskiene, V., Vaiciulyte-Funk, L., Cernauskas, D., Dzingeleveciene, R., Lima, J., & Bradauskaite, A. et al. (2022). The efficacy of plant enzymes bromelain and papain as a tool for reducing gluten immunogenicity from wheat bran. <i>Processes</i> , vol. 10(iss. 10), p. 1-14. doi: 10.3390/pr10101948	T 005 (80)	11.2.	KTU (4,296); KU (1,432)

Eil. Nr.	Mokslo ir studijų 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
255.	KU (0,875)	5640498	Paulauskas, V., Henesey, L., Plačienė, B., Jonkus, M., Paulauskas, D., & Barzdžiukas, R. et al. (2022). Optimizing Transportation between Sea Ports and Regions by Road Transport and Rail and Inland Waterway Transport Means Including “Last Mile” Solutions. <i>Applied sciences</i> , Vol. 12, Iss. 20, Art. No. 10652, p. 1-20. doi: 10.3390/app122010652	T 003 (90), T 009 (10)	11.2.	KU (4,648)
256.	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	T 006 (90)	11.2.	VDU (3,339); LEI (1,113)
257.	KU (0,04)	5643153	Vincevica-Gaile, Z., Sachpazidou, V., Bisters, V., Klavins, M., Anne, O., & Grinfelde, I. et al. (2022). Applying Macroalgal Biomass as an Energy Source: Utility of the Baltic Sea Beach Wrack for Thermochemical Conversion. <i>Sustainability</i> , Vol. 14, Iss. 21, Art. No. 13712, p. 1-18. doi: 10.3390/su142113712	T 004 (100)	11.2.	KU (0,688)
258.	KU (0,6667)	5644053	Paulauskas, V., Filina-Dawidowicz, L., & Paulauskas, D. (2022). Navigation of Ships in Channel Bends under Special Conditions Using Sensors Systems. <i>Sensors</i> , Vol. 22, Iss. 22, Art. No. 8783, p. 1-22. doi: 10.3390/s22228783	T 003 (100)	11.2.	KU (5,496)
259.	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	T 006 (70)	11.2.	LEI (3,265); VDU (0,816)
260.	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	T 007 (50)	11.2.	VU (2,959)

Eil. Nr.	Mokslo ir studijų 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
261.	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	T 007 (50)	11.2.	VU (7,462)
262.	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	T 005 (30)	11.2.	VU (22,425)
263.	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	T 007 (30)	11.2.	VILNIUS TECH (1,169); VU (1,169); KTU (0,585)
264.	VILNIUS TECH (0,6); KU (0,4)	5652734	Bogdevičius, M., Semaškaitė, V., Paulauskienė, T., Uebe, J., & Danilevičius, A. (2022). Modelling and Simulation Hydrodynamics Processes in Liquefied Natural Gas Transportation Systems. <i>Journal of marine science and engineering</i> , Vol. 10, Iss. 12, Art. No. 1960, p. 1-25. doi: 10.3390/jmse10121960	T 005 (100)	11.2.	VILNIUS TECH (4,929); KU (3,286)
265.	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	T 006 (40)	11.2.	LEI (1,51); VDU (1,258)
266.	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	T 004 (20), T 005 (70)	11.2.	KTU (5,206); VDU (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, taškais ⁵
267.	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	T 001 (30)	11.2.	VDU (1,935); KTU (0,645)
268.	LEI (0,6667); VDU (0,3333)	5655802	Urbanavičius, 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	T 004 (70)	11.2.	LEI (2,783); VDU (1,391)
269.	KTU (0,5); VDU (0,5)	5659100	Senait, G., Kapočiūtė-Dzikienė, 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	T 007 (50)	11.2.	KTU (1,328); VDU (1,328)
270.	VDU (0,6); KTU (0,4)	5659226	Stankevičius, L., Lukoševičius, M., Kapočiūtė-Dzikienė, 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	T 007 (40)	11.2.	VDU (1,275); KTU (0,85)
271.	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.	T 003 (30)	11.1.	VILNIUS TECH (70,2); VU (23,4)
272.	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	T 007 (50)	11.2.	VU (2,2)

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, taškais ⁵
273.	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 Sabereebi Cave Monastery, Georgia. <i>Rock mechanics and rock engineering</i> , vol. 55(iss. 8), p. 5139-5162. doi: 10.1007/s00603-022-02858-z	T 002 (30)	11.2.	VU (0,491)
274.	VU (1)	5659947	Dzemyda, G., Sabaliauskas, M., & Medvedev, V. (2022). Geometric MDS performance for large data dimensionality reduction and visualization. <i>Informatica</i> , vol. 33(no. 2), p. 299- 320. doi: 10.15388/22-INFOR491	T 007 (50)	11.2.	VU (5,029)
275.	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	T 007 (50)	11.2.	VU (1,443)
276.	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	T 007 (50)	11.2.	VILNIUS TECH (2,515); VU (2,515)
277.	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	T 007 (50)	11.2.	VU (5,121)
278.	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	T 007 (50)	11.2.	VU (2,371)

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
279.	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	T 009 (70)	11.2.	VU (2,295); VILNIUS TECH (1,53)
280.	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.	T 007 (30)	11.1.	VU (3,924)
281.	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 Kriksciuniene, Virgilijus Sakalauskas</i> (p. 167-183). Cham: Springer.	T 007 (30)	11.1.	VU (3,6)
282.	VU (1)	5661053	Dagienė, V., & Dolgopolas, V. (2022). Short tasks for scaffolding computational thinking by the global Bebras challenge. <i>Mathematics</i> , vol. 10(iss. 17), p. [1-30]. doi: 10.3390 /math10173194	T 007 (100)	11.2.	VU (14,923)
283.	KTU (0,4); VU (0,4); VILNIUS TECH (0,2)	5661128	Dagienė, V., Jasutė, E., Navickienė, V., Butkienė, R., & Gudonienė, D. (2022). Opportunities, quality factors, and required changes during the pandemic based on higher education leaders' perspective. <i>Sustainability</i> , vol. 14(iss. 3), p. 1-18. doi: 10.3390/su14031933	T 007 (60)	11.2.	KTU (1,56); VU (1,56); VILNIUS TECH (0,78)

Eil. Nr.	Mokslo ir studijų 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
284.	VU (1)	5661179	Dolgopolovas, V., & Dagienė, V. (2022). On semiotics perspectives of computational thinking: unravelling the “pamphlet” approach, a case study. <i>Sustainability</i> , vol. 14(no. 4), p. [1-19]. doi: 10.3390/su14041956	T 007 (100)	11.2.	VU (6,498)
285.	VU (0,6667); VILNIUS TECH (0,1667)	5661305	Dzemydienė, D., Dzemydaitė, G., & Gopisetti, D. (2022). Application of multicriteria decision aid for evaluation of ICT usage in business. <i>Central European journal of operations research</i> , vol. 30, p. 323-343. doi: 10.1007/s10100-020-00691-9	T 007 (40)	11.2.	VU (1,634); VILNIUS TECH (0,409)
286.	VU (1)	5661585	Gudas, S., & Noreika, K. (2022). Causal interactions in agile application development. <i>Mathematics</i> , vol. 10(no. 9), p. [1-22]. doi: 10.3390/math10091497	T 007 (100)	11.2.	VU (14,923)
287.	VILNIUS TECH (0,3333); VU (0,3333)	5661668	Medeišis, A., Fomin, V., & Webb, W. (2022). Untangling the paradox of Licensed Shared Access: need for regulatory refocus. <i>Telecommunications policy</i> , vol. 40(no. 8), p. [1-17]. doi: 10.1016/j.telpol.2022.102380	T 007 (50)	11.2.	VILNIUS TECH (2,756); VU (2,756)
288.	VILNIUS TECH (0,8); VU (0,2)	5662349	Motuzienė, V., Bielskus, J., Lapinskienė, V., Rynkun, G., & Bernatavičienė, J. (2022). Office buildings occupancy analysis and prediction associated with the impact of the COVID-19 pandemic. <i>Sustainable cities and society</i> , vol. 77, p. 1-12. doi: 10.1016/j.scs.2021.103557	T 002 (30), T 006 (40), T 007 (30)	11.2.	VILNIUS TECH (11,276); VU (2,82)
289.	VU (0,25)	5662365	Orts, F., Ortega, G., Filatovas, E., & Martín Garzón, E. (2022). Implementation of three efficient 4-digit fault-tolerant quantum carry lookahead adders. <i>Journal of supercomputing</i> , first on line, p. [1-19]. doi: 10.1007/s11227-022-04401-x	T 007 (100)	11.2.	VU (2,549)

Eil. Nr.	Mokslo ir studijų 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
290.	KTU (0,5); VU (0,1667)	5662401	Rudžionis, V., Lopata, A., Gudas, S., Butleris, R., Veitaitė, I., & Dilijonas, D. et al. (2022). Identifying irregular financial operations using accountant comments and natural language processing techniques. <i>Applied sciences</i> , vol. 12(iss. 17), p. 1-15. doi: 10.3390/app12178558	T 007 (70)	11.2.	KTU (3,22); VU (1,073)
291.	VU (1)	5662443	Šikšnelytė-Butkienė, I., & Štreimikienė, D. (2022). Sustainable development of road transport in the EU: multi-criteria analysis of countries' achievements. <i>Energies</i> , vol. 15(iss. 21), p. [1-25]. doi: 10.3390/en15218291	T 007 (50)	11.2.	VU (2,474)
292.	VU (1)	5662510	Stupurienė, G., Jevsikova, T., & Juškevičienė, A. (2022). Solving ecological problems through physical computing to ensure gender balance in STEM education. <i>Sustainability</i> , vol. 14(iss. 9), p. [1-16]. doi: 10.3390/su14094924	T 007 (50)	11.2.	VU (3,249)
293.	KTU (0,5); VU (0,5)	5662531	Veitaite, I., & Lopata, A. (2022). Knowledge-based UML dynamic models generation from enterprise model in hospital information management process example. In <i>Intelligent systems for sustainable person-centered healthcare: [collective monograph] / Dalia Kriksciuniene, Virgilijus Sakalauskas (eds.)</i> (ch. 12, p. 225- 250). Cham: Springer.	T 007 (100)	11.1.	KTU (9,25); VU (9,25)
294.	VU (1)	5662560	Romeika, G., & Griesienė, I. (2022). Personal brand management using conceptual assessment model. In <i>Innovations and social media analytics in a digital society / editors: Maria José Sousa, Célio Gonçalo Marques</i> (p. 132-152). Boca Raton; London; New York: Taylor & Francis Group, LLC.	T 007 (50)	11.1.	VU (7,5)
295.	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	T 005 (70)	11.2.	KTU (5,926); VDU (2,963)

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, taškais ⁵
296.	VDU (0,5)	5665917	Abalikštienė, E., & Perkumienė, D. (2022). Challenges and problems of agricultural land use changes in Lithuania according to territorial planning documents: case of Vilnius district municipality. <i>Land use policy</i> , (117), 1-12. doi: 10.1016/j.landusepol.2022.106125	T 004 (50)	11.2.	VDU (2,936)
297.	VDU (0,0556)	5666002	Alsaqoor, S., Alahmer, A., Andruszkiewicz, A., Piechota, P., Synowiec, P., & Beithu, N. et al. (2022). Ultrasonic technique for measuring the mean flow velocity behind a throttle: a metrological analysis. <i>Thermal science and engineering progress</i> , (34), 1-9. doi: 10.1016/j.tsep.2022.101402	T 004 (50), T 009 (50)	11.2.	VDU (1,214)
298.	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	T 005 (60)	11.2.	KTU (2,3); VDU (1,15); LSMU (0,575)
299.	VDU (0,1111)	5670784	Auzins, A., Brokking, P., Jürgenson, E., Lakovskis, P., Paulsson, J., & Romanovs, A. et al. (2022). Land resource management policy in selected European countries. <i>Land</i> , 11(12), 1-32. doi: 10.3390/land11122280	T 004 (100)	11.2.	VDU (2,001)
300.	VDU (1)	5671099	Bhandari, S., & Jotautienė, E. (2022). Vibration analysis of a roller bearing condition used in a tangential threshing drum of a combine harvester for the smooth and continuous performance of agricultural crop harvesting. <i>Agriculture</i> , 12(11), 1-20. doi: 10.3390/agriculture12111969	T 004 (30), T 009 (70)	11.2.	VDU (9,412)

Eil. Nr.	Mokslo ir studijų 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
301.	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	T 010 (30)	11.2.	VU (0,783)
302.	VDU (1)	5671306	Bleizgys, R., Naujokienė, V., & Čėsna, J. (2022). Humidification–cooling system in semi-insulated box-type cowsheds prevent the loss of milk productivity due to thermal stress. <i>Agronomy</i> , 12(5), 1-16. doi: 10.3390/agronomy12051131	T 004 (100)	11.2.	VDU (8,457)
303.	VDU (1)	5671505	Bručienė, I., Buragienė, S., & Šarauskis, E. (2022). Weeding effectiveness and changes in soil physical properties using inter- row hoeing and a robot. <i>Agronomy</i> , 12(7), 1-15. doi: 10.3390/agronomy12071514	T 004 (50), T 009 (50)	11.2.	VDU (8,458)
304.	VDU (0,5833); LEI (0,4167)	5672080	Buivydas, E., Navickas, K., Venslauskas, K., Bronius, Ž., Župerka, V., & Rubežius, M. (2022). Biogas production enhancement through chicken manure co-digestion with pig fat. <i>Applied Sciences</i> , 12(9), 1-17. doi: 10.3390/app12094652	T 004 (30), T 006 (70)	11.2.	VDU (3,098); LEI (2,213)
305.	LEI (0,1304); VDU (0,0435)	5672816	Gardumi, F., Keppo, I., Howells, M., Pye, S., Avgerinopoulos, G., & Lekavičius, V. et al. (2022). Carrying out a multi-model integrated assessment of European energy transition pathways: Challenges and benefits. <i>Energy</i> , (258), 1-13. doi: 10.1016/j.energy.2022.124329	T 006 (50)	11.2.	LEI (2,731); VDU (0,91)
306.	LEI (0,6); VDU (0,4)	5672899	Eimontas, J., Striūgas, N., Zakarauskas, K., Navickas, K., & Venslauskas, K. (2022). Synergetic approach for energy recovery from coastal wastes based on combination of biological and thermal treatment. <i>Environmental technology</i> , 43(18), 2755-2770. doi: 10.1080/09593330.2021.1901148	T 004 (30), T 006 (70)	11.2.	LEI (3,009); VDU (2,006)

Eil. Nr.	Mokslo ir studijų 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
307.	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	T 004 (50)	11.2.	VDU (2,474)
308.	VDU (1)	5673195	Gaidė, I., Makarevičienė, V., & Sendžikienė, E. (2022). Effectiveness of eggshells as natural heterogeneous catalysts for transesterification of rapeseed oil with methanol. <i>Catalysts</i> , 12 (3), 1-13. doi: 10.3390/catal12030246	T 004 (100)	11.2.	VDU (5,64)
309.	VDU (1)	5673319	Gaidė, I., Makarevičienė, V., Sendžikienė, E., & Gumbytė, M. (2022). Application of dolomite as solid base catalyst for transesterification of rapeseed oil with butanol. <i>Sustainable energy technologies and assessments</i> , (52), 1-7. doi: 10.1016/j.seta.2022.102278	T 004 (100)	11.2.	VDU (9,546)
310.	VDU (0,0714)	5673762	Ghazal, H., Koumaki, E., Hoslett, J., Malamis, S., Katsou, E., & Barcelo, D. et al. (2022). Insights into current physical, chemical and hybrid technologies used for the treatment of wastewater contaminated with pharmaceuticals. <i>Journal of cleaner production</i> , (361), 1-22. doi: 10.1016/j.jclepro.2022.132079	T 004 (100)	11.2.	VDU (2,495)
311.	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	T 002 (50)	11.00	VU (–)
312.	VDU (0,0385)	5673946	Hong, Y., Yiyun, C., Chen, S., Ruili, S., Hu, B., & Peng, J. et al. (2022). Data mining of urban soil spectral library for estimating organic carbon. <i>Geoderma</i> , (426), 1-14. doi: 10.1016/j.geoderma. 2022.116102	T 004 (50), T 009 (50)	11.2.	VDU (1,44)

Eil. Nr.	Mokslo ir studijų 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
313.	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	T 004 (30)	11.2.	VDU (2,206)
314.	VDU (1)	5674983	Jurevičius, L., Punys, P., Kasiulis, E., & Šilinis, L. (2022). Surveying dewatered areas in the fish spawning sites during short-term drawdown operations: case study of a large hydropower plant reservoir in the lowland area, Lithuania. <i>Energies</i> , 15(22), 1-19. doi: doi.org/10.3390/en15228574	T 002 (50), T 004 (50)	11.2.	VDU (4,948)
315.	VDU (0,5)	5675405	Karayel, D., Güngör, O., & Šarauskis, E. (2022). Estimation of optimum vacuum pressure of air-suction seed-metering device of precision seeders using artificial neural network models. <i>Agronomy</i> , 12(7), 1-11. doi: 10.3390/agronomy12071600	T 004 (50), T 009 (50)	11.2.	VDU (7,324)
316.	VDU (1)	5675845	Kazlauskas, M., Šarauskis, E., Lekavičienė, K., Naujokienė, V., Romaneckas, K., & Bručienė, I. et al. (2022). The comparison analysis of uniform-and variable-rate fertilizations on winter wheat yield parameters using site-specific seeding. <i>Processes</i> , 10 (12), 1-13. doi: 10.3390/pr10122717	T 004 (50), T 009 (40)	11.2.	VDU (5,042)
317.	VDU (0,5)	5679605	Plungė, S., Gudas, M., & Povilaitis, A. (2022). Expected climate change impacts on surface water bodies in Lithuania. <i>Ecohydrology & Hydrobiology</i> , 22(2), 246–268. doi: 10.1016/j.ecohyd.2021.11.004 1	T 004 (100)	11.2.	VDU (3,233)
318.	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	T 004 (50)	11.2.	VDU (3,692)

Eil. Nr.	Mokslo ir studijų 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
319.	LEI (0,8333); VDU (0,1667)	5682596	Žaltauskaitė, J., Kniuitytė, 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	T 004 (70)	11.2.	LEI (9,184); VDU (1,837)
320.	VDU (1)	5682656	Kreivaitis, R., Treinytė, J., & Gumbytė, M. (2022). Investigation of tribological properties of environmentally friendly ionic liquids as a potential lubricity improving additives for water-based lubricants. <i>Industrial Lubrication and Tribology</i> , 74(3), 294-301. doi: 10.1108/ILT-06-2021-0213	T 003 (40), T 004 (60)	11.2.	VDU (4,8)
321.	VDU (0,2)	5682685	Kukharets, S., Golub, G., Wrobel, M., Sukmaniuk, O., Mudryk, K., & Hutsol, T. et al. (2022). A theoretical model of the gasification rate of biomass and its experimental confirmation. <i>Energies</i> , 15 (20), 1-15. doi: 10.3390/en15207721	T 004 (50), T 006 (50)	11.2.	VDU (2,212)
322.	VDU (0,125)	5682760	Malienė, V., Fowles, S., Atkinson, I., & Malys, N. (2022). A sustainability assessment framework for the high street. <i>Cities</i> , (124), 1-12. doi: 10.1016/j.cities.2022.103571	T 002 (50), T 004 (50)	11.2.	VDU (3,036)
323.	KTU (0,5); VDU (0,25)	5682825	Abayomi-Alli, O., Damaševičius, R., Abbasi, A., & Maskeliūnas, R. (2022). Detection of COVID-19 from deep breathing sounds using sound spectrum with image augmentation and deep learning techniques. <i>Electronics</i> , 11(16), 1-19. doi: 10.3390/electronics11162520	T 007 (100)	11.2.	KTU (4,508); VDU (2,254)
324.	VDU (0,1429)	5682948	Mazhar, R., Xuehao, B., Dogot, T., Skominas, R., Tanaskovik, V., & Azadi, H. et al. (2022). Contract farming and technical efficiency: a case of export-oriented organic rice farmers in Pakistan. <i>Land</i> , 11(11), 1-17. doi: 10.3390/land11111953	T 004 (100)	11.2.	VDU (2,101)

Eil. Nr.	Mokslo ir studijų 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
325.	VDU (1)	5682986	Plotnikova, E., Vienažindienė, M., & Slavinskas, S. (2022). Development of inland waterway transport as a key to ensure sustainability: a case study of Lithuania. <i>Sustainability</i> , 14(17), 1- 15. doi: 10.3390/su141710532	T 003 (50)	11.2.	VDU (3,249)
326.	VDU (1)	5683126	Mažeikienė, R., & Bleizgys, R. (2022). Use of bio-preparations to reduce ammonia emissions from cattle farming : effects of manure storage time and ventilation intensity. <i>Agriculture</i> , 12 (10), 1-12. doi: 10.3390/agriculture12101626	T 004 (100)	11.2.	VDU (9,412)
327.	VDU (1)	5683236	Naujokienė, V., Bleizgys, R., Venslauskas, K., & Paulikienė, S. (2022). Climate-smart holistic management system criteria's effectiveness on milk production in Lithuania. <i>Agriculture</i> , 12(6), 1-18. doi: 10.3390/agriculture12060804	T 004 (100)	11.2.	VDU (9,412)
328.	VDU (1)	5688205	Naujokienė, V., Lekavičienė, K., Šarauskis, E., & Bendoraitytė, A. (2022). Using a soil bioregeneration approach to reduce soil compaction and financial costs of planting winter wheat and rapeseed. <i>Agriculture</i> , 12(5), 1-13. doi: 10.3390/agriculture12050666	T 004 (80)	11.2.	VDU (7,529)
329.	VDU (0,0556)	5689625	Abdelkareem, M., Maghrabie, H., Khalil, A., Adhari, O., Sayed, E., & Radwan, N. et al. (2022). Thermal management systems based on heat pipes for batteries in EVs/HEVs. <i>Journal of energy storage</i> , (51), 1-32. doi: 10.1016/j.est.2022.104384	T 006 (100)	11.2.	VDU (1,776)
330.	VDU (0,6667); LEI (0,3333)	5689860	Petlickaitė, R., Jasinskas, A., Miėdažys, R., Romaneckas, K., Praspaliauskas, M., & Balandaitė, J. (2022). Investigation of pressed solid biofuel produced from multi-crop biomass. <i>Sustainability</i> , 14(2), 1-16. doi: doi.org/10.3390/su14020799	T 004 (70)	11.2.	VDU (3,033); LEI (1,516)

Eil. Nr.	Mokslo ir studijų 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
331.	VDU (0,5)	5690010	Plungė, S., Gudas, M., & Povilaitis, A. (2022). Effectiveness of best management practices for non-point source agricultural water pollution control with changing climate – Lithuania's case. <i>Agricultural water management</i> , (267), 1-15. doi: 10.1016/j. agwat.2022.107635	T 004 (100)	11.2.	VDU (9,979)
332.	VDU (1)	5690358	Punys, P., & Jurevičius, L. (2022). Assessment of hydropower potential in wastewater systems and application in a lowland country, Lithuania. <i>Energies</i> , 15(14), 1-23. doi: 10.3390 /en15145173	T 002 (50), T 004 (50)	11.2.	VDU (4,948)
333.	VDU (0,2)	5690428	Quaranta, E., Bodis, K., Kasiulis, E., McNabola, A., & Pistocchi, A. (2022). Is there a residual and hidden potential for small and micro hydropower in Europe? A screening-level regional assessment. <i>Water resources management</i> , 36(6), 1745-1762. doi: 10.1007/s11269-022-03084-6	T 002 (50), T 004 (50)	11.2.	VDU (3,436)
334.	VDU (0,125)	5690452	Rashad, M., Żabnieńska-Góra, A., Norman, L., & Jouhara, H. (2022). Analysis of energy demand in a residential building using TRNSYS. <i>Energy</i> , 254(B), 1-11. doi: 10.1016/j.energy. 2022.124357	T 002 (100)	11.2.	VDU (2,515)
335.	VDU (0,6); VU (0,2)	5690476	Andriukaitis, D., Vargalis, R., Serpytis, L., Drevinskas, T., Kornysova, O., & Stankevičius, M. et al. (2022). Fabrication of microfluidic Tesla valve employing femtosecond bursts. <i>Micromachines</i> , 13(8), 1-12. doi: 10.3390/mi13081180	T 005 (100)	11.2.	VDU (5,42); VU (1,807)
336.	VDU (1)	5690579	Romanekas, K., Balandaitė, J., Sinkevičienė, A., Kimbirauskienė, R., Jasinskas, A., & Ginelevičius, U. et al. (2022). Short-term impact of multi-cropping on some soil physical properties and respiration. <i>Agronomy</i> , 12(1), 1-17. doi: doi.org/10. 3390/agronomy12010141	T 004 (30)	11.2.	VDU (2,537)

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, taškais ⁵
337.	LSMU (0,7857); KTU (0,0714); VDU (0,0714)	5690719	Badaras, Š., Ružauskas, M., Gružauskas, R., Zokaitytė, E., Starkutė, V., & Mockus, E. et al. (2022). Strategy for local plant- based material valorisation to higher-value feed stock for piglets. <i>Animals</i> , 12(9), 1-23. doi: 10.3390/ani12091092	T 005 (20)	11.2.	LSMU (2,467); KTU (0,224); VDU (0,224)
338.	VDU (1)	5691066	Romanekas, K., Steponavičius, D., Jasinskas, A., Kazlauskas, M., Naujokienė, V., & Bručienė, I. et al. (2022). How to analyze, detect and adjust variable seedbed depth in site-specific sowing systems: a case study. <i>Agronomy</i> , 12(5), 1-16. doi: 10.3390/agronomy12051092	T 004 (40), T 009 (30)	11.2.	VDU (5,92)
339.	VDU (1)	5691300	Saldukaitė, L., Šarauskis, E., Zabrodskiy, A., Adamavičienė, A., Buragienė, S., & Kriaučiūnienė, Z. et al. (2022). Assessment of energy saving and GHG reduction of winter oilseed rape production using sustainable strip tillage and direct sowing in three tillage technologies. <i>Sustainable energy technologies and assessments</i> , (51), 1-10. doi: 10.1016/j.seta.2021.101911	T 004 (70)	11.2.	VDU (6,682)
340.	VDU (1)	5691543	Saldukaitė-Sribikė, L., Šarauskis, E., Buragienė, S., Adamavičienė, A., Velička, R., & Kriaučiūnienė, Z. et al. (2022). Effect of tillage and sowing technologies nexus on winter wheat production in terms of yield, energy, and environment impact. <i>Agronomy</i> , 12 (11), 1-17. doi: 10.3390/agronomy12112713	T 004 (60)	11.2.	VDU (5,074)
341.	KU (0,25)	5691559	Szabados, G., Žaglinskis, J., Lukács, K., & Bereczky, Á. (2021). Combustion and emission analyses of a diesel engine running on blends with methanol. Part III: Application aspects. In A. Agarwal, H. Valera, M. Pexa, & J. Čedík, <i>Methanol: a sustainable transport fuel for CI engines</i> (Chapter 6, p. 141-172). Singapore: Springer.	T 003 (100)	11.1.	KU (9,959)

Eil. Nr.	Mokslo ir studijų 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
342.	VDU (0,8571)	5692115	Jasinskas, A., Kleiza, V., Streikus, D., Domeika, R., Vaiciukevičius, E., & Valentin, M. et al. (2022). Assessment of quality indicators of pressed biofuel produced from coarse herbaceous plants and determination of the influence of moisture on the properties of pellets. <i>Sustainability</i> , 14(3), 1-16. doi: 10.3390/su14031068	T 004 (100)	11.2.	VDU (7,877)
343.	VDU (1)	5692383	Sendžikienė, E., & Makarevičienė, V. (2022). Synthesis of biodiesel by interesterification of triglycerides with methyl formate. <i>Applied Sciences</i> , 12(19), 1-12. doi: 10.3390/app12199912	T 004 (100)	11.2.	VDU (5,311)
344.	VDU (1)	5692474	Sendžikienė, E., Makarevičienė, V., & Šantaraitė, M. (2022). Simultaneous extraction of rapeseed oil and enzymatic transesterification with butanol in the mineral diesel medium. <i>Energies</i> , 15(18), 1-12. doi: 10.3390/en15186837	T 004 (100)	11.2.	VDU (4,947)
345.	KTU (0,625); VDU (0,25)	5695490	Valentinavičius, V., Morkevičius, V., Žvaliauskas, G., & Briedienė, M. (2022). Appeals to human rights in the context of managing the COVID-19 pandemic: analysis of Government Hours in the Lithuanian Parliament in 2020–2021. <i>Politologija</i> , 105(1), 92–132. doi: 10.15388/Polit.2022.105.3	T 007 (30)	11.00	KTU (–); VDU (–)
346.	VDU (0,5); KTU (0,25); MRU (0,25)	5696937	Damaševičius, R., & Zailskaitė-Jakštė, L. (2022). Usability and security testing of online links: a framework for click-through rate prediction using deep learning. <i>Electronics</i> , 11(3), 1–15. doi: 10.3390/electronics11030400	T 007 (90)	11.2.	VDU (2,869); KTU (1,435); MRU (1,435)
347.	VDU (0,5)	5697080	Sheludchenko, B., Šarauskis, E., Kukharets, S., & Zabrodskyi, A. (2022). Graphic analytical optimization of design and operating parameters of tires for drive wheels of agricultural machinery. <i>Soil and tillage research</i> , vol. 215, p. 1-6. doi: 10.1016/j.still.2021.105227	T 004 (40), T 009 (60)	11.2.	VDU (10,298)

Eil. Nr.	Mokslo ir studijų 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
348.	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	T 004 (50)	11.2.	GTC (2,365); VDU (2,365)
349.	VDU (1)	5697575	Šarausis, E., Kazlauskas, M., Naujokienė, V., Bručienė, I., Steponavičius, D., & Romaneckas, K. et al. (2022). Variable rate seeding in precision agriculture: recent advances and future perspectives. <i>Agriculture</i> , 12(2), 1-24. doi: 10.3390/agriculture12020305	T 004 (80)	11.2.	VDU (7,529)
350.	VDU (0,0556)	5698026	Tryhuba, A., Hutsol, T., Tryhuba, I., Mudryk, K., Kukharets, V., & Głowacki, S. et al. (2022). Assessment of the condition of the project environment for the implementation of technologically integrated projects of the “European Green Deal” using maize waste. <i>Energies</i> , 15(21), 1-19. doi: 10.3390/en15218220	T 004 (50)	11.2.	VDU (0,389)
351.	VDU (0,5); VILNIUS TECH (0,5)	5698292	Tumelienė, E., Sužiedelytė-Visockienė, J., & Malienė, V. (2022). Evaluating the eligibility of abandoned agricultural land for the development of wind energy in Lithuania. <i>Sustainability</i> , 14(21), 1-14. doi: 10.3390/su142114569	T 004 (50), T 010 (50)	11.2.	VDU (3,25); VILNIUS TECH (3,25)
352.	VDU (0,5)	5698339	Damaševičius, R., & Zailskaitė-Jakštė, L. (2022). Impact of COVID- 19 pandemic on researcher collaboration in business and economics areas on national level: a scientometric analysis. <i>Journal of documentation</i> , (Early access), 1-20. doi: 10.1108/JD- 02-2022-0030	T 007 (50)	11.2.	VDU (1,25)
353.	VDU (1)	5698449	Ūksas, T., Sirvydas, P., Paulikienė, S., & Čingienė, R. (2022). Conversion of thermal energy to gas flow kinetic energy in the bionic leaf stomata. <i>Agronomy</i> , 12(8), 1-18. doi: 10.3390/agronomy12081742	T 004 (50), T 009 (50)	11.2.	VDU (8,458)

Eil. Nr.	Mokslo ir studijų 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.	KTU (0,6); VDU (0,2)	5698892	Vaičiukynienė, D., Balevičius, G., Vaičiukynas, V., Kantautas, A., & Jakevičius, L. (2022). Synergic effect between two pozzolans: Clinoptilolite and silica gel by-product in a ternary blend of a Portland cement system. <i>Construction and building materials</i> , (344), 1-8. doi: 10.1016/j.conbuildmat.2022.128155	T 002 (100)	11.2.	KTU (6,684); VDU (2,228)
355.	VDU (0,0833)	5698988	Vejchodská, E., Barreira, A., Auziņš, A., Jürgenson, E., Fowles, S., & Malienė, V. (2022). Bridging land value capture with land rent narratives. <i>Land Use Policy</i> , (114), 1-11. doi: 10.1016/j.landusepol.2021.105956	T 004 (100)	11.2.	VDU (2,59)
356.	VDU (1)	5699246	Zinkevičienė, R., Jotautienė, E., Jasinskas, A., Kriaučiūnienė, Z., Lekavičienė, K., & Naujokienė, V. et al. (2022). Determination of properties of loose and granulated organic fertilizers and qualitative assessment of fertilizer spreading. <i>Sustainability</i> , 14 (7), 1-14. doi: 10.3390/su14074355	T 004 (40), T 009 (40)	11.2.	VDU (5,198)
357.	VDU (0,125)	5699282	Guichet, V., Delpech, B., Khordehgah, N., & Jouhara, H. (2022). Experimental and theoretical investigation of the influence of heat transfer rate on the thermal performance of a multi-channel flat heat pipe. <i>Energy</i> , (250), 1-19. doi: 10.1016/j.energy.2022.123804	T 006 (100)	11.2.	VDU (2,053)
358.	VDU (0,6); VU (0,3)	5700225	Hernandez-Cedillo, L., Andriukaitis, D., Šerpytis, L., Drevinskas, T., Kornysova, O., & Kaškonienė, V. et al. (2022). Peculiarities of integrating mechanical valves in microfluidic channels using direct laser writing. <i>Applied bionics and biomechanics</i> , (x), 1-8. doi: 10.1155/2022/9411024	T 005 (100)	11.2.	VDU (4,151); VU (2,075)
359.	VDU (0,3333)	5700481	Jaszcz, A., Połap, D., & Damaševičius, R. (2022). Lung X-ray image segmentation using heuristic red fox optimization algorithm. <i>Scientific programming</i> , 1-8. doi: 10.1155/2022/4494139	T 007 (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
360.	VDU (0,1)	5701366	Khanna, S., Paneliya, S., Prajapati, P., Mukhopadhyay, I., & Jouhara, H. (2022). Ultra-stable silica/exfoliated graphite encapsulated n-hexacosane phase change nanocomposite: A promising material for thermal energy storage applications. <i>Energy</i> , (250), 1-14. doi: 10.1016/j.energy.2022.123729	T 006 (100)	11.2.	VDU (2,012)
361.	KTU (0,6667); VDU (0,3333)	5705850	Komolovaitė, D., Maskeliūnas, R., & Damaševičius, R. (2022). Deep convolutional neural network-based visual stimuli classification using electroencephalography signals of healthy and Alzheimer's disease subjects. <i>Life - Basel</i> , 12(3), 1-24. doi: 10.3390/life12030374	T 007 (100)	11.2.	KTU (4,652); VDU (2,326)
362.	VDU (0,2)	5706703	Makhadmeh, S., Al-Betar, M., Awadallah, M., Abasi, A., Alyasseri, Z., & Doush, I. et al. (2022). A modified Coronavirus herd immunity optimizer for the power scheduling problem. <i>Mathematics</i> , 10(3), 1-29. doi: 10.3390/math10030315	T 007 (100)	11.2.	VDU (9,899)
363.	VDU (0,5)	5707128	Karayel, D., Šarauskis, E., & Riza, A. (2022). Design and experiment of a helicoidal seed tube to improve seed distribution uniformity of seed drills. <i>Processes</i> , 10(7), 1-12. doi: 10.3390/pr10071271	T 009 (100)	11.2.	VDU (3,962)
364.	VDU (0,1667)	5707184	Prajapati, P., Patel, V., & Jouhara, H. (2022). An efficient optimization of an irreversible Ericsson refrigeration cycle based on thermo-ecological criteria. <i>Thermal science and engineering progress</i> , (33), 1-10. doi: 10.1016/j.tsep.2022.101381	T 006 (100)	11.2.	VDU (2,576)
365.	VDU (0,75); LEI (0,25)	5707307	Kazlauskas, D., Jankauskas, V., Kreivaitis, R., & Tučkutė, S. (2022). Wear behaviour of PVD coating strengthened WC-Co cutters during milling of oak-wood. <i>Wear</i> , (498-499), 1-12. doi: 10.1016/j.wear.2022.204336	T 006 (20), T 009 (80)	11.2.	VDU (6,393); LEI (2,131)

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
366.	KTU (0,0769); VDU (0,0769)	5707887	Surzhenkov, A., Viljus, M., Antonov, M., Kübarsepp, J., Kulu, P., & Heinar, V. et al. (2022). Effect of laser heat treatment on AlxTi1- xN-based PVD coatings, deposited on carbon and tool steel substrates. <i>Surface and coatings technology</i> , (446), 1-10. doi: 10.1016/j.surfcoat.2022.128771	T 008 (40), T 009 (60)	11.2.	KTU (1,413); VDU (1,413)
367.	VDU (1)	5707951	Padgurskas, J., Rukuiža, R., & Žunda, A. (2022). Evaluation of tribological and mechanical properties of carbon steel with fluoroligomeric film at piezoelectric actuator contact. <i>Coatings</i> , 12(4), 1-12. doi: 10.3390/coatings12040463	T 003 (40), T 009 (60)	11.2.	VDU (6,075)
368.	KSU (1)	5734240	Oksas, A. (2022). Digital analysis of a form. <i>Kybernetes</i> , 51(1), p. 241-274. doi: 10.1108/K-10-2020-0682	T 007 (30)	11.2.	KSU (1,372)
369.	VILNIUS TECH (0,8); LSMC (0,2)	5762956	Vėjelis, S., Skulskis, V., Kremensas, A., Vaitkus, S., & Kairytė, A. (2022). Raw sheep wool management for thermal insulation materials: The case of Lithuania. <i>Journal of natural fibers</i> , vol. 19 (iss. 16), p. 14250-14261. doi: 10.1080/15440478.2022.2060407	T 008 (80)	11.2.	VILNIUS TECH (6,032); LSMC (1,508)
370.	VU (1)	5778902	Dzemydienė, D., Maskeliūnas, S., & Dzemydaitė, G. (2022). Extension of GIS functionality for integration of surface water bodies assessment. <i>CEUR workshop proceedings: Baltic DB&IS 2022 Doctoral Consortium and Forum - Joint Proceedings of Baltic DB and IS 2022 Doctoral Consortium and Forum, co-located with 15th International Baltic Conference on Digital Business and Intelligent Systems, Baltic DB and IS 2022. July 03–06, 2022, Riga, Latvia, vol. 3158</i> , p. 33-44.	T 004 (20), T 007 (70)	11.00	VU (–)
371.	KTU (1)	5884264	Augustiniene, E., Valanciene, E., Matulis, P., Syrpas, M., Jonuskiene, I., & Malys, N. (2022). Bioproduction of l- and d-lactic acids: advances and trends in microbial strain application and engineering. <i>Critical reviews in biotechnology</i> , vol. 42(iss. 3), p. 342-360. doi: 10.1080/07388551.2021.1940088	T 005 (100)	11.2.	KTU (13,455)

Eil. Nr.	Mokslo ir studijų 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
372.	KTU (1)	5884279	Bulota, M., Ciuzas, D., Krugly, E., Pauliukaityte, I., Baniukaitiene, O., & Martuzevicius, D. (2022). Electrospun cellulose fiber- reinforced UV- curable composites with tunable properties. <i>Industrial crops and products</i> , vol. 176, p. 1-6. doi: 10.1016/j.indcrop.2021.114306	T 004 (60), T 005 (40)	11.2.	KTU (13,21)
373.	KTU (0,5)	5884428	Kim, Y., Yang, B., Suo, J., Jatautiene, E., Simokaitiene, J., & Durgaryan, R. et al. (2022). Additives-free indolo[3,2-b]carbazole- based hole-transporting materials for perovskite solar cells with three yeses: Stability, efficiency, simplicity. <i>Nano energy</i> , vol. 101, p. 1-12. doi: 10.1016/j.nanoen.2022.107618	T 005 (100)	11.2.	KTU (21,009)
374.	KTU (0,0417)	5884519	Kirch, A., Bärschneider, T., Achenbach, T., Fries, F., Gmelch, M., & Werberger, R. et al. (2022). Accurate wavelength tracking by exciton spin mixing. <i>Advanced materials</i> , vol. 34(iss. 38), p. 1-8. doi: 10.1002/adma.202205015	T 005 (100)	11.2.	KTU (1,965)
375.	KTU (1)	5884539	Krugly, E., Pauliukaityte, I., Ciuzas, D., Bulota, M., Peculyte, L., & Martuzevicius, D. (2022). Cellulose electrospinning from ionic liquids: the effects of ionic liquid removal on the fiber morphology. <i>Carbohydrate polymers</i> , vol. 285, p. 1-345. doi: 10.1016/j.carbpol.2022.119260	T 004 (70), T 005 (30)	11.2.	KTU (17,51)
376.	KTU (1)	5884607	Krugly, E., Pitak, O., Ciuzas, D., Tichonovas, M., Stasiulaitiene, I., & Urniezaite, I. et al. (2022). VOC removal from ventilation air by gas-to- particle conversion: towards the enhancement of process efficiency. <i>Building and environment</i> , vol. 209, p. 1-8. doi: 10.1016/j.buildenv.2021.108647	T 004 (100)	11.2.	KTU (11,303)

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, taškais ⁵
377.	KTU (0,8)	5884630	Lebedevaite, M., Gineika, A., Talacka, V., Baltakys, K., & Ostrauskaite, J. (2022). Development and optical 3D printing of acrylated epoxidized soybean oil-based composites with functionalized calcium silicate hydrate filler derived from aluminium fluoride production waste. <i>Composites Part A: Applied science and manufacturing</i> , vol. 157, p. 1-12. doi: 10.1016/j.compositesa.2022.106929	T 005 (100)	11.2.	KTU (13,441)
378.	KTU (0,6667)	5884722	Sholokhova, A., Denafas, G., & Mykhaylenko, V. (2022). Microplastics generation and concentration during mechanical- biological treatment of mixed municipal solid waste. <i>Environmental research</i> , vol. 214(pt. 1), p. 1-7. doi: 10.1016/j.envres.2022.113815	T 004 (100)	11.2.	KTU (11,598)
379.	KTU (1)	5884732	Valančius, Z., Vaickelionienė, R., Vaickelionis, G., & Makčinskas, P. (2022). Use of an industrial by-product phosphogypsum in the production of white textured paints. <i>Journal of cleaner production</i> , vol. 380(pt. 1), p. 1-8. doi: 10.1016/j.jclepro. 2022.134888	T 005 (100)	11.2.	KTU (13,202)
380.	LSMU (0,8333); KTU (0,1667)	5898205	Badaras, Š., Klupšaitė, D., Ružauskas, M., Gružauskas, R., Zokaitytė, E., & Starkutė, V. et al. (2022). Influence of Sugar Beet Pulp Supplementation on Pigs' Health and Production Quality /. <i>Animals.</i> , vol. 12(no. 16), p. 1-22. doi: 10.3390/ani12162041	T 005 (20)	11.2.	LSMU (1,85); KTU (0,37)
381.	LSMU (0,8462); KTU (0,0769)	5898376	Badaras, Š., Ružauskas, M., Gružauskas, R., Zokaitytė, E., Starkutė, V., & Klupšaitė, D. et al. (2022). Different creep compound feed formulations for new born piglets: influence on growth performance and health parameters /. <i>Frontiers in veterinary science.</i> , vol. 9, p. 1-16. doi: 10.3389/fvets. 2022.971783	T 005 (10)	11.2.	LSMU (1,458); KTU (0,133)

Eil. Nr.	Mokslo ir studijų 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
382.	LSMU (0,7778); KTU (0,1111)	5904787	Bartkienė, E., Gružas, R., Ružas, M., Zokaitytė, E., Starkutė, V., & Klupšaitė, D. et al. (2022). Changes in the Microbial Community and Biogenic Amine Content in Rapeseed Meal during Fermentation with an Antimicrobial Combination of Lactic Acid Bacteria Strains /. <i>Fermentation.</i> , vol. 8(no. 4), p. 1-14. doi: 10.3390/fermentation8040136	T 005 (20)	11.2.	LSMU (1,476); KTU (0,211)
383.	LSMU (0,8889)	5911008	Bartkienė, E., Zokaitytė, E., Starkutė, V., Mockus, E., Klupšaitė, D., & Lukševičiūtė, J. et al. (2022). Biopreservation of Wild Edible Mushrooms (<i>Boletus edulis</i> , <i>Cantharellus</i> , and <i>Rozites caperata</i>) with Lactic Acid Bacteria Possessing Antimicrobial Properties /. <i>Foods.</i> , vol. 11(no. 12), p. 1-18. doi: 10.3390/foods11121800	T 005 (10)	11.2.	LSMU (0,788)
384.	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	T 005 (20)	11.2.	LSMU (0,702); GTC (0,351); KTU (0,175)
385.	LSMU (0,4); KTU (0,3)	5954283	Trakselyte-Rupsiene, K., Juodeikienė, G., Janić Hajnal, E., Bartkevics, V., Pugajeva, I., & Klupšaitė, D. et al. (2022). Challenges of <i>Lactobacillus</i> fermentation in combination with acoustic screening for deoxynivalenol and deoxynivalenol conjugates reduction in contaminated wheat - based products /. <i>Food control.</i> , vol. 134, p. 1-8. doi: 10.1016/j.foodcont.2021.108699	T 005 (40)	11.2.	LSMU (3,176); KTU (2,382)
386.	KTU (0,4444); LSMU (0,1111)	5956755	Trakšelytė-Rupšienė, K., Juodeikienė, G., Alzbergaitė, G., Žadeikė, D., Bartkienė, E., & Ozogul, F. et al. (2022). Bio-refinery of plant drinks press cake permeate using ultrafiltration and <i>Lactobacillus</i> fermentation into antimicrobials and its effect on the growth of wheatgrass in vivo. <i>Food bioscience.</i> , vol. 46, p. 1-8. doi: 10.1016/j.fbio.2021.101427	T 005 (80)	11.2.	KTU (6,306); LSMU (1,577)

Eil. Nr.	Mokslo ir studijų 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
387.	KTU (0,5); LSMU (0,5)	5959169	Vaitkevičienė, R., Žadeikė, D., Gaižauskaitė, Ž., Valentavičiūtė, K., Marksa, M., & Maždzierienė, R. et al. (2022). Functionalisation of rice bran assisted by ultrasonication and fermentation for the production of rice bran–lingonberry pulp-based probiotic nutraceutical /. <i>International journal of food science & technology</i> ., vol. 57(no. 3), p. 1462-1472. doi: 10.1111/ijfs.15053	T 005 (50)	11.2.	KTU (1,59); LSMU (1,59)
388.	KTU (1)	5996882	Guduru, R., Domeika, A., Obcarskas, L., & Ylaitė, B. (2022). The ergonomic association between shoulder, neck/head disorders and sedentary activity: a systematic review. <i>Journal of healthcare engineering</i> , vol. 2022, p. 1-15. doi: 10.1155/2022/5178333	T 009 (100)	11.00	KTU (–)
389.	PTTTI (0,3); KTU (0,1)	5998898	DONELIENĖ, J., FATARAITE-URBONIENĖ, E., DANCHOVA, N., GUTZOV, S., & ULBIKAS, J. (2022). The influence of the precursor's nature and drying conditions on the structure, morphology, and thermal properties of TiO2 aerogels. <i>Gels</i> , 8(7), 1-16. doi: 10.3390/gels8070422	T 005 (50), T 008 (50)	11.2.	PTTTI (4,256); KTU (1,418)
390.	KTU (0,5); VDU (0,5)	6305712	Kulikajevas, A., Maskeliūnas, R., Damaševičius, R., & Krilavičius, T. (2022). Auto-refining 3D mesh reconstruction algorithm from limited angle depth data. <i>IEEE Access</i> , (10), 87083-87098. doi: 10.1109/ACCESS.2022.3143467	T 007 (100)	11.2.	KTU (4,058); VDU (4,058)
391.	VILNIUS TECH (0,25)	6344153	Calka, B., Orych, A., Bielecka, E., & Mozūriūnaitė, S. (2022). The ratio of the land consumption rate to the population growth rate: A framework for the achievement of the spatiotemporal pattern in Poland and Lithuania. <i>Remote sensing: Special issue: European remote sensing-new solutions for science and practice</i> , vol. 14 (iss. 5), p. 1-24. doi: 10.3390/rs14051074	T 004 (50)	11.2.	VILNIUS TECH (1,508)
392.	FTMC (1)	6396183	Abraitienė, A., Kubilienė, D., Šapurov, M., Dervinis, A., Bleizgys, V., & Baškys, A. et al. (2022). <i>European Patent application EP EP20210168055 20210413</i> . European Patent Office.	T 001 (50), T 008 (50)	11.3.	FTMC (10)

Eil. Nr.	Mokslo ir studijų 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
393.	FTMC (0,0625)	6397203	Masim, F., Porta, M., Hsu, W., Nguyen, M., Yonezawa, T., & Balčytis, A. et al. (2016). Au nanoplasma as efficient hard X-ray emission source. <i>ACS photonics</i> , vol. 3(iss. 11), p. 2184-2190. doi: 10.1021/acsphotonics.6b00692	T 008 (100)	11.2.	FTMC (–)
394.	VU (0,3); FTMC (0,1)	6397865	Levchenko, I., Riccardi, C., Carra, C., Medvids, A., Litvinas, D., & Ščajej, 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	T 008 (40)	11.2.	VU (2,195); FTMC (0,732)
395.	FTMC (0,125)	6398497	Grinevičiūtė, L., Ng, S., Han, M., Moein, T., Anand, V., & Katkus, T. et al. (2021). Anisotropy of 3D columnar coatings in mid-infrared spectral range. <i>Nanomaterials</i> , vol. 11(iss. 12), p. 1-14. doi: 10.3390/nano11123247	T 008 (100)	11.2.	FTMC (2,581)
396.	VDU (0,4)	6410449	Kreivaitis, R., Kupčinskas, A., Žunda, A., Ta, T., & Horng, J. (2022). Effect of temperature on the lubrication ability of two ammonium ionic liquids. <i>Wear</i> , vol. 492–493, 1–11. doi: 10.1016/j.wear.2021.204217	T 009 (100)	11.2.	VDU (4,822)
397.	LEI (0,6); KTU (0,1)	6436365	Mohamed, A., Yousef, S., Tonkonogovas, A., Makarevicius, V., & Stankevičius, A. (2022). High performance of PES-GNs MMMs for gas separation and selectivity. <i>Arabian journal of chemistry</i> , vol. 15(iss. 2), p. 1-12. doi: 10.1016/j.arabjc.2021.103565	T 006 (60), T 008 (40)	11.2.	LEI (8,405); KTU (1,4)
398.	LEI (0,3333)	6436380	Tamošiūnas, A., Khiari, B., & Jrguirim, M. (2022). Chapter ten – Biofuels production: Biogas, biodiesel and bioethanol from tomato wastes. In <i>Tomato Processing by-Products</i> (p. 333-370). Kidlington: Elsevier.	T 006 (100)	11.1.	LEI (15,588)

Eil. Nr.	Mokslo ir studijų 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
399.	LEI (1)	6436391	Tamošiūnas, A., Gimžauskaitė, D., Aikas, M., Uscila, R., & Zakarauskas, K. (2022). Waste glycerol gasification to syngas in pure DC water vapor arc plasma. <i>International Journal of Hydrogen Energy: International Conference on Energy, Environment and Storage of Energy</i> , 15. <i>International Combustion Symposium</i> , vol. 47(iss. 24), p. 12219-12230. doi: 10.1016/j.ijhydene.2021.06.203	T 006 (100)	11.2.	LEI (8,776)
400.	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	T 004 (50)	11.2.	KTU (1,705); LEI (1,364)
401.	LEI (1)	6436445	Slavickas, A., Kaliatka, T., Pabarčius, R., & Rimkevičius, S. (2022). The impact of fuel depletion scheme within SCALE code on the criticality of spent fuel pool with RBMK fuel assemblies. <i>Nuclear Engineering and Technology</i> , vol. 54(iss. 12), p. 4731-4742. doi: 10.1016/j.net.2022.08.001	T 006 (100)	11.2.	LEI (10,591)
402.	LEI (0,5714); KTU (0,2857)	6436457	Poškas, R., Sirvydas, A., Kulkovas, V., Poškas, P., Jouhara, H., & Miliauskas, G. et al. (2022). Flue gas condensation in a model of the heat exchanger: the effect of the cooling water flow rate and its temperature on local heat transfer. <i>Applied sciences</i> , vol. 12 (iss. 24), p. 1-17. doi: 10.3390/app122412650	T 006 (100)	11.2.	LEI (4,292); KTU (2,146)
403.	LEI (0,6667)	6436486	Narkūnas, E., Šmaižys, A., Poškas, P., Šimonis, A., Naumov, V., & Ekaterinichev, D. (2022). Gamma Radiation Shielding Assessment Using Stochastic, Deterministic, and Experimental Methods for RBMK-1500 SNF Storage Cask. <i>Nuclear Technology</i> , vol. 208(iss. 12), p. 1876-1889. doi: 10.1080/00295450.2022.2092367	T 006 (100)	11.2.	LEI (6,385)

Eil. Nr.	Mokslo ir studijų 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
404.	LEI (0,6667)	6436500	Togobickij, B., Povilaitis, M., Slavickas, A., Stora, T., Barozier, V., & Stankūnas, G. (2022). Nuclear Analysis of High-Power LIEBE Molten Target at CERN for the Production of Radioisotopes. <i>Applied Sciences</i> , vol. 12(iss. 23), p. 1-14. doi: 10.3390/app122311884	T 006 (100)	11.2.	LEI (5,007)
405.	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	T 008 (50)	11.2.	KTU (2,17); VU (0,868)
406.	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	T 008 (50)	11.2.	VU (4,5)
407.	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	T 008 (30)	11.2.	VU (1,15)
408.	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	T 008 (40)	11.2.	VU (1,792)
409.	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	T 008 (70)	11.2.	VU (1,771)

Eil. Nr.	Mokslo ir studijų 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.	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	T 008 (30)	11.2.	VU (2,33); KTU (0,388)
411.	KTU (0,5455); VU (0,0909)	6472825	Durgaryan, R., Simokaitiene, J., Dabulienė, A., Volyniuk, D., Bezvikonnyi, O., & Jankauskas, V. et al. (2022). N,N-di(4-methoxyphenyl)hydrazones of carbazole and phenothiazine carbaldehydes containing 4-methoxyphenyl groups as hole transporting materials. <i>Synthetic metals</i> , vol. 287, p. 1-7. doi: 10.1016/j.synthmet.2022.117057	T 005 (100)	11.2.	KTU (8,639); VU (1,44)
412.	KTU (0,5); VU (0,5); GTC (0)	6481621	Jaras, J., Navaruckienė, A., Skliutas, E., Jeršovaitė, J., Malinauskas, M., & Ostrauskaitė, J. (2022). Thermo-responsive shape memory vanillin-based photopolymers for microtransfer molding. <i>Polymers</i> , vol. 14(iss. 12), p. 1-17. doi: 10.3390/polym14122460	T 005 (50), T 008 (50)	11.2.	KTU (4,366); VU (4,366); GTC (–)
413.	VILNIUS TECH (1)	6482366	Čižiūnienė, K., Bureika, G., & Matijošius, J. (2022). Modern trends and research in intermodal transportation. In <i>Modern trends and research in intermodal transportation</i> . Cham: Springer. (307- 354). Cham: Springer.	T 003 (40)	11.1.	VILNIUS TECH (13,4)
414.	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	T 008 (50)	11.2.	VU (3,544)

Eil. Nr.	Mokslo ir studijų 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
415.	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	T 008 (50)	11.2.	VU (1,285)
416.	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	T 005 (50)	11.2.	KTU (1,923); VU (1,923)
417.	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	T 008 (50)	11.2.	VU (5,59)
418.	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	T 008 (50)	11.2.	VU (2,822)
419.	VU (0,4167); VILNIUS TECH (0,0833)	6495737	Rudys, S., Aleksandravičius, J., Aleksiejūnas, R., Konovaltsev, A., Zhu, C., & Greda, L. (2022). Physical layer protection for ADS-B against spoofing and jamming. <i>International journal of critical infrastructure protection</i> , vol. 38, p. 1-10. doi: 10.1016/j.ijcip.2022.100555	T 001 (100)	11.2.	VU (4,701); VILNIUS TECH (0,94)

Eil. Nr.	Mokslo ir studijų 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
420.	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	T 001 (90)	11.2.	VU (4,744); VILNIUS TECH (2,554)
421.	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	T 001 (90)	11.2.	VILNIUS TECH (3,347); VU (2,391)
422.	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	T 008 (50)	11.2.	VU (3,235)
423.	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	T 005 (70)	11.2.	KTU (4,705); VU (2,352)
424.	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	T 005 (20)	11.2.	VU (0,903); KTU (0,226)
425.	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	T 004 (50)	11.2.	KTU (2,062); VU (2,062)

Eil. Nr.	Mokslo ir studijų 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
426.	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	T 008 (50)	11.2.	VU (4,208)
427.	VILNIUS TECH (0,6); VU (0,4)	6497509	Strakšys, A., Kavleiskaja, T., Gruškienė, R., Badokas, K., & Sereikaitė, J. (2022). New beta-carotene-xylan complexes: preparation and characterization. <i>Cellulose</i> , vol. 29(iss. 16), p. 8705-8718. doi: 10.1007/s10570-022-04804-2	T 005 (100)	11.2.	VILNIUS TECH (6,886); VU (4,591)
428.	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	T 008 (50)	11.2.	VU (2,696)
429.	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	T 008 (50)	11.2.	VU (4,758)
430.	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	T 008 (50)	11.2.	VU (3,442)
431.	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	T 008 (20)	11.2.	KTU (0,891); VU (0,297)

Eil. Nr.	Mokslo ir studijų 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
432.	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	T 008 (20)	11.2.	KTU (1,061); VU (0,212)
433.	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.	T 008 (50)	11.00	VU (–)
434.	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.	T 008 (50)	11.00	VU (–)
435.	VU (1)	6527613	Tumkevičius, S., Serevičius, T., Fiodorova, I., Adomėnas, P., Skaisgiris, R., & Juršėnas, S. (2022). <i>European Patent application EP EP22182177.0</i> . European Patent Office.	T 008 (30)	11.00	VU (–)
436.	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	T 008 (50)	11.00	VU (–)
437.	VILNIUS TECH (0,75); VU (0,25)	6530262	Celitan, E., Gruškieienė, R., Kavleiskaja, T., & Sereikaitė, J. (2022). β-Carotene - 2-hydroxypropyl-β-cyclodextrin complexes coated with pectin. <i>Food hydrocolloids</i> , vol. 133, p. 1-10. doi: 10.1016/j.foodhyd.2022.107990	T 005 (100)	11.2.	VILNIUS TECH (11,582); VU (3,861)
438.	VILNIUS TECH (0,6667); VU (0,3333)	6530283	Celitan, E., Žilinskas, A., & Sereikaitė, J. (2022). Screening of some vegetables for the biotransformation of bicyclo[3.3.1] nonane-2,6-diol diacetate. <i>Green chemistry letters and reviews</i> , vol. 15(iss. 1), p. 43-48. doi: 10.1080/17518253.2021.2018505	T 005 (100)	11.2.	VILNIUS TECH (5,784); VU (2,892)

Eil. Nr.	Mokslo ir studijų 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
439.	VILNIUS TECH (0,6667)	6530308	Bazaras, D., Išoraitė, M., & Vaičiūtė, K. (2022). A study of the relationship between marketing and investment in technology development in transport company. <i>Sustainability: The Intersection of Product Quality and Consumer Behavior</i> , vol. 14 (iss. 19), p. 1-17. doi: 10.3390/su141912927			VILNIUS TECH (ks)
440.	KTU (0,8333); VU (0,1667)	6530323	Kalyk, F., Žalga, A., Vasiliauskas, 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	T 008 (50)	11.2.	KTU (2,531); VU (0,506)
441.	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	T 008 (60)	11.2.	VU (4,691)
442.	VILNIUS TECH (0,875)	6533282	Budrionis, A., Plikynas, D., Daniušis, P., & Indriulionis, A. (2022). Smartphone-based computer vision travelling aids for blind and visually impaired individuals: A systematic review. <i>Assistive technology</i> , vol. 34(iss. 2), p. 178-194. doi: 10.1080/10400435. 2020.1743381	T 007 (60)	11.2.	VILNIUS TECH (5,083)
443.	VILNIUS TECH (0,1667)	6533322	Caven, V., Navarro Astor, E., & Urbanavičienė, V. (2022). Gender inequality in an “Equal” environment. <i>Gender, work and organization</i> , vol. 29(iss. 5), p. 1658-1675. doi: 10.1111/gwao. 12715	T 002 (20)	11.2.	VILNIUS TECH (0,62)
444.	LSMU (0,0079); KTU (0,006); VU (0,002)	6533580	Akerlund, C., Holst, A., Stocchetti, N., Steyerberg, E., Menon, D., & Ercole, A. et al. (2022). Clustering identifies endotypes of traumatic brain injury in an intensive care cohort: a CENTER-TBI study. <i>Critical care</i> , vol. 26(iss. 1), p. 1-15. doi: 10.1186/s13054- 022-04079-w	T 010 (40)	11.2.	LSMU (0,549); KTU (0,412); VU (0,137)

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, taškais ⁵
445.	VILNIUS TECH (0,4)	6533694	Dahooie, J., Estiri, M., Janmohammadi, M., Zavadskas, E., & Turskis, Z. (2022). A novel advertising media selection framework for online games in an intuitionistic fuzzy environment. <i>Oeconomia copernicana</i> , vol. 13(iss. 1), p. 109-150. doi: 10.24136/oc.2022.004	T 007 (50)	11.2.	VILNIUS TECH (5,114)
446.	VILNIUS TECH (0,25)	6533922	Dahooie, J., Estiri, M., Zavadskas, E., & Xu, Z. (2022). A novel hybrid fuzzy DEA-fuzzy ARAS method for prioritizing high- performance innovation-oriented human resource practices in high tech SME's. <i>International journal of fuzzy systems</i> , vol. 24 (iss. 2), p. 883-908. doi: 10.1007/s40815-021-01162-2	T 007 (50)	11.2.	VILNIUS TECH (1,673)
447.	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	T 007 (40)	11.2.	VILNIUS TECH (2,124)
448.	VILNIUS TECH (0,2)	6534104	Hasheminasab, H., Zolfani, S., Zavadskas, E., Kharraz, M., & Skare, M. (2022). A circular economy model for fossil fuel sustainable decisions based on MADM techniques. <i>Economic research-Ekonomska istraživanja</i> , vol. 35(iss. 1), p. 564-582. doi: 10.1080/1331677X.2021.1926305	T 006 (40)	11.00	VILNIUS TECH (–)
449.	VILNIUS TECH (0,2)	6534187	Hoseini, S., Zolfani, S., Skačkauskas, P., Fallahpour, A., & Saberi, S. (2022). A combined interval Type-2 Fuzzy MCDM framework for the resilient supplier selection problem. <i>Mathematics: Multi- criteria decision making and data mining</i> , vol. 10(iss. 1), p. 1-24. doi: 10.3390/math10010044	T 003 (90)	11.2.	VILNIUS TECH (6,006)

Eil. Nr.	Mokslo ir studijų 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
450.	KTU (0,3333); VU (0,3125); VUL SK (0,3125)	6534309	Bacevicius, J., Abramikas, Z., Dvinelis, E., Audzijonienė, D., Petrylaite, M., & Marinskiene, J. et al. (2022). High specificity wearable device with photoplethysmography and six-lead electrocardiography for atrial fibrillation detection challenged by frequent premature contractions: DoubleCheck-AF. <i>Frontiers in cardiovascular medicine</i> , vol. 9, p. 1-11. doi: 10.3389/fcvm.2022.869730	T 001 (40), T 010 (10)	11.2.	KTU (1,592); VU (1,493); VUL SK (1,493)
451.	VILNIUS TECH (1)	6534683	Jarašūnienė, A., Čižiūnienė, K., & Petraška, A. (2022). Sustainability promotion by digitalisation to ensure the quality of less-than-truck load shipping. <i>Sustainability: Special issue: Sustainable competitiveness of strategic management, economic and social areas: developed and developing countries</i> , vol. 14 (iss. 19), p. 1-21. doi: 10.3390/su141912878	T 003 (30)	11.2.	VILNIUS TECH (1,949)
452.	VILNIUS TECH (0,875)	6534735	Kaklauskas, A., Abraham, A., Ubartė, I., Kliukas, R., Lukšaitė, V., & Binkytė-Vėlienė, A. et al. (2022). A review of aI cloud and edge sensors, methods, and applications for the recognition of emotional, affective and physiological states. <i>Sensors: Special issue: Emotion intelligence based on smart sensing</i> , vol. 22(iss. 20), p. 1-84. doi: 10.3390/s22207824	T 002 (40), T 007 (20)	11.2.	VILNIUS TECH (6,121)
453.	VILNIUS TECH (1)	6534910	Kaklauskas, A., & Kaklauskienė, L. (2022). Analysis of the impact of success on three dimensions of sustainability in 173 countries. <i>Scientific reports</i> , vol. 12(iss. 1), p. 1-16. doi: 10.1038/s41598-022-19131-6	T 004 (70)	11.2.	VILNIUS TECH (4,531)
454.	VILNIUS TECH (1)	6534938	Kaklauskas, A., Milevičius, V., & Kaklauskienė, L. (2022). Effects of country success on COVID-19 cumulative cases and excess deaths in 169 countries. <i>Ecological indicators</i> , vol. 137, p. 1-30. doi: 10.1016/j.ecolind.2022.108703	T 004 (50)	11.2.	VILNIUS TECH (4,715)

Eil. Nr.	Mokslo ir studijų 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
455.	VILNIUS TECH (0,6)	6534982	Keshavarz-Ghorabae, M., Amiri, M., Zavadskas, E., Turskis, Z., & Antuchevičienė, J. (2022). A fuzzy simultaneous evaluation of criteria and alternatives (F-SECA) for sustainable e-waste scenario management. <i>Sustainability: Electronic Waste Management and Sustainable Development</i> , vol. 14(iss. 6), p. 1- 26. doi: 10.3390/su141610371	T 004 (20), T 007 (60)	11.2.	VILNIUS TECH (5,403)
456.	VILNIUS TECH (0,25)	6535019	Lai, H., Liao, H., Long, Y., & Zavadskas, E. (2022). A hesitant Fermatean fuzzy CoCoSo method for group decision-making and an application to blockchain platform evaluation. <i>International journal of fuzzy systems</i> , vol. 24(iss. 6), p. 2643-2661. doi: 10.1007/s40815-022-01319-7	T 002 (60)	11.2.	VILNIUS TECH (2,008)
457.	VILNIUS TECH (0,4)	6535060	Liao, H., Liu, Z., Banaitis, A., Zavadskas, E., & Zhou, X. (2022). Battery supplier development for new energy vehicles by a probabilistic linguistic UTASTAR method. <i>Transport</i> , vol. 37(iss. 2), p. 121-136. doi: 10.3846/transport.2021.14710	T 003 (40), T 007 (40)	11.2.	VILNIUS TECH (2,376)
458.	VILNIUS TECH (0,25)	6535492	Liao, H., Zhang, Z., Xu, Z., & Banaitis, A. (2022). A heterogeneous regret-theory-based method with Choquet integral to multiattribute reverse auction. <i>IEEE Transactions on Engineering Management</i> , vol. 69(iss. 5), p. 2248-2259. doi: 10.1109/TEM.2020.3004501	T 004 (30), T 007 (40)	11.2.	VILNIUS TECH (2,128)
459.	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	T 007 (50)	11.2.	VILNIUS TECH (2,656)
460.	VILNIUS TECH (0,25)	6535703	Marques, F., Ferreira, F., Zopounidis, C., & Banaitis, A. (2022). A system dynamics-based approach to determinants of family business growth. <i>Annals of operations research</i> , vol. 311(iss. 2), p. 799-819. doi: 10.1007/s10479-020-03524-9	T 007 (50)	11.2.	VILNIUS TECH (2,4)

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, taškai ⁵
461.	VILNIUS TECH (1)	6536277	Peyravi, B., Peleckienė, V., & Vaičiūtė, K. (2022). Research on the impact of motorization rate and technological development on climate change in Lithuania in the context of the European green deal. <i>Sustainability: Special issue: Business, innovation, and economics sustainability</i> , vol. 14(iss. 18), p. 1-17. doi: 10.3390/su141811610	T 003 (40)	11.2.	VILNIUS TECH (2,599)
462.	VILNIUS TECH (0,3333)	6536295	Pishdar, M., Ghasemzadeh, F., & Antuchevičienė, J. (2022). Best– worst method to prioritize indicators effective in making logistics systems more sustainable in fast-moving consumer goods industry in developing countries. <i>Transport</i> , vol. 37(iss. 3), p. 190-200. doi: 10.3846/transport.2022.17449	T 003 (30), T 007 (50)	11.2.	VILNIUS TECH (1,981)
463.	VILNIUS TECH (0,3333)	6536325	Qi, Y., Qin, H., Liu, P., Liu, J., Raslanas, S., & Banaitienė, N. (2022). Macroprudential policy, house price fluctuation and household consumption. <i>Technological and economic development of economy</i> , vol. 28(iss. 3), p. 804-830. doi: 10.3846/tede.2022.16787	T 002 (20)	11.2.	VILNIUS TECH (1,241)
464.	VILNIUS TECH (0,25)	6536370	Rani, P., Mishra, A., Deveci, M., & Antuchevičienė, J. (2022). New complex proportional assessment approach using Einstein aggregation operators and improved score function for interval- valued Fermatean fuzzy sets. <i>Computers & industrial engineering</i> , vol. 169, p. 1-20. doi: 10.1016/j.cie.2022.108165	T 002 (20), T 007 (60)	11.2.	VILNIUS TECH (5,215)
465.	VILNIUS TECH (0,4)	6536929	Rocha, R., Ferreira, F., Milici, A., Banaitienė, N., & Banaitis, A. (2022). Enhancing innovation culture: The case of multinational advertising agency VMLY&R Lisboa. <i>Technological and economic development of economy</i> , vol. 28(iss. 5), p. 1476-1501. doi: 10.3846/tede.2022.17311	T 007 (10)	11.2.	VILNIUS TECH (0,912)

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, taškai ⁵
466.	VILNIUS TECH (0,3333)	6537072	Salimian, S., Mousavi, S., & Antuchevičienė, J. (2022). An interval-valued Intuitionistic fuzzy model based on extended VIKOR and MARCOS for sustainable supplier selection in organ transplantation networks for healthcare devices. <i>Sustainability: Special issue: Application of multi-criteria decision analysis in sustainable development, vol. 14</i> (iss. 7), p. 1-21. doi: 10.3390/su14073795	T 007 (80)	11.2.	VILNIUS TECH (2,451)
467.	LSMU (0,0078); KTU (0,0058); VU (0,0019)	6537144	Bockhop, F., Zeldovich, M., Cunitz, K., Van Praag, D., van der Vlegel, M., & Beissbarth, T. et al. (2022). Measurement invariance of six language versions of the post-traumatic stress disorder checklist for DSM-5 in civilians after traumatic brain injury. <i>Scientific reports, vol. 12</i> (iss. 1), p. 1-15. doi: 10.1038/s41598-022-20170-2	T 010 (40)	11.2.	LSMU (0,21); KTU (0,158); VU (0,053)
468.	LSMU (0,0078); KTU (0,0059); VU (0,002)	6537166	Boehm, J., Schaebe, V., Schaefer, N., Gueting, H., Lefering, R., & Thorn, S. et al. (2022). Extended coagulation profiling in isolated traumatic brain injury: a CENTER-TBI analysis. <i>Neurocritical care, vol. 36</i> (iss. 3), p. 927-941. doi: 10.1007/s12028-021-01400-3	T 010 (40)	11.2.	LSMU (0,258); KTU (0,194); VU (0,065)
469.	VILNIUS TECH (0,1667)	6537755	Sindhwani, R., Afridi, S., Kumar, A., Banaitis, A., Luthra, S., & Singh, P. (2022). Can industry 5.0 revolutionize the wave of resilience and social value creation? A multi-criteria framework to analyze enablers. <i>Technology in society, vol. 68</i> , p. 1-16. doi: 10.1016/j.techsoc.2022.101887	T 002 (20), T 007 (20)	11.2.	VILNIUS TECH (3,054)
470.	VILNIUS TECH (1)	6537779	Slavinskaitė, N., & Batarlienė, N. (2022). Investigation of safety conditions in the transport of dangerous goods by railway. <i>Transport, vol. 37</i> (iss. 1), p. 64-72. doi: 10.3846/transport. 2022.16985	T 003 (50)	11.2.	VILNIUS TECH (2,144)

Eil. Nr.	Mokslo ir studijų 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
471.	VILNIUS TECH (1)	6537863	Vaičiūtė, K., Katinienė, A., & Bureika, G. (2022). The synergy between technological development and logistic cooperation of road transport companies. <i>Sustainability: Special issue: Business performance and socio-environmental sustainability</i> , vol. 14(iss. 21), p. [1-21]. doi: 10.3390/su142114561	T 003 (80)	11.2.	VILNIUS TECH (5,199)
472.	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	T 004 (50)	11.2.	LKA (2,437); VILNIUS TECH (0,812)
473.	VILNIUS TECH (0,2)	6537928	Vaz, A., Ferreira, F., Pereira, L., Correia, R., & Banaitis, A. (2022). Strategic visualization: the (real) usefulness of cognitive mapping in smart city conceptualization. <i>Management decision</i> , vol. 60 (iss. 4), p. 916-939. doi: 10.1108/MD-11-2020-1512	T 002 (40), T 007 (30)	11.2.	VILNIUS TECH (2,038)
474.	VILNIUS TECH (0,2)	6538150	Vieira, F., Ferreira, F., Govindan, K., Ferreira, N., & Banaitis, A. (2022). Measuring urban digitalization using cognitive mapping and the best worst method (BWM). <i>Technology in society</i> , vol. 71, p. 1-12. doi: 10.1016/j.techsoc.2022.102131	T 002 (10), T 007 (20)	11.2.	VILNIUS TECH (3,367)
475.	VILNIUS TECH (0,5)	6538256	Wu, X., Liao, H., Zavadskas, E., & Antuchevičienė, J. (2022). A probabilistic linguistic VIKOR method to solve MCDM problems with inconsistent criteria for different alternatives. <i>Technological and economic development of economy</i> , vol. 28(iss. 2), p. 559- 580. doi: 10.3846/tede.2022.16634	T 002 (30), T 007 (40)	11.2.	VILNIUS TECH (6,515)
476.	VILNIUS TECH (0,5)	6538319	Zavadskas, E., Stanujkic, D., Turskis, Z., & Karabasevic, D. (2022). An intuitionistic extension of the simple WISP method. <i>Entropy</i> , vol. 24(iss. 2), p. 1-11. doi: 10.3390/e24020218	T 002 (50)	11.2.	VILNIUS TECH (2,912)

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
477.	VILNIUS TECH (1)	6538442	Zemlickienė, V., Lapinskaitė, I., & Turskis, Z. (2022). Internal communication in R&D: Decision-making methods based on expert approaches. <i>Sustainability: Contemporary Advances in Industry 4.0 Technologies and Theories for Manufacturing Sustainability</i> , vol.14(iss.19), p. 1-13. doi: 10.3390/su141911839	T 007 (40)	11.2.	VILNIUS TECH (2,599)
478.	VILNIUS TECH (1)	6538488	Zemlickienė, V., & Turskis, Z. (2022). Determination of importance of key decision points in the technology commercialization process: Attitude of the US and German experts. <i>Sustainability</i> , vol. 14(iss. 23), p. 1-13. doi: 10.3390/su142315847	T 002 (50)	11.2.	VILNIUS TECH (3,249)
479.	VILNIUS TECH (1)	6538535	Zemlickienė, V., & Turskis, Z. (2022). Performance measurement in R&D projects: Relevance of indicators based on US and German experts. <i>Sustainability: Innovation in SMEs and Sustainable Development: The Current Situation and the Way Forward</i> , vol. 14(iss. 18), p. 1-15. doi: 10.3390/su141811737	T 007 (50)	11.2.	VILNIUS TECH (3,249)
480.	VILNIUS TECH (1)	6538550	Zemlickienė, V., & Turskis, Z. (2022). Technology development decision-making points and differences in identifying commercial opportunities for mechatronics, laser, and nanoelectronic technologies. <i>Sustainability: Contemporary Advances in Industry 4.0 Technologies and Theories for Manufacturing Sustainability</i> , vol. 14(iss. 12), p. 1-22. doi: 10.3390/su14127385	T 007 (30)	11.2.	VILNIUS TECH (1,949)
481.	KTU (0,0079); LSMU (0,0079); VU (0,002)	6538669	Ceyisakar, I., Huijben, J., Maas, A., Lingsma, H., van Leeuwen, N., & Ragauskas, A. et al. (2022). Can we cluster ICU treatment strategies for traumatic brain injury by hospital treatment preferences? <i>Neurocritical care</i> , vol. 36(iss. 3), p. 846-856. doi: 10.1007/s12028-021-01386-y	T 010 (40)	11.2.	KTU (0,247); LSMU (0,247); VU (0,062)
482.	VU (0,0833)	6539079	Damiati, L., El-Yaagoubi, M., Damiati, S., Kodžius, R., Sefat, F., & Damiati, S. (2022). Role of polymers in microfluidic devices. <i>Polymers</i> , vol. 14(no. 23), p. [1-19]. doi: 10.3390/polym14235132	T 008 (10)	11.2.	VU (0,192)

Eil. Nr.	Mokslo ir studijų 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
483.	LSMU (0,0408); KTU (0,0306); VU (0,0102)	6539502	Dimitri, G., Beqiri, E., Placek, M., Czosnyka, M., Stocchetti, N., & Ercole, A. et al. (2022). Modeling brain–heart crosstalk information in patients with traumatic brain injury. <i>Neurocritical care</i> , vol. 36(iss. 3), p. 738-750. doi: 10.1007/s12028-021-01353- 7	T 010 (40)	11.2.	LSMU (0,68); KTU (0,51); VU (0,17)
484.	VILNIUS TECH (0,3333)	6540042	Soon, A., Heidari, A., Khalilzadeh, M., Antuchevičienė, J., Zavadskas, E., & Zahedi, F. (2022). Multi-objective sustainable closed-loop supply chain network design considering multiple products with different quality levels. <i>Systems: Decision-Making Process and Its Application to Business Analytic</i> , vol. 10(iss. 4), p. 1-29. doi: 10.3390/systems10040094	T 002 (30), T 007 (40)	11.2.	VILNIUS TECH (3,357)
485.	KTU (0,0057); VU (0,0019)	6542926	Howe, E., Zeldovich, M., Andelic, N., von Steinbuechel, N., Fure, S., & Borgen, I. et al. (2022). Rehabilitation and outcomes after complicated vs uncomplicated mild TBI: results from the CENTER- TBI study. <i>BMC health services research</i> , vol. 22, p. 1-16. doi: 10.1186/s12913-022-08908-0	T 010 (40)	11.2.	KTU (0,176); VU (0,059)
486.	VU (0,8333)	6543551	Judickas, Š., Stasiūnaitis, R., Žučenka, A., Žvirblis, T., Šerpytis, M., & Šipylaitė, J. (2022). Survival of critically ill older patients with haematological malignancies. <i>International journal of gerontology</i> , vol. 16(iss. 2), p. 128-132. doi: 10.6890/IJGE.202204_16(2).0010	T 009 (10)	11.00	VU (–)
487.	LSMU (0,0063); KTU (0,0047); VU (0,0016)	6543806	Kals, M., Kunzmann, K., Parodi, L., Radmanesh, F., Wilson, L., & Izzy, S. et al. (2022). A genome-wide association study of outcome from traumatic brain injury. <i>eBioMedicine</i> , vol. 77, p. 1- 12. doi: 10.1016/j.ebiom.2022.103933	T 010 (40)	11.2.	LSMU (0,461); KTU (0,346); VU (0,115)

Eil. Nr.	Mokslo ir studijų 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.	LEI (1)	6550626	Akstinas, V., Šarauskienė, D., Kriaučiūnienė, J., Nazarenko, S., & Jakimavičius, D. (2022). Spatial and Temporal Changes in Hydrological Regionalization of Lowland Rivers. <i>International Journal of Environmental Research</i> , vol. 16(iss. 1), p. 3-11. doi: 10.1007/s41742-021-00380-8	T 004 (100)	11.2.	LEI (5,446)
489.	LEI (1)	6550650	Nazarenko, S., Kriaučiūnienė, J., Šarauskienė, D., & Jakimavičius, D. (2022). Patterns of Past and Future Droughts in Permanent Lowland Rivers. <i>Water</i> , vol. 14, p. 1-33.	T 004 (100)	11.2.	LEI (6,139)
490.	LEI (1)	6550662	Nazarenko, S., Meilutytė-Lukauskienė, D., Šarauskienė, D., & Kriaučiūnienė, J. (2022). Spatial and Temporal Patterns of Low- Flow Changes in Lowland Rivers. <i>Water</i> , vol. 14(iss. 5), p. 1-19. doi: 10.3390/w14050801	T 004 (100)	11.2.	LEI (6,139)
491.	LEI (0,1429)	6550674	Blauhut, V., Stoelzle, M., Ahopelto, L., Brunner, M., Teutschbein, C., & Wendt, D. et al. (2022). Lessons from the 2018–2019 European droughts: a collective need for unifying drought risk management. <i>Natural Hazards Earth System Sciences</i> , vol. 22, p. 2201-2217. doi: 10.5194/nhess-22-2201-2022-supplement	T 004 (100)	11.2.	LEI (3,769)
492.	LEI (0,2857)	6550689	Larsson, R., Belinskij, A., Kløve, B., Meilutyte-Lukauskiene, D., Lode, E., & Skarbøvik, E. et al. (2022). Coordination of water policies for quality and quantity: experiences from Nordic and Baltic countries. <i>Hydrology Research</i> , vol. 53(no. 9), p. 1166- 1185. doi: 10.2166/nh.2022.028	T 004 (100)	11.2.	LEI (4,022)
493.	LEI (1)	6550704	Cicėnas, P., & Radziukynas, V. (2022). Developed Transfer Function Allows Hydro Generators to Enter the Full Range of Ancillary Services Market. <i>Energies</i> , vol. 15(iss. 2), p. 1-16. doi: 10.3390/en15020397	T 006 (100)	11.2.	LEI (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
494.	VU (0,8); VILNIUS TECH (0,2)	6551905	Navikienė, J., Liubšys, A., Viršilas, E., Žvirblis, T., & Jankauskienė, A. (2022). Impact of medical treatment of hemodynamically significant patent ductus arteriosus on cerebral and renal tissue oxygenation measured by near-infrared spectroscopy in very low-birth-weight infants. <i>Medicina</i> , vol. 58(no. 4), p. [1-9]. doi: 10.3390/medicina58040475	T 009 (20)	11.2.	VU (0,748); VILNIUS TECH (0,187)
495.	VU (0,3333); LSMU (0,1667); VILNIUS TECH (0,1667)	6553227	Puišys, A., Deikuvienė, J., Vindašiūtė-Narbutė, E., Razukevičius, D., Žvirblis, T., & Linkevičius, T. (2022). Connective tissue graft vs porcine collagen matrix after immediate implant placement in esthetic area: A randomized clinical trial. <i>Clinical implant dentistry and related research</i> , vol. 24(iss. 2), p. 141-150. doi: 10.1111/cid.13058	T 009 (20)	11.2.	VU (0,931); LSMU (0,466); VILNIUS TECH (0,466)
496.	LSMU (0,008); KTU (0,006); VU (0,002)	6553500	Retel Helmrich, I., van Klaveren, D., Andelic, N., Lingsma, H., Maas, A., & Menon, D. et al. (2022). Discrepancy between disability and reported well-being after traumatic brain injury. <i>Journal of neurology neurosurgery and psychiatry</i> , vol. 93(iss. 7), p. 785-796. doi: 10.1136/jnnp-2021-326615	T 001 (20), T 010 (30)	11.2.	LSMU (0,962); KTU (0,721); VU (0,24)
497.	LSMU (0,0112); KTU (0,0084); VU (0,0028)	6553527	Rezoagli, E., Petrosino, M., Rebora, P., Menon, D., Mondello, S., & Cooper, D. et al. (2022). High arterial oxygen levels and supplemental oxygen administration in traumatic brain injury: insights from CENTER-TBI and OzENTER-TBI. <i>Intensive care medicine</i> , vol. 48(iss. 12), p. 1709-1725. doi: 10.1007/s00134-022-06884-x	T 010 (40)	11.2.	LSMU (1,531); KTU (1,148); VU (0,383)
498.	LSMU (0,0079); KTU (0,0059); VU (0,002)	6553551	Riemann, L., Alhalabi, O., Unterberg, A., Younsi, A., Ragauskas, A., & Ročka, S. et al. (2022). Concomitant spine trauma in patients with traumatic brain injury: patient characteristics and outcomes. <i>Frontiers in neurology</i> , vol. 13, p. 1-11. doi: 10.3389/fneur.2022.861688	T 010 (40)	11.2.	LSMU (0,244); KTU (0,183); VU (0,061)

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
499.	VU (0,3333); KTU (0,1667)	6554465	Rutkunas, V., Bilius, V., Simonaitis, T., Auskalnis, L., Jurgilevicius, J., & Akulauskas, M. (2022). The effect of different implant impression splinting techniques and time on the dimensional accuracy: an in vitro study. <i>Journal of dentistry</i> , vol. 126, p. 1-8. doi: 10.1016/j.jdent.2022.104267	T 001 (20)	11.2.	VU (1,55); KTU (0,775)
500.	LEI (1)	6555395	Stanelyte, D., Radziukyniene, N., & Radziukynas, V. (2022). Overview of Demand-Response Services: A Review. <i>Energies</i> , 15 (5), p. 1-32. doi: 10.3390/en15051659	T 006 (100)	11.2.	LEI (4,947)
501.	LEI (1)	6555414	Stanelytė, D., & Radziukynas, V. (2022). Analysis of Voltage and Reactive Power Algorithms in Low Voltage Networks. <i>Energies</i> , vol. 15(iss. 5), p. 1-26. doi: 10.3390/en15051843	T 006 (100)	11.2.	LEI (4,947)
502.	LEI (1)	6555431	Cicėnas, P., & Radziukynas, V. (2022). Development and Investigation of a Synthetic Inertia Algorithm. <i>Applied Sciences</i> , vol. 12(iss. 22), p. 1-16. doi: 10.3390/app122211459	T 006 (100)	11.2.	LEI (5,311)
503.	LEI (0,8333); KTU (0,1667)	6555450	Tuckute, S., Varnagiris, S., Urbonavicius, M., Demikyte, E., Bockute, K., & Lelis, M. (2022). Structure and photocatalytic activity of copper and carbon-doped metallic Zn phase-rich ZnO oxide films. <i>Catalysts</i> , vol. 12(iss. 1), p. 1-14. doi: 10.3390/catal12010060	T 006 (100)	11.2.	LEI (4,7); KTU (0,94)
504.	KTU (0,6667); LEI (0,3333)	6555475	Adhikary, S., Rudžionis, Ž., & Tučkutė, S. (2022). Characterization of novel lightweight self-compacting cement composites with incorporated expanded glass, aerogel, zeolite and fly ash. <i>Case studies in construction materials</i> , vol. 16, p. 1-19. doi: 10.1016/j.cscm.2022.e00879	T 002 (70), T 006 (30)	11.2.	KTU (6,439); LEI (3,22)

Eil. Nr.	Mokslo ir studijų 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
505.	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	T 006 (50)	11.2.	KTU (1,239); LEI (1,239)
506.	KTU (0,3333); LSMU (0,3333); LEI (0,1667)	6555573	Morkūnaitė, G., Ožiūnas, R., Čeplauskas, V., Tučkutė, S., Laurikaitienė, J., & Adlienė, D. (2022). Surface morphology changes of bleached dental ceramics. <i>Applied sciences</i> , vol. 12 (iss. 9), p. 1-11. doi: 10.3390/app12094557	T 008 (30)	11.2.	KTU (0,751); LSMU (0,751); LEI (0,376)
507.	KTU (0,6667); LEI (0,3333)	6555601	Adhikary, S., Rudžionis, Ž., & Tučkutė, S. (2022). Characterization of aerogel and EGA-based lightweight cementitious composites incorporating different thickness of graphene platelets. <i>Journal of building engineering</i> , vol. 57, p. 1-14. doi: 10.1016/j.job.2022.104870	T 002 (70), T 006 (30)	11.2.	KTU (7,353); LEI (3,676)
508.	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	T 004 (40)	11.2.	LSMU (1,431); LEI (0,954)
509.	LSMU (0,0078); KTU (0,0058); VU (0,0019)	6559079	Theakstone, A., Brennan, P., Ashton, K., Czeiter, E., Jenkinson, M., & Syed, K. et al. (2022). Vibrational spectroscopy for the triage of traumatic brain injury computed tomography priority and hospital admissions. <i>Journal of neurotrauma</i> , vol. 39(iss. 11-12), p. 773-783. doi: 10.1089/neu.2021.0410	T 001 (20), T 010 (30)	11.2.	LSMU (0,358); KTU (0,269); VU (0,09)
510.	KTU (0,0057); VU (0,0019)	6559111	Thomas, I., Dickens, A., Posti, J., Czeiter, E., Duberg, D., & Sinioja, T. et al. (2022). Serum metabolome associated with severity of acute traumatic brain injury. <i>Nature communications</i> , vol. 13(iss. 1), p. 1-15. doi: 10.1038/s41467-022-30227-5	T 010 (40)	11.2.	KTU (0,433); VU (0,144)

Eil. Nr.	Mokslo ir studijų 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.	LEI (1)	6561084	Jaseliūnaitė, J., & Šeporaitis, M. (2022). Performance optimisation of microchannel pin-fins using 2D CFD. <i>Applied Thermal Engineering</i> , 206, p. 1-10. doi: 10.1016/j.applthermaleng.2022.118040	T 006 (100)	11.2.	LEI (11,231)
512.	LEI (0,001)	6561104	Mailloux, J., Abid, N., Abraham, K., Abreu, P., & Stankūnas, G. (2022). Overview of JET results for optimising ITER operation. <i>Nuclear Fusion</i> , vol. 62(no. 4), p. 1-35.	T 006 (100)	11.2.	LEI (0,307)
513.	LEI (1)	6561117	Stankunas, G., & Tidikas, A. (2022). Application of ADVANTG Code for the SDDR Calculations on IFMIF-DONES Target Assembly and HFTM. <i>IEEE Transactions on Nuclear Science</i> , vol. 69(no. 6), p. 1225-1228. doi: 10.1109/TNS.2022.3174153	T 006 (100)	11.2.	LEI (5,179)
514.	LEI (1)	6561127	Alzbutas, R., & Iešmantas, T. (2022). Stochastic Simulation of Flow Rate and Power Consumption Considering the Uncertainty of Pipeline Cracking Rate and Time-Dependent Topology of a Natural Gas Transmission Network. <i>Energies</i> , vol. 15(iss. 13), p. 1-12. doi: 10.3390/en15134549	T 006 (100)	11.2.	LEI (4,947)
515.	LEI (0,6)	6561137	Breidokaite, S., Eade, T., Berry, T., Stankunas, G., & Tidikas, A. (2022). Activation analysis and evaluation of the radionuclide inventories, decay heat for European DEMO divertor components. <i>Applied Radiation and Isotopes</i> , vol. 187, p. 729-741. doi: 10.1016/j.apradiso.2022.110314	T 006 (100)	11.2.	LEI (4,425)
516.	LEI (1)	6561150	Breidokaite, S., & Stankunas, G. (2022). Neutron Flux in EU DEMO Divertor Cassette Body Using HCPB and WCLL Breeding Blanket Models. <i>Journal of Fusion Energy</i> , vol. 41, p. 1-6. doi: 10.1007/s10894-022-00327-7	T 006 (100)	11.2.	LEI (5,5)

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
517.	LEI (0,1111)	6561160	Fütterer, M., Pabarcus, R., Hübner, S., Pieńkowski, L., Brudek, W., & Darnowski, P. et al. (2022). Nuclear process heat application options: Highlights from the European GEMINI+ project. <i>Nuclear Engineering and Design</i> , vol. 396, p. 1-12. doi: 10.1016/j. nucengdes.2022.111879	T 006 (100)	11.2.	LEI (2,328)
518.	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	T 006 (80)	11.2.	LEI (3,24); KTU (1,62)
519.	LEI (1)	6561190	Ambrutis, A., & Povilaitis, M. (2022). Development of a CFD- Suitable Deep Neural Network Model for Laminar Burning Velocity. <i>Applied Sciences</i> , 12(15), p. 115-133. doi: 10.3390 /app12157460	T 006 (100)	11.2.	LEI (5,311)
520.	LEI (0,001)	6561200	Vega, J., Murari, A., Dormido-Canto, S., Rattá, G., & Stankūnas, G. (2022). Disruption prediction with artificial intelligence techniques in tokamak plasmas. <i>Nature Physics</i> , vol. 18, p. 741- 750. doi: 10.1038/s41567-022-01602-2	T 006 (100)	11.2.	LEI (0,393)
521.	LEI (0,001)	6561213	Mazzi, S., Garcia, J., Zarzoso, D., Kazakov, Y., & Stankūnas, G. (2022). Enhanced performance in fusion plasmas through turbulence suppression by megaelectronvolt ions. <i>Nature Physic</i> , vol. 18, p. 776-782. doi: 10.1038/s41567-022-01626-8	T 006 (100)	11.2.	LEI (0,393)
522.	LEI (1)	6561233	Graževičius, A., Šeporaitis, M., Valinčius, M., & Kaliatka, A. (2022). Numerical investigation of two-component single-phase natural convection and thermal stratification phenomena in a rod bundle with axial heat flux profile. <i>Nuclear Engineering and Technology</i> , vol. 54(iss. 8), p. 3166-3175. doi: 10.1016/j.net. 2022.03.010	T 006 (100)	11.2.	LEI (10,591)

Eil. Nr.	Mokslo ir studijų 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
523.	LEI (0,7); KTU (0,3)	6561244	Pitak, I., Rinkevičius, D., Kalpokaitė-Dičkuvienė, R., Baltušnikas, A., & Denafas, G. (2022). The strategy for conservation non- renewable natural resources through producing and application solid recovery fuel in the cement industry: a case study for Lithuania. <i>Environmental science and pollution research</i> , vol. 29 (iss. 46), p. 69618-69634. doi: 10.1007/s11356-022-20793-y	T 004 (100)	11.2.	LEI (5,772); KTU (2,474)
524.	LEI (0,75)	6561263	Urbonavicius, M., Tuckute, S., Karazhanov, S., & Lelis, M. (2022). Analysis of TiNxOy Films Produced by Physical Vapor Deposition Method. <i>Applied Sciences</i> , vol. 12(iss. 21), p. 1-9. doi: 10.3390/app122110811	T 006 (100)	11.2.	LEI (5,633)
525.	VU (0,8571); VILNIUS TECH (0,0714); VUL SK (0,0714)	6561431	Tulytė, S., Characiejus, D., Matuzevičienė, R., Janiulionienė, A., Radzevičius, M., & Žvirblis, T. et al. (2022). The effects of treatment on peripheral blood immune cell profile in pancreatic ductal adenocarcinoma (PDAC). <i>Anticancer research</i> , vol. 42(iss. 6), p. 3067-3073. doi: 10.21873/anticancer.15794	T 009 (30)	11.2.	VU (1,146); VILNIUS TECH (0,095); VUL SK (0,095)
526.	LSMU (0,0079); KTU (0,0059); VU (0,002)	6562497	van der Vlegel, M., Mikolić, A., Hee, Q., Kaplan, Z., Helmrich, I., & van Veen, E. et al. (2022). Health care utilization and outcomes in older adults after traumatic brain injury: A CENTER-TBI study. <i>Injury</i> , vol. 53(iss. 8), p. 2774-2782. doi: 10.1016/j.injury.2022.05.009	T 010 (40)	11.2.	LSMU (0,257); KTU (0,193); VU (0,064)
527.	LSMU (0,0078); KTU (0,0059); VU (0,002)	6562554	van Essen, T., Lingsma, H., Pisciă, D., Singh, R., Volovici, V., & den Boogert, H. et al. (2022). Surgery versus conservative treatment for traumatic acute subdural haematoma: a prospective, multicentre, observational, comparative effectiveness study. <i>Lancet neurology</i> , vol. 21(iss. 7), p. 620-631. doi: 10.1016/S1474-4422(22)00166-1	T 010 (40)	11.2.	LSMU (2,661); KTU (1,996); VU (0,665)

Eil. Nr.	Mokslo ir studijų 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.	KTU (0,0093); VU (0,0031)	6563076	Volovici, V., Pisica, D., Gravestijn, B., Dirven, C., Steyerberg, E., & Ercole, A. et al. (2022). Comparative effectiveness of intracranial hypertension management guided by ventricular versus intraparenchymal pressure monitoring: a CENTER-TBI study. <i>Acta neurochirurgica</i> , vol. 164(iss. 7), p. 1693-1705. doi: 10.1007/s00701-022-05257-z	T 010 (40)	11.2.	KTU (0,218); VU (0,073)
529.	KTU (0,006); VU (0,002)	6563107	Wilson, L., Horton, L., Polinder, S., Newcombe, V., von Steinbuechel, N., & Maas, A. et al. (2022). Tailoring multi- dimensional outcomes to level of functional recovery after traumatic brain injury. <i>Journal of neurotrauma</i> , vol. 39(no. 19- 20), p. 1363-1381. doi: 10.1089/neu.2022.0013	T 010 (40)	11.2.	KTU (0,217); VU (0,072)
530.	VILNIUS TECH (0,5); VU (0,25); VUL SK (0,125)	6563292	Žižienė, J., Daunoravičienė, K., Juškėnienė, G., & Pauk, J. (2022). An effect of spinal and ankle-foot orthoses on gait of spastic diplegic child: A case report. <i>Technology and health care: Selected Papers From the 13th International Conference BIOMDLORE 2021</i> , vol. 30(iss. 1), p. 271-281. doi: 10.3233/THC-219009	T 009 (60)	11.2.	VILNIUS TECH (1,904); VU (0,952); VUL SK (–)
531.	VILNIUS TECH (0,5); VU (0,5)	6563308	Žižienė, J., Daunoravičienė, K., Juškėnienė, G., & Raistenskis, J. (2022). Comparison of kinematic parameters of children gait obtained by inverse and direct models. <i>Plos one</i> , vol. 17(iss. 6), p. 1-16. doi: 10.1371/journal.pone.0270423	T 009 (60)	11.2.	VILNIUS TECH (1,679); VU (1,679)
532.	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	T 006 (50)	11.2.	KTU (1,79); LEI (1,79)
533.	KTU (0,75); VU (0,25)	6564135	Marozas, V., Petrenas, A., Solosenko, A., Daukantas, S., Simaityte, M., & Rapalis, A. et al. (2022). <i>U. S. Patent application US US 2022015683 A1</i> . U. S. Patent and Trademark Office.	T 001 (70)	11.3.	KTU (5,25); VU (1,75)

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
534.	VU (0,0769)	6565120	Citerio, G., Robba, C., Rebora, P., Petrosino, M., Rossi, E., & Malgeri, L. et al. (2021). Management of arterial partial pressure of carbon dioxide in the first week after traumatic brain injury: results from the CENTER-TBI study. <i>Intensive care medicine</i> , vol. 47(iss. 9), p. 961-973. doi: 10.1007/s00134-021-06470-7	T 010 (40)	11.00	VU (–)
535.	VU (0,0556)	6565302	Gravesteijn, B., Sewalt, C., Venema, E., Nieboer, D., Steyerberg, E., & Ragauskas, A. et al. (2021). Missing data in prediction research: a five-step approach for multiple imputation, illustrated in the CENTER-TBI study. <i>Journal of neurotrauma</i> , vol. 38(iss. 13), p. 1842-1857. doi: 10.1089/neu.2020.7218	T 010 (40)	11.00	VU (–)
536.	VU (0,0022)	6565370	Horton, L., Rhodes, J., Menon, D., Maas, A., Wilson, L., & Ragauskas, A. et al. (2021). Questionnaires vs interviews for the assessment of global functional outcomes after traumatic brain injury. <i>JAMA network open</i> , vol. 4(iss. 11), p. 1-15. doi: 10.1001/jamanetworkopen.2021.34121	T 010 (40)	11.2.	VU (0,127)
537.	VU (0,125)	6565388	Kaklauskas, A., Bardauskienė, D., Čerkauskienė, R., Ubartė, I., Raslanas, S., & Radvilė, E. et al. (2021). Emotions analysis in public spaces for urban planning. <i>Land use policy</i> , vol. 107, p. 1- 28. doi: 10.1016/j.landusepol.2021.105458	T 002 (40), T 004 (20)	11.2.	VU (1,246)
538.	VU (0,0313)	6565562	Lecky, F., Otesile, O., Marincowitz, C., Majdan, M., Nieboer, D., & Lingsma, H. et al. (2021). The burden of traumatic brain injury from low-energy falls among patients from 18 countries in the CENTER-TBI Registry: A comparative cohort study. <i>PLoS Medicine</i> , vol. 18(iss. 9), p. 1-22. doi: 10.1371/journal.pmed.1003761	T 010 (40)	11.2.	VU (0,854)

Eil. Nr.	Mokslo ir studijų 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
539.	VU (0,0455)	6565646	Mikolic, A., Groeniger, J., Zeldovich, M., Wilson, L., Van Lennep, J., & Van Klaveren, D. et al. (2021). Explaining outcome differences between men and women following mild traumatic brain injury. <i>Journal of neurotrauma</i> , vol. 38(iss. 23), p. 3315-3331. doi: 10.1089/neu.2021.0116	T 010 (40)	11.2.	VU (0,378)
540.	VU (0,05)	6565748	Riemann, L., Voormolen, D., Rau, K., Zweckberger, K., Unterberg, A., & Younsi, A. et al. (2021). Persistent postconcussive symptoms in children and adolescents with mild traumatic brain injury receiving initial head computed tomography. <i>Journal of neurosurgery: Pediatrics</i> , vol. 27(iss. 5), p. 538-547. doi: 10.3171/2020.9.PEDS20421	T 010 (40)	11.00	VU (–)
541.	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.	T 008 (30)	11.2.	VU (3,166)
542.	VU (0,0357)	6565844	van Veen, E., van der Jagt, M., Citerio, G., Stocchetti, N., Gommers, D., & Burdorf, A. et al. (2021). Occurrence and timing of withdrawal of life-sustaining measures in traumatic brain injury patients: a CENTER-TBI study. <i>Intensive care medicine</i> , vol. 47(iss. 10), p. 1115-1129. doi: 10.1007/s00134-021-06484-1	T 010 (40)	11.00	VU (–)
543.	VU (0,0278)	6565872	Wiegers, E., Lingsma, H., Huijben, J., Cooper, D., Citerio, G., & Frisvold, S. et al. (2021). Fluid balance and outcome in critically ill patients with traumatic brain injury (CENTER-TBI and OzENTER-TBI): a prospective, multicentre, comparative effectiveness study. <i>Lancet neurology</i> , vol. 20(iss. 8), p. 627-638. doi: 10.1016/S1474-4422(21)00162-9	T 010 (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
544.	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	T 007 (50)	11.2.	VU (2,344)
545.	KTU (0,8571); VU (0,1429)	6566081	Zadeike, D., Gaizauskaite, Z., Svazas, M., Gruzauskas, R., Gruzauskas, V., & Damasius, J. et al. (2022). Application of solid- state fermentation for the improving of extruded corn dry-milling by-products and their protein functional properties. <i>Life</i> , vol. 12 (iss. 11), p. 1-18. doi: 10.3390/life12111909	T 005 (100)	11.2.	KTU (5,981); VU (0,997)
546.	VU (0,5)	6566115	Dolgopolas, V., Dagienė, V., Pozdniakov, S., & Liaptsev, A. (2022). Developing computational thinking skills to foster student research: contemporary scientific education through modeling and simulations. In <i>Integrated education and learning / editor Nima Rezaei</i> (Chapter 23, p. 417-443). Cham: Springer International Publishing.	T 007 (100)	11.1.	VU (16,454)
547.	VU (0,0526)	6566152	Rezaei, N., Saghazadeh, A., Abdurrahman, A., Ciasullo, A., Liaptsev, A., & Lighthill, B. et al. (2022). Integrated education and learning 2050. In <i>Integrated education and learning</i> (p. 489-507). Cham: Springer International Publishing.	T 007 (50)	11.1.	VU (2,01)
548.	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	T 007 (30)	11.2.	VU (–); VILNIUS TECH (0,667)
549.	LEI (1)	6566774	Kavaliauskas, Ž., Uscila, R., Kėželis, R., Valinčius, V., Grigaitienė, V., & Gimžauskaitė, D. et al. (2022). Investigations of Working Characteristics of Transferred Arc Plasma Torch Volume Reactor. <i>Applied Sciences</i> , vol. 12(iss. 5), p. 1-13. doi: 10.3390/app12052624	T 006 (100)	11.2.	LEI (5,311)

Eil. Nr.	Mokslo ir studijų 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
550.	KTU (0,3571); LEI (0,2857)	6566789	Ramanauskas, R., Iljinas, 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	T 001 (20), T 006 (40)	11.2.	KTU (1,302); LEI (1,041)
551.	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	T 006 (80)	11.2.	LEI (4,455); KTU (0,405)
552.	LEI (1)	6566824	Ragaišis, V., Kaliačka, T., Poška, P., Kaliačka, A., Šmaižys, A., & Janulionis, R. et al. (2022). A proposed approach for the evaluation of consequences of a large aircraft crash accident at an RBMK type reactor site during decommissioning. <i>Progress in Nuclear Energy</i> , 145, p. 1-15. doi: 10.1016/j.pnucene.2022.104135	T 006 (100)	11.2.	LEI (10,591)
553.	LEI (1)	6566842	Narkuniene, A., Justinavicius, D., Poskas, P., Grigaliuniene, D., & Ragaišis, V. (2022). The Modeling of Laboratory Experiments on Granular MX-80 Bentonite with COMSOL Multiphysics. <i>Minerals</i> , vol. 12(no. 3), p. 1-20. doi: 10.3390/min12030277	T 006 (100)	11.2.	LEI (7,146)
554.	LEI (1)	6566863	Narkuniene, A., Poskas, G., Justinavicius, D., & Kilda, R. (2022). THM Response in the Near Field of an HLW Disposal Tunnel in the Callovo-Oxfordian Clay Host Rock Caused by the Imposed Heat Flux at Different Water Drainage Conditions. <i>Minerals</i> , vol. 12(iss. 10), p. 1-26. doi: 10.3390/min12101187	T 006 (100)	11.2.	LEI (7,146)
555.	LEI (1)	6566875	Tamosiunas, A., Lukosiute, S., Baltusnikas, A., Cesniene, J., Zakarauskas, K., & Striugas, N. (2022). <i>European Patent application EP EP22158823.9</i> . European Patent Office.	T 006 (100)	11.3.	LEI (10)
556.	LEI (1)	6566889	Striugas, N., & Tamošiūnas, A. (2022). <i>European Patent application EP EP22195885.3</i> . European Patent Office.	T 006 (100)	11.3.	LEI (10)

Eil. Nr.	Mokslo ir studijų 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
557.	LEI (0,5); KTU (0,25)	6566898	Yousef, S., Eimontas, J., Striūgas, N., & Abdelnaby, M. (2022). Gasification kinetics of char derived from metallised food packaging plastics waste pyrolysis. <i>Energy</i> , vol. 239(pt. B), p. 1- 14. doi: 10.1016/j.energy.2021.122070	T 006 (70), T 008 (30)	11.2.	LEI (10,059); KTU (5,03)
558.	LEI (0,6); KTU (0,2)	6566917	Yousef, S., Kiminaitė, I., Eimontas, J., Striūgas, N., & Abdelnaby, M. (2022). Catalytic pyrolysis kinetic behaviour of glass fibre- reinforced epoxy resin composites over ZSM-5 zeolite catalyst. <i>Fuel</i> , vol. 315, p. 1- 11. doi: 10.1016/j.fuel.2022.123235	T 006 (80), T 008 (20)	11.2.	LEI (7,852); KTU (2,617)
559.	LEI (0,4444)	6566932	Skvorčinskienė, R., Striūgas, N., Galinis, A., Lekavičius, V., Kurkela, E., & Kurkela, M. et al. (2022). Renewable transport fuel production combined with cogeneration plant operation and waste heat recovery in district heating system. <i>Renewable Energy</i> , 189, p. 952-969. doi: 10.1016/j.renene.2022.02.117	T 006 (70)	11.2.	LEI (6,351)
560.	LEI (0,5); KTU (0,25)	6566953	Yousef, S., Eimontas, J., Striūgas, N., & Abdelnaby, M. (2022). A new strategy for butanol extraction from COVID-19 mask using catalytic pyrolysis process over ZSM-5 zeolite catalyst and its kinetic behavior. <i>Thermochimica acta</i> , vol. 711, p. 1-13. doi: 10.1016/j.tca.2022.179198	T 006 (70), T 008 (30)	11.2.	LEI (4,357); KTU (2,179)
561.	LEI (1)	6566986	Paulauskas, R., Skvorčinskienė, R., Zakarauskas, K., & Striūgas, N. (2022). Combustion performance of low calorific gas enriched by oxygen and ozone. <i>Fuel</i> , 324, p. 1-11. doi: 10.1016/j.fuel. 2022.124761	T 006 (100)	11.2.	LEI (9,254)
562.	LEI (0,5); KTU (0,25)	6566997	Yousef, S., Eimontas, J., Striūgas, N., & Abdelnaby, M. (2022). Effect of aluminum leaching pretreatment on catalytic pyrolysis of metallised food packaging plastics and its linear and nonlinear kinetic behaviour. <i>Science of the total environment</i> , vol. 844, p. 1-13. doi: 10.1016/j.scitotenv.2022.157150	T 006 (70), T 008 (30)	11.2.	LEI (8,877); KTU (4,439)

Eil. Nr.	Mokslo ir studijų 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
563.	LEI (1)	6567021	Lisaukas, A., Kveselis, V., Dzenajavičienė, E., Masaitis, S., & Perednis, E. (2022). Analysis of energy audits results and impacts: case of small and medium enterprises in Lithuania. <i>Energy Efficiency</i> , vol. 15(iss. 7), p. 1-19.	T 006 (100)	11.2.	LEI (5,51)
564.	KTU (0,75); LEI (0,25)	6567051	Atmakuri, A., Palevicius, A., Janusas, G., & Eimontas, J. (2022). Investigation of hemp and flax fiber-reinforced EcoPox matrix biocomposites: morphological, mechanical, and hydrophilic properties. <i>Polymers</i> , vol. 14(iss. 21), p. 1-21. doi: 10.3390/polym14214530	T 006 (20), T 009 (80)	11.2.	KTU (6,548); LEI (2,183)
565.	LEI (1)	6567076	Vilkinis, P., Šereika, J., Pedišius, N., & Zygmantas, G. (2022). Experimental study of flows over triangular riblets in cavity-like geometry. <i>Experimental Thermal and Fluid Science</i> , 134, p. 1-9. doi: 10.1016/j.expthermflusci.2022.110621	T 006 (100)	11.2.	LEI (7,528)
566.	LEI (0,8)	6567088	Džiugys, A., Mahmoudi, A., Misiulis, E., Navakas, R., & Skarbalius, G. (2022). Fractal dependence of the packed bed porosity on the particles size distribution. <i>Chaos, Solitons & Fractals</i> , 159, p. 1-6. doi: 10.1016/j.chaos.2022.112144	T 006 (100)	11.2.	LEI (20,378)
567.	LEI (1)	6567101	Skarbalius, G., Džiugys, A., Misiulis, E., & Navakas, R. (2022). A novel method for convective drying rate estimation in a deep fixed porous material bed. <i>Powder Technology</i> , 404, p. 1-12. doi: 10.1016/j.powtec.2022.117499	T 006 (100)	11.2.	LEI (7,353)
568.	LEI (1)	6567113	Šereika, J., Vilkinis, P., & Pedišius, N. (2022). Analysis of Cavity Corner Geometry Effect on Recirculation Zone Structure. <i>Applied Sciences</i> , vol. 12(iss. 12), p. 1-12. doi: 10.3390/app12126288	T 006 (100)	11.2.	LEI (5,311)
569.	LEI (0,8); LSMU (0,1)	6567124	Stankūnas, M., Džiugys, A., Skarbalius, G., Misiulis, E., & Navakas, R. (2022). Evaluating the potential impact of COVID-19 passports in Lithuania. <i>Journal of Infection</i> , vol. 85(iss. 3), p. 334- 363. doi: 10.1016/j.jinf.2022.05.039	T 006 (10)	11.2.	LEI (3,887); LSMU (0,486)

Eil. Nr.	Mokslo ir studijų 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.	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	T 006 (10), T 009 (20)	11.2.	LEI (3,645)
571.	LEI (0,25)	6567151	Andronic, L., Lelis, M., Enesca, A., & Karazhanov, S. (2022). Photocatalytic activity of defective black-titanium oxide photocatalysts towards pesticide degradation under UV/VIS irradiation. <i>Surfaces and Interfaces</i> , vol. 32, p. 1-12. doi: 10.1016/j.surfin.2022.102123	T 006 (100)	11.2.	LEI (3,891)
572.	LEI (1)	6568602	Kalpokaitė-Dičkuvienė, R., Pitak, I., Baltušnikas, A., Lukošūtė, S., Denafas, G., & Čėsniienė, J. (2022). Cement substitution by sludge-biomass gasification residue: Synergy with silica fume. <i>Construction and Building Materials</i> , vol. 326, p. 1-14. doi: 10.1016/j.conbuildmat.2022.126902	T 008 (100)	11.2.	LEI (11,141)
573.	LEI (0,9); KTU (0,1)	6568621	Pitak, I., Baltušnikas, A., Kalpokaitė-Dičkuvienė, R., Kriūkienė, R., & Denafas, G. (2022). Experimental study effect of bottom ash and temperature of firing on the properties, microstructure and pore size distribution of clay bricks: a Lithuania point of view. <i>Case studies in construction materials</i> , vol. 17, p. 1-17. doi: 10.1016/j.cscm.2022.e01230	T 004 (10), T 006 (90)	11.2.	LEI (8,692); KTU (0,966)
574.	LEI (1)	6568636	Bykov, E., Striūgas, N., & Paulauskas, R. (2022). Emission Spectroscopy of CH ₄ /CO ₂ Mixtures Processed in a Non-Thermal Plasma Augmented Burner. <i>Catalysts</i> , vol. 12(iss. 12), p. 317- 331. doi: 10.3390/catal12121540	T 006 (100)	11.2.	LEI (5,64)
575.	LEI (1)	6568695	Meilutytė-Lukauskienė, D., Akstinas, V., M., V., & Tomkevičienė, A. (2022). Behaviour of the 2010 flood in Lithuania: management and socio-economic risks. <i>Mitigation and Adaptation Strategies for Global Change</i> , 27, p. 1-29. doi: 10.1007/s11027-022-10001-0	T 004 (100)	11.2.	LEI (6,308)

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
576.	LEI (0,375)	6568706	Li, G., Kujawski, W., Tonkonogovas, A., Knozowska, K., Kujawa, J., & Olewnik-Kruszkowska, E. et al. (2022). Evaluation of CO2 separation performance with enhanced features of materials – Pebax® 2533 mixed matrix membranes containing ZIF-8-PEI@[P (3)HIm][Tf2N]. <i>Chemical Engineering Research and Design</i> , vol. 181, p. 195-208. doi: 10.1016/j.cherd.2022.03.023	T 006 (100)	11.2.	LEI (3,19)
577.	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	T 005 (30)	11.2.	VU (0,295)
578.	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	T 005 (50)	11.2.	VU (4,853)
579.	VILNIUS TECH (1)	6570032	Martinaitis, V., Streckienė, G., & Bielskus, J. (2022). <i>Exergy analysis of the air handling unit at variable reference temperature</i> . Cham: Springer Nature.	T 006 (100)	11.1.	VILNIUS TECH (127)
580.	VILNIUS TECH (0,4)	6570046	Stanujkic, D., Zavadskas, E., Karabašević, D., Smarandache, F., & Turskis, Z. (2022). The use of the pivot pairwise relative criteria importance assessment method for determining the weights of criteria. In E. Zavadskas, & Z. Turskis, <i>Collected papers (on physics, artificial intelligence, health issues, decision making, economics, statistics)</i> (p. 577-594). Miami: Global Knowledge.	T 002 (80), T 007 (20)	11.00	VILNIUS TECH (–)

Eil. Nr.	Mokslo ir studijų 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.	GTC (0,875); VILNIUS TECH (0,125)	6570063	Aleknavičius, D., Lukša, J., Strazdaitė Žielienė, Ž., & Servienė, E. (2022). The bacterial microbiota of edible insects <i>Acheta domesticus</i> and <i>Gryllus assimilis</i> revealed by high content analysis. <i>Foods</i> , vol. 11(iss. 8), p. 1-17. doi: 10.3390/foods11081073	T 005 (10)	11.2.	GTC (0,776); VILNIUS TECH (0,111)
582.	VILNIUS TECH (0,3333)	6570165	Al-Refaie, A., Al-Hawadi, A., & Lepkova, N. (2022). Blockchain design with optimal maintenance planning. <i>Buildings: Special issue: Computational approach applications in housing and real estate</i> , vol. 12(iss. 11), p. 1-20. doi: 10.3390/buildings12111902	T 002 (100)	11.2.	VILNIUS TECH (3,47)
583.	VILNIUS TECH (0,5)	6570176	Al-Refaie, A., Lepkova, N., & Çamlıbel, M. (2022). The relationships between the pillars of TPM and TQM and manufacturing performance using structural equation modeling. <i>Sustainability: Analysis on Real-Estate Marketing and Sustainable Civil Engineering</i> , vol. 14(iss. 3), p. 1-17. doi: 10.3390/su14031497	T 002 (100)	11.2.	VILNIUS TECH (5,628)
584.	VILNIUS TECH (0,5)	6570187	Al-Refaie, A., & Lepkova, N. (2022). Impacts of renewable energy policies on CO2 emissions reduction and energy security using system dynamics: The case of small-scale sector in Jordan. <i>Sustainability: Special issue: Architectural, civil, and infrastructure engineering in view of sustainability</i> , vol. 14(iss. 9), p. 1-19. doi: 10.3390/su14095058	T 002 (100)	11.2.	VILNIUS TECH (4,595)
585.	VILNIUS TECH (0,1667)	6570197	Amiri, M., Hashemi-Tabatabaei, M., Ghahremanloo, M., Keshavarz-Ghorabae, M., Zavadskas, E., & Salimi-Zavieh, S. (2022). Evaluating barriers and challenges of circular supply chains using a decision-making model based on rough sets. <i>International journal of environmental science and technology</i> , vol. 19(iss. 8), p. 7275-7296. doi: 10.1007/s13762-021-03899-7	T 002 (60), T 004 (40)	11.2.	VILNIUS TECH (1,78)

Eil. Nr.	Mokslo ir studijų 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.	VILNIUS TECH (0,3333)	6570214	Ansari, R., Khalilzadeh, M., Taherkhani, R., Antuchevičienė, J., Migilinskas, D., & Moradi, S. (2022). Performance prediction of construction projects based on the causes of claims: A system dynamics approach. <i>Sustainability: Special issue: Sustainable construction engineering and management: Enablers of change, Part II, vol. 14</i> (iss. 7), p. 1-19. doi: 10.3390/su14074138	T 002 (100)	11.2.	VILNIUS TECH (3,752)
587.	VILNIUS TECH (1)	6570240	Antonovič, V., Stonys, R., Boris, R., & Malaiškienė, J. (2022). Effect of quartz sand on the properties and alkali resistance of refractory aluminosilicate castables. <i>Construction and building materials, vol. 351</i> , p. 1-11. doi: 10.1016/j.conbuildmat.2022.128978	T 008 (100)	11.2.	VILNIUS TECH (11,141)
588.	VILNIUS TECH (0,5)	6570314	Astrauskas, T., Picó, R., Sánchez-Morcillo, V., & Grubliauskas, R. (2022). Acoustic panels based on recycled paper sludge and lime composites. <i>International journal of environmental science and technology, vol. 19</i> (iss. 3), p. 1593-1600. doi: 10.1007/s13762-021-03209-1	T 004 (100)	11.2.	VILNIUS TECH (3,775)
589.	VILNIUS TECH (1)	6570325	Atliha, V., & Šešok, D. (2022). Image-captioning model compression. <i>Applied sciences, vol. 12</i> (iss. 3), p. 1-14. doi: 10.3390/app12031638	T 007 (50)	11.2.	VILNIUS TECH (2,656)
590.	VILNIUS TECH (1)	6570358	Bačinskas, D., Rumšys, D., & Kaklauskas, G. (2022). Numerical deformation analysis of reinforced lightweight aggregate concrete flexural members. <i>Materials: Advances in Serviceability Analysis of Concrete Structures, vol. 15</i> (iss. 3), p. 1-13. doi: 10.3390/ma15031005	T 002 (100)	11.2.	VILNIUS TECH (5,963)
591.	VILNIUS TECH (0,5)	6570370	Bajkowski, A., Grądzki, R., Gargasas, J., & Bazienė, K. (2022). Tensile stresses in the coating with Interlayer under normal and tangential loading. <i>Materials: Special issue: Analytical and computational methods in material and mechanical engineering, vol. 15</i> (iss. 24), p. 1-9. doi: 10.3390/ma15249020	T 008 (50), T 009 (50)	11.2.	VILNIUS TECH (4,216)

Eil. Nr.	Mokslo ir studijų 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
592.	VILNIUS TECH (0,3333)	6570394	Baltrėnaitė-Gedienė, E., Lomnicki, S., & Guo, C. (2022). Impact of biochar, fertilizers and cultivation type on environmentally persistent free radicals in agricultural soil. <i>Environmental technology & innovation</i> , vol. 28, p. 1-11. doi: 10.1016/j.eti.2022.102755	T 004 (100)	11.2.	VILNIUS TECH (4,609)
593.	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	T 004 (50)	11.2.	VILNIUS TECH (2,936)
594.	VILNIUS TECH (0,75)	6570436	Banevičienė, V., Malaiškienė, J., Boris, R., & Zach, J. (2022). The effect of active additives and coarse aggregate granulometric composition on the properties and durability of pervious concrete. <i>Materials: Concretes and Cement-Based Composites: Additives/Admixtures, Hydration Process and Durability Research</i> , vol. 15(iss. 3), p. 1-16. doi: 10.3390/ma15031035	T 004 (30), T 008 (70)	11.2.	VILNIUS TECH (6,324)
595.	VILNIUS TECH (1)	6570452	Barzdėnas, V., & Vasjanov, A. (2022). A method of optimizing characteristic impedance compensation using cut-outs in high- density PCB designs. <i>Sensors</i> , vol. 22(iss. 3), p. 1-13. doi: 10.3390/s22030964	T 001 (100)	11.2.	VILNIUS TECH (8,244)
596.	VILNIUS TECH (1)	6570498	Baušys, R., Zavadskas, E., & Semėnas, R. (2022). Path selection for the inspection robot by m-generalized q-neutrosophic PROMETHEE approach. <i>Energies: Special Issue Automation and Robotics Application in Energy Systems</i> , vol. 15(iss. 1), p. 1-12. doi: 10.3390/en15010223	T 002 (20), T 007 (80)	11.2.	VILNIUS TECH (4,947)
597.	KTU (0,6667); VILNIUS TECH (0,3333)	6570512	Bazaras, Ž., Lukoševičius, V., & Bazaraitė, E. (2022). Structural materials durability statistical assessment taking into account threshold sensitivity. <i>Metals</i> , vol. 12(iss. 2), p. 1-20. doi: 10.3390/met12020175	T 002 (30), T 003 (70)	11.2.	KTU (3,682); VILNIUS TECH (1,841)

Eil. Nr.	Mokslo ir studijų 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
598.	VILNIUS TECH (1)	6571170	Belevičius, R., Rusakevičius, D., & Valentinavičius, S. (2022). Insights into optimal schemes of radial network arch pedestrian bridge. <i>Advances in civil engineering</i> , vol. 2022, p. 1-12. doi: 10.1155/2022/6951775	T 002 (40), T 007 (60)	11.2.	VILNIUS TECH (4,54)
599.	VILNIUS TECH (0,2); VU (0,2)	6575755	Lakirouhani, A., Bakhshi, M., Zohdi, A., Medzvieckas, J., & Gadeikis, S. (2022). Physical and mechanical properties of sandstones from Southern Zanjan, north-western Iran. <i>Baltica</i> , vol. 35(iss. 1), p. 23-36. doi: 10.5200/baltica	T 002 (50), T 008 (50)	11.2.	VILNIUS TECH (1,144); VU (1,144)
600.	VILNIUS TECH (0,6667); VU (0,3333)	6575774	Metrikaitytė, G., Sužiedelytė Visockienė, J., & Papšys, K. (2022). Digital mapping of land cover changes using the fusion of SAR and MSI satellite data. <i>Land</i> , vol. 11(iss. 7), p. 1-20. doi: 10.3390/land11071023	T 004 (50), T 010 (50)	11.2.	VILNIUS TECH (4,902); VU (2,45)
601.	VILNIUS TECH (0,4)	6575804	Bidel, M., Safari, H., Amoozad Mahdiraji, H., Zavadskas, E., & Antuchevičienė, J. (2022). A framework for project delivery systems via hybrid fuzzy risk analysis: Application and extension in ICT. <i>Mathematics: Special issue: Data driven decision-making under uncertainty (D3U)</i> , vol. 10(iss. 17), p. 1-22. doi: 10.3390/math10173185	T 002 (50), T 007 (50)	11.2.	VILNIUS TECH (10,34)
602.	VILNIUS TECH (0,5)	6577797	Biletsky, O., Kotovskyi, V., Višniakov, N., & Šešok, A. (2022). Investigation of the energy characteristics of a circuit under the charge of a supercapacitor and an equivalent linear capacitor. <i>Applied science</i> , vol. 12(iss. 18), p. 1-11. doi: 10.3390/app12189182	T 008 (50), T 009 (50)	11.2.	VILNIUS TECH (3,756)
603.	VILNIUS TECH (0,7143)	6577812	Biyada, S., Merzouki, M., Dëmčenko, T., Vasiliauskienė, D., Marčiulaitienė, E., & Vasarevičius, S. et al. (2022). The effect of feedstock concentration on the microbial community dynamics during textile waste composting. <i>Frontiers in ecology and evolution</i> , vol. 10, p. 1-9. doi: 10.3389/fevo.2022.813488	T 004 (50), T 005 (50)	11.2.	VILNIUS TECH (7,46)

Eil. Nr.	Mokslo ir studijų 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
604.	VILNIUS TECH (0,5)	6577877	Boris, R., Wilinska, I., Pacewska, B., & Antonovič, V. (2022). Investigations of the influence of nano-admixtures on early hydration and selected properties of calcium aluminate cement paste. <i>Materials</i> , vol. 15(iss. 14), p. 1-20. doi: 10.3390/ma15144958	T 008 (100)	11.2.	VILNIUS TECH (4,216)
605.	VILNIUS TECH (1)	6577889	Bučinskas, V., Dziedzickis, A., Makulavičius, M., Šešok, N., & Morkvėnaitė-Vilkončienė, I. (2022). Towards the efficient way of asphalt regeneration by applying heating and mechanical processing. <i>Coatings: Special issue: Application of cement, concrete and asphalt materials in pavement</i> , vol. 12(iss. 11), p. 1-11. doi: 10.3390/coatings12111785	T 009 (100)	11.2.	VILNIUS TECH (6,075)
606.	VILNIUS TECH (1)	6577903	Bučinskas, V., Dziedzickis, A., Šešok, N., Iljin, I., Šutinys, E., & Šumanas, M. et al. (2022). Automatic quality detection system for structural objects using dynamic output method: Case study Vilnius bridges. <i>Structural health monitoring</i> , vol. 21(iss. 6), p. 2505-2517. doi: 10.1177/14759217211061518	T 009 (100)	11.2.	VILNIUS TECH (13,795)
607.	VILNIUS TECH (1)	6577940	Bučinskas, V., Dziedzickis, A., Šumanas, M., Šutinys, E., Petkevičius, S., & Butkienė, J. et al. (2022). Improving industrial robot positioning accuracy to the microscale using machine learning method. <i>Machines: Special issue: Industrial process improvement by automation and robotics</i> , vol. 10(iss. 10), p. 1- 21. doi: 10.3390/machines10100940	T 009 (100)	11.2.	VILNIUS TECH (6,272)
608.	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	T 007 (30)	11.2.	VILNIUS TECH (3,018)

Eil. Nr.	Mokslo ir studijų 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.	VILNIUS TECH (1)	6578221	Burmakova, A., & Kalibatienė, D. (2022). Applying fuzzy Inference and machine learning methods for prediction with a small dataset: A case study for predicting the consequences of oil spills on a ground environment. <i>Applied sciences: The Special issue: Design, development and application of fuzzy systems</i> , vol. 12(iss. 16), p. 1-20. doi: 10.3390/app12168252	T 007 (100)	11.2.	VILNIUS TECH (5,311)
610.	VILNIUS TECH (0,5)	6578277	Cataldo, I., Banaitis, A., Samadhiya, A., Banaitienė, N., Kumar, A., & Luthra, S. (2022). Sustainable supply chain management in construction: An exploratory review for future research. <i>Journal of civil engineering and management</i> , vol. 28(iss. 7), p. 536-553. doi: 10.3846/jcem.2022.17202	T 002 (100)	11.2.	VILNIUS TECH (8,404)
611.	VU (1)	6578347	Dolgopolas, V., & Dagienė, V. (2021). On the future of computational thinking education: moving beyond the digital agenda, a discourse analysis perspective. <i>Sustainability</i> , vol. 13 (iss. 24), p. 1-21. doi: 10.3390/su132413848	T 007 (100)	11.2.	VU (6,498)
612.	KTU (1)	6578626	Germanaitė, I., Zaleckis, K., & Butleris, R. (2022). SPDIAM: methodology for describing and solving spatial problems in territorial planning. <i>Sustainability</i> , vol. 14(iss. 17), p. 1-23. doi: 10.3390/su141710687	T 007 (70)	11.2.	KTU (4,549)
613.	KTU (0,5)	6578969	Seduikyte, L., Gražulevičiūtė-Vileniškė, I., Salonen, H., Teixeira, J., Madureira, J., & Didžiariekytė, U. (2022). Study on thermal comfort in elderly care centres. <i>Mitigating climate change: proceedings of the mitigating climate change 2021 symposium and industry Summit (MCC2021) / David S.-K. Ting, Ahmad Vassel- Be-Hagh (eds.)</i> , p. 201-220. doi: 10.1007/978-3-030-92148-4	T 002 (50)	11.00	KTU (–)
614.	KTU (0,6667); VILNIUS TECH (0,3333)	6579557	Čeponis, A., Jūrėnas, V., & Mažeika, D. (2022). Development of 5- DOF piezoelectric actuator for planar—angular positioning. <i>Applied science</i> , vol. 12(iss. 3), p. 1-20. doi: 10.3390/app12031033	T 007 (20), T 009 (80)	11.2.	KTU (3,541); VILNIUS TECH (1,77)

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, taškais ⁵
615.	KTU (0,6667); VILNIUS TECH (0,3333)	6579571	Čeponis, A., Jūrėnas, V., & Mažeika, D. (2022). Triangular-shaped 5-DOF piezoelectric robot for optical lens positioning. <i>Applied science</i> , vol. 12(iss. 5), p. 1-20. doi: 10.3390/app12052498	T 007 (20), T 009 (80)	11.2.	KTU (3,541); VILNIUS TECH (1,77)
616.	VILNIUS TECH (0,6); KTU (0,2)	6579586	Čeponis, A., Mažeika, D., Jūrėnas, V., Deltuvienė, D., & Bareikis, R. (2022). Ring-shaped piezoelectric 5-DOF robot for angular- planar motion. <i>Micromachines</i> , vol. 13(iss. 10), p. 1-18. doi: 10.3390/mi13101763	T 001 (50), T 009 (50)	11.2.	VILNIUS TECH (5,42); KTU (1,806)
617.	VILNIUS TECH (1)	6579602	Čeponis, A., Mažeika, D., & Kiliukevičius, A. (2022). Bi-directional piezoelectric multi-modal energy harvester based on saw-tooth cantilever array. <i>Sensors</i> , vol. 22(iss. 8), p. 1-28. doi: 10.3390/s22082880	T 007 (50), T 009 (50)	11.2.	VILNIUS TECH (8,244)
618.	VILNIUS TECH (0,5)	6579616	Černašėjus, O., Škamat, J., Čepukė, Ž., Zhetessova, G., Nikonova, T., & Zharkevich, O. et al. (2022). Oscillating laser post- processing of NiCrCoFeCBSi/WC thermally sprayed coatings. <i>Materials: Section: Thin Films and Interfaces</i> , vol. 15(iss. 22), p. 1-18. doi: 10.3390/ma15228041	T 008 (100)	11.2.	VILNIUS TECH (4,216)
619.	VILNIUS TECH (0,5)	6579633	Cervenka, V., Rimkus, A., Gribniak, V., & Cervenka, J. (2022). Simulation of the crack width in reinforced concrete beams based on concrete fracture. <i>Theoretical and applied fracture mechanics</i> , vol. 121, p. 1-14. doi: 10.1016/j.tafmec.2022.103428	T 002 (80), T 008 (20)	11.2.	VILNIUS TECH (7,741)
620.	VILNIUS TECH (0,1429)	6579657	Chausov, M., Zasimchuk, E., Maruschak, P., Khyzhun, O., Pylypenko, A., & Prentkovskis, O. et al. (2022). Influence of impact-oscillatory loading on fatigue life of aluminium alloy 2024- T351. <i>Iranian journal of science and technology, transactions of mechanical engineering</i> , vol. 46(iss. 4), p. 875-884. doi: 10.1007/s40997-021-00443-3	T 003 (50), T 008 (50)	11.2.	VILNIUS TECH (1,496)

Eil. Nr.	Mokslo ir studijų 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.	VILNIUS TECH (0,125)	6579675	Chen, J., NG, P., Li, B., & Kwan, A. (2022). Concurrent paste replacement and aggregate replacement strategy for producing eco-efficient and low-carbon concrete. <i>Clean technologies and environmental policy</i> , vol. 24(iss. 8), p. 2459-2477. doi: 10.1007/s10098-022-02326-w	T 002 (100)	11.2.	VILNIUS TECH (1,585)
622.	VILNIUS TECH (1)	6579687	Chlebnikovas, A., & Jasevičius, R. (2022). Air pollution with fine particles in closed parking and theoretical studies of the interaction of inhaled particles in respiratory tract. <i>Buildings: Special issue: Advances in the indoor environments and respiratory health</i> , vol. 12(iss. 10), p. 1-19. doi: 10.3390/buildings12101696	T 004 (10), T 009 (90)	11.2.	VILNIUS TECH (7,361)
623.	VILNIUS TECH (1)	6579700	Chlebnikovas, A., & Jasevičius, R. (2022). Investigation of the interaction of particulate matter and its separation from the gas flow in a multi-channel cyclone with recirculation. <i>Granular matter</i> , vol. 24(iss. 4), p. 1-19. doi: 10.1007/s10035-022-01257-z	T 004 (50), T 009 (50)	11.2.	VILNIUS TECH (5,082)
624.	VILNIUS TECH (1)	6579856	Chlebnikovas, A., Paliulis, D., Kilikevičienė, K., & Kilikevičius, A. (2022). Experimental research of gaseous emissions impact on the performance of new-design cylindrical multi-channel cyclone with adjustable half-rings. <i>Sustainability: Special issue: Energy efficiency assessment and resource optimization</i> , vol. 14(iss. 2), p. 1-20. doi: 10.3390/su14020902	T 004 (10), T 009 (90)	11.2.	VILNIUS TECH (6,498)
625.	VILNIUS TECH (0,6667)	6580010	Chlebnikovas, A., Selech, J., Kilikevičius, A., Przystupa, K., Matijošius, J., & Vaišis, V. (2022). Modeling of two-phase flow parameters of a multi-channel cylindrical cyclone. <i>Energies: Computational Fluid Dynamics Modelling of Fluid Flow and Heat and Mass Transfer</i> , vol. 15(iss. 13), p. 1-15. doi: 10.3390/en15134690	T 004 (20), T 009 (80)	11.2.	VILNIUS TECH (6,596)

Eil. Nr.	Mokslo ir studijų 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
626.	VILNIUS TECH (0,5)	6580111	Ciešlicki, R., & Karpenko, M. (2022). An investigation of the impact of pump deformations on circumferential gap height as a factor influencing volumetric efficiency of external gear pumps. <i>Transport</i> , vol. 37(iss. 6), p. 373-382. doi: 10.3846/transport.2022.18331	T 003 (100)	11.2.	VILNIUS TECH (3,032)
627.	VILNIUS TECH (0,25)	6580121	Czech, A., Lewczuk, J., Ustinovičius, L., & Kontrimovičius, R. (2022). Multi-criteria assessment of transport sustainability in chosen European union countries: A dynamic approach. <i>Sustainability</i> , vol. 14(iss. 14), p. 1-22. doi: 10.3390/su14148770	T 002 (100)	11.2.	VILNIUS TECH (2,814)
628.	VILNIUS TECH (0,3333)	6580194	Dahooie, J., Kashan, A., Naeini, Z., Vanaki, A., Zavadskas, E., & Turskis, Z. (2022). A hybrid multi-criteria-decision-making aggregation method and geographic information system for selecting optimal solar power plants in Iran. <i>Energies: Uncertain Decision Making Methods in Energy Policies for Sustainable Development</i> , vol. 15(iss. 8), p. 1-20. doi: 10.3390/en15082801	T 002 (60), T 004 (40)	11.2.	VILNIUS TECH (2,857)
629.	LSMU (0,8333); KTU (0,1667)	6580467	Jarutienė, L., Adomaitienė, V., Steiblienė, V., Juodeikienė, G., Černauskas, D., & Klupšaitė, D. et al. (2022). Specifics of the Emotional Response of Patients Suffering From Major Depressive Disorder to Imagined Basic Tastes of Food :. <i>Frontiers in Psychology</i> , vol. 13, p. 1-12. doi: 10.3389/fpsyg.2022.820684	T 005 (30)	11.2.	LSMU (2,25); KTU (0,45)
630.	BPTI (1)	6581239	Sakalas, M., & Sakalas, P. (2022). A 1.8 GHz to 43 GHz Low Noise Amplifier with 4 dB noise figure in 0.1 um GaAs Technology. <i>2022 IEEE BiCMOS and Compound Semiconductor Integrated Circuits and Technology Symposium (BCICTS)</i> , 22723798, 140-143. doi: 10.1109/BCICTS53451.2022.10051702	T 001 (100)	11.00	BPTI (–)

Eil. Nr.	Mokslo ir studijų 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
631.	BPTI (1)	6581259	Sakalas, M., & Sakalas, P. (2022). Design of TR Module Components for Ultra-Wideband Arrays up to Ka Band and Beyond. <i>2022 IEEE International Symposium on Phased Array Systems & Technology (PAST)</i> , (22414163), 1-4. doi: DOI: 10.1109/PAST49659.2022.9974999	T 001 (100)	11.00	BPTI (–)
632.	BPTI (0,0667)	6581289	Sakalas, M., Heras, M., Cubillo García, Á., Correcher Soriano, J., Le Roy-Naneix, I., & Kemkemian, S. et al. (2022). CROWN Project, towards a European Multifunction AESA system. <i>2022 IEEE International Symposium on Phased Array Systems & Technology (PAST)</i> , (22414153), 1-8. doi: DOI: 10.1109/PAST49659.2022.9975025	T 001 (100)	11.00	BPTI (–)
633.	VU (1)	6581760	Šikšnys, V., Kazlauskienė, M., Kostiuk, G., & Tamulaitis, G. (2021). U. S. Patent application US US20210130799A1. U. S. Patent and Trademark Office.	T 005 (30)	11.3.	VU (3)
634.	VILNIUS TECH (0,25)	6581811	Dalouchei, F., Mousavi, S., Antuchevičienė, J., & Minaei, A. (2022). A bi-objective model for scheduling construction projects using critical chain method and interval-valued fuzzy sets. <i>Buildings: Intelligent Multi-Criteria Decision-Making Methodologies in Building and Construction Management</i> , vol. 12 (iss. 7), p. 1-17. doi: 10.3390/buildings12070904	T 002 (80), T 007 (20)	11.2.	VILNIUS TECH (2,602)
635.	VILNIUS TECH (1)	6581826	Danila, V., Zagorskis, A., & Januševičius, T. (2022). Effects of water content and irrigation of packing materials on the performance of biofilters and biotrickling filters: a review. <i>Processes: Special issue: Recent advances in biofilter process treatment</i> , vol. 10(iss. 7), p. 1-18. doi: 10.3390/pr10071304	T 004 (100)	11.2.	VILNIUS TECH (5,603)
636.	VILNIUS TECH (1)	6581839	Daunoravičienė, K., & Žižienė, J. (2022). Accuracy of ground reaction force and muscle activation prediction in a child-adapted musculoskeletal model. <i>Sensors</i> , vol. 22(iss. 20), p. 1-15. doi: 10.3390/s22207825	T 009 (100)	11.2.	VILNIUS TECH (8,244)

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, taškai ⁵
637.	VILNIUS TECH (0,2)	6581849	Deptula, A., Augustynowicz, A., Stosiak, M., Towarnicki, K., & Karpenko, M. (2022). The concept of using an expert system and multi-valued logic trees to assess the energy consumption of an electric car in selected driving cycles. <i>Energies: Advanced Fluid Power and Mechatronics</i> , vol. 15(iss. 13), p. 1-25. doi: 10.3390/en15134631	T 003 (100)	11.2.	VILNIUS TECH (1,714)
638.	VILNIUS TECH (0,2857)	6581874	Deptuła, A., Stosiak, M., Cieśllicki, R., Karpenko, M., Urbanowicz, K., & Skačkauskas, P. et al. (2022). Application of the methodology of multi-valued logic trees with weighting factors in the optimization of a proportional valve. <i>Axioms: Special issue: 10th Anniversary of Axioms: Logic</i> , vol. 12(iss. 1), p. 1-35. doi: 10.3390/axioms12010008	T 003 (100)	11.2.	VILNIUS TECH (5,143)
639.	VILNIUS TECH (0,25)	6581889	Deveci, M., Simic, V., Karagoz, S., & Antuchevičienė, J. (2022). An interval type-2 fuzzy sets based Delphi approach to evaluate site selection indicators of sustainable vehicle shredding facilities. <i>Applied soft computing</i> , vol. 118, p. 1-16. doi: 10.1016/j.asoc.2022.108465	T 002 (60), T 007 (40)	11.2.	VILNIUS TECH (6,862)
640.	VILNIUS TECH (0,6667)	6581904	Dey, A., Bado, M., & Kaklauskas, G. (2022). Validation of reinforced concrete bond stress-slip models through an analytical strain distribution comparison. <i>Materials and structures</i> , vol. 55 (iss. 10), p. 1-16. doi: 10.1617/s11527-022-02071-y	T 002 (100)	11.2.	VILNIUS TECH (6,311)
641.	VILNIUS TECH (1)	6581915	Dey, A., Valiukas, D., Jakubovskis, R., Sokolov, A., & Kaklauskas, G. (2022). Experimental and numerical investigation of bond-slip behavior of high-strength reinforced concrete at service load. <i>Materials: Special Issue Advances in Serviceability Analysis of Concrete Structures</i> , vol. 15(iss. 1), p. 1-13. doi: 10.3390/ma15010293	T 002 (100)	11.2.	VILNIUS TECH (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, taškais ⁵
642.	VILNIUS TECH (1)	6581928	Dirgėlienė, N., Skuodis, Š., & Vasys, E. (2022). The behaviour of stress variation in sandy soil. <i>Open geosciences</i> , vol. 14(iss. 1), p. 13-23. doi: 10.1515/geo-2020-0336	T 002 (100)	11.2.	VILNIUS TECH (5,256)
643.	VILNIUS TECH (0,75)	6581939	Dudoit, A., Rimša, V., Bogdevičius, M., & Skorupski, J. (2022). Effectiveness of conflict resolution methods in air traffic management. <i>Aerospace</i> , vol. 9(iss. 2), p. 709-726. doi: 10.3390/aerospace9020112	T 003 (70), T 009 (30)	11.2.	VILNIUS TECH (8,556)
644.	VILNIUS TECH (1)	6581981	Dudoit, A., Rimša, V., & Bogdevičius, M. (2022). Stochastic dynamic aircraft system conflict distribution under uncertainties. <i>Entropy</i> , vol. 24(iss. 5), p. 1-16. doi: 10.3390/e24050583	T 003 (60), T 009 (40)	11.2.	VILNIUS TECH (6,725)
645.	VILNIUS TECH (0,25)	6581994	Dutta, J., Barma, P., Mukherjee, A., Kar, S., De, T., & Pamučar, D. et al. (2022). Multi-objective green mixed vehicle routing problem under rough environment. <i>Transport</i> , vol. 37(iss. 1), p. 51-63. doi: 10.3846/transport.2021.14464	T 003 (100)	11.2.	VILNIUS TECH (1,857)
646.	VILNIUS TECH (1)	6582010	Dzedzickis, A., Subačiūtė-Žemaitienė, J., Šutinys, E., Samukaitė-Bubnienė, U., & Bučinskas, V. (2022). Advanced applications of industrial robotics: new trends and possibilities. <i>Applied sciences: Special issue: Trends and challenges in robotic applications</i> , vol. 12(iss. 1), p. 1-25. doi: 10.3390/app12010135	T 009 (100)	11.2.	VILNIUS TECH (5,311)
647.	VILNIUS TECH (1)	6582023	Furmonas, J., Liobe, J., & Barzdėnas, V. (2022). Analytical review of event-based camera depth estimation methods and systems. <i>Sensors</i> , vol. 22(iss. 3), p. 1-26. doi: 10.3390/s22031201	T 001 (100)	11.2.	VILNIUS TECH (8,244)
648.	VILNIUS TECH (1)	6582042	Garnevičius, M., & Gribniak, V. (2022). Developing a hybrid FRP-concrete composite beam. <i>Scientific reports</i> , vol. 12, p. 1-9. doi: 10.1038/s41598-022-20666-x	T 002 (80), T 008 (20)	11.2.	VILNIUS TECH (6,472)

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
649.	VILNIUS TECH (0,3333)	6582074	Gencel, O., Kizinievič, O., Erdogmus, E., Kizinievič, V., Sutcu, M., & Muñoz, P. (2022). Manufacturing of fired bricks derived from wastes: utilization of water treatment sludge and concrete demolition waste. <i>Archives of civil and mechanical engineering</i> , vol. 22(iss. 2), p. 1-16. doi: 10.1007/s43452-022-00396-7	T 002 (20), T 004 (20), T 008 (60)	11.2.	VILNIUS TECH (5,906)
650.	VILNIUS TECH (0,25)	6582093	Gencel, O., Kizinievič, O., Sutcu, M., Erdogmus, E., Muñoz Velasc, P., & Eliche Quesada, D. et al. (2022). Effects of expanded vermiculite on the properties of fired bricks from water treatment sludge. <i>International journal of applied ceramic technology</i> , vol. 19(iss. 3), p. 1214-1226. doi: 10.1111/ijac.13979	T 002 (20), T 004 (30), T 008 (50)	11.2.	VILNIUS TECH (3,638)
651.	VILNIUS TECH (0,1875)	6582122	Gevorkyan, E., Cepova, L., Rucki, M., Nerubatskyi, V., Morozow, D., & Zurowski, W. et al. (2022). Activated sintering of Cr2O3- based composites by hot pressing. <i>Materials: Advances in Fine and Structural Ceramics for High-Tech Applications</i> , vol. 15(iss. 17), p. 1-15. doi: 10.3390/ma15175960	T 009 (100)	11.2.	VILNIUS TECH (2,739)
652.	VILNIUS TECH (0,2)	6582138	Gorski, K., Smigins, R., Matijošius, J., Rimkus, A., & Longwic, R. (2022). Physicochemical properties of diethyl ether—sunflower oil blends and their impact on diesel engine emissions. <i>Energies: Thermal and Combustion Applications</i> , vol. 15(iss. 11), p. 1-18. doi: 10.3390/en15114133	T 003 (100)	11.2.	VILNIUS TECH (1,979)
653.	VILNIUS TECH (1)	6582155	Gražulytė, J., Vaitkus, A., Šernas, O., & Žalimienė, L. (2022). The impact of MSWI bottom ash as aggregate on concrete mechanical performance. <i>International journal of pavement engineering</i> , vol. 23(iss. 9), p. 2903-2911. doi: 10.1080/10298436.2021.1873333	T 002 (100)	11.2.	VILNIUS TECH (7,756)

Eil. Nr.	Mokslo ir studijų 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
654.	VILNIUS TECH (1)	6582167	Gribniak, V., Rimkus, A., Misiūnaitė, I., & Zakaras, T. (2022). Improving local stability of aluminium profile with low-modulus stiffeners: Experimental and numerical web buckling analysis. <i>Thin-Walled Structures</i> , vol. 172, p. 1-11. doi: 10.1016/j.tws.2021.108858	T 002 (80), T 008 (20)	11.2.	VILNIUS TECH (12,375)
655.	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	T 004 (20)	11.2.	LSMU (1,228); KTU (0,307)
656.	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	T 004 (50), T 005 (10)	11.2.	KTU (2,443); LSMU (1,465)
657.	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	T 001 (80)	11.2.	VILNIUS TECH (1,794)
658.	VILNIUS TECH (0,5714)	6582501	Gurauskis, D., Przystupa, K., Kilikevičius, A., Skowron, M., Matijošius, J., & Caban, J. et al. (2022). Development and experimental research of different mechanical designs of an optical linear encoder's reading head. <i>Sensors</i> , vol. 22(iss. 8), p. 1-15. doi: 10.3390/s22082977	T 009 (100)	11.2.	VILNIUS TECH (8,16)
659.	VILNIUS TECH (0,5714)	6582516	Gurauskis, D., Przystupa, K., Kilikevičius, A., Skowron, M., Matijošius, J., & Michałowska, J. et al. (2022). Performance analysis of an experimental linear encoder's reading head under different mounting and dynamic conditions. <i>Energies</i> , vol. 15(iss. 16), p. 1-13. doi: 10.3390/en15166088	T 009 (100)	11.2.	VILNIUS TECH (5,654)

Eil. Nr.	Mokslo ir studijų 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
660.	VILNIUS TECH (0,2)	6582530	Hajiagha, S., Dahooie, J., Kandi, N., Zavadskas, E., & Xu, Z. (2022). Sustainable process selection using a hybrid fuzzy DEMATEL and fuzzy inference system. <i>International journal of fuzzy systems</i> , vol. 24(iss. 2), p. 1232-1249. doi: 10.1007/s40815-021-01221-8	T 002 (60), T 007 (40)	11.2.	VILNIUS TECH (3,456)
661.	VILNIUS TECH (0,2)	6582562	Ivanovic, B., Saha, A., Stevic, Z., Puska, A., & Zavadskas, E. (2022). Selection of truck mixer concrete pump using novel MEREC DNARCOS model. <i>Archives of civil and mechanical engineering</i> , vol. 22(iss. 4), p. 1-21. doi: 10.1007/s43452-022-00491-9	T 002 (80), T 007 (20)	11.2.	VILNIUS TECH (3,544)
662.	VILNIUS TECH (1)	6582579	Jačionis, T., Urbanavičius, V., Katkevičius, A., Abromavičius, V., Serackis, A., & Sledevič, T. et al. (2022). UAV detection using thrust engine electromagnetic spectra. <i>Drones</i> , vol. 6(iss. 10), p. 1-18. doi: 10.3390/drones6100306	T 001 (100)	11.2.	VILNIUS TECH (8,109)
663.	VILNIUS TECH (1)	6582615	Jakubovskis, R., & Boris, R. (2022). The construction of a footbridge prototype with biological self-healing concrete: A field study in a humid continental climate region. <i>Materials: Special issue: Self-healing concrete and cement-based materials</i> , vol. 15 (iss. 23), p. 1-11. doi: 10.3390/ma15238585	T 002 (100)	11.2.	VILNIUS TECH (5,963)
664.	VILNIUS TECH (1)	6582625	Jakubovskis, R., Ivaškė, A., Malaiškienė, J., & Urbonavičius, J. (2022). Impact of portland cement type on bacterial viability in biological concrete. <i>Cement and concrete composites</i> , vol. 127, p. 1-8. doi: 10.1016/j.cemconcomp.2022.104413	T 002 (40), T 005 (20), T 008 (40)	11.2.	VILNIUS TECH (14,495)
665.	VILNIUS TECH (1)	6582660	Jasevičius, R. (2022). Numerical modeling of coronavirus interaction mechanics with a host human cell. <i>Mechanics of advanced materials and structures</i> , vol. 29(iss. 15), p. 2186- 2196. doi: 10.1080/15376494.2020.1853857	T 009 (100)	11.2.	VILNIUS TECH (5,68)

Eil. Nr.	Mokslo ir studijų 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
666.	VILNIUS TECH (1)	6582668	Jasevičius, R. (2022). Numerical modeling of DNA nucleotides binding process mechanics considering oscillations. <i>Mechanics of advanced materials and structures</i> , vol. 29(iss. 25), p. 4373- 4380. doi: 10.1080/15376494.2021.1928347	T 009 (100)	11.2.	VILNIUS TECH (5,68)
667.	VILNIUS TECH (1)	6582677	Jasevičius, R. (2022). Numerical modeling of the mechanics of the interaction of coronavirus with the lung epithelial cell. <i>Mechanics of advanced materials and structures</i> , vol. 29(iss. 21), p. 3030-3039. doi: 10.1080/15376494.2021.1883779	T 009 (100)	11.2.	VILNIUS TECH (5,68)
668.	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	T 009 (60)	11.2.	VILNIUS TECH (3,408)
669.	VILNIUS TECH (1)	6582698	Jasevičius, R. (2022). Numerical modelling of erythrocyte sticking mechanics. <i>Applied sciences: Special issue: New trends in biosciences III</i> , vol. 12(iss. 24), p. 1-11. doi: 10.3390/app122412576	T 009 (100)	11.2.	VILNIUS TECH (5,311)
670.	VILNIUS TECH (1)	6582707	Jasevičius, R. (2022). Numerical simulation of the mechanics of oblique interaction of a bacterium with a flat surface. <i>Mechanics of advanced materials and structures</i> , vol. 29(iss. 20), p. 2884- 2894. doi: 10.1080/15376494.2021.1880676	T 009 (100)	11.2.	VILNIUS TECH (5,68)
671.	VILNIUS TECH (1)	6582791	Jokūbaitis, A., & Valivonis, J. (2022). An analysis of the transfer lengths of different types of prestressed fiber-reinforced polymer reinforcement. <i>Polymers</i> , vol. 14(iss. 19), p. 1-37. doi: 10.3390/polym14193931	T 002 (100)	11.2.	VILNIUS TECH (8,731)

Eil. Nr.	Mokslo ir studijų 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
672.	VILNIUS TECH (1)	6582819	Jukna, A. (2022). Study of energy dissipation in the mixed-state YBa ₂ Cu ₃ O _{7-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	T 008 (50)	11.2.	VILNIUS TECH (2,981)
673.	VILNIUS TECH (0,0555)	6582831	Junaid, M., Rehman, Z., Ijaz, N., Čekon, M., Čurpek, J., & Babeker Elhag, A. (2022). Biobased phase change materials from a perspective of recycling, resources conservation and green buildings. <i>Energy and buildings</i> , vol. 270, p. 1-29. doi: 10.1016/j.enbuild.2022.112280	T 002 (100)	11.2.	VILNIUS TECH (1,508)
674.	VILNIUS TECH (0,1481)	6582845	Junaid, M., Rehman, Z., Kuruc, M., Medved', I., Bačinskas, D., & Čurpek, J. et al. (2022). Lightweight concrete from a perspective of sustainable reuse of waste byproducts. <i>Construction and building materials</i> , vol. 319, p. 1-29. doi: 10.1016/j.conbuildmat. 2021.126061	T 002 (70), T 008 (30)	11.2.	VILNIUS TECH (5,218)
675.	VILNIUS TECH (1)	6582864	Juozevičiūtė, D., & Grigonis, V. (2022). Evaluation of exclusive pedestrian phase safety performance at one-level signalized intersections in Vilnius. <i>Sustainability: Accident Prevention and Risk Management for Safe and Sustainable Transportation</i> , vol. 14(iss. 13), p. 1-11. doi: 10.3390/su14137894	T 002 (30), T 003 (70)	11.2.	VILNIUS TECH (6,498)
676.	VILNIUS TECH (0,75)	6582901	Kairyte, A., Członka, S., Šeputytė-Jucikė, J., & Vėjelis, S. (2022). Impact of sunflower press cake and its modification with liquid glass on polyurethane foam composites: thermal stability, ignitability, and fire resistance. <i>Polymers: Special issue: Recent advances in polyurethane materials</i> , vol. 14(iss. 21), p. 1-20. doi: 10.3390/polym14214543	T 002 (20), T 008 (80)	11.2.	VILNIUS TECH (9,26)

Eil. Nr.	Mokslo ir studijų 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
677.	VILNIUS TECH (0,7)	6582916	Kaklauskas, G., Sokolov, A., Shakeri, A., NG, P., & Barross, J. (2022). Curvature-based analysis of concrete beams reinforced with steel bars and fibres. <i>Structural engineering and mechanics</i> , vol. 81(iss. 3), p. 349-365. doi: 10.12989/sem.2022.81.3.349	T 002 (100)	11.2.	VILNIUS TECH (6,74)
678.	VILNIUS TECH (1)	6582928	Kalibatienė, D., & Burmakova, A. (2022). Fuzzy model for predicting contamination of the geological environment during an accidental oil spill. <i>International journal of fuzzy systems</i> , vol. 24(iss. 1), p. 425-439. doi: 10.1007/s40815-021-01145-3	T 007 (100)	11.2.	VILNIUS TECH (7,728)
679.	VILNIUS TECH (0,5); KTU (0,25)	6582944	Katkevičius, A., Plonis, D., Damaševičius, R., & Maskeliūnas, R. (2022). Trends of microwave devices design based on artificial neural networks: a review. <i>Electronics</i> , vol. 11(iss. 15), p. 1-21. doi: 10.3390/electronics11152360	T 001 (90), T 007 (10)	11.2.	VILNIUS TECH (4,509); KTU (2,254)
680.	VILNIUS TECH (1)	6582958	Karpenko, M., Prentkovskis, O., & Šukevičius, Š. (2022). Research on high-pressure hose with repairing fitting and influence on energy parameter of the hydraulic drive. <i>Eksplotacja i Niezawodność</i> , vol. 24(iss. 1), p. 25-32. doi: 10.17531/ein.2022.1.4	T 003 (100)	11.2.	VILNIUS TECH (6,605)
681.	VILNIUS TECH (1)	6582969	Kazanavičius, J., Mažeika, D., & Kalibatienė, D. (2022). An approach to migrate a monolith database into multi-model polyglot persistence based on microservice architecture: A case study for mainframe database. <i>Applied sciences</i> , vol. 12(iss. 12), p. 1-30. doi: 10.3390/app12126189	T 007 (100)	11.2.	VILNIUS TECH (5,311)
682.	VILNIUS TECH (0,6)	6582984	Keshavarz-Ghorabae, M., Amiri, M., Zavadskas, E., Turskis, Z., & Antuchevičienė, J. (2022). MCDM approaches for evaluating urban and public transportation systems: a short review of recent studies. <i>Transport</i> , vol. 37(iss. 6), p. 411-425. doi: 10.3846/transport.2022.18376	T 002 (40), T 003 (30), T 007 (30)	11.2.	VILNIUS TECH (4,457)

Eil. Nr.	Mokslo ir studijų 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
683.	VILNIUS TECH (1)	6583003	Khrystoslavenko, O., & Grubliauskas, R. (2022). Investigation of acoustic efficiency of wood charcoal in impedance tube for usage in sound-reflective devices. <i>Sustainability: Advances in Sustainable Construction and Building Materials</i> , vol.14(iss. 15), p. 1-11. doi: 10.3390/su14159431	T 004 (100)	11.2.	VILNIUS TECH (6,498)
684.	VILNIUS TECH (1)	6583013	Kizinievič, O., Kizinievič, V., Trambitski, Y., & Voišnienė, V. (2022). Application of paper sludge and clay in manufacture of composite materials: Properties and biological susceptibility. <i>Journal of building engineering</i> , vol. 48, p. 1-14. doi: 10.1016/j.jobbe.2022.104003	T 004 (40), T 005 (10), T 008 (50)	11.2.	VILNIUS TECH (11,028)
685.	VILNIUS TECH (1)	6583030	Kizinievič, O., Voišnienė, V., Kizinievič, V., & Pundienė, I. (2022). Impact of municipal solid waste incineration bottom ash on the properties and frost resistance of clay bricks. <i>Journal of material cycles and waste management</i> , vol. 24(iss. 1), p. 237-249. doi: 10.1007/s10163-021-01314-4	T 004 (30), T 005 (20), T 008 (50)	11.2.	VILNIUS TECH (5,339)
686.	VILNIUS TECH (0,75)	6583048	Kleizienė, R., Panasenkienė, M., Zofka, A., & Vaitkus, A. (2022). Nanobased rejuvenators for polymer-modified bitumen under long-term ageing conditions. <i>Construction and building materials</i> , vol. 341, p. 1-16. doi: 10.1016/j.conbuildmat.2022.127474	T 002 (100)	11.2.	VILNIUS TECH (11,816)
687.	VILNIUS TECH (1)	6583089	Kojis, P., Šabanovič, E., & Skrickij, V. (2022). Deep neural network based data-driven virtual sensor in vehicle semi-active suspension real-time control. <i>Transport</i> , vol. 37(iss. 1), p. 37-50. doi: 10.3846/transport.2022.16919	T 003 (100)	11.2.	VILNIUS TECH (4,288)
688.	VILNIUS TECH (0,5)	6583100	Komasi, H., Hashemkhani Zolfani, S., Prentkovskis, O., & Skačkauskas, P. (2022). Urban competitiveness: Identification and analysis of sustainable key drivers (A Case Study in Iran). <i>Sustainability: Advanced Soft Computing for Smart Practices of Circular Economy in the Era of Covid-19</i> , vol. 14(iss. 13), p. 1-22. doi: 10.3390/su14137844	T 003 (100)	11.2.	VILNIUS TECH (4,595)

Eil. Nr.	Mokslo ir studijų 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
689.	VILNIUS TECH (0,2)	6583112	Konovalenko, I., Maruschak, P., Brezinová, J., Prentkovskis, O., & Brezina, J. (2022). Research of U-Net-based CNN architectures for metal surface defect detection. <i>Machines</i> , vol. 10(iss. 5), p. 1-20. doi: 10.3390/machines10050327	T 003 (60), T 008 (40)	11.2.	VILNIUS TECH (2,173)
690.	VILNIUS TECH (0,2)	6583316	Korucuk, S., Aytekin, A., Ecer, F., Karamaşa, Ç., & Zavadskas, E. (2022). Assessing green approaches and digital marketing strategies for twin transition via fermatean fuzzy SWARA- COPRAS. <i>Axioms: Fuzzy Set Theory and Its Applications in Decision Making</i> , vol. 11(iss. 12), p. 1-25. doi: 10.3390/axioms11120709	T 002 (40), T 004 (30), T 007 (30)	11.2.	VILNIUS TECH (4,024)
691.	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	T 001 (50)	11.2.	VILNIUS TECH (1,17)
692.	VILNIUS TECH (0,1667)	6583370	Krawiec, P., Warguła, Ł., Waluś, K., Gawrońska, E., Ságová, Z., & Matijošius, J. (2022). Efficiency and slippage in draw gears with flat belts. <i>Energies</i> , vol. 15(iss. 23), p. 1-11. doi: 10.3390/en15239184	T 003 (50), T 009 (50)	11.2.	VILNIUS TECH (1,65)
693.	VILNIUS TECH (1)	6583386	Kriptavičius, D., Girskas, G., & Skripkiūnas, G. (2022). Use of natural zeolite and glass powder mixture as partial replacement of portland cement: The effect on hydration, properties and porosity. <i>Materials: Special issue: Concretes and cement-based composites: Additives/Admixtures, hydration process and durability research</i> , vol. 15(iss. 12), p. 1-19. doi: 10.3390/ma15124219	T 008 (100)	11.2.	VILNIUS TECH (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, taškais ⁵
694.	VILNIUS TECH (0,3333)	6583397	Krishankumar, R., Mishra, A., Cavallaro, F., Zavadskas, E., Antuchevičienė, J., & Ravichandran, K. (2022). A new approach to the viable ranking of zero-carbon construction materials with generalized fuzzy information. <i>Sustainability: Sustainability and Energy-Saving in Construction and Building Materials</i> , vol. 14(iss. 13), p. 1-24. doi: 10.3390/su14137691	T 002 (80), T 007 (20)	11.2.	VILNIUS TECH (4,844)
695.	VILNIUS TECH (0,1667)	6583414	Krishankumar, R., Raj Mishra, A., Rani, P., Zavadskas, E., Ravichandran, K., & Kar, S. (2022). A new decision model with integrated approach for healthcare waste treatment technology selection with generalized orthopair fuzzy information. <i>Information sciences</i> , vol. 610, p. 1010-1028. doi: 10.1016/j.ins.2022.08.022	T 002 (30), T 004 (30), T 007 (40)	11.2.	VILNIUS TECH (5,44)
696.	VILNIUS TECH (0,1667)	6583440	Kruszelnicka, W., Opielak, M., Ambrose, K., Pukalskas, S., Tomporowski, A., & Walichnowska, P. (2022). Energy-dependent particle size distribution models for multi-disc mill. <i>Materials: Special issue: Advanced designs of materials, machines and processes in a circular economy</i> , vol. 15(iss. 17), p. 1-24. doi: 10.3390/ma15176067	T 006 (50), T 008 (50)	11.2.	VILNIUS TECH (1,988)
697.	VILNIUS TECH (0,0833)	6583457	Kryshtopa, S., Górski, K., Longwic, R., Smigins, R., Kryshtopa, L., & Matijošius, J. (2022). Using hydrogen reactors to improve the diesel engine performance. <i>Energies: Thermal and Combustion Applications</i> , vol. 15(iss. 9), p. 1-16. doi: 10.3390/en15093024	T 003 (100)	11.2.	VILNIUS TECH (0,922)
698.	VILNIUS TECH (0,1429)	6583471	Krzysiak, Z., Gevorkyan, E., Nerubatskyi, V., Rucki, M., Chyshkala, V., & Caban, J. et al. (2022). Peculiarities of the phase formation during electroconsolidation of Al ₂ O ₃ -SiO ₂ -ZrO ₂ powders mixtures. <i>Materials</i> , vol. 15(iss. 17), p. 1-14. doi: 10.3390/ma15176073	T 009 (100)	11.2.	VILNIUS TECH (2,254)

Eil. Nr.	Mokslo ir studijų 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
699.	VILNIUS TECH (0,2)	6583486	Kumar, R., Goel, P., Zavadskas, E., Stevic, Ž., & Vujovic, V. (2022). A new joint strategy for multi-criteria decision-making: A case study for prioritizing solid-state drive. <i>International journal of computers communications & control</i> , vol. 17(iss. 6), p. 1-17. doi: 10.15837/ijccc.2022.6.5010	T 004 (40), T 007 (60)	11.2.	VILNIUS TECH (2,406)
700.	VILNIUS TECH (0,2)	6583515	Kumar, V., Kalita, K., Chatterjee, P., Zavadskas, E., & Chakraborty, S. (2022). A SWARA-CoCoSo-Based approach for spray painting robot selection. <i>Informatica</i> , vol. 33(iss. 1), p. 35- 54. doi: 10.15388/21-INFOR466	T 002 (30), T 007 (40), T 009 (30)	11.2.	VILNIUS TECH (4,499)
701.	VILNIUS TECH (0,5)	6583544	Lavelli, V., & Sereikaitė, J. (2022). Kinetic study of encapsulated β -carotene degradation in aqueous environments: A review. <i>Foods: Encapsulation and Implementation of Bioactive Compounds in the Production of Functional Food Products</i> , vol. 11(iss. 3), p. 1-18. doi: 10.3390/foods11030317	T 005 (100)	11.2.	VILNIUS TECH (6,271)
702.	VILNIUS TECH (0,5)	6583555	Lavelli, V., & Sereikaitė, J. (2022). Kinetic study of encapsulated β -carotene degradation in dried systems: A review. <i>Foods</i> , vol. 11(iss. 3), p. 1-18. doi: 10.3390/foods11030437	T 005 (100)	11.2.	VILNIUS TECH (6,271)
703.	VILNIUS TECH (1)	6583565	Lenkutis, T., Viržonis, D., Čerškus, A., Dzedzickis, A., Šešok, N., & Bučinskas, V. (2022). An automotive ferrofluidic electromagnetic system for energy harvesting and adaptive damping. <i>Sensors: Sensors and Modern Technologies for Road, Robotic, and Intelligent Vehicle</i> , vol. 22(iss. 3), p. 1-14. doi: 10.3390/s22031195	T 009 (100)	11.2.	VILNIUS TECH (8,244)
704.	VILNIUS TECH (0,3333)	6583589	Lubecki, M., Stosiak, M., Skačkauskas, P., Karpenko, M., Deptuła, A., & Urbanowicz, K. (2022). Development of composite hydraulic actuators: A review. <i>Actuators: Special issue: 10th Anniversary of Actuators</i> , vol. 11(iss. 12), p. 1-15. doi: 10.3390/act11120365	T 003 (100)	11.2.	VILNIUS TECH (4,343)

Eil. Nr.	Mokslo ir studijų 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
705.	VILNIUS TECH (1)	6583624	Lukšys, D., & Griškevičius, J. (2022). Application of nonlinear analysis for the assessment of gait in patients with Parkinson's disease. <i>Technology and health care: Selected Papers From the 13th International Conference BIOMDLORE 2021</i> , vol. 30(iss. 1), p. 201-208. doi: 10.3233/THC-219003	T 009 (100)	11.2.	VILNIUS TECH (4,489)
706.	VILNIUS TECH (0,2)	6583649	Madic, M., Petkovic, G., Petkovic, D., Antuchevičienė, J., & Marinkovic, D. (2022). Application of a robust decision-making rule for comprehensive assessment of laser cutting conditions and performance. <i>Machines: Special issue: Cutting tools: Materials, development and performance</i> , vol. 10(iss. 2), p. 1-19. doi: 10.3390/machines10020153	T 002 (20), T 007 (50), T 009 (30)	11.2.	VILNIUS TECH (2,173)
707.	VILNIUS TECH (1)	6583668	Maknickas, A., Ardatov, O., Bogdevičius, M., & Kačianauskas, R. (2022). Modelling the interaction between a laterally deflected car tyre and a road surface. <i>Applied sciences</i> , vol. 12(iss. 22), p. 1-12. doi: 10.3390/app122211332	T 003 (50), T 009 (50)	11.2.	VILNIUS TECH (5,312)
708.	VILNIUS TECH (1)	6583683	Malaiškienė, J., Antonovič, V., Boris, R., & Stonys, R. (2022). Improving the physical and mechanical properties and alkali resistance of fireclay-based castables by modifying their structure with SiO ₂ sol. <i>Ceramics international</i> , vol. 48(iss. 15), p. 22575-22585. doi: 10.1016/j.ceramint.2022.04.278	T 004 (20), T 008 (80)	11.2.	VILNIUS TECH (10,666)
709.	VILNIUS TECH (0,1667)	6583706	Manko, I., Matijošius, J., Shuba, Y., Rimkus, A., Gutarevych, S., & Slavin, V. (2022). Using mathematical modeling to evaluate the performance of a passenger car when operating on various fuels. <i>Energies: Study on Emission Loads of Bio-Fuel Engine</i> , vol. 15(iss. 17), p. 1-11. doi: 10.3390/en15176343	T 003 (100)	11.2.	VILNIUS TECH (1,649)

Eil. Nr.	Mokslo ir studijų 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
710.	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	T 007 (80)	11.2.	VILNIUS TECH (5,199)
711.	VILNIUS TECH (0,1667)	6583735	Marinković, M., Zavadskas, E., Matić, B., Jovanović, S., Das, D., & Sremac, S. (2022). Application of wasted and recycled materials for production of stabilized layers of road structures. <i>Buildings: Sustainable Supply Chain Management in Construction: Resilience, Flexibility, and Innovation, vol. 12</i> (iss. 5), p. 1-27. doi: 10.3390/buildings12050552	T 002 (100)	11.2.	VILNIUS TECH (2,125)
712.	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., vol. 12</i> (no. 5), p. 1-16. doi: 10.3390/coatings12050610	T 008 (40)	11.2.	KTU (1,519); LSMU (0,911)
713.	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., vol. 10</i> , p. 1-13. doi: 10.3389/fbioe.2022.971294	T 004 (30), T 005 (10)	11.2.	LSMU (1,76); KTU (1,257)
714.	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., vol. 23</i> (no. 14), p. 1-19. doi: 10.3390/ijms23147688	T 005 (10)	11.2.	KTU (0,987); LSMU (0,084)

Eil. Nr.	Mokslo ir studijų 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
715.	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	T 008 (60)	11.2.	KTU (4,415); LSMU (1,472)
716.	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	T 005 (20)	11.2.	KTU (1,444); LSMU (0,361)
717.	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	T 001 (50)	11.2.	LSMU (1,124); VILNIUS TECH (1,124)
718.	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	T 005 (50)	11.2.	KTU (3,175); LSMU (3,175)
719.	LKA (0,3333); MRU (0,3333)	6585606	Dobržinskij, N., Furch, J., & Dobržinskienė, R. (2022). Evaluation of Military Logistics Vehicles in Public Procurement. <i>Advances in Military Technology</i> , Vol. 17(Iss. 2), pp. 263-279. doi: 10.3849/aimt.01737	T 003 (50)	11.00	LKA (–); MRU (–)

Eil. Nr.	Mokslo ir studijų 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
720.	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.	T 004 (40)	11.00	LKA (–)
721.	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.	T 004 (40)	11.00	LKA (–)
722.	KTU (0,6667); LSMU (0,3333)	6590331	Guduru, R., Domeika, A., & Domeikienė, A. (2022). Effect of Rounded and Hunched Shoulder Postures on Myotonometric Measurements of Upper Body Muscles in Sedentary Workers /. <i>Applied science.</i> , vol. 12(no. 7), p. 1-11. doi: 10.3390/app12073333	T 009 (70)	11.2.	KTU (2,479); LSMU (1,239)
723.	LSMU (0,5833); KTU (0,4167)	6590700	Jankauskaitė, L., Malinauskas, M., Aukštikalnė, L., Dabašinskaitė, L., Rimkūnas, A., & Mickevičius, T. et al. (2022). Functionalized Electrospun Scaffold-Human-Muscle-Derived Stem Cell Construct Promotes In Vivo Neocartilage Formation /. <i>Polymers.</i> , vol. 14(no. 12), p. 1-16. doi: 10.3390/polym14122498	T 004 (30), T 005 (10)	11.2.	LSMU (2,037); KTU (1,455)
724.	KTU (0,3333)	6592214	Gadal, S., Zakharov, M., & Kamičaitytė, J. (2022). Territorialisation, urbanisation, and economic development in the Russian arctic: energy issues. In <i>Energy of the Russian arctic: ideals and realities: [monograph] / editor Valery I. Salygin</i> (p. 441-458). Singapore: Palgrave Macmillan.	T 004 (50)	11.1.	KTU (3,753)

Eil. Nr.	Mokslo ir studijų 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
725.	KTU (0,5); LSMU (0,5)	6592287	Mačianskytė, D., & Adaškevičius, R. (2022). Automatic Detection of Human Maxillofacial Tumors by Using Thermal Imaging: A Preliminary Study /. <i>Sensors.</i> , vol. 22(no. 5), p.1-15. doi: 10.3390/s22051985	T 001 (50)	11.2.	KTU (2,061); LSMU (2,061)
726.	VDU (0,6667)	6594232	Kasiulis, E., Šadzevičius, R., & Virbickas, T. (2022). Environmental and socio-economic assessment of the dams at the salmonid rivers of Lithuania. <i>Rocznik ochrona środowiska = Annual set the environment protection</i> , 129-140. doi: doi:10.54740/ros.2022.010	T 002 (100)	11.00	VDU (–)
727.	VDU (0,0286)	6594389	Acuna, G., Berger, M., Campana, P., Campos, R., Canales, F., & Cantor, D. et al. (2022). Chapter 28 - Teaching about complementarity – proposal of classes for university students – including exercises. In J. Jurasz, & A. Beluco, <i>Complementarity of Variable Renewable Energy Sources</i> (687-713). JAV: Academic press (Elsevier).	T 002 (10), T 004 (90)	11.1.	VDU (0,543)
728.	VDU (0,25)	6594465	Kasiulis, E., Jurasz, J., Sapięga, P., & Bochenek, B. (2022). Chapter 22 - Complementarity and application of renewable energy sources in the marine environment. In J. Jurasz, & A. Beluco, <i>Complementarity of Variable Renewable Energy Sources</i> (527- 558). JAV: Academic press (Elsevier).	T 002 (100)	11.1.	VDU (6,75)
729.	VDU (1)	6594513	Miseckaitė, O. (2022). Chapter 7 - Agricultural contamination. In A. Kumar Tiwari, A. Kumar, A. Kumar Singh, T. Singh, E. Suozzi, & G. Matta et al., <i>Current Directions in Water Scarcity Research Vol. 5</i> (101-107). The Netherlands: Elsevier Inc.	T 004 (100)	11.00	VDU (–)
730.	KTU (0,5); LSMU (0,5)	6595989	Maskeliūnas, R., Damaševičius, R., Kulikajėvas, A., Padervinskis, E., Pribuišis, K., & Ulozas, V. (2022). A hybrid U-Iossian deep learning network for screening and evaluating Parkinson's disease /. <i>Applied sciences.</i> , vol. 12(no. 22), p. 1-23. doi: 10.3390/app122211601	T 007 (50)	11.2.	KTU (1,328); LSMU (1,328)

Eil. Nr.	Mokslo ir studijų 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
731.	KTU (0,5); LSMU (0,5)	6596005	Maskeliūnas, R., Kulikajėvas, A., Damaševičius, R., Pribuišis, K., Ulozaitė-Stanienė, N., & Ulozas, V. (2022). Lightweight Deep Learning Model for Assessment of Substitution Voicing and Speech after Laryngeal Carcinoma Surgery /. <i>Cancers.</i> , vol. 14 (no. 10), p. 1-18. doi: 10.3390/cancers14102366	T 007 (50)	11.2.	KTU (2,096); LSMU (2,096)
732.	LSMU (0,75); KTU (0,25)	6598152	Ožiūnas, R., Sakalauskiene, J., Jegerlevičius, D., & Janužis, G. (2022). A comparative biomechanical study of original and compatible titanium bases: evaluation of screw loosening and 3D-crown displacement following cyclic loading analysis /. <i>Journal of advanced prosthodontics.</i> , vol. 14(no. 3), p. 70-77. doi: 10.4047/jap.2022.14.2.70	T 001 (30)	11.2.	LSMU (1,73); KTU (0,577)
733.	LSMU (0,5); VILNIUS TECH (0,5)	6598203	Palesik, B., Šileikytė, K., Griškevičius, J., Stonkus, R., Šidlauskas, A., & Lopatienė, K. (2022). Impact of temperature changes to the adhesion strength of molar tubes: an in vitro study /. <i>BMC oral health.</i> , vol. 22, p. 1-9. doi: 10.1186/s12903-022-02144-y	T 009 (50)	11.2.	LSMU (2,086); VILNIUS TECH (2,086)
734.	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	T 007 (20)	11.00	VILNIUS TECH (–)
735.	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.	T 008 (50)	11.3.	FTMC (5)
736.	FTMC (0,5)	6606104	Kašalynas, I., Indrišiūnas, S., Prystawko, P., & Kruszewski, P. (2022). <i>European Patent application EP EP3975224 (A1)</i> . European Patent Office.	T 008 (50)	11.3.	FTMC (3,536)
737.	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.	T 008 (50)	11.4.	FTMC (5,303)

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
738.	LKA (0,5)	6606782	Liebuviene, J., & Čižiūnienė, K. (2022). Comparative Analysis of Ports on the Eastern Baltic Sea Coast. <i>Logistics: Special Issue Optimization and Management in Maritime Transportation</i> , Vol. 6 (Iss. 1), pp. 1-29. doi: 10.3390/logistics6010001	T 003 (20)	11.00	LKA (–)
739.	VDU (0,7143)	6606896	Hallik, L., Šarauskis, E., Kazlauskas, M., Bručienė, I., Mozgeris, G., & Steponavičius, D. et al. (2022). Proximal sensing sensors for monitoring crop growth. In <i>Information and communication technologies for agriculture—theme I: sensors / eds. D.D.Bochtis, M. Lampridi, G.P. Petropoulos, Y. Ampatzidis, P. Pardalos</i> (182, 43-97). Cham: Springer.	T 004 (50), T 009 (50)	11.00	VDU (–)
740.	VDU (0,5)	6607314	Volkan, S., Karayel, D., & Šarauskis, E. (2022). Bir mekanik ekici düzenin ekim kalitesinin EDEM ile simülasyonu. In <i>Tarımsal Mekanizasyon ve Enerji Üzerine Güncel Araştırmalar II / ed. Bahadır Sayıncı</i> (125-138). Ankara: Akademisyen Kitap Portalı.	T 009 (100)	11.00	VDU (–)
741.	KTU (0,5); LSMU (0,5)	6607720	Ulozas, V., Maskeliūnas, R., Pribušis, K., Vaitkus, S., Kulikajėvas, A., & Damaševičius, R. (2022). An artificial intelligence-based algorithm for the assessment of substitution voicing /. <i>Applied Sciences.</i> , vol. 12(no. 19), p. 1-19. doi: 10.3390/app12199748	T 007 (50)	11.2.	KTU (1,328); LSMU (1,328)
742.	LSMU (0,6); KTU (0,4)	6608674	Vilkickytė, G., Petrikaitė, V., Pukalskas, A., Šipailienė, A., & Raudonė, L. (2022). Exploring Vaccinium vitis-idaea L. as a potential source of therapeutic agents: antimicrobial, antioxidant, and anti-inflammatory activities of extracts and fractions /. <i>Journal of Ethnopharmacology.</i> , vol. 292, p. 1-12. doi: 10.1016/j.jep.2022.115207	T 005 (40)	11.2.	LSMU (2,52); KTU (1,68)
743.	VDU (0,2857)	6611261	Janavičiūtė, J., Paulauskas, A., Šinkariova, L., Blažauskas, T., Kiudys, E., & Janonis, A. et al. (2022). Rationale, design and validity of immersive virtual reality exercises in cognitive rehabilitation. <i>Information and software technologies</i> , 160-170. doi: 10.1007/978-3-031-16302-9_12	T 007 (30)	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, taškais ⁵
744.	VILNIUS TECH (1)	6670694	Martišius, M., & Sivilevičius, H. (2022). The modelling of emissions evaluation at asphalt mixing plant in hot recycling. <i>Transport</i> , vol. 37(iss. 2), p. 137-144. doi: 10.3846/transport. 2022.17116	T 002 (20), T 003 (80)	11.2.	VILNIUS TECH (4,289)
745.	VILNIUS TECH (1)	6670707	Masalskyi, O., & Gradauskas, J. (2022). Pre-thermalizational 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	T 001 (50)	11.2.	VILNIUS TECH (4,792)
746.	VILNIUS TECH (0,6667); KTU (0,1667)	6670729	Maskeliūnas, R., Katkevičius, A., Plonis, D., Sledevič, T., Meškėnas, A., & Damaševičius, R. (2022). Building façade style classification from UAV imagery using a Pareto-optimized deep learning network. <i>Electronics</i> , vol. 11(iss. 21), p. 1-24. doi: 10.3390/electronics11213450	T 001 (70), T 002 (10), T 007 (20)	11.2.	VILNIUS TECH (6,011); KTU (1,503)
747.	VILNIUS TECH (0,1111)	6670748	Matijošius, J., Orynycz, O., Kovbasenko, S., Simonenko, V., Shuba, Y., & Moroz, V. et al. (2022). Testing the indicators of diesel vehicles operating on diesel oil and diesel biofuel. <i>Energies: Emission Control Technology in Internal Combustion Engines</i> , vol. 15(iss. 24), p. 1-10. doi: 10.3390/en15249263	T 003 (50), T 009 (50)	11.2.	VILNIUS TECH (1,23)
748.	VILNIUS TECH (1)	6670953	Matuzevičius, D., & Serackis, A. (2022). Three-dimensional human head reconstruction using smartphone-based close-range video photogrammetry. <i>Applied sciences: Special issue: Machine learning application in human motion tracking</i> , vol. 12(iss. 1), p. 1-26. doi: 10.3390/app12010229	T 001 (50), T 007 (50)	11.2.	VILNIUS TECH (5,312)
749.	VILNIUS TECH (1)	6670982	Matuzevičius, D. (2022). Synthetic data generation for the development of 2D gel electrophoresis protein spot models. <i>Applied sciences: Special issue "Deep learning in bioinformatics and biomedicine"</i> , vol. 12(iss. 9), p. 1-22. doi: 10.3390/app12094393	T 001 (50), T 007 (50)	11.2.	VILNIUS TECH (5,312)

Eil. Nr.	Mokslo ir studijų 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
750.	VILNIUS TECH (1)	6671005	Mažeikienė, A., & Šarko, J. (2022). Removal of nitrogen and phosphorus from wastewater using layered filter media. <i>Sustainability</i> , vol. 14(iss. 17), p. 1-10. doi: 10.3390/su141710713	T 004 (100)	11.2.	VILNIUS TECH (6,498)
751.	VILNIUS TECH (0,25)	6671024	Mazur, T., Cepova, L., Szymanski, T., & Rucki, M. (2022). Analysis of the planar point identification accuracy in CMM measurements. <i>Sensors</i> , vol. 22(iss. 18), p. 1-14. doi: 10.3390/s22187005	T 009 (100)	11.2.	VILNIUS TECH (4,122)
752.	VILNIUS TECH (1)	6671116	Motuzienė, V., Čiuprinskas, K., Rogoža, A., & Lapinskienė, V. (2022). A review of the life cycle analysis results for different energy conversion technologies. <i>Energies</i> , vol. 15(iss. 22), p. 1- 26. doi: 10.3390/en15228488	T 006 (100)	11.2.	VILNIUS TECH (4,947)
753.	VILNIUS TECH (0,25)	6671134	Navikas, D., & Pitrenas, A. (2022). Determination and evaluation of a three-wheeled tilting vehicle prototype's dynamic characteristics. <i>Applied sciences</i> , vol. 12(iss. 10), p. 1-12. doi: 10.3390/app12105121	T 001 (30), T 003 (70)	11.2.	VILNIUS TECH (1,327)
754.	VILNIUS TECH (0,1667)	6671172	Naz, F., Kumar, A., Upadhyay, A., Chokshi, H., Trinkūnas, V., & Magda, R. (2022). Property management enabled by artificial intelligence post Covid-19: an exploratory review and future propositions. <i>International journal of strategic property management</i> , vol. 26(iss. 2), p. 156-171. doi: 10.3846/ijspm. 2022.16923	T 002 (100)	11.2.	VILNIUS TECH (1,981)
755.	VILNIUS TECH (0,1429)	6671186	Novickij, V., Rembiałkowska, N., Kasperkiewicz-Wasilewska, P., Baczyńska, D., Rzechonek, A., & Błasiak, P. et al. (2022). Pulsed electric fields with calcium ions stimulate oxidative alternations and lipid peroxidation in human non-small cell lung cancer. <i>Biochimica et biophysica acta-Biomembranes</i> , vol. 1864(iss. 12), p. 1-9. doi: 10.1016/j.bbamem.2022.184055	T 001 (100)	11.2.	VILNIUS TECH (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
756.	VILNIUS TECH (0,25)	6671201	Novickij, V., Rembalkowska, N., Szlasa, W., & Kulbacka, J. (2022). Does the shape of the electric pulse matter in electroporation? <i>Frontiers in oncology</i> , vol. 12, p. 1-12. doi: 10.3389/fonc. 2022.958128	T 001 (100)	11.2.	VILNIUS TECH (2,748)
757.	VILNIUS TECH (0,6667)	6671214	Novickij, V., Staigvila, G., Murauskas, A., Rembalkowska, N., Kulbacka, J., & Novickij, J. (2022). High frequency bipolar electroporator with double-crowbar circuit for load-independent forming of nanosecond pulses. <i>Applied sciences: Electroporation Systems and Applications: Volume II</i> , vol. 12(iss. 3), p. 1-10. doi: 10.3390/app12031370	T 001 (100)	11.2.	VILNIUS TECH (5,007)
758.	VILNIUS TECH (1)	6671255	Pakrijauskas, K., & Mažeika, D. (2022). A method of transparent graceful failover in low latency stateful microservices. <i>Electronics: Cloud Computing and Applications, Volume II</i> , vol. 11 (iss. 23), p. 1-16. doi: 10.3390/electronics11233936	T 007 (100)	11.2.	VILNIUS TECH (6,376)
759.	VILNIUS TECH (0,1667)	6671292	Parida, R., Dash, M., Kumar, A., Zavadskas, E., Luthra, S., & Mulatweldemeskel, E. (2022). Evolution of supply chain finance: a comprehensive review and proposed research directions with network clustering analysis. <i>Sustainable development</i> , vol. 30 (iss. 5), p. 1343-1369. doi: 10.1002/sd.2272	T 002 (60), T 004 (40)	11.2.	VILNIUS TECH (6,243)
760.	VILNIUS TECH (0,5)	6671309	Pasternak, H., Li, Z., Juozapaitis, A., & Daniūnas, A. (2022). Ring stiffened cylindrical shell structures: State-of-the-Art review. <i>Applied sciences: State-of-the-Art in Structural Steel Engineering</i> , vol 12(iss. 22), p. 1-14. doi: 10.3390/app122211665	T 002 (100)	11.2.	VILNIUS TECH (4,6)
761.	VILNIUS TECH (1)	6671403	Petroškevičius, P., Paršeliūnas, E., Obuchovski, R., Šlikas, D., Birvydienė, R., & Putrimas, R. et al. (2022). The gravity survey and the gravimetric map of the territory of Lithuania. <i>Baltica</i> , vol. 35(no. 1), p. 71-79. doi: 10.5200/baltica.2022.1.6	T 010 (100)	11.2.	VILNIUS TECH (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, taškai ⁵
762.	VILNIUS TECH (1)	6671421	Petrovas, A., & Baušys, R. (2022). Procedural video game scene generation by genetic and neutrosophic WASPAS algorithms. <i>Applied sciences</i> , vol. 12(iss. 2), p. 1-16. doi: 10.3390/app12020772	T 007 (100)	11.2.	VILNIUS TECH (5,311)
763.	VILNIUS TECH (0,75)	6671441	Petrovas, A., Baušys, R., Zavadskas, E., & Smarandache, F. (2022). Generation of creative game scene patterns by the neutrosophic genetic CoCoSo method. <i>Studies in informatics and control</i> , vol. 31(iss. 4), p. 5-11. doi: 10.24846/v31i4y202201	T 007 (100)	11.2.	VILNIUS TECH (4,413)
764.	VILNIUS TECH (1)	6671458	Petuchova, A., & Maknickas, A. (2022). Computational analysis of aortic haemodynamics in the presence of ascending aortic aneurysm. <i>Technology and health care: Selected Papers From the 13th International Conference BIOMDLORE 2021</i> , vol. 30(no. 1), p. 187-200. doi: 10.3233/THC-219002	T 009 (100)	11.2.	VILNIUS TECH (4,489)
765.	VILNIUS TECH (0,25)	6671468	Piotrowska-Woroniak, J., Cieslinski, K., Woroniak, G., & Bielskus, J. (2022). The impact of thermo-modernization and forecast regulation on the reduction of thermal energy consumption and reduction of pollutant emissions into the atmosphere on the example of prefabricated buildings. <i>Energies: Advanced Building Materials for Energy Saving</i> , vol. 15(iss. 8), p. 1-32. doi: 10.3390/en15082758	T 006 (100)	11.2.	VILNIUS TECH (2,142)
766.	VILNIUS TECH (1)	6671492	Pranskevičius, M., Paliulis, D., Chlebnikovas, A., Kilikevičius, A., Kilikevičienė, K., & Matijošius, J. (2022). Assessment of changes in the total carbon content and carbon dioxide emissions in Neris Park soil using the simulating program DNDC. <i>Polish journal of environmental studies</i> , vol. 31(iss. 4), p. 1-12. doi: 10.15244/pjoes/146465	T 004 (50), T 009 (50)	11.2.	VILNIUS TECH (3,938)

Eil. Nr.	Mokslo ir studijų 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
767.	VILNIUS TECH (1)	6671519	Pundienė, I., Pranckevičienė, J., Kligys, M., & Girskas, G. (2022). Study of the course of cement hydration in the presence of waste metal particles and pozzolanic additives. <i>Materials</i> , vol. 15(iss. 8), p. 1-20. doi: 10.3390/ma15082925	T 008 (100)	11.2.	VILNIUS TECH (5,963)
768.	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	T 007 (50)	11.2.	VILNIUS TECH (3,381)
769.	VILNIUS TECH (1)	6671604	Ramanauskas, R., Kaklauskas, G., & Sokolov, A. (2022). Estimating the primary crack spacing of reinforced concrete structures: Predictions by neural network versus the innovative strain compliance approach. <i>Mechanics of advanced materials and structures</i> , vol. 29(iss. 1), p. 53-69. doi: 10.1080/15376494.2020.1751352	T 002 (100)	11.2.	VILNIUS TECH (5,68)
770.	VILNIUS TECH (0,6)	6671638	Rayapureddy, S., Matijošius, J., Rimkus, A., Caban, J., & Slowik, T. (2022). Comparative study of combustion, performance and emission characteristics of hydrotreated vegetable oil-biobutanol fuel blends and diesel fuel on a CI engine. <i>Sustainability: Fuels for the Future</i> , vol. 14(iss. 12), p. 1-16. doi: 10.3390/su14127324	T 003 (100)	11.2.	VILNIUS TECH (6,753)
771.	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	T 001 (80)	11.2.	VILNIUS TECH (0,913)

Eil. Nr.	Mokslo ir studijų 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
772.	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	T 001 (80)	11.2.	VILNIUS TECH (1,6)
773.	VILNIUS TECH (0,5)	6671729	Rimkus, A., Vipartas, T., Kriaučiūnas, D., Matijošius, J., & Ragauskas, T. (2022). The effect of intake valve timing on spark- ignition engine performances fueled by natural gas at low power. <i>Energies: Special issue: Development of efficient internal combustion engines and vehicle powertrains</i> , vol. 15(iss. 2), p. 1- 21. doi: 10.3390/en15020398	T 003 (80), T 004 (20)	11.2.	VILNIUS TECH (2,474)
774.	VILNIUS TECH (1)	6671745	Rimkus, A., Farh, M., & Gribniak, V. (2022). Continuously reinforced polymeric composite for additive manufacturing— development and efficiency analysis. <i>Polymers</i> , vol. 14(iss. 17), p. 1-17. doi: 10.3390/polym14173471	T 002 (20), T 008 (80)	11.2.	VILNIUS TECH (8,731)
775.	VILNIUS TECH (0,5)	6671758	Rogulj, K., Kilić Pamuković, J., Antuchevičienė, J., & Zavadskas, E. (2022). Intuitionistic fuzzy decision support based on EDAS and grey relational degree for historic bridges reconstruction priority. <i>Soft computing</i> , vol. 26(iss. 18), p. 9419-9444. doi: 10.1007 /s00500-022-07259-6	T 002 (80), T 007 (20)	11.2.	VILNIUS TECH (5,925)
776.	VILNIUS TECH (1)	6671773	Romanova, A., & Barzdėnas, V. (2022). On noise modeling of capacitive feedback transimpedance amplifiers in CMOS. <i>Applied sciences: Special issue: Advanced integrated circuit technology and application</i> , vol. 12(iss. 19), p. 1-17. doi: 10.3390 /app121910186	T 001 (100)	11.2.	VILNIUS TECH (5,311)

Eil. Nr.	Mokslo ir studijų 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
777.	VILNIUS TECH (0,1429)	6671887	Sabir, M., Baltrėnaitė-Gedienė, E., Ditta, A., Ullah, H., Kanwal, A., & Ullah, S. et al. (2022). Bioaccumulation of heavy metals in a soil–plant system from an open dumpsite and the associated health risks through multiple routes. <i>Sustainability: Frontiers on Ecological and Environmental Risk Assessment and Remediation</i> , vol. 14(iss. 20), p. 1-22. doi: 10.3390/su142013223	T 004 (100)	11.2.	VILNIUS TECH (2,456)
778.	VILNIUS TECH (1)	6671911	Sakavičius, S., Serackis, A., & Abromavičius, V. (2022). Multiple sound source localization in three dimensions using convolutional neural networks and clustering based post-processing. <i>IEEE access</i> , vol. 10, p. 125707-125722. doi: 10.1109/ACCESS.2022.3225968	T 001 (100)	11.2.	VILNIUS TECH (8,117)
779.	VILNIUS TECH (0,3333)	6671922	Salimian, S., Mousavi, S., & Antuchevičienė, J. (2022). Evaluation of infrastructure projects by a decision model based on RPR, MABAC, and WASPAS methods with interval-valued intuitionistic fuzzy sets. <i>International journal of strategic property management</i> , vol. 26(iss. 2), p. 106-118. doi: 10.3846/ijspm.2022.16476	T 002 (80), T 007 (20)	11.2.	VILNIUS TECH (2,506)
780.	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	T 004 (70)	11.2.	VILNIUS TECH (3,922)
781.	VILNIUS TECH (0,5)	6671982	Savoji, H., Mousavi, S., Antuchevičienė, J., & Pavlovskis, M. (2022). A robust possibilistic bi-objective mixed integer model for green biofuel supply chain design under uncertain conditions. <i>Sustainability: Special issue: Application of mathematical optimization in power system operation and planning</i> , vol. 14(iss. 20), p. 1-17. doi: 10.3390/su142013675	T 002 (50), T 004 (30), T 007 (20)	11.2.	VILNIUS TECH (4,594)

Eil. Nr.	Mokslo ir studijų 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.	VILNIUS TECH (0,25)	6672031	Seminara, P., Vand, B., Sajjadian, S., & Tupėnaitė, L. (2022). Assessing and monitoring of building performance by diverse methods. <i>Sustainability: Optimization of Energy Use in Buildings</i> , vol. 14(iss. 3), p. 1-27. doi: 10.3390/su14031242	T 002 (100)	11.2.	VILNIUS TECH (2,297)
783.	VILNIUS TECH (1)	6672051	Šrevičienė, V., Zigmontienė, A., & Paliulis, D. (2022). Heavy metals in honey collected from contaminated locations: a case of Lithuania. <i>Sustainability: Section: Air, climate change and sustainability</i> , vol. 14(iss. 15), p. 1-11. doi: 10.3390/su14159196	T 004 (100)	11.2.	VILNIUS TECH (6,498)
784.	VILNIUS TECH (0,3333)	6672066	Sharma, H., Majumder, S., Biswas, A., Prentkovskis, O., Kar, S., & Skačkauskas, P. (2022). A study on decision-making of the Indian Railways Reservation System during COVID-19. <i>Journal of advanced transportation</i> , vol. 2022, p. 1-10. doi: 10.1155/2022/7685375	T 003 (100)	11.2.	VILNIUS TECH (3,989)
785.	VILNIUS TECH (0,5)	6672096	Shepel, O., Matijošius, J., Rimkus, A., Orynycz, O., Tucki, K., & Swic, A. (2022). Combustion, ecological, and energetic indicators for mixtures of hydrotreated vegetable oil (HVO) with duck fat applied as fuel in a compression ignition engine. <i>Energies: Modeling Energy–Environment–Economy Interrelations</i> , vol. 15 (iss. 21), p. 1-24. doi: 10.3390/en15217892	T 003 (100)	11.2.	VILNIUS TECH (4,947)
786.	VILNIUS TECH (0,3)	6672109	Shi, D., Šabanovič, E., Rizzetto, L., Skrickij, V., Oliverio, R., & Kaviani, N. et al. (2022). Deep learning based virtual point tracking for real-time target-less dynamic displacement measurement in railway applications. <i>Mechanical systems and signal processing</i> , vol. 166, p. 1-20. doi: 10.1016/j.ymssp.2021.108482	T 001 (10), T 003 (90)	11.2.	VILNIUS TECH (8,678)

Eil. Nr.	Mokslo ir studijų 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
787.	VILNIUS TECH (1)	6672131	Shkundalov, D., & Vilotienė, T. (2022). Quantitative view assessment (QUVIAS) method for window visibility analysis utilizing BIM, GIS and Web environments. <i>International journal of strategic property management</i> , vol. 26(iss. 4), p. 287-304. doi: 10.3846/ijspm.2022.17754	T 002 (100)	11.2.	VILNIUS TECH (5,316)
788.	VILNIUS TECH (1)	6672201	Škamat, J., Bučelis, K., & Černašėjus, O. (2022). Laser boronizing of additively manufactured 18Ni-300 maraging steel part surface. <i>Materials: Future Trends in Chemical Engineering Science: Coatings; Additive Manufacturing, Composites and Inorganic Materials</i> , vol. 15(iss. 13), p. 1-20. doi: 10.3390/ma15134631	T 008 (100)	11.2.	VILNIUS TECH (5,963)
789.	VILNIUS TECH (1)	6672220	Skeivalas, J., Paršeliūnas, E., & Šlikas, D. (2022). The predictive model for the universe rotation axis identification upon applying the solar system coordinate net in the Milky Way galaxy. <i>Indian journal of physics</i> , vol. 96(iss. 6), p. 1625-1634. doi: 10.1007/s12648-021-02113-1	T 004 (50), T 010 (50)	11.2.	VILNIUS TECH (5,5)
790.	VILNIUS TECH (1)	6672233	Skuodis, Š., Daugevičius, M., Medzvieckas, J., Šneideris, A., Jokūbaitis, A., & Rastenis, J. et al. (2022). Gediminas Hill slopes behavior in 3D finite element model. <i>Buildings</i> , vol. 12(iss. 8), p. 1-15. doi: 10.3390/buildings12081113	T 002 (100)	11.2.	VILNIUS TECH (7,361)
791.	VILNIUS TECH (1)	6672248	Šlaitas, J., Šalna, R., & Valivonis, J. (2022). Anchoring issues of CFRP laminates to concrete members. <i>Polymers: Special issue: Development in fiber-reinforced polymer composites</i> , vol. 14(iss. 12), p. 1-10. doi: 10.3390/polym14122338	T 002 (100)	11.2.	VILNIUS TECH (8,731)
792.	VILNIUS TECH (1)	6672268	Šlaitas, J., & Valivonis, J. (2022). Technological peculiarities of strengthening RC members with prestressed FRP laminates. <i>Composite structures</i> , vol. 290, p. 1-9. doi: 10.1016/j.compstruct. 2022.115526	T 002 (100)	11.2.	VILNIUS TECH (11,633)

Eil. Nr.	Mokslo ir studijų 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
793.	VILNIUS TECH (1)	6672287	Sledevič, T., Serackis, A., & Plonis, D. (2022). FPGA implementation of a convolutional neural network and its application for pollen detection upon entrance to the beehive. <i>Agriculture</i> , vol. 12(iss. 11), p. 1-17. doi: 10.3390/agriculture12111849	T 001 (100)	11.2.	VILNIUS TECH (9,412)
794.	VILNIUS TECH (1)	6672314	Sokolovskij, E., & Juodka, E. (2022). Research on the circumstances of a car–cyclist collision, based on the trajectory of the cyclist’s movement after the collision. <i>Sensors: Special issue: Sensors and systems for automotive and road safety</i> , vol. 22(iss. 17), p. 1-19. doi: 10.3390/s22176324	T 003 (100)	11.2.	VILNIUS TECH (8,244)
795.	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	T 004 (80), T 007 (10)	11.2.	VILNIUS TECH (1,816)
796.	VILNIUS TECH (0,2)	6672351	Soleimany, A., Solgi, E., Ashrafi, K., Jafari, R., & Grubliauskas, R. (2022). Temporal and spatial distribution mapping of particulate matter in southwest of Iran using remote sensing, GIS, and statistical techniques. <i>Air quality atmosphere and health</i> , vol. 15 (iss. 6), p. 1057-1078. doi: 10.1007/s11869-022-01179-y	T 004 (100)	11.2.	VILNIUS TECH (2,997)
797.	VILNIUS TECH (0,2)	6672402	Stevic, Z., Korucuk, S., Karamasa, C., Demir, E., & Zavadskas, E. (2022). A novel integrated fuzzy-rough MCDM model for assessment of barriers related to smart logistics applications and demand forecasting method in the COVID-19 period. <i>International journal of information technology & decision making</i> , vol. 21(iss. 05), p. 1647-1678. doi: 10.1142/S0219622022500274	T 002 (40), T 007 (60)	11.2.	VILNIUS TECH (3,815)

Eil. Nr.	Mokslo ir studijų 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
798.	VILNIUS TECH (0,2)	6672418	Stevic, Z., Zavadskas, E., Tawfiq, F., Tchier, F., & Davidov, T. (2022). Fuzzy multicriteria decision-making model based on z numbers for the evaluation of information technology for order picking in warehouses. <i>Applied sciences: Integrated Artificial Intelligence in Data Science</i> , vol. 12(iss. 24), p. 1-18. doi: 10.3390/app122412533	T 002 (40), T 007 (60)	11.2.	VILNIUS TECH (2,125)
799.	VILNIUS TECH (1)	6672447	Štrimaitis, R., Stefanovič, P., Ramanauskaitė, S., & Slotkienė, A. (2022). A combined approach for multi-label text data classification. <i>Computational intelligence and neuroscience</i> , vol. 2022, p. 1-13. doi: 10.1155/2022/3369703	T 007 (100)	11.00	VILNIUS TECH (–)
800.	VILNIUS TECH (0,2857)	6672459	Student, M., Hvozdetzkyi, V., Stupnytskyi, T., Student, O., Maruschak, P., & Prentkovskis, O. et al. (2022). Mechanical properties of arc coatings sprayed with cored wires with different charge compositions. <i>Coatings: Heat and Surface Treatments of Metallic Materials and Their Welded Joints</i> , vol. 12(iss. 7), p. 1-14. doi: 10.3390/coatings12070925	T 003 (50), T 009 (50)	11.2.	VILNIUS TECH (3,006)
801.	VILNIUS TECH (1)	6672476	Šumanas, M., Petronis, A., Bučinskas, V., Dzedzickis, A., Viržonis, D., & Morkvėnaitė-Vilkončienė, I. (2022). Deep Q-Learning in robotics: improvement of accuracy and repeatability. <i>Sensors: Special issue Robotic systems and automatic control: Mathematical models, technologies, applications and challenges</i> , vol. 22(iss. 10), p. 1-16. doi: 10.3390/s22103911	T 009 (100)	11.2.	VILNIUS TECH (8,244)
802.	VILNIUS TECH (0,2857)	6672494	Sutcu, M., Gencel, O., Erdogmus, E., Kizinievič, O., Kizinievič, V., & Karimipour, A. et al. (2022). Low cost and eco-friendly building materials derived from wastes: Combined effects of bottom ash and water treatment sludge. <i>Construction and building materials</i> , vol. 324, p. 1-15. doi: 10.1016/j.conbuildmat.2022.126669	T 002 (20), T 004 (30), T 008 (50)	11.2.	VILNIUS TECH (7,796)

Eil. Nr.	Mokslo ir studijų 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
803.	VILNIUS TECH (0,2)	6672521	Świć, A., Gola, A., Orynycz, O., Tucki, K., & Matijošius, J. (2022). Technological methods for controlling the elastic-deformable state in turning and grinding shafts of low stiffness. <i>Materials</i> , vol. 15(iss. 15), p. 1-15. doi: 10.3390/ma15155265	T 009 (100)	11.2.	VILNIUS TECH (2,385)
804.	VILNIUS TECH (0,3333)	6672748	Tanackov, I., Badi, I., Stevic, Z., Pamucar, D., Zavadskas, E., & Baušys, R. (2022). A novel hybrid interval rough SWARA-interval rough ARAS model for evaluation strategies of cleaner production. <i>Sustainability: Latest Developments and Challenges in MCDM Theory, Models, and Applications</i> , vol. 14(iss. 7), p. 1- 21. doi: 10.3390/su14074343	T 002 (60), T 004 (40)	11.2.	VILNIUS TECH (4,843)
805.	VILNIUS TECH (1)	6672765	Tofan, T., Borodinas, S., Kačianauskas, R., & Jasevičius, R. (2022). Modeling 3D droplet movement using a drop-on-demand inkjet printhead model. <i>Processes: Advanced Research and Applications of Inkjet Printing (IJP) Technique</i> , vol. 10(iss. 8), p. 1- 12. doi: 10.3390/pr10081467	T 002 (10), T 009 (90)	11.2.	VILNIUS TECH (5,603)
806.	VILNIUS TECH (0,25)	6672794	Tolegenova, A., Skripkiūnas, G., Rishko, L., & Akmalaiuly, K. (2022). Both plasticizing and air-entraining effect on cement- based material porosity and durability. <i>Materials: Testing of Materials and Elements in Civil Engineering (2nd Edition)</i> , vol. 15 (iss. 13), p. 1-22. doi: 10.3390/ma15134382	T 002 (100)	11.2.	VILNIUS TECH (2,108)
807.	VILNIUS TECH (1)	6672806	Trambitski, Y., Kizinievič, O., & Kizinievič, V. (2022). Effect of retrograded starch hydrogel on the hygroscopic and durability properties of clay composites. <i>Materials</i> , vol. 15(iss. 24), p. 1-5. doi: 10.3390/ma15248815	T 002 (20), T 004 (20), T 008 (60)	11.2.	VILNIUS TECH (5,964)
808.	VILNIUS TECH (1)	6672856	Trambitski, Y., Kizinievič, O., & Kizinievič, V. (2022). Modification of clay materials with retrograded starch hydrogel. <i>Construction and building materials</i> , vol. 314, p. 1-10. doi: 10.1016/j.conbuildmat.2021.125619	T 002 (20), T 004 (20), T 008 (60)	11.2.	VILNIUS TECH (11,14)

Eil. Nr.	Mokslo ir studijų 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
809.	VILNIUS TECH (0,8)	6672915	Turskis, Z., Baušys, R., Smarandache, F., Kazakevičiūtė- Januškevičienė, G., & Zavadskas, E. (2022). M-generalised q- neutrosophic extension of CoCoSo method. <i>International journal of computers communications & control</i> , vol. 17(iss. 1), p. 1-12. doi: 10.15837/ijccc.2022.1	T 002 (20), T 007 (80)	11.2.	VILNIUS TECH (6,805)
810.	VILNIUS TECH (0,4)	6672931	Ullah, K., Witt, E., Lill, I., Banaitienė, N., & Statulevičius, M. (2022). Readiness assessment for BIM-based building permit processes using Fuzzy-COPRAS. <i>Journal of civil engineering and management</i> , vol. 28(iss. 8), p. 620-633. doi: 10.3846/jcem.2022.17274	T 002 (100)	11.2.	VILNIUS TECH (4,754)
811.	VILNIUS TECH (0,1429)	6672944	Urbanowicz, K., Bergant, A., Stosiak, M., Deptula, A., Karpenko, M., & Kubrak, M. et al. (2022). Water hammer simulation using simplified convolution-based unsteady friction model. <i>Water: Special issue: About an important phenomenon—water hammer</i> , vol. 14(iss. 19), p. [1-20]. doi: 10.3390/w14193151	T 003 (100)	11.2.	VILNIUS TECH (2,32)
812.	VILNIUS TECH (1)	6672966	Ušpalytė-Vitkūnienė, R., Bureika, G., Burinskienė, M., Vabuolytė, V., & Skrickij, V. (2022). Sharing mobility solutions in remote touristic area: case study of Lithuania. <i>Transport</i> , vol. 37(iss. 4), p. 241-250. doi: 10.3846/transport.2022.18012	T 002 (50), T 003 (50)	11.2.	VILNIUS TECH (4,288)
813.	VILNIUS TECH (0,6667)	6672990	Vaitkus, S., Vėjelis, S., Šeputytė-Jucikė, J., Członka, S., Strzelec, K., & Kairytė, A. (2022). Analysis of active and passive deformation of expanded polystyrene foam under short-term compression. <i>Materials</i> , vol. 15(iss. 21), p. 1-14. doi: 10.3390/ma15217548	T 002 (20), T 008 (80)	11.2.	VILNIUS TECH (5,621)

Eil. Nr.	Mokslo ir studijų 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
814.	VILNIUS TECH (1)	6673128	Valeika, G., Matijošius, J., & Rimkus, A. (2022). Research of the impact of EGR rate on energy and environmental parameters of compression ignition internal combustion engine fuelled by hydrogenated vegetable oil (HVO) and biobutanol – Castor oil fuel mixtures. <i>Energy conversion and management</i> , vol. 270, p. [1- 15]. doi: 10.1016/j.enconman.2022.116198	T 003 (100)	11.2.	VILNIUS TECH (15,633)
815.	VILNIUS TECH (1)	6673140	Valančius, K., Grinevičiūtė, M., & Streckienė, G. (2022). Heating and cooling primary energy demand and CO2 emissions: Lithuanian A+ buildings and/in different European locations. <i>Buildings</i> , vol. 12(iss. 5), p. 1-18. doi: 10.3390/buildings12050570	T 006 (100)	11.2.	VILNIUS TECH (7,361)
816.	VILNIUS TECH (1)	6673152	Valentukevičienė, M., Andriulaitytė, I., & Žurauskienė, R. (2022). Experimental research on the treatment of stormwater contaminated by disinfectants using recycled materials—hemp fiber and ceramzite. <i>International journal of environmental research and public health: Special issue: Frontiers in water pollution, control and treatment</i> , vol. 19(iss. 21), p. 1-13. doi: 10.3390/ijerph192114486	T 004 (50), T 008 (50)	11.00	VILNIUS TECH (–)
817.	VILNIUS TECH (1)	6673166	Valentukevičienė, M., & Žurauskienė, R. (2022). Investigating the effectiveness of recycled agricultural and cement manufacturing waste materials used in oil sorption. <i>Materials: Special Issue Recycled Materials in Civil and Environmental Engineering</i> , vol. 15(iss. 1), p. 1-15. doi: 10.3390/ma15010218	T 004 (50), T 008 (50)	11.2.	VILNIUS TECH (5,962)
818.	VILNIUS TECH (1)	6673179	Varna, D., & Abromavičius, V. (2022). A system for a real-time electronic component detection and classification on a conveyor belt. <i>Applied sciences: Special issue: Innovations in intelligent machinery and industry 4.0</i> , vol. 11(iss. 12), p. 1-17. doi: 10.3390/app12115608	T 001 (50), T 007 (50)	11.2.	VILNIUS TECH (5,312)

Eil. Nr.	Mokslo ir studijų 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
819.	VILNIUS TECH (1)	6673191	Vasarevičius, S., Seniūnaitė, J., & Vaišis, V. (2022). Impact of natural weathering on stabilization of heavy metals (Cu, Zn, and Pb) in MSWI Bottom Ash. <i>Applied sciences: Special issue: New trends in waste management models</i> , vol. 12(iss. 7), p. 1-15. doi: 10.3390/app12073419	T 004 (100)	11.2.	VILNIUS TECH (5,311)
820.	VILNIUS TECH (1)	6673202	Vasiliauskienė, D., Boris, R., Balčiūnas, G., Kairytė, A., & Urbonavičius, J. (2022). Impact of cellulolytic fungi on biodegradation of hemp shives and corn starch-based composites with different flame-retardants. <i>Microorganisms</i> , vol. 10(iss. 9), p. 1-14. doi: 10.3390/microorganisms10091830	T 005 (50), T 008 (50)	11.2.	VILNIUS TECH (7,626)
821.	VILNIUS TECH (0,5)	6673218	Vavpotič, D., Kalibaitienė, D., Vasilecas, O., & Hovelja, T. (2022). Identifying key characteristics of business rules that affect software project success. <i>Applied sciences</i> , vol. 12(iss. 2), p. 1- 10. doi: 10.3390/app12020762	T 007 (100)	11.2.	VILNIUS TECH (3,756)
822.	VILNIUS TECH (0,625)	6673236	Veliseičik, T., Žurauskienė, R., Kligys, M., & Daukševič, M. (2022). Influence of industrial metakaolin waste on autoclaved fiber cement properties changes in standard fire environment. <i>Materials: Special issue: Concretes and cement-based composites: additives/admixtures, hydration process and durability research</i> , vol. 15(iss. 10), p. 1-18. doi: 10.3390/ma15103455	T 008 (100)	11.2.	VILNIUS TECH (3,727)
823.	VILNIUS TECH (1)	6673248	Vengalis, T., & Mokšin, V. (2022). 2D CFD simulation of dynamic heat transfer in an open-type refrigerated display cabinet. <i>Applied sciences</i> , vol. 12(iss. 14), p. 1-14. doi: 10.3390/app12146916	T 009 (100)	11.2.	VILNIUS TECH (5,311)

Eil. Nr.	Mokslo ir studijų 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
824.	VILNIUS TECH (0,1)	6673267	Vitola, L., Gendelis, S., Sinka, M., Pundienė, I., & Bajare, D. (2022). Assessment of plant origin by-products as lightweight aggregates for bio-composite bounded by starch binder. <i>Energies: Advanced Building Materials for Energy Saving</i> , vol. 15 (iss. 15), p. 1-23. doi: 10.3390/en15155330	T 002 (40), T 004 (40), T 008 (20)	11.2.	VILNIUS TECH (0,857)
825.	VILNIUS TECH (0,3333)	6673658	Wilińska, I., Pacewska, B., & Antonovič, V. (2022). Hydration processes of four-component binders containing a low amount of cement. <i>Materials: Special issue: Development and research of cementitious materials</i> , vol. 15(iss. 6), p. 1-23. doi: 10.3390/ma15062192	T 008 (100)	11.2.	VILNIUS TECH (2,811)
826.	VILNIUS TECH (1)	6673760	Zagorskis, A., Januševičius, T., & Danila, V. (2022). Removal of acetone vapor from air using a biotrickling filter packed with polymeric bioballs. <i>Processes: Special issue: Recent advances in biofilter process treatment</i> , vol. 10(iss. 1), p. 1-14. doi: 10.3390/pr10010057	T 004 (100)	11.2.	VILNIUS TECH (5,603)
827.	VILNIUS TECH (0,75)	6673814	Zapolskytė, S., Trépanier, M., Burinskienė, M., & Survilė, O. (2022). Smart urban mobility system evaluation model adaptation to Vilnius, Montreal and Weimar cities. <i>Sustainability: Smart Cities 3.0: Citizens, Space and Sustainable Mobility for the Future City</i> , vol. 14(iss. 2), p. 1-14. doi: 10.3390/su14020715	T 002 (100)	11.2.	VILNIUS TECH (8,442)
828.	VILNIUS TECH (0,5)	6673826	Zaporozhets, O., Fiks, B., Jagniatinskis, A., Tokarev, V., Karpenko, S., & Mickaitis, M. (2022). Indoor noise A-level assessment related to the environmental noise spectrum on the building facade. <i>Applied acoustics</i> , vol. 185, p. 1-15. doi: 10.1016/j.apacoust.2021.108380	T 002 (50), T 008 (50)	11.2.	VILNIUS TECH (6,514)

Eil. Nr.	Mokslo ir studijų 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.	VILNIUS TECH (1)	6673842	Zavadskas, E., Leščauskienė, I., Juodagalvienė, B., Baušys, R., & Keizikas, A. (2022). Comparison of the stair safety awareness in different target groups by applying the VASMA-C methodology. <i>Archives of civil and mechanical engineering</i> , vol. 22(iss. 4), p. 1- 11. doi: 10.1007/s43452-022-00487-5	T 002 (40), T 007 (60)	11.2.	VILNIUS TECH (7,925)
830.	VILNIUS TECH (0,2)	6673866	Zavadskas, E., Ulutas, A., Balo, F., Stanujkic, D., & Karabasevic, D. (2022). Performance analysis for the most convenient wind turbine selection in wind energy facility. <i>Economic computation and economic cybernetics studies and research</i> , vol. 56(iss. 2), p. 21-36. doi: 10.24818/18423264/56.2.22.02	T 002 (80), T 007 (20)	11.00	VILNIUS TECH (–)
831.	VILNIUS TECH (1)	6673882	Zavalis, M., Daugevičius, M., Jokūbaitis, A., Zavalis, R., & Valivonis, J. (2022). Deflection estimation model for prestressed concrete slabs with plastic inserts forming voids. <i>Materials: Advances in Serviceability Analysis of Concrete Structures</i> , vol. 15(iss. 9), p. 1-20. doi: 10.3390/ma15093013	T 002 (100)	11.2.	VILNIUS TECH (5,963)
832.	VILNIUS TECH (1)	6673911	Zhu, C., Pundienė, I., Pranckevičienė, J., & Kligys, M. (2022). Effects of Na ₂ CO ₃ /Na ₂ SiO ₃ ratio and curing temperature on the structure formation of alkali-activated high-carbon biomass fly ash pastes. <i>Materials: Recent Developments in Geopolymers and Alkali-Activated Materials</i> , vol. 15(iss. 23), p. 1-23. doi: 10.3390/ma15238354	T 008 (100)	11.2.	VILNIUS TECH (5,963)
833.	VILNIUS TECH (0,6667)	6673923	Zhu, Y., Zhu, H., & Gribniak, V. (2022). Analyzing the sample geometry effect on mechanical performance of drilled GFRP connections. <i>Materials: Advanced Composites: From Materials Characterization to Structural Application (Second Volume)</i> , vol. 15(iss. 8), p. 1-19. doi: 10.3390/ma15082901	T 002 (50), T 008 (50)	11.2.	VILNIUS TECH (5,622)

Eil. Nr.	Mokslo ir studijų 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
834.	VILNIUS TECH (0,4)	6673966	Zohravi, S., Lakirouhani, A., Molladavoodi, H., Medzvieckas, J., & Kliukas, R. (2022). A new constitutive model for the time- dependent behavior of rocks with consideration of damage parameter. <i>Journal of civil engineering and management</i> , vol. 28 (iss. 3), p. 223-231. doi: 10.3846/jcem.2022.16609	T 002 (100)	11.2.	VILNIUS TECH (5,823)
835.	VILNIUS TECH (0,2)	6673978	Zolfani, S., Hasheminasab, H., Torkayesh, A., Zavadskas, E., & Derakhti, A. (2022). A literature review of MADM applications for site selection problems - One decade review from 2011 to 2020. <i>International journal of information technology and decision making</i> , vol. 21(iss. 1), p. 7-57. doi: 10.1142/S0219622021300019	T 002 (60), T 004 (40)	11.2.	VILNIUS TECH (3,815)
836.	VILNIUS TECH (0,2)	6674006	Zurowski, W., Zepchlo, J., Krzyzak, A., Gevorkyan, E., & Rucki, M. (2022). Effect of the quartz powder on the performance of the two layers glass fiber reinforced polymer composite with emulsion binder. <i>Composite structures</i> , vol. 298, p. 1-5. doi: 10.1016/j.compstruct.2022.116024	T 008 (100)	11.2.	VILNIUS TECH (5,202)
837.	VILNIUS TECH (0,25)	6674025	Zyczynska, A., Suchorab, Z., Majerek, D., & Motuzienė, V. (2022). Statistical analysis of the variability of energy efficiency indicators for a multi-family residential building. <i>Energies</i> , vol. 15 (iss. 14), p. 1-14. doi: 10.3390/en15145042	T 006 (100)	11.2.	VILNIUS TECH (1,749)
838.	VILNIUS TECH (1)	6674037	Martinaitis, V., Bielskus, J., Motuzienė, V., Streckienė, G., & Rimdžius, D. (2022). <i>European Patent No. EP EP 3764005 B1</i> . Munich: European Patent Office.	T 006 (50), T 009 (50)	11.4.	VILNIUS TECH (15)
839.	VILNIUS TECH (1)	6674049	Serackis, A., Navakauskas, D., Matuzevičius, D., Sledevič, T., & Abromavičius, V. (2022). <i>European Patent No. EP US 11520947 B1</i> . European Patent Office: European Patent Office.	T 001 (50), T 007 (50)	11.4.	VILNIUS TECH (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, taškais ⁵
840.	VILNIUS TECH (0,3333)	6676798	Członka, S., Kairytė, A., & Strąkowska, A. (2022). Bio-based foam insulation. In A. Kairytė, <i>Thermal insulation and radiation control technologies for buildings</i> (Chapter 7, p. 177-216). Cham: Springer International Publishing.	T 002 (20), T 008 (80)	11.1.	VILNIUS TECH (13,435)
841.	VILNIUS TECH (1)	6676814	Žuraulis, V., & Pumputis, V. (2022). <i>Vision Zero in Lithuania</i> . Cham: Springer.	T 003 (100)	11.1.	VILNIUS TECH (28,5)
842.	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.	T 007 (50)	11.1.	VDU (2,835)
843.	KTU (0,6); VDU (0,2)	6683313	Tamulis, Ž., Vasiljevas, M., Damaševičius, R., Maskeliūnas, R., & Misra, S. (2022). Affective computing for eHealth using low-cost remote internet of things-based EMG platform. In <i>Intelligent internet of things for healthcare and industry / U</i> (67-81). Cham: Springer.	T 007 (100)	11.1.	KTU (10,912); VDU (3,637)
844.	VDU (0,1667)	6683346	Wei, W., Ho, E., McCay, K., Damaševičius, R., Maskeliūnas, R., & Esposito, A. (2022). Assessing facial symmetry and attractiveness using augmented reality. <i>Pattern analysis and applications</i> , 25(3), 635-651. doi: 10.1007/s10044-021-00975-z	T 007 (100)	11.2.	VDU (2,558)
845.	VDU (0,25)	6683373	Zhao, Y., Man, K., Smith, J., & Guan, S. (2022). A novel two- stream structure for video anomaly detection in smart city management. <i>Journal of Supercomputing</i> , 78(3), 3940-3954. doi: 10.1007/s11227-021-04007-9	T 007 (100)	11.2.	VDU (4,03)
846.	KTU (0,625); LSMU (0,375)	6684829	Leskauskaitė, D., Venskutonis, P., Keršienė, M., Jasutienė, I., Eisinaitė, V., & Lesauskaitė, V. et al. (2022). <i>European Patent No. EP EP3925451B1</i> . KMU02: European Patent Office.	T 005 (70)	11.4.	KTU (6,563); LSMU (3,938)

Eil. Nr.	Mokslo ir studijų 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
847.	VDU (1)	6687638	Karayel, D. (2022). Sebze Fidesi Yetiştiriciliğinde Tohum Ekimi, Fidelerin Transferi ve Fide Dikiminde Mekanizasyon Uygulamaları. In <i>Sebzelerde Fide Yetiştiriciliği-I / editörler H. Yetisir, S. Ş. Ellialtnoglu</i> (231-278). Ankara: Gece Kitaplığı.	T 009 (100)	11.00	VDU (–)
848.	KTU (0,8571)	6693436	Feiferytė-Skirienė, A., Draudvilienė, L., Stasiškienė, Ž., Sosunkevič, S., Pamakštys, K., & Daniusevičiūtė-Brazaitė, L. et al. (2022). Co-creation hub is the first step for the successful creation of a unified urban ecosystem-Kaunas city example. <i>International journal of environmental research and public health</i> , vol. 19(iss. 5), p. 1-12. doi: 10.3390/ijerph19052609	T 004 (80)	11.00	KTU (–)
849.	KTU (0,75)	6694784	Avizovas, R., Baskutis, S., Navickas, V., & Tamándl, L. (2022). Effect of chemical composition of clay on physical-mechanical properties of clay paving blocks. <i>Buildings</i> , vol. 12(iss. 7), p. 1- 19. doi: 10.3390/buildings12070943	T 002 (50), T 009 (50)	11.2.	KTU (7,808)
850.	KTU (1)	6695171	Kliziene, I., Paskovske, A., Čižauskas, G., Augustiniene, A., Simonaitiene, B., & Kubiliunas, R. (2022). The impact of achievements in mathematics on cognitive ability in primary school. <i>Brain sciences</i> , vol. 12(iss. 6), p. 1-17. doi: 10.3390/brainsci12060736	T 007 (30), T 009 (20)	11.2.	KTU (3,511)
851.	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)</i> , Coimbra, Portugal, 29 June - 1 July, 2022 / F. Lopes, I. Fonseca (eds.), p. 132-135. doi: 10.1109/EAEIE54893.2022.9820202			KTU (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, taškais ⁵
852.	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	T 007 (30)	11.00	MRU (–)
853.	MRU (1)	6704983	Žilinskienė, I. (2022). Exploring Learning Analytics for the Course Design Improvement: The Results of a Pilot Experiment. <i>Baltic journal of modern computing</i> , vol. 10(no. 1), p. 36-54. doi: 10.22364/bjmc.2022.10.1.03	T 007 (30)	11.00	MRU (–)
854.	KTU (0,2)	6706435	Abiodun, M., Awotunde, J., Adeniyi, E., Ogundokun, R., & Misra, S. (2022). Analytics of IoT-based system for monitoring students' progress in educational environment. In <i>New frontiers in cloud computing and Internet of Things</i> / R. Buyya, L. Garg, G. Fortino, S. Misra (eds.) (p. 323-342). Cham: Springer.	T 007 (100)	11.1.	KTU (6,261)
855.	KTU (0,0833)	6706447	Alam, M., Islam, T., Repon, M., & Hoque, M. (2022). Carbon-based polymer nanocomposites for electronic textiles (e-textiles). In <i>Advanced polymer nanocomposites: science, technology and applications</i> / Md E. Hoque, K. Ramar, A. Sharif (eds.) (p. 443- 482). Kidlington: Woodhead publishing.	T 008 (100)	11.00	KTU (–)
856.	KTU (0,3333)	6706458	Bagga, R., Mishra, A., & Tiwari, K. (2022). Internet of things: concept, implementations and applications. In <i>Smart computing and self-adaptive systems: [monograph]</i> / edited by S.P. Singh, A. Solanki, A. Sharma, Z. Polkowski, R. Kumar (p. 47-66). Boca Raton, FL: CRC press.	T 010 (100)	11.1.	KTU (6,6)
857.	KTU (0,8)	6706468	Bruzgiene, R., Narbutaite, L., Adomkus, T., Pauliute, J., & Kunicina, N. (2022). Inquiry-based learning focused on inclusive education in programming of robots: challenges, experience, and feedback of first cycle students. In <i>Inclusive digital education</i> / editor Linda Daniela (p. 71-95). Cham: Springer.	T 007 (100)	11.1.	KTU (20,365)

Eil. Nr.	Mokslo ir studijų 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
858.	KTU (0,5)	6706480	Charlton, P., & Marozas, V. (2022). Wearable photoplethysmography devices. In <i>Photoplethysmography: technology, signal analysis and applications: [monograph]</i> / edited by: Panicos A. Kyriacou, John Allen (ch. 12, p. 401-438). London: Academic press (Elsevier).	T 001 (80), T 010 (20)	11.1.	KTU (23,383)
859.	KTU (0,2)	6706509	Odusami, M., Misra, S., Abayomi-Alli, O., Olamilekan, S., & Moses, C. (2022). An enhanced IoT-based array of sensors for monitoring patients' health. In <i>Intelligent internet of things for healthcare and industry: [monograph]</i> / U. Ghosh, Ch. Chakraborty, L. Garg, G. Srivastava (eds.) (p. 105-125). Cham: Springer.	T 007 (100)	11.1.	KTU (5,196)
860.	KTU (0,25)	6706521	Sathish Kumar, K., Om Prakash, P., Alangudi Balaji, N., & Damaševičius, R. (2022). Internet of things and big data analytics for smart healthcare. In <i>Handbook of intelligent healthcare analytics: knowledge engineering with big data analytics</i> / edited by A. Jaya, K. Kalaiselvi, Dinesh Goyal, Dhiya AL-Jumeily (p. 147- 165). Hoboken, NJ: John Wiley & sons.	T 007 (100)	11.1.	KTU (6,75)
861.	KTU (0,75)	6706562	Abayomi-Alli, O., Damaševičius, R., Maskeliūnas, R., & Misra, S. (2022). An ensemble learning model for COVID-19 detection from blood test samples. <i>Sensors</i> , vol. 22(iss. 6), p. 1-18. doi: 10.3390/s22062224	T 007 (100)	11.2.	KTU (8,744)
862.	KTU (0,4)	6706590	Abayomi-Alli, O., Damaševičius, R., Qazi, A., Adedoyin-Olowe, M., & Misra, S. (2022). Data augmentation and deep learning methods in sound classification: a systematic review. <i>Electronics</i> , vol. 11(iss. 22), p. 1-32. doi: 10.3390/electronics11223795	T 007 (100)	11.2.	KTU (5,101)
863.	KTU (0,3333)	6706603	Abayomi-Alli, O., Misra, S., & Abayomi-Alli, A. (2022). A deep learning method for automatic SMS spam classification: performance of learning algorithms on indigenous dataset. <i>Concurrency and computation: practice and experience</i> , vol. 34 (iss. 17), p. 1-15. doi: 10.1002/cpe.6989	T 007 (100)	11.2.	KTU (3,193)

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
864.	KTU (0,1667)	6706623	Abbara, A., Abdelhalim, A., Al-Ajamee, M., Ahmed, O., Adhikary, S., & Ahmed, M. (2022). Uniaxial compressive stress-strain relationship for rubberized concrete with coarse aggregate replacement up to 100%. <i>Case studies in construction materials</i> , vol. 17, p. 1-15. doi: 10.1016/j.cscm.2022.e01336	T 002 (100)	11.2.	KTU (2,788)
865.	KTU (0,6667)	6706642	Adhikary, S., Ashish, D., & Rudžionis, Ž. (2022). A review on sustainable use of agricultural straw and husk biomass ashes: transitioning towards low carbon economy. <i>Science of the total environment</i> , vol. 838(pt. 3), p. 1-16. doi: 10.1016/j.scitotenv. 2022.156407	T 002 (100)	11.2.	KTU (11,836)
866.	KTU (0,5)	6706652	Adhikary, S., & Ashish, D. (2022). Turning waste expanded polystyrene into lightweight aggregate: towards sustainable construction industry. <i>Science of the total environment</i> , vol. 837, p. 1-15. doi: 10.1016/j.scitotenv.2022.155852	T 002 (100)	11.2.	KTU (8,877)
867.	KTU (1)	6706690	Adhikary, S. (2022). The influence of pre-coated EGA and aerogel on the properties of lightweight self-compacting cementitious composites. <i>Materials today communications</i> , vol. 31, p. 1-8. doi: 10.1016/j.mtcomm.2022.103496	T 002 (100)	11.2.	KTU (6,29)
868.	KTU (0,4286)	6706725	Adouni, K., Bendif, H., Zouaoui, O., Kraujalis, P., Flamini, G., & Venskutonis, P. et al. (2022). Antioxidant activity of extracts obtained by high-pressure extraction procedures from <i>Asparagus stipularis</i> Forssk. <i>South African journal of botany</i> , vol. 146, p. 789-793. doi: 10.1016/j.sajb.2021.12.027	T 005 (100)	11.2.	KTU (6,04)
869.	KTU (0,5)	6706750	Albrektas, D., & Styraitė, A. (2022). Modelling and investigating real-world drying defects in wood. <i>Drvna industrija</i> , vol. 73(no. 2), p. 115-123. doi: 10.5552/drvind.2022.2040	T 008 (100)	11.2.	KTU (2,328)

Eil. Nr.	Mokslo ir studijų 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.	KTU (0,25)	6706760	Alfaro, G., & Sanjuan, M. (2022). Time-dependent effects hinder cooperation on the public goods game. <i>Chaos solitons & fractals</i> , vol. 160, p. 1-6. doi: 10.1016/j.chaos.2022.112206	T 007 (100)	11.2.	KTU (6,368)
871.	KTU (0,0476)	6706785	Alim, M., Moniruzzaman, M., Hossain, M., Wahiduzzaman, -, Repon, M., & Hossain, I. et al. (2022). Manufacturing and compatibilization of binary blends of superheated steam treated jute and poly (lactic acid) biocomposites by melt-blending technique. <i>Heliyon</i> , vol. 8(iss. 8), p. 1-7. doi: 10.1016/j.heliyon. 2022.e09923	T 008 (100)	11.2.	KTU (0,561)
872.	KTU (0,0714)	6706799	Alim, M., Repon, M., Islam, T., Mishfa, K., Jalil, M., & Aljabri, M. et al. (2022). Mapping the progress in natural dye-sensitized solar cells: materials, parameters and durability. <i>ChemistrySelect</i> , vol. 7(iss. 23), p. 1-23. doi: 10.1002/slct.202201557	T 008 (100)	11.2.	KTU (0,781)
873.*	KTU (0,25)	6706814	Allioui, H., Mohammed, M., Benameur, N., Al-Khateeb, B., Abdulkareem, K., & Garcia-Zapirain, B. et al. (2022). A Multi- agent deep reinforcement learning approach for enhancement of COVID-19 CT image segmentation. <i>Journal of personalized medicine</i> , vol. 12(iss. 2), p. 1-23. doi: 10.3390/jpm12020309	T 007 (100)	11.2	KTU (3,981)
874.	KTU (0,1429)	6706830	Al-Waisy, A., Ibrahim, D., Zebari, D., Hammadi, S., Mohammed, H., & Mohammed, M. et al. (2022). Identifying defective solar cells in electroluminescence images using deep feature representations. <i>PeerJ computer science</i> , vol. 8, p. 1-18. doi: 10.7717/peerj-cs.992	T 007 (100)	11.2.	KTU (2,566)
875.	KTU (0,8)	6706850	Atmakuri, A., Kolli, L., Palevicius, A., Urbaite, S., & Janusas, G. (2022). Influence of filler materials on wettability and mechanical properties of Basalt/E-glass woven fabric-reinforced composites for microfluidics. <i>Micromachines</i> , vol. 13(iss. 11), p. 1-14. doi: 10.3390/mi13111875	T 009 (100)	11.2.	KTU (7,226)

* Eilutės Nr. 873 pakeitimai: Nr. [V-604](#), 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
876.	KTU (1)	6707040	Atmakuri, A., Palevicius, A., Vilkauskas, A., & Janusas, G. (2022). Numerical and experimental analysis of mechanical properties of natural-fiber-reinforced hybrid polymer composites and the effect on matrix material. <i>Polymers</i> , vol. 14(iss. 13), p. 1-18. doi: 10.3390/polym14132612	T 009 (100)	11.2.	KTU (8,731)
877.	KTU (0,0588)	6707065	Attia, S., Kurnitski, J., Kosiński, P., Borodinecs, A., Deme Belafi, Z., & István, K. et al. (2022). Overview and future challenges of nearly zero-energy building (nZEB) design in Eastern Europe. <i>Energy and buildings</i> , vol. 267, p. 1-17. doi: 10.1016/j.enbuild.2022.112165	T 002 (100)	11.2.	KTU (2,339)
878.	KTU (1)	6707090	Augonis, A., Ivanauskas, E., Bocullo, V., Kantautas, A., & Vaičiukynienė, D. (2022). The influence of expanded glass and expanded clay on lightweight aggregate shotcrete properties. <i>Materials</i> , vol. 15(iss. 5), p. 1-13. doi: 10.3390/ma15051674	T 002 (100)	11.2.	KTU (5,963)
879.	KTU (1)	6707113	Augustiniene, E., & Malys, N. (2022). Identification and characterization of L- and D-lactate-inducible systems from Escherichia coli MG1655, Cupriavidus necator H16 and Pseudomonas species. <i>Scientific reports</i> , vol. 12(iss. 1), p. 1-11. doi: 10.1038/s41598-022-06028-7	T 005 (100)	11.2.	KTU (6,472)
880.	KTU (1)	6707170	Bagdonas, V., Daukšys, M., & Mockienė, J. (2022). The selection of skylight type for a certain building using evaluation criteria and the multi-criteria decision-making method. <i>Buildings</i> , vol. 12 (iss. 12), p. 1-30. doi: 10.3390/buildings12122058	T 002 (100)	11.2.	KTU (7,361)
881.	KTU (1)	6707191	Baltuonytė, G., Eisinaitytė, V., Kazernavičiūtė, R., Vinauskienė, R., Jasutienė, I., & Leskauskaitė, D. (2022). Novel formulation of bigel-based vegetable oil spreads enriched with lingonberry pomace. <i>Foods</i> , vol. 11(iss. 15), p. 1-13. doi: 10.3390/foods11152213	T 005 (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
882.	KTU (1)	6707256	Baranauskas, V., Jakas, Ž., Šarkauskas, K., Bartkevičius, S., Dervinis, G., & Dervinienė, A. et al. (2022). Mobile robots' collision prediction based on virtual cocoons. <i>Intelligent automation and soft computing</i> , vol. 32(iss. 3), p. 1343-1356. doi: 10.32604/iasc.2022.022288	T 001 (50), T 007 (50)	11.2.	KTU (4,328)
883.	KTU (1)	6707277	Baranauskienė, R., & Venskutonis, P. (2022). Supercritical CO2 extraction of Narcissus poeticus L. flowers for the isolation of volatile fragrance compounds. <i>Molecules</i> , vol. 27(iss. 2), p. 1-20. doi: 10.3390/molecules27020353	T 005 (100)	11.2.	KTU (7,154)
884.	KTU (1)	6707383	Bazaras, Ž., & Lukoševičius, V. (2022). Statistical assessment of low-cycle fatigue durability. <i>Symmetry</i> , vol. 14(iss. 6), p. 1-18. doi: 10.3390/sym14061205	T 003 (30), T 009 (70)	11.2.	KTU (4,626)
885.	KTU (1)	6707393	Bazaras, Ž., & Lukoševičius, V. (2022). Statistical characterization of strain-controlled low-cycle fatigue behavior of structural steels and aluminium material. <i>Materials</i> , vol. 15(iss. 24), p. 1-24. doi: 10.3390/ma15248808	T 003 (30), T 009 (70)	11.2.	KTU (5,963)
886.	KTU (1)	6707403	Bazaras, Ž., & Lukoševičius, V. (2022). Statistical estimation of resistance to cyclic deformation of structural steels and aluminum alloy. <i>Metals</i> , vol. 12(iss. 1), p. 1-23. doi: 10.3390/met12010047	T 003 (30), T 009 (70)	11.2.	KTU (5,523)
887.	KTU (0,0667)	6707427	Belwal, T., Cravotto, C., Prieto, M., Venskutonis, P., Daglia, M., & Devkota, H. et al. (2022). Effects of different drying techniques on the quality and bioactive compounds of plant-based products: a critical review on current trends. <i>Drying technology</i> , vol. 40(iss. 8), p. 1539-1561. doi: 10.1080/07373937.2022.2068028	T 005 (100)	11.2.	KTU (1,45)

Eil. Nr.	Mokslo ir studijų 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
888.	KTU (1)	6707459	Bener, G., Kopustinskas, V., Guobienė, A., Vasiliauskas, A., Andrulėvičius, M., & Meškiniš, Š. (2022). Cobalt-activated transfer-free synthesis of the graphene on Si(100) by anode layer ion source. <i>Processes</i> , vol. 10(iss. 2), p. 1-23. doi: 10.3390/pr10020272	T 008 (100)	11.2.	KTU (5,603)
889.	KTU (0,6667)	6707472	Bernard, R., Andrulėviciene, V., Belousov, G., Vaitusionak, A., Tsiko, U., & Volyniuk, D. et al. (2022). Methoxy-substituted carbazole-based polymers obtained by RAFT polymerization for solution-processable organic light-emitting devices. <i>European polymer journal</i> , vol. 174, p. 1-10. doi: 10.1016/j.eurpolymj.2022.111323	T 005 (100)	11.2.	KTU (9,501)
890.	KTU (1)	6707488	Bernard, R., Andrulėviciene, V., Bezvikonnyi, O., Volyniuk, D., Simokaitiene, J., & Kublickas, R. et al. (2022). Impact of the substitution pattern of the acceptor on the properties of the bis (trifluoromethyl)phenyl disubstituted aromatic diamines. <i>Journal of photochemistry and photobiology A: Chemistry</i> , vol. 430, p. 1- 8. doi: 10.1016/j.jphotochem.2022.113969	T 005 (100)	11.2.	KTU (6,013)
891.	KTU (0,75)	6707518	Bliūdžius, R., Miškinis, K., Buhagiar, V., & Banionis, K. (2022). Sound insulation of façade element with triple IGU. <i>Buildings</i> , vol. 12(iss. 8), p. 1-17. doi: 10.3390/buildings12081239	T 002 (100)	11.2.	KTU (7,807)
892.	KTU (0,25)	6707567	Bolmanis, E., Grigs, O., Kazaks, A., & Galvanauskas, V. (2022). High-level production of recombinant HBcAg virus-like particles in a mathematically modelled <i>P. pastoris</i> GS115 Mut+ bioreactor process under controlled residual methanol concentration. <i>Bioprocess and biosystems engineering</i> , vol. 45(iss. 9), p. 1447- 1463. doi: 10.1007/s00449-022-02754-4	T 007 (100)	11.2.	KTU (2,771)

Eil. Nr.	Mokslo ir studijų 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
893.	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	T 008 (70)	11.2.	KTU (6,112)
894.	KTU (1)	6707621	Bucinskas, A., Bezvikonnyi, O., Durgaryan, R., Volyniuk, D., Tomkeviciene, A., & Grazulevicius, J. (2022). New m-MTDATA skeleton-based hole transporting materials for multi-resonant TADF OLEDs. <i>Physical chemistry chemical physics</i> , vol. 24(iss. 45), p. 27847-27855. doi: 10.1039/d2cp03811k	T 005 (100)	11.2.	KTU (5,645)
895.	KTU (0,5)	6707636	Bumanis, G., Bajare, D., Korjakins, A., & Vaičiukynienė, D. (2022). Sulfate and freeze-thaw resistance of porous geopolymer based on waste clay and aluminum salt slag. <i>Minerals</i> , vol. 12(iss. 9), p. 1-12. doi: 10.3390/min12091140	T 002 (100)	11.2.	KTU (5,053)
896.	KTU (1)	6707648	Bumanis, G., & Vaičiukynienė, D. (2022). Alkali activation of milled red brick waste and calcined illite clay with silica gel addition. <i>Materials</i> , vol. 15(iss. 9), p. 1-12. doi: 10.3390/ma15093195	T 002 (100)	11.2.	KTU (5,963)
897.	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	T 007 (50)	11.2.	KTU (7,462)
898.	KTU (0,4)	6710432	Chakilam, S., Brožek, J., Chajec, Ł., Poprawa, I., & Gaidys, R. (2022). Ultra-morphology and mechanical function of the trichoideum sensillum in <i>Nabis rugosus</i> (Linnaeus, 1758) (Insecta: Heteroptera: Cimicomorpha). <i>Insects</i> , vol. 13(iss. 9), p. 1-20. doi: 10.3390/insects13090799	T 009 (100)	11.2.	KTU (6,296)

Eil. Nr.	Mokslo ir studijų 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
899.	KTU (1)	6710445	Chandrasekaran, V., & Dvarionienė, J. (2022). A review of the environmental impact of buildings with an emphasis on performance assessment tools and their incorporation of LCA. <i>Advances in civil engineering</i> , vol. 2022, p. 1-22. doi: 10.1155/2022/9947920	T 004 (100)	11.2.	KTU (4,539)
900.	KTU (0,125)	6710455	Charlton, P., Paliakaitė, B., Pilt, K., Bachler, M., Zanelli, S., & Kulin, D. et al. (2022). Assessing hemodynamics from the photoplethysmogram to gain insights into vascular age: a review from VascAgeNet. <i>American journal of physiology - Heart and circulatory physiology</i> , vol. 322(iss. 4), p. H493-H522. doi: 10.1152/ajpheart.00392.2021	T 001 (40), T 010 (40)	11.2.	KTU (3,738)
901.	KTU (1)	6710497	Ciganas, J., Griskevicius, P., Palevicius, A., Urbaite, S., & Janusas, G. (2022). Development of finite element models of PP, PETG, PVC and SAN polymers for thermal imprint prediction of high- aspect-ratio microfluidics. <i>Micromachines</i> , vol. 13(iss. 10), p. 1- 14. doi: 10.3390/mi13101655	T 009 (100)	11.2.	KTU (6,387)
902.	KTU (1)	6710510	Cigane, U., Palevicius, A., & Janusas, G. (2022). Vibration-assisted synthesis of nanoporous anodic aluminum oxide (AAO) membranes. <i>Micromachines</i> , vol. 13(iss. 12), p. 1-13. doi: 10.3390/mi13122236	T 009 (100)	11.2.	KTU (6,387)
903.	KTU (1)	6710521	Cigane, U., Palevicius, A., Jurenas, V., Pilkauskas, K., & Janusas, G. (2022). Development and analysis of electrochemical reactor with vibrating functional element for AAO nanoporous membranes fabrication. <i>Sensors</i> , vol. 22(iss. 22), p. 1-14. doi: 10.3390/s22228856	T 009 (100)	11.2.	KTU (8,244)
904.	KTU (1)	6710534	Cirtautas, D., Samaitis, V., Mažeika, L., Raišutis, R., & Žukauskas, E. (2022). Selection of higher order lamb wave mode for assessment of pipeline corrosion. <i>Metals</i> , vol. 12(iss. 3), p. 1-20. doi: 10.3390/met12030503	T 001 (80), T 010 (20)	11.2.	KTU (5,523)

Eil. Nr.	Mokslo ir studijų 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
905.	KTU (1)	6710553	Ciuzas, D., Krugly, E., Sriubaite, S., Pauliukaityte, I., Baniukaitiene, O., & Bulota, M. et al. (2022). Electrospun cellulose fibers from ionic liquid: practical implications toward robust morphology. <i>Journal of applied polymer science</i> , vol. 139 (iss. 3), p. 1-13. doi: 10.1002/app.51525	T 004 (60), T 005 (40)	11.2.	KTU (6,038)
906.	KTU (0,0769)	6710570	Cruz, R., Krauter, V., Krauter, S., Agriopoulou, S., Weinrich, R., & Herbes, C. et al. (2022). Bioplastics for food packaging: environmental impact, trends and regulatory aspects. <i>Foods</i> , vol. 11(iss. 19), p. 1-39. doi: 10.3390/foods11193087	T 005 (100)	11.2.	KTU (2,262)
907.	KTU (0,75)	6710614	Dambrauskas, T., Davidoviciene, D., Baltakys, K., Eisinias, A., Jaskunas, A., & Siler, P. et al. (2022). Effect of intercalated metal ions on the specific surface area and porosity of dibasic calcium silicate hydrate. <i>Surfaces and interfaces</i> , vol. 33, p. 1-11. doi: 10.1016/j.surfin.2022.102243	T 005 (100)	11.2.	KTU (11,672)
908.	KTU (1)	6710630	Danenas, P., & Skersys, T. (2022). Exploring natural language processing in model-to-model transformations. <i>IEEE Access</i> , vol. 10, p. 116942-116958. doi: 10.1109/ACCESS.2022.3219455	T 007 (100)	11.2.	KTU (8,117)
909.	KTU (0,3)	6710640	Danos, A., Gudeika, D., Kukhta, N., Lygaitis, R., Colella, M., & Higginbotham, H. et al. (2022). Not the sum of their parts: understanding multi-donor interactions in symmetric and asymmetric TADF emitters. <i>Journal of materials chemistry C</i> , vol. 10(iss. 12), p. 4737-4747. doi: 10.1039/d1tc04171a	T 005 (100)	11.2.	KTU (4,996)
910.	KTU (0,3571)	6710657	Danyliv, Y., Ivaniuk, K., Danyliv, I., Bezvikonnyi, O., Volyniuk, D., & Galyna, S. et al. (2022). Carbazole-σ-sulfobenzimide derivative exhibiting mechanochromic thermally activated delayed fluorescence as emitter for flexible OLEDs: theoretical and experimental insights. <i>Dyes and pigments</i> , vol. 208, p. 1-11. doi: 10.1016/j.dyepig.2022.110841	T 005 (80), T 008 (20)	11.2.	KTU (6,372)

Eil. Nr.	Mokslo ir studijų 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
911.	KTU (0,1429)	6710692	Degli Esposti, E., Bedon, C., Jonaitiene, V., Kazak, J., Liotta, L., & Priniotakis, G. et al. (2022). Smart textiles in building and living applications: WG4 CONTEXT insight on elderly and healthcare environments. <i>Buildings</i> , vol. 12(iss. 12), p. 1-18. doi: 10.3390/buildings12122156	T 008 (100)	11.2.	KTU (2,782)
912.	KTU (1)	6710707	Deltuva, R., Lukočius, R., & Otas, K. (2022). Dynamic stability analysis of isolated power system. <i>Applied sciences</i> , vol. 12(iss. 14), p. 1-22. doi: 10.3390/app12147220	T 001 (70), T 006 (30)	11.2.	KTU (5,311)
913.	KTU (1)	6710755	Dobilaitė, V., Jucienė, M., Bliūdžius, R., & Šveikauskaitė, L. (2022). Investigation of some weathering impacts on tearing properties of PVC-coated fabrics used for architectural purposes. <i>Journal of industrial textiles</i> , vol. 51(iss. 3), p. 5328S-5346S. doi: 10.1177/1528083720982384	T 002 (100)	11.2.	KTU (8,788)
914.	KTU (1)	6710773	Draudvilienė, L., Meškuotienė, A., Raišutis, R., Tumšys, O., & Surgautė, L. (2022). Accuracy assessment of the 2D-FFT method based on peak detection of the spectrum magnitude at the particular frequencies using the Lamb wave signals. <i>Sensors</i> , vol. 22(iss. 18), p. 1-17. doi: 10.3390/s22186750	T 001 (10), T 010 (90)	11.2.	KTU (8,244)
915.	KTU (0,5)	6710805	Durgaryan, R., & Durgaryan, N. (2022). Chemical oxidative condensation of benzidine in non-aqueous medium: synthesis and investigation of oligomers and polymer with benzidine diimine units. <i>Polymers</i> , vol. 14(iss. 1), p. 1-10. doi: 10.3390/polym14010034	T 008 (100)	11.2.	KTU (6,174)
916.	KTU (0,55)	6710818	Durgaryan, R., Simokaitiene, J., Volyniuk, D., Bezvikonnyi, O., Danyliv, Y., & Kim, B. et al. (2022). Enhancement of hole extraction efficiency of dibenzothiophenes by substitution engineering: toward additive-free perovskite solar cells with power conversion efficiency exceeding 20%. <i>Solar RRL</i> , vol. 6(iss. 7), p. 1-15. doi: 10.1002/solr.202200128	T 005 (100)	11.2.	KTU (11,551)

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
917.	KTU (1)	6710851	Eisinas, A., Dambrauskas, T., Eisinaite, V., & Sipailiene, A. (2022). Synthesis of antibacterially active wollastonite by using dense calcium silicate hydrate samples. <i>Journal of thermal analysis and calorimetry</i> , vol. 147(iss. 24), p. 14163-14174. doi: 10.1007/s10973-022-11632-w	T 005 (100)	11.2.	KTU (7,233)
918.	KTU (0,0833)	6710863	Ewald, V., Sridaran Venkat, R., Asokkumar, A., Benedictus, R., Boller, C., & Groves, R. (2022). Perception modelling by invariant representation of deep learning for automated structural diagnostic in aircraft maintenance: a study case using DeepSHM. <i>Mechanical systems and signal processing</i> , vol. 165, p. 1-31. doi: 10.1016/j.ymssp.2021.108153	T 001 (50), T 010 (50)	11.2.	KTU (2,41)
919.	KTU (0,0667)	6710879	Faysal, G., Azad, T., Repon, M., Hossain, M., & Jalil, M. (2022). Sustainable yarn production using leftover fabric from apparel industries. <i>Heliyon</i> , vol. 8(iss. 11), p. 1-6. doi: 10.1016/j.heliyon. 2022.e11377	T 008 (100)	11.2.	KTU (0,962)
920.	KTU (0,1111)	6710902	Filho, W., Barbir, J., Abubakar, I., Paço, A., Stasiskiene, Z., & Hornbogen, M. et al. (2022). Consumer attitudes and concerns with bioplastics use: an international study. <i>Plos One</i> , vol. 17(iss. 4), p. 1-16. doi: 10.1371/journal.pone.0266918	T 004 (100)	11.2.	KTU (1,391)
921.	KTU (0,25)	6710919	Frivaldsky, M., Pipiska, M., Zurek-Mortka, M., & Andriukaitis, D. (2022). PFC inductor design considering suppression of the negative effects of fringing flux. <i>Applied sciences</i> , vol. 12(iss. 13), p. 1-16. doi: 10.3390/app12136815	T 001 (100)	11.2.	KTU (2,3)
922.	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	T 008 (50)	11.2.	KTU (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
923.	KTU (0,75)	6710953	Gauronskaitė, S., Dobilaitė, V., Jucienė, M., & Albrektas, D. (2022). Effect of open-holes on mechanical properties of wood composite materials. <i>Wood research</i> , vol. 67(iss. 1), p. 41-50. doi: 10.37763/WR.1336-4561/67.1.4150	T 002 (50), T 008 (50)	11.2.	KTU (3,854)
924.	KTU (1)	6710967	Gedeike, I., Baltakys, K., & Eisinas, A. (2022). Thermal stability of synthetic high basicity calcium silicate hydrates substituted with Cr ³⁺ ions. <i>Materials characterization</i> , vol. 193, p. 1-9. doi: 10.1016/j.matchar.2022.112231	T 005 (100)	11.2.	KTU (8,033)
925.	KTU (1)	6710978	Germanaite, I., Zaleckis, K., Butleris, R., & Lopata, A. (2022). General spatial pattern and meta-pattern model for problems that need analytical approach in complex spatial systems. <i>Applied sciences</i> , vol. 12(iss. 1), p. 1-20. doi: 10.3390/app12010302	T 007 (100)	11.2.	KTU (5,311)
926.	KTU (1)	6711003	Gily, 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	T 009 (30)	11.2.	KTU (2,619)
927.	KTU (0,0417)	6711028	Gorudko, I., Grigorieva, D., Shamova, E., Gorbunov, N., Kokhan, A., & Kostevich, V. et al. (2022). Structure-biological activity relationships of myeloperoxidase to effect on platelet activation. <i>Archives of biochemistry and biophysics</i> , vol. 728, p. 1-12. doi: 10.1016/j.abb.2022.109353	T 008 (100)	11.2.	KTU (0,825)
928.	KTU (0,2)	6711052	Goździuk, M., Kavetsky, T., Roquero, D., Smutok, O., Gonchar, M., & Kráľovič, D. et al. (2022). UV-cured green polymers for biosensors: correlation of operational parameters of highly sensitive biosensors with nano-volumes and adsorption properties. <i>Materials</i> , vol. 15(iss. 19), p. 1-23. doi: 10.3390/ma15196607	T 005 (100)	11.2.	KTU (3,771)

Eil. Nr.	Mokslo ir studijų 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
929.	KTU (0,75)	6711075	Grauzeliene, S., Kastanauskas, M., Talacka, V., & Ostrauskaite, J. (2022). Photocurable glycerol-and vanillin-based resins for the synthesis of vitrimers. <i>ACS Applied polymer materials</i> , vol. 4(iss. 8), p. 6103-6110. doi: 10.1021/acsapm.2c00914	T 005 (100)	11.2.	KTU (8,341)
930.	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	T 007 (70)	11.2.	KTU (3,718)
931.	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	T 009 (80)	11.2.	KTU (3,591)
932.	KTU (0,0556)	6711253	Hakimi, N., Shahbakhti, M., Sappia, S., Horschig, J., Bronkhorst, M., & Floor-Westerdijk, M. et al. (2022). Estimation of respiratory rate from functional near-infrared spectroscopy (fNIRS): a new perspective on respiratory interference. <i>Biosensors</i> , vol. 12(iss. 12), p. 1-13. doi: 10.3390/bios12121170	T 010 (100)	11.2.	KTU (0,985)
933.	KTU (1)	6711270	Hamidioglu, I., Alenčikienė, G., Dzedulionytė, M., Zabulionė, A., Bali, A., & Šalaševičienė, A. (2022). Characterization of the quality and oxidative stability of hemp-oil-based oleogels as an animal fat substitute for meat patties. <i>Foods</i> , vol. 11(iss. 24), p. 1-15. doi: 10.3390/foods11244030	T 005 (100)	11.2.	KTU (8,868)
934.	KTU (0,5)	6711299	Hosseinnezhad, M., Nasiri, S., Fathi, M., & Janusas, G. (2022). New configuration of optical photosensitizers for dye-sensitized solar cells: combination of carbazole and xantone. <i>Journal of materials science: materials in electronics</i> , vol. 33(iss. 22), p. 17711-17721. doi: 10.1007/s10854-022-08634-7	T 009 (100)	11.2.	KTU (4,907)

Eil. Nr.	Mokslo ir studijų 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
935.	KTU (0,1)	6711310	Hosseinneshad, M., Nasiri, S., Fathi, M., Ghahari, M., & Gharanjig, K. (2022). Introduction of new configuration of dyes contain indigo group for dye-sensitized solar cells: DFT and photovoltaic study. <i>Optical materials</i> , vol. 124, p. 1-9. doi: 10.1016/j.optmat. 2022.111999	T 009 (100)	11.2.	KTU (1,425)
936.	KTU (0,2667)	6711328	Hryhorovskiy, P., Osadcha, I., Jurelionis, A., Basanskyi, V., & Hryhorovskiy, A. (2022). A BIM-based method for structural stability assessment and emergency repairs of large-panel buildings damaged by military actions and explosions: evidence from Ukraine. <i>Buildings</i> , vol. 12(iss. 11), p. 1-22. doi: 10.3390/buildings12111817	T 002 (100)	11.2.	KTU (3,4)
937.	KTU (0,1429)	6711340	Ishchenko, O., Plavan, V., Valeika, V., Koliada, M., Liashok, I., & Budash, Y. et al. (2022). Modified starch in composition with polyvinyl alcohol as a basis for development of the polymeric materials for pharmaceutical use. <i>Starch = Stärke</i> , vol. 74(iss. 9- 10), p. 1-10. doi: 10.1002/star.202200062	T 005 (100)	11.2.	KTU (1,018)
938.	KTU (0,0556)	6711355	Islam, M., Liman, M., Roy, M., Hossain, M., Repon, M., & Mamun, M. (2022). Cotton dyeing performance enhancing mechanism of mangiferin enriched bio-waste by transition metals chelation. <i>Journal of the Textile Institute</i> , vol. 113(iss. 4), p. 567-579. doi: 10.1080/00405000.2021.1892337	T 008 (100)	11.2.	KTU (0,824)
939.	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	T 008 (20)	11.2.	KTU (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
940.	KTU (1)	6711385	Ivanauskas, R., Bronusienė, 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	T 005 (20)	11.2.	KTU (1,193)
941.	KTU (1)	6711413	Jagelaviciute, J., Basinskiene, L., Cizeikiene, D., & Syrpas, M. (2022). Technological properties and composition of enzymatically modified cranberry pomace. <i>Foods</i> , vol. 11(iss. 15), p. 1-14. doi: 10.3390/foods11152321	T 005 (100)	11.2.	KTU (8,868)
942.	KTU (1)	6711442	Jankauskas, Š., Gudaitis, R., Vasiliauskas, A., Guobienė, A., & Meškinis, Š. (2022). The graphene structure's effects on the current-voltage and photovoltaic characteristics of directly synthesized graphene/n-Si(100) diodes. <i>Nanomaterials</i> , vol. 12 (iss. 10), p. 1-19. doi: 10.3390/nano12101640	T 008 (100)	11.2.	KTU (7,805)
943.	KTU (0,9286)	6711465	Jasiūnienė, E., Yilmaz, B., Smagulova, D., Bhat, G., Cicėnas, V., & Žukauskas, E. et al. (2022). Non-destructive evaluation of the quality of adhesive joints using ultrasound, X-ray, and feature- based data fusion. <i>Applied sciences</i> , vol. 12(iss. 24), p. 1-20. doi: 10.3390/app122412930	T 001 (50), T 010 (50)	11.2.	KTU (6,974)
944.	KTU (0,75)	6711546	Jucevičius, M., Ožiušas, R., Narvydas, G., & Jegelevičius, D. (2022). Permanent magnet tracking method resistant to background magnetic field for assessing jaw movement in wearable Devices. <i>Sensors</i> , vol. 22(iss. 3), p. 1-16. doi: 10.3390/s22030971	T 001 (80), T 010 (20)	11.2.	KTU (8,745)
945.	KTU (1)	6711560	Jucienė, M., Dobilaitė, V., Albrektas, D., & Bliūdžius, R. (2022). Investigation and evaluation of the performance of interior finishing panels made from denim textile waste. <i>Textile research journal</i> , vol. 92(iss. 23-24), p. 4666-4677. doi: 10.1177 /00405175221109636	T 002 (100)	11.2.	KTU (6,879)

Eil. Nr.	Mokslo ir studijų 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
946.	KTU (0,8)	6711587	Jucienė, M., Dobilaitė, V., Juchnevičienė, Ž., Bliūdžius, R., & Briedis, U. (2022). The influence of the washing cycles on the functionality of the electric-embroidered element. <i>Journal of the Textile Institute</i> , vol. 113(iss. 7), p. 1472-1478. doi: 10.1080/00405000.2021.1933803	T 002 (100)	11.2.	KTU (6,343)
947.	KTU (1)	6711622	Jurevičiūtė, I., Keršienė, M., Bašinskienė, L., Leskauskaitė, D., & Jasutienė, I. (2022). Characterization of berry pomace powders as dietary fiber-rich food ingredients with functional properties. <i>Foods</i> , vol. 11(iss. 5), p. 1-13. doi: 10.3390/foods11050716	T 005 (100)	11.2.	KTU (8,868)
948.	KTU (1)	6711635	Jurgelaitis, M., Ceponiene, L., & Butkiene, R. (2022). Solidity code generation from UML state machines in model-driven smart contract development. <i>IEEE Access</i> , vol. 10, p. 33465-33481. doi: 10.1109/ACCESS.2022.3162227	T 007 (100)	11.2.	KTU (8,117)
949.	KTU (1)	6711646	Jusas, V., Barisas, D., & Jančiukas, M. (2022). Game elements towards more sustainable learning in object-oriented programming course. <i>Sustainability</i> , vol. 14(iss. 4), p. 1-20. doi: 10.3390/su14042325	T 007 (100)	11.2.	KTU (6,498)
950.	GTC (0,4); KTU (0,4)	6711656	Navaruckiene, A., Bridziuvienė, D., Raudonienė, V., Rainosalo, 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	T 005 (50)	11.2.	GTC (1,822); KTU (1,822)
951.	KTU (0,5)	6711712	Kavaliauskas, P., Fernandez, J., McGuinness, K., & Jurelionis, A. (2022). Automation of construction progress monitoring by integrating 3D point cloud data with an IFC-based BIM model. <i>Buildings</i> , vol. 12(iss. 10), p. 1-19. doi: 10.3390/buildings12101754	T 002 (100)	11.2.	KTU (5,205)

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, taškais ⁵
952.	KTU (0,6667)	6711889	Kažys, R., Mažeika, L., Samaitis, V., Šliteris, R., Merck, P., & Viliūnas, Ž. (2022). Comparative analysis of ultrasonic NDT techniques for the detection and characterisation of hydrogen- induced cracking. <i>Materials</i> , vol. 15(iss. 13), p. 1-24. doi: 10.3390/ma15134551	T 001 (100)	11.2.	KTU (6,885)
953.	KTU (1)	6711903	Kazys, R., Sestoke, J., & Mazeika, L. (2022). Excitation and reception of higher-order guided Lamb wave's A1 and S1 modes in plastic and composite materials. <i>Materials</i> , vol. 15(iss. 20), p. 1-24. doi: 10.3390/ma15207249	T 001 (50), T 010 (50)	11.2.	KTU (5,962)
954.	KTU (1)	6711916	Kazys, R., Sestoke, J., & Zukauskas, E. (2022). Numerical investigation of excitation of various Lamb waves modes in thin plastic films. <i>Applied sciences</i> , vol. 12(iss. 2), p. 1-19. doi: 10.3390/app12020849	T 001 (50), T 010 (50)	11.2.	KTU (5,312)
955.	KTU (0,25)	6711941	Keruckiene, R., Lin, B., Chen, C., Chu, C., Lin, C., & Chiu, T. et al. (2022). Donor disubstituted trifluoromethyl benzenes for various electroluminescent devices. <i>Dyes and pigments</i> , vol. 198, p. 1- 10. doi: 10.1016/j.dyepig.2021.109956	T 005 (100)	11.2.	KTU (3,642)
956.	KTU (0,6667)	6711964	Keruckiene, R., Guzauskas, M., Volyniuk, D., Matulis, V., Lyakhov, D., & Grazulevicius, J. (2022). Theoretical and experimental insights into the properties of donor-σ-acceptor type derivatives of quinoxaline and methanone containing different donor moieties. <i>New journal of chemistry</i> , vol. 46(iss. 43), p. 20768- 20776. doi: 10.1039/D2NJ04233A	T 005 (100)	11.2.	KTU (6,175)
957.	KTU (0,6)	6711977	Khan, F., Mahmoudi, M., Volyniuk, D., Grazulevicius, J., & Misra, R. (2022). Stimuli-responsive phenothiazine-S,S-dioxide-based nondoped OLEDs with color-changeable electroluminescence. <i>Journal of physical chemistry C</i> , vol. 126(iss. 37), p. 15573- 15586. doi: 10.1021/acs.jpcc.2c04123	T 005 (100)	11.2.	KTU (4,891)

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
958.	KTU (0,6667)	6711989	Khan, F., Volyniuk, L., Ghasemi, M., Volyniuk, D., Grazulevicius, J., & Misra, R. (2022). Efficient monomolecular white emission of phenothiazine boronic ester derivatives with room temperature phosphorescence. <i>Journal of materials chemistry C</i> , vol. 10(iss. 28), p. 10347-10355. doi: 10.1039/d2tc01612e	T 005 (100)	11.2.	KTU (9,065)
959.	KTU (0,125)	6712003	Khan, M., Arshad, H., Damaševičius, R., Alqahtani, A., Alsubai, S., & Binbusayyis, A. et al. (2022). Human gait analysis: a sequential framework of lightweight deep learning and improved moth- flame optimization algorithm. <i>Computational intelligence and neuroscience</i> , vol. 2022, p. 1-13. doi: 10.1155/2022/8238375	T 007 (100)	11.00	KTU (–)
960.	KTU (0,25)	6712018	Khan, S., Khan, M., Haider, S., & Damaševičius, R. (2022). Hyperspectral image classification using NRS with different distance measurement techniques. <i>Multimedia tools and applications</i> , vol. 81(iss. 17), p. 24869-24885. doi: 10.1007/s11042-022-12263-x	T 007 (100)	11.2.	KTU (3,954)
961.	KTU (0,0476)	6712029	Kibria, G., Repon, M., Hossain, M., Islam, T., Jalil, M., & Aljabri, M. et al. (2022). UV-blocking cotton fabric design for comfortable summer wears: factors, durability and nanomaterials. <i>Cellulose</i> , vol. 29(iss. 14), p. 7555-7585. doi: 10.1007/s10570-022-04710-7	T 008 (100)	11.2.	KTU (1,546)
962.	KTU (1)	6712046	Kleivaitė, V., & Milašius, R. (2022). Prediction of electrospun web maximum pore diameter reliability. <i>Journal of the Textile institute</i> , vol. 113(iss. 1), p. 125-130. doi: 10.1080/00405000.2020.1865506	T 008 (100)	11.2.	KTU (5,606)
963.	KTU (0,25)	6712056	Kliment, D., Mihajlović, M., Ristić, I., & Andriukaitis, D. (2022). Possible scenarios for reduction of carbon dioxide emissions in Serbia by generating electricity from natural gas. <i>Energies</i> , vol. 15(iss. 13), p. 1-33. doi: 10.3390/en15134792	T 001 (100)	11.2.	KTU (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, taškai ⁵
964.	KTU (1)	6712068	Kliopova, I., Stunžėnas, E., Kruopienė, J., & Budrys, R. (2022). Environmental and economic performance of sludge composting optimization alternatives: a case study for thermally hydrolyzed anaerobically digested sludge. <i>Water</i> , vol. 14(iss. 24), p. 1-22. doi: 10.3390/w14244102	T 004 (100)	11.2.	KTU (6,139)
965.	KTU (0,5)	6712111	Koduah, A., & Effah, F. (2022). Fuzzy-logic-controlled hybrid active filter for matrix converter input current harmonics. <i>Energies</i> , vol. 15(iss. 20), p. 1-19. doi: 10.3390/en15207640	T 001 (70), T 006 (30)	11.2.	KTU (3,498)
966.	KTU (0,2)	6712123	Koltsios, S., Fokaides, P., Georgali, P., Tsolakis, A., Chatzipanagiotidou, P., & Klumbytė, E. et al. (2022). An enhanced framework for next-generation operational buildings energy performance certificates. <i>International journal of energy research</i> , vol. 46(iss. 14), p. 20079-20095. doi: 10.1002/er.8517	T 002 (80), T 006 (20)	11.2.	KTU (4,853)
967.	KTU (0,7)	6712146	Komolovaite, D., Krisciunas, A., Lagzdinyte-Budnike, 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	T 007 (50)	11.2.	KTU (2,014)
968.	KTU (1)	6712182	Krauleidis, A., Adliene, D., & Rutkuniene, Z. (2022). The impact of temporal changes in irradiated nMAG polymer gels on their applicability in small field dosimetry in radiotherapy. <i>Gels</i> , vol. 8 (iss. 10), p. 1-20. doi: 10.3390/gels8100629	T 008 (50)	11.2.	KTU (4,096)
969.	KTU (0,6)	6712196	Krisciunaite, J., Kalendraite, B., Ragelienė, L., Merkelytė, E., & Mikucioniene, D. (2022). Durable wash-resistant antimicrobial treatment of knitted fabrics. <i>Autex research journal</i> , vol. 22(iss. 4), p. 373-382. doi: 10.2478/aut-2021-0009	T 008 (100)	11.2.	KTU (2,6)

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, taškais ⁵
970.	KTU (0,25)	6712209	Krivenko, P., Rudenko, I., Konstantynovskyi, O., & Vaičiukynienė, D. (2022). Mitigation of corrosion initiated by Cl ⁻ and SO ₄ ²⁻ ions in blast furnace cement concrete mixed with sea water. <i>Materials</i> , vol. 15(iss. 9), p. 1-18. doi: 10.3390/ma15093003	T 002 (100)	11.2.	KTU (2,108)
971.	KTU (1)	6712228	Krugly, E., Pitak, O., Ciuzas, D., Tichonovas, M., Stasiulaitiene, I., & Prasauskas, T. et al. (2022). Removal of VOCs from wood processing ventilation air by advanced oxidation gas-to-particle prototype system. <i>Process safety and environmental protection</i> , vol. 161, p. 520-527. doi: 10.1016/j.psep.2022.03.043	T 004 (100)	11.2.	KTU (9,264)
972.	KTU (1)	6712254	Kruopienė, J., & Žiukaitė, M. (2022). Situation analysis and the potential for circularity of the wastewater sector in Lithuania. <i>Sustainability</i> , vol. 14(iss. 9), p. 1-17. doi: 10.3390/su14095327	T 004 (100)	11.2.	KTU (6,498)
973.	KTU (0,5)	6712304	Kulszewicz-Bajer, I., Guzauskas, M., Makowska-Janusik, M., Zagórska, M., Mahmoudi, M., & Grazulevicius, J. et al. (2022). Acridone and quinacridone derivatives with carbazole or phenoxazine substituents: synthesis, electrochemistry, photophysics and application as TADF electroluminophores. <i>Journal of materials chemistry C</i> , vol. 10(iss. 34), p. 12377- 12391. doi: 10.1039/d2tc02270b	T 005 (100)	11.2.	KTU (8,327)
974.	KTU (0,1667)	6712319	Kumar, B., Guduru, R., Srinivas, A., Ana, F., Ramudu, K., & Dhiman, G. (2022). Wavelength assignment in optical fiber with intelligent optimization and assignment scheme for static and dynamic traffic intensity based photonic networks. <i>Optical and quantum electronics</i> , vol. 54(iss. 8), p. 1-20. doi: 10.1007/s11082-022-03880-9	T 001 (80), T 009 (20)	11.2.	KTU (2,89)
975.	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	T 008 (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
976.	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	T 008 (70)	11.2.	KTU (4,252)
977.	KTU (0,3333)	6712363	Kusyi, Y., Stupnytsky, V., Onysko, O., Dragašius, E., Baskutis, S., & Chatys, R. (2022). Optimization synthesis of technological parameters during manufacturing of the parts. <i>Eksploatacja i niezawodność = Maintenance and reliability</i> , vol. 24(iss. 4), p. 655-667. doi: 10.17531/ein.2022.4.6	T 009 (100)	11.2.	KTU (4,404)
978.	KTU (1)	6712376	Leitonas, K., Guzauskas, M., Tsiko, U., Simokaitienė, J., Volyniuk, D., & Grazulevicius, J. (2022). White vertical organic permeable- base light-emitting transistors obtained by mixing of blue exciton and orange interface exciplex emissions. <i>Journal of materials chemistry C</i> , vol. 10(iss. 26), p. 9786-9793. doi: 10.1039/d2tc01326f	T 005 (100)	11.2.	KTU (9,615)
979.	KTU (0,1)	6712393	Licursi, D., Raspolli Galletti, A., Antonetti, C., Martinez, G., Jones, E., & Bertin, L. et al. (2022). Tunable production of diesel bio- blendstock by rhenium-catalyzed hydrogenation of crude hexanoic acid from grape pomace fermentation. <i>Catalysts</i> , vol. 12(iss. 12), p. 1-16. doi: 10.3390/catal12121550	T 004 (100)	11.2.	KTU (0,977)
980.	KTU (1)	6712422	Liutkevičius, A., Morkevičius, N., Venčkauskas, A., & Toldinas, J. (2022). Distributed agent-based orchestrator model for fog computing. <i>Sensors</i> , vol. 22(iss. 15), p. 1-20. doi: 10.3390/s22155894	T 007 (100)	11.2.	KTU (8,244)
981.	KTU (0,6667)	6712435	Lopata, A., Gudas, S., Butleris, R., Rudžionis, V., Žioba, L., & Veitaitė, I. et al. (2022). Financial data anomaly discovery using behavioral change indicators. <i>Electronics</i> , vol. 11(iss. 10), p. 1- 14. doi: 10.3390/electronics11101598	T 007 (100)	11.2.	KTU (7,362)

Eil. Nr.	Mokslo ir studijų 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
982.	KTU (1)	6712464	Lukočius, R., Vilkauskas, A., Marčiulionis, P., Grigaliūnas, V., Nakutis, Ž., & Deltuva, R. (2022). An analysis of axial magnetic coupling force and torque dependencies on its structure parameters using a 3D FEM. <i>Applied sciences</i> , vol. 12(iss. 13), p. 1-15. doi: 10.3390/app12136546	T 001 (70), T 009 (30)	11.2.	KTU (5,311)
983.	KTU (0,125)	6712489	Maggiore, A., Tan, X., Brosseau, A., Danos, A., Miomandre, F., & Monkman, A. et al. (2022). Novel D-A chromophores with condensed 1,2,4-triazine system simultaneously display thermally activated delayed fluorescence and crystallization- induced phosphorescence. <i>Physical chemistry chemical physics</i> , vol. 24(iss. 29), p. 17770-17781. doi: 10.1039/d2cp00777k	T 005 (100)	11.2.	KTU (1,411)
984.	KTU (1)	6712506	Magylaitė, K., Kapočius, K., Butleris, R., & Čeponienė, L. (2022). Towards high usability in gamified systems: a systematic review of key concepts and approaches. <i>Applied sciences</i> , vol. 12(iss. 16), p. 1-18. doi: 10.3390/app12168188	T 007 (100)	11.2.	KTU (5,311)
985.	KTU (0,7778)	6712621	Mahmoudi, M., Gudeika, D., Kutsiy, S., Simokaitiene, J., Butkute, R., & Skhirtladze, L. et al. (2022). Ornamenting of blue thermally activated delayed fluorescence emitters by anchor groups for the minimization of solid-state solvation and conformation disorder corollaries in non-doped and doped organic light-emitting diodes. <i>ACS applied materials & interfaces</i> , vol. 14(iss. 35), p. 40158- 40172. doi: 10.1021/acsami.2c12475	T 005 (100)	11.2.	KTU (16,099)
986.	KTU (0,7778)	6712637	Mahmoudi, M., Keruckas, J., Volyniuk, D., Andrulevičienė, V., Keruckienė, R., & Narbutaitis, E. et al. (2022). Bis(N-naphthyl-N-phenylamino)benzophenones as exciton-modulating materials for white TADF OLEDs with separated charge and exciton recombination zones. <i>Dyes and pigments</i> , vol. 197, p. 1-10. doi: 10.1016/j.dyepig.2021.109868	T 005 (100)	11.2.	KTU (9,813)

Eil. Nr.	Mokslo ir studijų 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
987.	KTU (1)	6712659	Makūnaitė, M., Jurkonis, R., Lukoševičius, A., & Baranauskas, M. (2022). Simulation of ultrasound RF signals backscattered from a 3D model of pulsating artery surrounded by tissue. <i>Diagnostics</i> , vol. 12(iss. 2), p. 1-21. doi: 10.3390/diagnostics12020232	T 001 (100)	11.2.	KTU (5,706)
988.	KTU (1)	6712773	Maqsood, S., Damaševičius, R., & Maskeliūnas, R. (2022). Multi- modal brain tumor detection using deep neural network and multiclass SVM. <i>Medicina</i> , vol. 58(iss. 8), p. 1-19. doi: 10.3390/medicina58081090	T 007 (100)	11.2.	KTU (4,676)
989.	KTU (1)	6712787	Maqsood, S., Damaševičius, R., & Maskeliūnas, R. (2022). TTCNN: a breast cancer detection and classification towards computer- aided diagnosis using digital mammography in early stages. <i>Applied sciences</i> , vol. 12(iss. 7), p. 1-27. doi: 10.3390/app12073273	T 007 (100)	11.2.	KTU (5,311)
990.	KTU (1)	6712821	Markevičiūtė, Z., & Varžinskas, V. (2022). Plant-origin feedstock applications in fully green food packaging: the potential for tree- free paper and plant-origin bio-plastics in the Baltic Sea region. <i>Sustainability</i> , vol. 14(iss. 12), p. 1-15. doi: 10.3390/su14127393	T 004 (100)	11.2.	KTU (6,498)
991.	KTU (1)	6712831	Markevičiūtė, Z., & Varžinskas, V. (2022). Smart material choice: the importance of circular design strategy applications for bio- based food packaging preproduction and end-of-life life cycle stages. <i>Sustainability</i> , vol. 14(iss. 10), p. 1-13. doi: 10.3390/su14106366	T 004 (100)	11.2.	KTU (6,498)
992.	KTU (0,1429)	6712844	Marković, D., Zille, A., Ribeiro, A., Mikučionienė, D., Simončič, B., & Tomšič, B. et al. (2022). Antibacterial bio-nanocomposite textile material produced from natural resources. <i>Nanomaterials</i> , vol. 12(iss. 15), p. 1-19. doi: 10.3390/nano12152539	T 008 (100)	11.2.	KTU (2,23)

Eil. Nr.	Mokslo ir studijų 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
993.	KTU (0,6667)	6712859	Masimukku, N., Gudeika, D., Volyniuk, D., Bezvikonnyi, O., Simokaitiene, J., & Matulis, V. et al. (2022). Bipolar 1,8- naphthalimides showing high electron mobility and red AIE-active TADF for OLED applications. <i>Physical chemistry chemical physics</i> , vol. 24(iss. 8), p. 5070-5082. doi: 10.1039/d1cp05942d	T 005 (100)	11.2.	KTU (7,526)
994.	KTU (1)	6712893	Matulis, P., Kutraite, I., Augustiniene, E., Valanciene, E., Jonuskiene, I., & Malys, N. (2022). Development and characterization of indole-responsive whole-cell biosensor based on the inducible gene expression system from <i>Pseudomonas putida</i> KT2440. <i>International journal of molecular sciences</i> , vol. 23(iss. 9), p. 1-12. doi: 10.3390/ijms23094649	T 005 (100)	11.2.	KTU (8,274)
995.	KTU (0,75)	6712906	Mažeika, L., Raišutis, R., Jankauskas, A., Rekuvienė, R., Šliteris, R., & Samaitis, V. et al. (2022). High sensitivity ultrasonic NDT technique for detecting creep damage at the early stage in power plant steels. <i>International journal of pressure vessels and piping</i> , vol. 196, p. 1-10. doi: 10.1016/j.ijpvp.2022.104613	T 001 (50), T 010 (50)	11.2.	KTU (9,562)
996.	KTU (0,5)	6712926	Meile, K., Syrpas, M., Basinskiene, L., & Zhurinsh, A. (2022). Discrimination of levoglucosan and its structural isomer in biomass pyrolysis products by iodometry, liquid chromatography, mass spectrometry. <i>Journal of analytical and applied pyrolysis</i> , vol. 166, p. 185-208. doi: 10.1016/j.jaap.2022.105602	T 005 (100)	11.2.	KTU (6,184)
997.	KTU (1)	6712954	Meskauskas, Z., & Kazanavicius, E. (2022). About the new methodology and XAI-based software toolkit for risk assessment. <i>Sustainability</i> , vol. 14(iss. 9), p. 1-15. doi: 10.3390/su14095496	T 007 (100)	11.2.	KTU (6,498)
998.	KTU (1)	6712968	Meškiniš, 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	T 008 (50)	11.2.	KTU (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, taškai ⁵
999.	KTU (0,75)	6712982	Meškuotienė, A., Dobilienė, J., Raudienė, E., & Gaidamovičiūtė, L. (2022). A review of metrological supervision: towards the common understanding of metrological traceability in legal and industrial metrology. <i>MAPAN</i> , vol. 37(iss. 3), p. 693-701. doi: 10.1007/s12647-022-00594-x	T 010 (100)	11.00	KTU (–)
1000.	KTU (1)	6713021	Meškuotienė, A., Kaškonas, P., Raudienė, E., Dobilienė, J., & Urbonavičius, B. (2022). Calibration periodicity of fuel tanks assigned to legal-industrial metrology: a case study. <i>Sustainability</i> , vol. 14(iss. 16), p. 1-11. doi: 10.3390/su14169817	T 010 (100)	11.2.	KTU (6,498)
1001.	KTU (0,8)	6713057	Miklusis, D., Markevicius, V., Navikas, D., Ambraziunas, M., Cepenas, M., & Valinevicius, A. et al. (2022). Erroneous vehicle velocity estimation correction using anisotropic magnetoresistive (AMR) sensors. <i>Sensors</i> , vol. 22(iss. 21), p. 1-13. doi: 10.3390/s22218269	T 001 (100)	11.2.	KTU (11,424)
1002.	KTU (1)	6713075	Mikolaitienė, A., & Šlinkšienė, R. (2022). Effect of various binders on the properties of microalgae-enriched urea granules. <i>Plants</i> , vol. 11(iss. 23), p. 1-18. doi: 10.3390/plants11233362	T 005 (100)	11.2.	KTU (9,326)
1003.	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	T 008 (70)	11.2.	KTU (4,174)
1004.	KTU (0,25)	6713117	Mohammadi Far, S., Beiramvand, M., Shahbakhti, M., & Augustyniak, P. (2022). Prediction of preterm delivery from unbalanced EHG database. <i>Sensors</i> , vol. 22(iss. 4), p. 1-14. doi: 10.3390/s22041507	T 001 (100)	11.2.	KTU (3,57)

Eil. Nr.	Mokslo ir studijų 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
1005.	KTU (0,2)	6713129	Mojisola, F., Misra, S., Falayi Febisola, C., Abayomi-Alli, O., & Sengul, G. (2022). An improved random bit-stuffing technique with a modified RSA algorithm for resisting attacks in information security (RBMRSA). <i>Egyptian informatics journal</i> , vol. 23(iss. 2), p. 291-301. doi: 10.1016/j.eij.2022.02.001	T 007 (100)	11.2.	KTU (3,998)
1006.	KTU (0,5)	6713142	Monastyreckis, G., Tortosa Siles, J., Knotek, P., Omastova, M., Aniskevich, A., & Zeleniakienė, D. (2022). Scalable MXene and PEDOT-CNT nanocoatings for fibre-reinforced composite De-Icing. <i>Materials</i> , vol. 15(iss. 10), p. 1-12. doi: 10.3390/ma15103535	T 009 (100)	11.2.	KTU (5,963)
1007.	KTU (0,7)	6713161	Morkunaite, L., Pupeikis, D., Jurelionis, A., Fokaides, P., & Papadopoulos, A. (2022). An analytical model for the impact of building control and automation upgrade on space heating energy efficiency. <i>Buildings</i> , vol. 12(iss. 8), p. 1-13. doi: 10.3390/buildings12081074	T 002 (80), T 006 (20)	11.2.	KTU (8,925)
1008.	KTU (0,125)	6713174	Morsink-Georgali, P., Kylili, A., Fokaides, P., & Papadopoulos, A. (2022). Compost versus biogas treatment of sewage sludge dilemma assessment using life cycle analysis. <i>Journal of cleaner production</i> , vol. 350, p. 1-15. doi: 10.1016/j.jclepro.2022.131490	T 004 (100)	11.2.	KTU (2,858)
1009.	KTU (0,3333)	6713186	Mouzas, A., Ioannou, B., & Fokaides, P. (2022). The establishment of an intermodal walkability index for use in car oriented urban environments: the case of Nicosia. <i>Frontiers in environmental science</i> , vol. 10, p. 1-8. doi: 10.3389/fenvs.2022.934236	T 002 (100)	11.2.	KTU (4,015)
1010.	KTU (0,6)	6713198	Muna, I., Mieloszyk, M., Rimasauskienė, R., Maqsood, N., & Rimasauskas, M. (2022). Thermal effects on mechanical strength of additive manufactured CFRP composites at stable and cyclic temperature. <i>Polymers</i> , vol. 14(iss. 21), p. 1-16. doi: 10.3390/polym14214680	T 009 (100)	11.2.	KTU (7,408)

Eil. Nr.	Mokslo ir studijų 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
1011.	KTU (0,75)	6713211	Munir, M., Mikucionienė, D., Khanzada, H., & Khan, M. (2022). Development of eco-friendly nanomembranes of aloe vera/PVA/ZnO for potential applications in medical devices. <i>Polymers</i> , vol. 14(iss. 5), p. 1-14. doi: 10.3390/polym14051029	T 008 (100)	11.2.	KTU (9,26)
1012.	KTU (0,75)	6713245	Nasiri, S., Rabiei, M., Markuniene, I., Hosseinneshad, M., Ebrahimi-Kahrizsangi, R., & Palevicius, A. et al. (2022). Nanocomposite based on HA/PVTMS/Cl ₂ FeH ₈ O ₄ as a gas and temperature sensor. <i>Sensors</i> , vol. 22(iss. 24), p. 1-16. doi: 10.3390/s222410012	T 009 (100)	11.2.	KTU (10,71)
1013.	KTU (0,5714)	6713260	Nasiri, S., Rahimirad, Z., Dehaghi, M., Rabiei, M., Ebrahimi-Kahrizsangi, R., & Palevicius, A. et al. (2022). Facile synthesis and study of photocatalytic properties of TiO ₂ -Ag-Ce nanocomposites. <i>Materials letters</i> , vol. 322, p. 1-4. doi: 10.1016/j.matlet.2022.132489	T 009 (100)	11.2.	KTU (4,501)
1014.	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	T 007 (20)	11.2.	KTU (2,231)
1015.	KTU (1)	6713299	Navikaite-Snipaitiene, V., Rosliuk, D., Almonaityte, K., Rutkaite, R., Vaskeliene, V., & Raisutis, R. (2022). Ultrasound-activated modified starch microgranules for removal of ibuprofen from aqueous media. <i>Starch = Stärke</i> , vol. 74(iss. 5-6), p. 1-10. doi: 10.1002/star.202100261	T 005 (70), T 010 (30)	11.2.	KTU (5,037)
1016.	KTU (0,1667)	6713349	Nikolic, D., Skerlic, J., Radulovic, J., Miskovic, A., Tamasauskas, R., & Sadauskienė, J. (2022). Exergy efficiency optimization of photovoltaic and solar collectors' area in buildings with different heating systems. <i>Renewable energy</i> , vol. 189, p. 1063-1073. doi: 10.1016/j.renene.2022.03.075	T 002 (50), T 006 (50)	11.2.	KTU (3,804)

Eil. Nr.	Mokslo ir studijų 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
1017.	KTU (1)	6713380	Ogundokun, R., Maskeliūnas, R., & Damaševičius, R. (2022). Human posture detection using image augmentation and hyperparameter-optimized transfer learning algorithms. <i>Applied sciences</i> , vol. 12(iss. 19), p. 1-23. doi: 10.3390/app121910156	T 007 (100)	11.2.	KTU (5,311)
1018.	KTU (0,2857)	6713391	Okarma, K., Lech, P., Andriukaitis, D., Navikas, D., Korzelecka-Orkisz, A., & Tański, A. et al. (2022). A visual feedback for water- flow monitoring in recirculating aquaculture systems. <i>Applied sciences</i> , vol. 12(iss. 20), p. 1-14. doi: 10.3390/app122010598	T 001 (100)	11.2.	KTU (2,146)
1019.	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	T 007 (30), T 009 (40)	11.2.	KTU (5,771)
1020.	KTU (1)	6713447	Palubeckis, G. (2022). Metaheuristic approaches for ratio cut and normalized cut graph partitioning. <i>Memetic computing</i> , vol. 14 (iss. 3), p. 253-285. doi: 10.1007/s12293-022-00365-w	T 007 (100)	11.2.	KTU (7,629)
1021.	KTU (1)	6713457	Palubeckis, G., Ostreika, A., & Platužienė, J. (2022). A variable neighborhood search approach for the dynamic single row facility layout problem. <i>Mathematics</i> , vol. 10(iss. 13), p. 1-27. doi: 10.3390/math10132174	T 007 (100)	11.2.	KTU (14,923)
1022.	KTU (1)	6713479	Papanaboina, M., Jasiuniene, E., Žukauskas, E., & Mažeika, L. (2022). Numerical analysis of guided waves to improve damage detection and localization in multilayered CFRP panel. <i>Materials</i> , vol. 15(iss. 10), p. 1-19. doi: 10.3390/ma15103466	T 001 (80), T 010 (20)	11.2.	KTU (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
1023.	KTU (0,1429)	6713493	Park, J., Suh, S., Tamulevičius, S., Kim, D., Choi, D., & Jeong, S. et al. (2022). Practical approaches to apply ultra-thick graphite anode to high-energy lithium-ion battery: carbonization and 3- dimensionalization. <i>Nanomaterials</i> , vol. 12(iss. 15), p. 1-15. doi: 10.3390/nano12152625	T 008 (100)	11.2.	KTU (2,493)
1024.	KTU (1)	6713553	Petrauskienė, K., Tverskytė, R., & Dvarionienė, J. (2022). Environmental and economic benefits of electric, hybrid and conventional vehicle treatment: a case study of Lithuania. <i>Waste management</i> , vol. 140, p. 55-62. doi: 10.1016/j.wasman.2022.01.009	T 004 (100)	11.2.	KTU (10,185)
1025.	KTU (1)	6713587	Pocienė, O., & Šlinkšienė, R. (2022). Studies on the possibilities of processing buckwheat husks and ash in the production of environmentally friendly fertilizers. <i>Agriculture</i> , vol. 12(iss. 2), p. 1-16. doi: 10.3390/agriculture12020193	T 005 (100)	11.2.	KTU (9,412)
1026.	KTU (0,0833)	6713600	Preisner, M., Smol, M., Horttanainen, M., Deviatkin, I., Havukainen, J., & Klavins, M. et al. (2022). Indicators for resource recovery monitoring within the circular economy model implementation in the wastewater sector. <i>Journal of environmental management</i> , vol. 304, p. 1-12. doi: 10.1016/j.jenvman.2021.114261	T 004 (100)	11.2.	KTU (2,507)
1027.	KTU (0,1667)	6713620	Priniotakis, G., Marrot, L., Stachewicz, U., Krstic-Furundzic, A., Venturini, E., & Jonaitiene, V. (2022). Smart textile for building and living. <i>Autex research journal</i> , vol. 22(iss. 4), p. 493-496. doi: 10.2478/aut-2021-0041	T 008 (100)	11.2.	KTU (1,769)
1028.	KTU (1)	6713639	Pupeikis, D., Navickas, A., Klumbyte, E., & Seduikyte, L. (2022). Comparative study of construction information classification systems: CCI versus uniclass 2015. <i>Buildings</i> , vol. 12(iss. 5), p. 1- 18. doi: 10.3390/buildings12050656	T 002 (100)	11.2.	KTU (7,361)

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
1029.	KTU (0,8)	6713650	Pyr'yev, Y., Kibirkštis, E., Gegeckienė, L., Vaitasius, K., & Venytė, I. (2022). Empirical models for prediction compression strength of paperboard carton. <i>Wood and fiber science</i> , vol. 54(iss. 1), p. 60-73. doi: 10.22382/wfs-2022-06	T 008 (100)	11.2.	KTU (5,909)
1030.	KTU (0,125)	6713672	Qazi, A., Hasan, N., Abayomi-Alli, O., Hardaker, G., Scherer, R., & Sarker, Y. et al. (2022). Gender differences in information and communication technology use & skills: a systematic review and meta-analysis. <i>Education and information technologies</i> , vol. 27 (iss. 3), p. 4225-4258. doi: 10.1007/s10639-021-10775-x	T 007 (100)	11.2.	KTU (4,906)
1031.	KTU (1)	6713688	Qurthobi, A., Maskeliūnas, R., & Damaševičius, R. (2022). Detection of mechanical failures in industrial machines using overlapping acoustic anomalies: a systematic literature review. <i>Sensors</i> , vol. 22(iss. 10), p. 1-20. doi: 10.3390/s22103888	T 007 (100)	11.2.	KTU (8,244)
1032.	KTU (0,8571)	6713699	Rabiei, M., Raziyan, M., Ebrahimi-Kahrizsangi, R., Nasiri, S., Palevicius, A., & Janusas, G. et al. (2022). Effects of 5 wt.% polycaprolactone, polyhydroxybutyrate and polyvinyltrimethoxysilane on the properties of Ag/Zn/Mg alloy. <i>Materials</i> , vol. 15(iss. 15), p. 1-14. doi: 10.3390/ma15155421	T 009 (100)	11.2.	KTU (7,228)
1033.	KTU (1)	6713719	Ragauskaitė, D., & Šlinkšienė, R. (2022). Influence of urea on organic bulk fertilizer of spent coffee grounds and green algae <i>Chlorella</i> sp. biomass. <i>Sustainability</i> , vol. 14(iss. 3), p. 1-20. doi: 10.3390/su14031261	T 005 (100)	11.2.	KTU (6,498)
1034.	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	T 001 (50)	11.2.	KTU (3,063)

Eil. Nr.	Mokslo ir studijų 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
1035.	KTU (0,25)	6713749	Ravaszová, S., Dvořák, K., Vaičiukynienė, D., & Sisol, M. (2022). Application of a method for measuring the grindability of fine- grained materials by high-speed milling. <i>Materials</i> , vol. 15(iss. 22), p. 1-17. doi: 10.3390/ma15228085	T 002 (100)	11.2.	KTU (2,582)
1036.	KTU (1)	6713762	Repon, M., Laureckiene, G., & Mikucioniene, D. (2022). Effect of stretching on thermal behaviour of electro-conductive weft- knitted composite fabrics. <i>Polymers</i> , vol. 14(iss. 2), p. 1-23. doi: 10.3390/polym14020249	T 008 (100)	11.2.	KTU (8,731)
1037.	KTU (0,6)	6713773	Repon, M., Mikučionienė, D., Baltina, I., Blūms, J., & Laureckiene, G. (2022). Ag coated PA-based electro-conductive knitted fabrics for heat generation in compression supports. <i>Autex research journal</i> , vol. 22(iss. 1), p. 55-63. doi: 10.2478/aut-2020-0061	T 008 (100)	11.2.	KTU (3,677)
1038.	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	T 008 (40)	11.2.	KTU (2,965)
1039.	KTU (0,1)	6713834	Roascio, G., Costa, G., Baccelli, E., Malina, L., Matulevičius, R., & Momeu, M. et al. (2022). HArMoNICS: high-assurance microgrid network infrastructure case study. <i>IEEE Access</i> , vol. 10, p. 115372-115383. doi: 10.1109/ACCESS.2022.3218412	T 007 (100)	11.2.	KTU (2,567)
1040.	KTU (0,4286)	6713852	Rodriguez-Martinez, A., Svilainis, L., De la Casa-Lillo, M., Alvarez-Arenas, T., Aleksandrovas, A., & Chaziachmetovas, A. et al. (2022). On the optimization of spread spectrum chirps into arbitrary position and width pulse signals. Application to ultrasonic sensors and systems. <i>IEEE access</i> , vol. 10, p. 2013- 2027. doi: 10.1109/ACCESS.2021.3139562	T 001 (70), T 010 (30)	11.2.	KTU (6,957)

Eil. Nr.	Mokslo ir studijų 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
1041.	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	T 002 (80)	11.2.	KTU (4,77)
1042.	KTU (1)	6713892	Ryselis, K., Blažauskas, T., Damaševičius, R., & Maskeliūnas, R. (2022). Agrast-6: abridged VGG-based reflected lightweight architecture for binary segmentation of depth images captured by Kinect. <i>Sensors</i> , vol. 22(iss. 17), p. 1-16. doi: 10.3390/s22176354	T 007 (100)	11.2.	KTU (8,244)
1043.	KTU (1)	6713905	Ryselis, K., Blažauskas, T., Damaševičius, R., & Maskeliūnas, R. (2022). Computer-aided depth video stream masking framework for human body segmentation in depth sensor images. <i>Sensors</i> , vol. 22(iss. 9), p. 1-16. doi: 10.3390/s22093531	T 007 (100)	11.2.	KTU (8,244)
1044.	KTU (0,7)	6713917	Šadauskienė, J., Ramanauskas, J., Krawczyk, D., Klumbytė, E., & Fokaides, P. (2022). Investigation of thermal bridges of a new high-performance window installation using 2-D and 3-D methodology. <i>Buildings</i> , vol. 12(iss. 5), p. 1-19. doi: 10.3390/buildings12050572	T 002 (100)	11.2.	KTU (8,924)
1045.	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	T 007 (50)	11.2.	KTU (5,2)
1046.	KTU (0,4)	6713940	Salvador Bernardo, L., Damaševičius, R., Ling, S., de Albuquerque, V., & Tavares, J. (2022). Modified SqueezeNet architecture for Parkinson's disease detection based on keypress data. <i>Biomedicines</i> , vol. 10(iss. 11), p. 1-15. doi: 10.3390/biomedicines10112746	T 007 (100)	11.2.	KTU (6,608)

Eil. Nr.	Mokslo ir studijų 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
1047.	KTU (1)	6713954	Samaitis, V., & Mažeika, L. (2022). Guided wave phase velocity dispersion reconstruction based on enhanced phased spectrum method. <i>Materials</i> , vol. 15(iss. 4), p. 1-15. doi: 10.3390/ma15041614	T 001 (50), T 010 (50)	11.2.	KTU (5,962)
1048.	KTU (0,8)	6713966	Santos Rodrigues, A., Augustauskas, R., Lukoševičius, M., Laguna, P., & Marozas, V. (2022). Deep-learning-based estimation of the spatial QRS-T angle from reduced-lead ECGs. <i>Sensors</i> , vol. 22(iss. 14), p. 1-22. doi: 10.3390/s22145414	T 001 (50), T 007 (50)	11.2.	KTU (11,424)
1049.	KTU (1)	6713981	Sarapajevaite, G., & Baltakys, K. (2022). Thermal stability and decomposition mechanism of synthetic covellite samples. <i>Journal of thermal analysis and calorimetry</i> , vol. 147(iss. 20), p. 10951- 10963. doi: 10.1007/s10973-022-11313-8	T 005 (100)	11.2.	KTU (7,233)
1050.	KTU (0,5)	6713991	Sarapajevaite, G., Morselli, D., & Baltakys, K. (2022). Aqueous- based synthesis of photocatalytic copper sulfide using sulfur waste as sulfurizing agent. <i>Materials</i> , vol. 15(iss. 15), p. 1-15. doi: 10.3390/ma15155253	T 005 (100)	11.2.	KTU (5,164)
1051.	KTU (0,8333)	6714014	Saunoris, M., Nakutis, Ž., & Knyva, M. (2022). Estimation of energy meter accuracy using remote non-invasive observation. <i>Measurement science review</i> , vol. 22(no. 4), p. 170-176. doi: 10.2478/msr-2022-0021	T 001 (100)	11.00	KTU (–)
1052.	KTU (0,4)	6714034	Sengul, G., Karakaya, M., Misra, S., Abayomi-Alli, O., & Damaševičius, R. (2022). Deep learning based fall detection using smartwatches for healthcare applications. <i>Biomedical signal processing and control</i> , vol. 71(pt. B), p. 1-13. doi: 10.1016/j.bspc.2021.103242	T 007 (100)	11.2.	KTU (5,966)

Eil. Nr.	Mokslo ir studijų 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
1053.	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	T 007 (50)	11.2.	KTU (2,656)
1054.	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	T 007 (50)	11.00	KTU (–)
1055.	KTU (0,375)	6714101	Shahbakhti, M., Beiramvand, M., Eigirdas, T., Sole-Casals, J., Wierzchon, M., & Broniec-Wojcik, A. et al. (2022). Discrimination of wakefulness from sleep stage I using nonlinear features of a single frontal EEG channel. <i>IEEE sensors journal</i> , vol. 22(iss. 7), p. 6975-6984. doi: 10.1109/JSEN.2022.3155345	T 001 (70), T 010 (30)	11.2.	KTU (7,154)
1056.	KTU (0,2857)	6714118	Shahbakhti, M., Beiramvand, M., Rejer, I., Augustyniak, P., Broniec-Wojcik, A., & Wierzchon, M. et al. (2022). Simultaneous eye blink characterization and elimination from low-channel prefrontal EEG signals enhances driver drowsiness detection. <i>IEEE journal of biomedical and health informatics</i> , vol. 26(iss. 3), p. 1001-1012. doi: 10.1109/JBHI.2021.3096984	T 001 (100)	11.2.	KTU (8,508)
1057.	KTU (0,3333)	6714133	Shajahan, M., Jamal, D., Mathew, J., Ali Akbar, A., Sivakumar, A., & Shahul Hameed, M. (2022). Improvement in efficiency of thermal power plant using optimization and robust controller. <i>Case studies in thermal engineering</i> , vol. 33, p. 1-7. doi: 10.1016/j.csite.2022.101891	T 006 (100)	11.2.	KTU (6,44)
1058.	KTU (1)	6714147	Shak Sadi, M., & Kumpikaitė, E. (2022). Advances in the robustness of wearable electronic textiles: strategies, stability, washability and perspective. <i>Nanomaterials</i> , vol. 12(iss. 12), p. 1- 47. doi: 10.3390/nano12122039	T 008 (100)	11.2.	KTU (7,805)

Eil. Nr.	Mokslo ir studijų 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.	KTU (0,6667)	6714157	Shimpi, P., Aniskevich, A., & Zeleniakiene, D. (2022). Improved method of manufacturing carbon nanotube infused multifunctional 3D woven composites. <i>Journal of composite materials</i> , vol. 56(iss. 3), p. 479-489. doi: 10.1177/00219983211055823	T 009 (100)	11.2.	KTU (4,742)
1060.	KTU (0,5)	6714178	Shimpi, P., Omastova, M., Aniskevich, A., & Zeleniakiene, D. (2022). In situ deformation monitoring of 3D woven composite T- profile using MXene nanoparticles. <i>Materials</i> , vol. 15(iss. 8), p. 1- 10. doi: 10.3390/ma15082730	T 009 (100)	11.2.	KTU (5,164)
1061.	KTU (0,375)	6714195	Shukhratov, S., Milašius, R., Gafurov, K., & Gafurov, J. (2022). Investigation of twist waves distribution along structurally nonuniform yarn. <i>Autex research journal</i> , vol. 22(iss. 4), p. 488- 492. doi: 10.2478/aut-2021-0040	T 008 (100)	11.2.	KTU (3,25)
1062.	KTU (1)	6714207	Siauciunas, R., Smalakys, G., Eisinias, A., & Prichockienė, E. (2022). Synthesis of high crystallinity 1.13 nm tobermorite and xonotlite from natural rocks, their properties and application for heat-resistant products. <i>Materials</i> , vol. 15(iss. 10), p. 1-18. doi: 10.3390/ma15103474	T 005 (100)	11.2.	KTU (5,963)
1063.	KTU (1)	6714218	Šipailienė, A., Šlimaitė, G., Jeznienė, S., Venskutonis, P., & Leskauskaitė, D. (2022). W/O/W double emulsion-loaded alginate capsules containing Lactobacillus plantarum and lipophilic sea buckthorn (Hippophae rhamnoides L.) pomace extract in different phases. <i>Food science and technology international</i> , vol. 28(iss. 5), p. 397-407. doi: 10.1177/10820132211018036	T 005 (100)	11.2.	KTU (4,889)
1064.	KTU (1)	6714232	Skersys, T., Danenas, P., Mickeviciute, E., & Butleris, R. (2022). Transforming BPMN processes to SBVR process rules with deontic modalities. <i>Applied sciences</i> , vol. 12(iss. 18), p. 1-27. doi: 10.3390/app12188976	T 007 (100)	11.2.	KTU (5,311)

Eil. Nr.	Mokslo ir studijų 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
1065.	KTU (0,7222)	6714243	Skhirtladze, L., Lietonas, K., Bucinskas, A., Volyniuk, D., Mahmoudi, M., & Mukbaniani, O. et al. (2022). 1,4-Bis (trifluoromethyl)benzene as a new acceptor for the design and synthesis of emitters exhibiting efficient thermally activated delayed fluorescence and electroluminescence: experimental and computational guidance. <i>Journal of materials chemistry C</i> , vol. 10(iss. 12), p. 4929-4940. doi: 10.1039/d1tc05420a	T 005 (100)	11.2.	KTU (12,028)
1066.	KTU (0,7778)	6714259	Skuodis, E., Leitonas, K., Panchenko, A., Volyniuk, L., Simokaitienė, J., & Keruckienė, R. et al. (2022). Very sensitive probes for quantitative and organoleptic detection of oxygen based on conformer-induced room-temperature phosphorescence enhancement of the derivative of triazatruxene and phenothiazine. <i>Sensors and actuators B: Chemical</i> , vol. 373, p. 1-13. doi: 10.1016/j.snb.2022.132727	T 005 (100)	11.2.	KTU (19,963)
1067.	KTU (0,6111)	6714303	Stanitska, M., Mahmoudi, M., Pokhodylo, N., Lytvyn, R., Volyniuk, D., & Tomkeviciene, A. et al. (2022). Exciplex-forming systems of physically mixed and covalently bonded benzoyl-1H-1,2,3- triazole and carbazole moieties for solution-processed white OLEDs. <i>Journal of organic chemistry</i> , vol. 87(iss. 6), p. 4040- 4050. doi: 10.1021/acs.joc.1c02784	T 005 (100)	11.2.	KTU (7,313)
1068.	KTU (0,2857)	6714345	Stasiškienė, Ž., Barbir, J., Draudvilienė, L., Chong, Z., Kuchta, K., & Voronova, V. et al. (2022). Challenges and strategies for bio- based and biodegradable plastic waste management in Europe. <i>Sustainability</i> , vol. 14(iss. 24), p. 1-17. doi: 10.3390/su142416476	T 004 (100)	11.2.	KTU (3,713)
1069.	KTU (1)	6714368	Statkauskas, M., Grinys, A., & Vaičiukynienė, D. (2022). Investigation of concrete shrinkage reducing additives. <i>Materials</i> , vol. 15(iss. 9), p. 1-19. doi: 10.3390/ma15093407	T 002 (100)	11.2.	KTU (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
1070.	KTU (1)	6714379	Stonkuvienė, A., Burlingis, A., Ramanauskas, J., & Banionis, K. (2022). Determination of core thermal resistance errors of reflective multifoil insulation products measured in a hot box depending on evaluation accuracy of its low emissivity surfaces. <i>Journal of building engineering</i> , vol. 59, p. 1-14. doi: 10.1016/j.jobe.2022.105143	T 002 (100)	11.2.	KTU (11,029)
1071.	KTU (1)	6714390	Štuikys, V., Burbaitė, R., Ziberkas, G., & Kubiliūnas, R. (2022). Development and evaluation of an approach for integrating data science Concepts into high school STEM curriculum. <i>International journal of engineering education</i> , vol. 38(iss. 3), p. 756-773.	T 007 (100)	11.2.	KTU (4,023)
1072.	KTU (0,75)	6714404	Subadra, S., & Griskevicius, P. (2022). Effect of hybridization and ply waviness on the flexural strength of polymer composites: an experimental and numerical study. <i>Polymers</i> , vol. 14(iss. 7), p. 1- 19. doi: 10.3390/polym14071360	T 009 (100)	11.2.	KTU (9,26)
1073.	KTU (1)	6714457	Švermickaitė, G., Eisinaitė, V., Vinauskienė, R., Jasutienė, I., & Leskauskaitė, D. (2022). Characterisation of hydrogels and aerogels as carriers for sea buckthorn pomace extract. <i>International journal of food science and technology</i> , vol. 57(iss. 7), p. 4441-4450. doi: 10.1111/ijfs.15777	T 005 (100)	11.2.	KTU (6,358)
1074.	KTU (0,6)	6714510	Svilainis, L., Chaziachmetovas, A., Eidukynas, V., Alvarez-Arenas, T., & Dixon, S. (2022). Miniature ferroelectret microphone design and performance evaluation using laser excitation. <i>IEEE transactions on ultrasonics, ferroelectrics, and frequency control</i> , vol. 69(iss. 12), p. 3392-3401. doi: 10.1109/TUFFC.2022.3220082	T 001 (70), T 009 (30)	11.2.	KTU (8,232)
1075.	KTU (0,25)	6714541	Tamkutė, L., Haddad, J., Diotel, N., Desprès, P., Venskutonis, P., & El Kalamouni, C. (2022). Cranberry pomace extract exerts antiviral activity against Zika and dengue virus at safe doses for adult zebrafish. <i>Viruses</i> , vol. 14(iss. 5), p. 1-14. doi: 10.3390/v14051101	T 005 (100)	11.2.	KTU (2,679)

Eil. Nr.	Mokslo ir studijų 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
1076.	KTU (1)	6714583	Tamošaitis, A., Jaruševičienė, A., Strykaitė, M., & Damašius, J. (2022). Analysis of antimicrobial whey protein-based biocomposites with lactic acid, tea tree (<i>Melaleuca alternifolia</i>) and garlic (<i>Allium sativum</i>) essential oils for Edam cheese coating. <i>International journal of dairy technology</i> , vol. 75(iss. 3), p. 611-618. doi: 10.1111/1471-0307.12858	T 005 (100)	11.2.	KTU (7,811)
1077.	KTU (0,0833)	6714709	Țița, M., Constantinescu, M., Țița, O., Mathe, E., Tamošaitienė, L., & Bradauskienė, V. (2022). Food products with high antioxidant and antimicrobial activities and their sensory appreciation. <i>Applied sciences</i> , vol. 12(iss. 2), p. 1-13. doi: 10.3390/app12020790	T 005 (100)	11.2.	KTU (0,767)
1078.	KTU (1)	6714732	Toldinas, J., Venčkauskas, A., Liutkevičius, A., & Morkevičius, N. (2022). Framing network flow for anomaly detection using image recognition and federated learning. <i>Electronics</i> , vol. 11(iss. 19), p. 1-28. doi: 10.3390/electronics11193138	T 007 (100)	11.2.	KTU (6,376)
1079.	KTU (1)	6714753	Traksele, L., & Snitka, V. (2022). Surface-enhanced Raman spectroscopy for the characterization of <i>Vaccinium myrtillus</i> L. bilberries of the Baltic–Nordic regions. <i>European food research and technology</i> , vol. 248(iss. 2), p. 427-435. doi: 10.1007/s00217-021-03887-8	T 005 (100)	11.2.	KTU (6,358)
1080.	KTU (0,9)	6714809	Tsiko, U., Bezikonny, O., Volyniuk, D., Minaev, B., Keruckas, J., & Cekavičiute, M. et al. (2022). TADF quenching properties of phenothiazine or phenoxazine-substituted benzantrones emitting in deep-red/near-infrared region towards oxygen sensing. <i>Dyes and pigments</i> , vol. 197, p. 1-9. doi: 10.1016/j.dyepig.2021.109952	T 005 (100)	11.2.	KTU (9,271)

Eil. Nr.	Mokslo ir studijų 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.	KTU (0,9286)	6714826	Tsiko, U., Sych, G., Volyniuk, D., Bezvikonnyi, O., Keruckiene, R., & Lazauskas, A. et al. (2022). Self-recovering mechanochromic luminescence of the derivatives of benzantrone and carbazole: towards damage-resistive information recording and security probes. <i>Dyes and pigments</i> , vol. 199, p. 1-8. doi: 10.1016/j.dyepig.2022.110082	T 005 (90), T 008 (10)	11.2.	KTU (9,566)
1082.	KTU (1)	6714853	Tumšys, O. (2022). Experimental method for simultaneous determination of the Lamb wave A0 modes group and phase velocities. <i>Materials</i> , vol. 15(iss. 9), p. 1-15. doi: 10.3390/ma15092976	T 001 (50), T 010 (50)	11.2.	KTU (5,962)
1083.	KTU (0,3333)	6714864	Tupciauskas, R., Meile, K., Godina, D., Rizhikovs, J., Syropas, M., & Venskutonis, P. (2022). Qualitative differences and emission persistence of volatile organic compounds from bio-based particleboards. <i>Materials</i> , iss. 15(iss. 15), p. 1-13. doi: 10.3390/ma15155278	T 005 (100)	11.2.	KTU (2,811)
1084.	KTU (0,625)	6714909	Uskovas, G., Valinevicius, A., Zilys, M., Navikas, D., Frivaldsky, M., & Prauzek, M. et al. (2022). A novel seismocardiogram mathematical model for simplified adjustment of adaptive filter. <i>Electronics</i> , vol. 11(iss. 15), p. 1-17. doi: 10.3390/electronics11152444	T 001 (100)	11.2.	KTU (6,902)
1085.	KTU (0,625)	6714925	Uskovas, G., Valinevicius, A., Zilys, M., Navikas, D., Frivaldsky, M., & Prauzek, M. et al. (2022). Driver cardiovascular disease detection using seismocardiogram. <i>Electronics</i> , vol. 11(iss. 3), p. 1-16. doi: 10.3390/electronics11030484	T 001 (100)	11.2.	KTU (6,902)
1086.	KTU (0,8333)	6714945	Vaicys, J., Norkevicius, P., Baronas, A., Gudzius, S., Jonaitis, A., & Peftitsis, D. (2022). Efficiency evaluation of the dual system power inverter for on-grid photovoltaic system. <i>Energies</i> , vol. 15 (iss. 1), p. 1-14. doi: 10.3390/en15010161	T 001 (100)	11.2.	KTU (5,831)

Eil. Nr.	Mokslo ir studijų 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.	KTU (1)	6714965	Vaitkevičienė, R., Bendoraitienė, J., Degutyte, R., Svazas, M., & Zadeike, D. (2022). Optimization of the sustainable production of resistant starch in rice bran and evaluation of Its physicochemical and technological properties. <i>Polymers</i> , vol. 14(iss. 17), p. 1-16. doi: 10.3390/polym14173662	T 005 (100)	11.2.	KTU (8,731)
1088.	KTU (1)	6714996	Vaitkevičius, V., & Šerelis, E. (2022). Utilization of glass shards from municipal solid waste in aluminium-based ultra-lightweight concrete. <i>Construction and building materials</i> , vol. 350, p. 1-17. doi: 10.1016/j.conbuildmat.2022.128396	T 002 (100)	11.2.	KTU (11,141)
1089.	KTU (0,6667)	6715031	Vaitkunas, T., Griskevicius, P., & Adumitroaie, A. (2022). Peridynamic approach to digital image correlation strain calculation algorithm. <i>Applied sciences</i> , vol. 12(iss. 13), p. 1-20. doi: 10.3390/app12136550	T 009 (100)	11.2.	KTU (5,007)
1090.	KTU (1)	6715060	Valanciene, E., & Malys, N. (2022). Advances in production of hydroxycinnamoyl-quinic acids: from natural sources to biotechnology. <i>Antioxidants</i> , vol. 11(iss. 12), p. 1-21. doi: 10.3390/antiox11122427	T 005 (100)	11.2.	KTU (10,898)
1091.	KTU (1)	6715101	Varnaitė, L., Keršienė, M., Šipailienė, A., Kazernavičiūtė, R., Venskutonis, P., & Leskauskaitė, D. (2022). Fiber-rich cranberry pomace as food ingredient with functional activity for yogurt production. <i>Foods</i> , vol. 11(iss. 5), p. 1-15. doi: 10.3390/foods11050758	T 005 (100)	11.2.	KTU (8,868)
1092.	KTU (1)	6715124	Vijeikis, R., Raudonis, V., & Dervinis, G. (2022). Efficient violence detection in surveillance. <i>Sensors</i> , vol. 22(iss. 6), p. 1-15. doi: 10.3390/s22062216	T 001 (100)	11.2.	KTU (8,244)

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, taškai ⁵
1093.	KTU (1)	6715139	Villalon Fornes, I., Vaičiukynienė, D., Nizevičienė, D., Tamošaitis, G., & Pupeikis, D. (2022). The improvement of the thermal and acoustic insulation properties of phosphogypsum specimens by adding waste wood fibre. <i>Construction and building materials</i> , vol. 331, p. 1-11. doi: 10.1016/j.conbuildmat.2022.127341	T 001 (20), T 002 (80)	11.2.	KTU (11,141)
1094.	KTU (1)	6715154	Vinauskienė, R., Surblytė, G., Alekšiūnas, A., Keršienė, M., & Leskauskaitė, D. (2022). Effect of traditional and dry package ageing on physicochemical properties and protein digestibility of pork Longissimus thoracis muscle. <i>International journal of gastronomy and food science</i> , vol. 27, p. 1-6. doi: 10.1016/j.ijgfs. 2022.100487	T 005 (100)	11.2.	KTU (7,019)
1095.	KTU (1)	6715185	Yilmaz, B., Smagulova, D., & Jasiuniene, E. (2022). Model-assisted reliability assessment for adhesive bonding quality evaluation with ultrasonic NDT. <i>NDT & E international</i> , vol. 126, p. 1-14. doi: 10.1016/j.ndteint.2021.102596	T 001 (50), T 010 (50)	11.2.	KTU (11,188)
1096.	KTU (0,125)	6715197	Yong, B., Wei, W., Li, K., Shen, J., Zhou, Q., & Wozniak, M. et al. (2022). Ensemble machine learning approaches for webshell detection in Internet of things environments. <i>Transactions on emerging telecommunications technologies</i> , vol. 33(iss. 6), p. 1- 12. doi: 10.1002/ett.4085	T 007 (100)	11.2.	KTU (2,29)
1097.	KTU (0,5)	6715218	Zabelskyte, G., Kabisch, N., & Stasiskiene, Z. (2022). Patterns of urban green space use applying social media data: a systematic literature review. <i>Land</i> , vol. 11(iss. 2), p. 1-21. doi: 10.3390 /land11020238	T 004 (100)	11.2.	KTU (6,368)

Eil. Nr.	Mokslo ir studijų 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.	KTU (1)	6715233	Zadeike, D., Vaitkevičienė, R., Degutytė, R., Bendoraitienė, J., Rukuizienė, Z., & Cernauskas, D. et al. (2022). A comparative study on the structural and functional properties of water-soluble and alkali-soluble dietary fibres from rice bran after hot-water, ultrasound, hydrolysis by cellulase, and combined pre- treatments. <i>International journal of food science and technology</i> , vol. 57(iss. 2), p. 1137-1149. doi: 10.1111/ijfs.15480	T 005 (90), T 008 (10)	11.2.	KTU (6,359)
1099.	KTU (0,2)	6715251	Zajacs, A., Bogdanovičs, R., Zeiza-Seleznova, A., Valančius, R., & Zemītis, J. (2022). Integration of decentralized solar collectors into a district heating system. <i>Sustainable cities and society</i> , vol. 83, p. 1-15. doi: 10.1016/j.scs.2022.103920	T 002 (30), T 006 (70)	11.2.	KTU (3,986)
1100.	KTU (1)	6715265	Zdankus, T., Jonynas, R., Vaiciunas, J., Bandarwadkar, S., & Lenkas, T. (2022). Investigation of thermal energy accumulation using soil layer for buildings' energy efficiency. <i>Sustainability</i> , vol. 14(iss. 9), p. 1-18. doi: 10.3390/su14095247	T 002 (80), T 006 (20)	11.2.	KTU (6,499)
1101.	KTU (0,8571)	6715282	Zelba, M., Deveikis, T., Barakauskas, J., Baronas, A., Gudžius, S., & Jonaitis, A. et al. (2022). A grid-tied inverter with renewable energy source integration in an off-grid system with a functional experimental prototype. <i>Sustainability</i> , vol. 14(iss. 20), p. 1-15. doi: 10.3390/su142013110	T 001 (100)	11.2.	KTU (7,877)
1102.	KTU (0,3333)	6715301	Zīle, E., Zeleniakiene, D., & Aniskevich, A. (2022). Characterization of polylactic acid parts produced using the fused deposition modelling. <i>Mechanics of composite materials</i> , vol. 58 (iss. 2), p. 169-180. doi: 10.1007/s11029-022-10021-6	T 009 (100)	11.2.	KTU (2,118)
1103.	KTU (1)	6715312	Žiūkaitė, A., Strykaitė, M., & Damašius, J. (2022). Screening of cellulose/alginate biocomposites for waterproof food packaging. <i>Journal of natural fibers</i> , vol. 19(iss. 15), p. 11632-11643. doi: 10.1080/15440478.2022.2030847	T 005 (100)	11.2.	KTU (9,424)

Eil. Nr.	Mokslo ir studijų 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
1104.	KTU (1)	6716278	Galvanauskas, V., Simutis, R., Levisauskas, D., Urniezius, R., Vaitkus, V., & Tekorius, T. et al. (2022). <i>European Patent application EP EP 4083185 A</i> . European Patent Office.	T 007 (100)	11.3.	KTU (10)
1105.	KTU (0,75); VU (0,25)	6716299	Marozas, V., Petrenas, A., Solosenko, A., Daukantas, S., Simaityte, M., & Rapalis, A. et al. (2022). <i>Japan Patent application JP 2022508124 A</i> . Japan Patent Office.	T 001 (80)	11.3.	KTU (6); VU (2)
1106.	KTU (1)	6716317	Pagodinas, D., & Dumbrava, V. (2022). <i>U. S. Patent application US US 2022084419 (A1)</i> . U. S. Patent and Trademark Office.	T 001 (100)	11.3.	KTU (10)
1107.	KTU (1)	6716326	Tamulevicius, T., Juodenas, M., Tamuleviciene, A., Klinavicius, T., & Tamulevicius, S. (2022). <i>Japan Patent application JP 2022158738 A</i> . Japan Patent Office.	T 008 (100)	11.3.	KTU (10)
1108.	KTU (1)	6716338	Tsiko, U., Volyniuk, D., Keruckiene, R., Grazulevicius, J., Sych, G., & Simokaitiene, J. et al. (2022). <i>European Patent application EP EP 3982432 A1</i> . European Patent Office.	T 005 (100)	11.3.	KTU (10)
1109.	KTU (0,625)	6716357	Leskauskaite, D., Venskutonis, P., Kersiene, M., Jasutiene, I., Eisinaite, V., & Lesauskaite, V. et al. (2022). <i>European Patent No. EP EP 3925451 B1</i> . Berlin: European Patent Office.	T 005 (70)	11.4.	KTU (6,563)
1110.	KTU (0,2)	6716374	Pamakstis, V., Wolyniec, R., Lengvinas, G., Repsys, V., & Ragauskas, A. (2022). <i>European Patent No. EP EP 3611480 B1</i> . Berlin: European Patent Office.	T 001 (50), T 010 (50)	11.4.	KTU (3)
1111.	KTU (0,8571)	6716388	Vainoras, A., Navickas, Z., Balciunas, M., Ragauskas, A., Berskiene, K., & Petkus, V. et al. (2022). <i>European Patent No. EP EP 3111830 B1</i> . Berlin: European Patent Office.	T 010 (100)	11.4.	KTU (12,857)
1112.	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	T 009 (50)	11.2.	KTU (3,136)

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
1113.	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	T 006 (20)	11.2.	VU (0,606)
1114.	KTU (0,2)	6721593	Gbadamosi, B., Ogundokun, R., Adeniyi, E., Misra, S., & Stephens, N. (2022). Medical data analysis for IoT-based datasets in the cloud using Naïve Bayes Classifier for prediction of heart disease. In <i>New frontiers in cloud computing and Internet of Things / R. Buyya, L. Garg, G. Fortino, S. Misra (eds.)</i> (p. 365-386). Cham: Springer Nature.	T 007 (100)	11.1.	KTU (6,932)
1115.	KTU (1)	6740850	Aleknaite-Dambrauskiene, I., Domeika, A., & Zvironas, A. (2022). Cortical activity, kinematics and trunk muscles activity response to pelvis movements during unstable sitting. <i>Technology and health care, vol. 30</i> (iss. 1), p. 243-255. doi: 10.3233/THC-219007	T 009 (100)	11.2.	KTU (4,489)
1116.	KTU (1)	6740944	Draudvilienė, L., Meškuotienė, A., Raišutis, R., Griškevičius, P., Stasiškienė, Ž., & Žukauskas, E. (2022). The usefulness and limitations of ultrasonic Lamb waves in preventing the failure of the wind turbine blades. <i>Applied sciences, vol. 12</i> (iss. 4), p. 1-16. doi: 10.3390/app12041773	T 001 (30), T 009 (20), T 010 (50)	11.2.	KTU (5,311)
1117.	KTU (0,9)	6740976	Gulbinienė, A., Fataraitė-Urbonienė, E., Jucienė, M., Dobilaitė, V., & Valeika, V. (2022). Effect of CO2 laser treatment on the leather surface morphology and wettability. <i>Journal of industrial textiles, vol. 51</i> (iss. 2_suppl.), p. 2483S-2498S. doi: 10.1177 /15280837211022612	T 005 (20), T 008 (80)	11.2.	KTU (7,909)
1118.	KTU (0,5556)	6744352	Keruckiene, R., Kusas, N., Dvylys, L., Skuodis, E., Matulis, V., & Ragoyja, E. et al. (2022). Derivatives of bis(trifluoromethyl) biphenyl and various donor noieties exhibiting dual state emission. <i>Journal of luminescence, vol. 241</i> , p. 1-10. doi: 10.1016 /j.jlumin.2021.118502	T 005 (100)	11.2.	KTU (10)

Eil. Nr.	Mokslo ir studijų 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
1119.	KTU (1)	6744382	Petrauskas, G., & Svinkunas, G. (2022). Application of single- phase supply AC-DC-AC VFD for power factor improvement in LED lighting devices loaded power distribution lines. <i>Applied sciences</i> , vol. 12(iss. 12), p. 1-24. doi: 10.3390/app12125955	T 001 (100)	11.2.	KTU (5,311)
1120.	KTU (0,75)	6744392	Petrauskas, G., Svinkunas, G., Jonaitis, A., & Giannakis, A. (2022). Application of novel AC–AC matrix VFD for power factor improvement in conventional AC–DC–AC VFD-loaded power distribution lines. <i>Electronics</i> , vol. 11(iss. 7), p. 1-18. doi: 10.3390/electronics11070997	T 001 (100)	11.2.	KTU (6,763)
1121.	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	T 008 (40)	11.2.	KTU (2,965)
1122.	VU (0,375)	6744901	Alsamsam, M., Kopūstas, A., Jurevičiūtė, M., & Tutkus, M. (2022). The miEye: Bench-top super-resolution microscope with cost- effective equipment. <i>HARDWAREX</i> , 12. doi: 10.1016/j.ohx.2022. e00368	T 001 (100)	11.00	VU (–)
1123.	KTU (0,2222)	6745006	Akter, N., Repon, M., Mikučionienė, D., Jalil, M., Islam, T., & Karim, M. (2021). Fabrication and characterization of stretchable denim fabric using core spun yarn. <i>Heliyon</i> , vol. 7(iss. 12), p. 1-9. doi: 10.1016/j.heliyon.2021.e08532	T 008 (100)	11.2.	KTU (3,462)
1124.	KTU (0,0476)	6745062	Jalil, M., Moniruzzaman, M., Parvez, M., Siddika, A., Gafur, M., & Repon, M. et al. (2021). A novel approach for pineapple leaf fiber processing as an ultimate fiber using existing machines. <i>Heliyon</i> , vol. 7(iss. 8), p. 1-9. doi: 10.1016/j.heliyon.2021.e07861	T 008 (100)	11.2.	KTU (0,742)

Eil. Nr.	Mokslo ir studijų 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
1125.	KTU (0,1667)	6745086	Jankauskiene, D., Dorosevas, V., & Pukite, V. (2021). Monitoring and analysis of seaport piers structural elements displacements. <i>MAPAN: journal of Metrology society of India</i> , vol. 36(iss. 3), p. 509-514. doi: 10.1007/s12647-021-00438-0	T 002 (50), T 010 (50)	11.00	KTU (–)
1126.	KTU (0,0556)	6745118	Karim, M., Islam, T., Repon, M., Al Hamim, A., Rashid, M., & Jalil, M. (2021). Exploitation of seawater for cotton and polyester fabrics colouration. <i>Heliyon</i> , vol. 7(iss. 5), p. 1-8. doi: 10.1016/j.heliyon.2021.e07059	T 008 (100)	11.2.	KTU (0,865)
1127.	KTU (1)	6745151	Meškuotienė, A., Kaškonas, P., & Urbonavičius, B. (2021). Analysis of fuel's amount measurement process and Its reliability in commercial transaction. <i>Mapan: journal of Metrology Society of India</i> , vol. 36(iss. 1), p. 175-185. doi: 10.1007/s12647-020- 00401-5	T 010 (100)	11.00	KTU (–)
1128.	KTU (1)	6745256	Raudienė, E., Gailius, D., Dobilienė, J., Balčiūnas, G., & Meškuotienė, A. (2021). Assessment of qualitative characteristics of carbon dioxide respiration rates evaluation in wheat measurements. <i>MAPAN: journal of Metrology Society of India</i> , vol. 36(iss. 1), p. 139-145. doi: 10.1007/s12647-020-00380-7	T 010 (100)	11.00	KTU (–)
1129.	KTU (0,2)	6745353	Pamakstis, V., Wolyniec, R., Lengvinas, G., Repsys, V., & Ragauskas, A. (2021). <i>U. S. Patent No. US US 10900819 B2</i> . U. S. Patent and Trademark Office: U. S. Patent and Trademark Office.	T 001 (50), T 010 (50)	11.4.	KTU (3)
1130.	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.	T 005 (50)	11.3.	VU (1,25)
1131.	VU (0,25)	6745986	Karpus, L., Jauniškis, V., Repečka, D., & Meškys, R. (2022). <i>European Patent application EP EP4035162A1</i> . European Patent Office.	T 005 (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, MRU – Mykolo Romerio universitetas, VDU – Vytauto Didžiojo universitetas, VILNIUS TECH – Vilniaus Gedimino technikos universitetas, VU – Vilniaus universitetas, KSU – Kazimiero Simonavičiaus 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, NVI – Nacionalinis vėžio institutas, BPTI – Baltijos pažangių technologijų institutas, PTTTI – Perspektyvinių technologijų taikomųjų tyrimų institutas.

³ T 001 – elektros ir elektronikos inžinerija, T 002 – statybos inžinerija, T 003 – transporto inžinerija, T 004 – aplinkos inžinerija, T 005 – chemijos inžinerija, T 006 – energetika ir termoinžinerija, T 007 – informatikos inžinerija, T 008 – medžiagų inžinerija, T 009 – mechanikos inžinerija, T 010 – matavimų inžinerija.

⁴ 11.1. – 11.1. Tarptautiniu mastu pripažintos mokslo leidyklos išleista mokslo monografija (ne mažesnės apimties kaip 8 aut. l.) ar jos dalis (dalys), 11.2. – 11.2 Mokslo straipsnis žurnale, kurio JIF ir CA JCR žurnalų kryptinės kategorijos agreguotojo cituojamumo rodiklio AIF santykis JIF/AIF yra didesnis už 0,25, o jei žurnalas priklauso kelioms kategorijoms – kurio visų kategorijų JIF/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, 11.8. – 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).