

PATVIRTINTA  
Lietuvos mokslo tarybos  
pirmininko 2024 m. spalio 17 d.  
įsakymu Nr. V-478

**Technologijos mokslų srities 2023 metais paskelbtų ir pateiktų vertinti mokslo darbų<sup>1</sup> formaliojo įvertinimo apibendrinti rezultatai**

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
1.	IMC (0,7143); VILNIUS TECH (0,2857)	7549462	Perminaitė, E., Zinkevičienė, A., Malyško-Ptašinskė, V., Razevičiūtė, E., Novickij, J., & Girkontaitė, I. et al. (2023). Killing bacteria using acetic acid and nanosecond pulsed electric fields – an in vivo superficial infection model study and immune response. <i>Applied Sciences</i> , 13, 836. doi: 10.3390/app13020836	T 001 (10)	9.2.	IMC (0,394); VILNIUS TECH (0,158)
2.	LAMMC (0,5); VDU (0,5)	7552047	Damanauskas, V., & Janulevičius, A. (2023). Validation of criteria for predicting tractor fuel consumption and CO2 emissions when ploughing fields of different shapes and dimensions /. <i>AgriEngineering.</i> , vol. 5(iss. 4), p. 2408-2422. doi: 10.3390/agriengineering5040148	T 009 (50)	9.00.	LAMMC (–); VDU (–)
3.	LEI (0,6); KTU (0,2)	7553218	Yousef, S., Eimontas, J., Striūgas, N., Praspaliauskas, M., & Abdelnaby, M. (2023). Catalytic pyrolysis and kinetic study of glass fibre-reinforced epoxy resin over CNTs, graphene and carbon black particles/ZSM-5 zeolite hybrid catalysts /. <i>Journal of Thermal Analysis and Calorimetry</i> , vol. 148(iss. 3), p. 897-912. doi: 10.1007/s10973-022-11776-9	T 006 (80), T 008 (20)	9.2.	LEI (4,974); KTU (1,658)
4.	LEI (1)	7553243	Skarbalius, G., Džiugys, A., Misiulis, E., & Navakas, R. (2023). The Impact of the Temperature Control Strategy in Steady-State Virtual Vacuum Simulation on the Spontaneous Evaporation Rate and Corresponding Evaporation Coefficient /. <i>Applied Sciences.</i> , vol. 13(iss. 1), p. 1-16. doi: 10.3390/app13010256	T 006 (100)	9.2.	LEI (5,52)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
5.	LEI (1)	7553262	Jankevičienė, J., & Kanapickas, A. (2023). Projected Wind Energy Maximum Potential in Lithuania / <i>Applied Sciences.</i> , vol. 13(iss. 1), p. 1-15. doi: 10.3390/app13010364	T 006 (100)	9.2.	LEI (5,52)
6.	KTU (0,5); LEI (0,25); VU (0,25)	7553322	Sholokhova, A., Denafas, G., Ceponkus, J., & Kriukiene, R. (2023). Microplastics release from conventional plastics during real open windrow composting / <i>Sustainability.</i> , vol. 15(iss. 1), p. 1-11. doi: 10.3390/su15010758	T 004 (50), T 008 (50)	9.2.	KTU (3,224); LEI (1,612); VU (1,612)
7.	VDU (0,9375); LEI (0,0625)	7553334	Kacienė, G., Miškelytė, D., Dikšaitytė, A., Januškaitienė, I., Sujetovienė, G., & Žaltauskaitė, J. et al. (2023). Subsequent drought and re-watering events cause a shift in productivity and nutritive value of alfalfa and hybrid fescue plant. <i>Annals of Applied Biology</i> , vol. 182(iss. 1), p. 77-91. doi: 10.1111/aab.v182. 1	T 004 (10)	9.2.	VDU (0,639); LEI (0,043)
8.	LEI (1)	7553351	Eimontas, J., Striūgas, N., Zakarauskas, K., & Kiminaitė, I. (2023). Catalytical thermal conversion of waste fishing nets for a higher added value energy products generation and caprolactam recovery / <i>Fuel.</i> , vol. 334(part. 1), p. 38-50. doi: 10.1016/j.fuel. 2022.126735	T 006 (100)	9.2.	LEI (9,061)
9.	LEI (0,7); VDU (0,3)	7553363	Kniuitytė, I., Dikšaitytė, A., Praspaliauskas, M., Pedišius, N., & Žaltauskaitė, J. (2023). Oilseed rape ( <i>Brassica napus</i> L.) potential to remediate Cd contaminated soil under different soil water content. <i>Journal of Environmental Management.</i> , vol. 325(part. A), p. 869-881. doi: 10.1016/j.jenvman.2022.116627	T 004 (50), T 006 (50)	9.2.	LEI (8,4); VDU (3,6)
10.	IMC (0,1111); VILNIUS TECH (0,0556)	7553889	Szlasa, W., Michel, O., Sauer, N., Novickij, V., Lewandowski, D., & Kasperkiewicz, P. et al. (2023). Nanosecond pulsed electric field suppresses growth and reduces multi-drug resistance effect in pancreatic cancer. <i>Scientific Reports.</i> , 13, 351. doi: 10.1038 /s41598-023-27605-4	T 001 (60)	9.2.	IMC (0,994); VILNIUS TECH (0,497)

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11.	VILNIUS TECH (0,8333); IMC (0,1667)	7553941	Malyško-Ptašinskė, V., Staigvila, G., & Novickij, V. (2023). Invasive and non-invasive electrodes for successful drug and gene delivery in electroporation-based treatments. <i>Frontiers in Bioengineering and Biotechnology</i> , 10, 1094968. doi: 10.3389/fbioe.2022.1094968	T 001 (80)	9.2.	VILNIUS TECH (5,553); IMC (1,111)
12.	KTU (0,5); LEI (0,5)	7555636	Bocullo, V., Martišauskas, L., Pupeikis, D., Gatautis, R., Venčaitis, R., & Bakas, R. (2023). UAV photogrammetry application for determining the influence of shading on solar photovoltaic array energy efficiency /. <i>Energies.</i> , vol. 16(iss. 3), p. 1-20. doi: 10.3390/en16031292	T 002 (50), T 006 (40)	9.2.	KTU (2,27); LEI (2,27)
13.	LEI (0,5); VILNIUS TECH (0,5)	7555651	Valančius, K., & Grinevičiūtė, M. (2023). Reconstruction of Soviet- type building to energy class A—Simulation and actual data validation /. <i>Buildings.</i> , vol. 13(iss. 2), p. 1-15. doi: 10.3390/buildings13020353	T 006 (100)	9.2.	LEI (3,326); VILNIUS TECH (3,326)
14.	LEI (0,5714); VDU (0,4286)	7555661	Petlickaitė, R., Jasinskas, A., Domeika, R., Pedišius, N., Lemanas, E., & Praspaliauskas, M. et al. (2023). Evaluation of the Processing of Multi-Crop Plants into Pelletized Biofuel and Its Use for Energy Conversion. <i>Processes</i> , vol. 11(iss. 2), p. 1-17. doi: 10.3390/pr11020421	T 004 (100)	9.2.	LEI (2,893); VDU (2,17)
15.	LEI (1)	7555676	Lelis, M., Tuckute, S., Urbonavicius, M., Varnagiris, S., & Demikyte, E. (2023). Non-Conventional Synthesis and Repetitive Application of Magnetic Visible Light Photocatalyst Powder Consisting of Bi-Layered C-Doped TiO2 and Ni Particles /. <i>Catalysts.</i> , vol. 13(iss. 1), p. 1-15. doi: 10.3390/catal13010169	T 006 (100)	9.2.	LEI (5,8)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
16.	LEI (0,6667); VDU (0,3333)	7555689	Lelis, M., Tučkutė, S., Urbonavičius, M., Varnagiris, S., Sakalauskaite, S., & Daugelavicius, R. (2023). C-TiO <sub>2</sub> +Ni and ZnO+Ni Magnetic Photocatalyst Powder Synthesis by Reactive Magnetron Sputtering Technique and Their Application for Bacteria Inactivation. <i>Inorganics</i> , vol. 11(iss. 2), p. 1-18. doi: 10.3390/inorganics11020059	T 006 (100)	9.2.	LEI (5,243); VDU (2,622)
17.	LEI (0,6); KTU (0,2)	7555702	Mohamed, A., Yousef, S., Tučkutė, S., Tonkonogovas, A., & Stankevičius, A. (2023). Gas permeation and selectivity of polysulfone/carbon non-woven fabric membranes with sponge and finger-like structures /. <i>Process safety and environmental protection.</i> , vol. 171, p. 630-639. doi: 10.1016/j.psep.2023.01.055	T 006 (70), T 008 (30)	9.2.	LEI (7,474); KTU (2,491)
18.	LEI (0,5); KTU (0,3)	7555717	Bastakys, L., Marcinauskas, L., Milieška, M., Kalin, M., & Kėželis, R. (2023). Tribological properties of Cr <sub>2</sub> O <sub>3</sub> , Cr <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> -TiO <sub>2</sub> and Cr <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> -TiO <sub>2</sub> -graphite coatings deposited by atmospheric plasma spraying /. <i>Coatings.</i> , vol. 13(iss. 2), p. 1-17. doi: 10.3390/coatings13020408	T 006 (30), T 008 (40)	9.2.	LEI (2,847); KTU (1,708)
19.	LEI (1)	7555734	Breidokaitė, S., & Stankūnas, G. (2023). Neutronics assessment for Detailed Helium-Cooled And Water-Cooled DEMO Breeder Blanket Concepts /. <i>Journal of Fusion Energy.</i> , vol. 42(iss. 1), p. 729-741. doi: 10.1007/s10894-023-00344-0	T 006 (100)	9.2.	LEI (8,045)
20.	LEI (0,7); VDU (0,3)	7555744	Meištininkas, R., Vaškevičienė, I., Dikšaitytė, A., Pedišius, N., & Žaltauskaitė, J. (2023). Potential of Eight Species of Legumes for Heavy Fuel Oil-Contaminated Soil Phytoremediation. <i>Sustainability</i> , 15(5), 1–13. doi: 10.3390/su15054281	T 004 (50), T 006 (50)	9.2.	LEI (4,514); VDU (1,934)

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21.	LEI (1)	7555759	Pitak, I., Denafas, G., Baltušnikas, A., Praspaliauskas, M., & Lukošiuūtė, S. (2023). Proposal for Implementation of Extraction Mechanism of Raw Materials during Landfill Mining and Its Application in Alternative Fuel Production /. <i>Sustainability.</i> , vol. 15(iss. 5), p. 1-22. doi: 10.3390/su15054538	T 004 (20), T 006 (80)	9.2.	LEI (6,447)
22.	LEI (1)	7555774	Jakimavičius, D., Šarauskienė, D., & Kriaučiūnienė, J. (2023). How the Hydrometeorological Parameters of the Curonian Lagoon Changed during Two Periods of Standard Climate Normal (1961– 1990 and 1991–2020) /. <i>Water.</i> , vol. 15(iss. 6), p. 1-19. doi: 10.3390/w15061008	T 004 (100)	9.2.	LEI (6,142)
23.	LEI (0,6); KTU (0,2)	7555784	Mohamed, A., Yousef, S., Tonkonogovas, A., Stankevičius, A., & Baltušnikas, A. (2023). Fabrication of high-strength graphene oxide/carbon fiber nanocomposite membranes for hydrogen separation applications /. <i>Process safety and environmental protection.</i> , vol. 172, p. 941-949. doi: 10.1016/j.psep.2023.03.002	T 006 (80), T 009 (20)	9.2.	LEI (7,474); KTU (2,491)
24.	LEI (0,5); KTU (0,3)	7555798	Marcinauskas, L., Mathew, J., Milieška, M., Aikas, M., & Kalin, M. (2023). Influence of graphite content on the tribological properties of plasma sprayed alumina-graphite coatings /. <i>Surfaces and interfaces.</i> , vol. 38, p. 1-13. doi: 10.1016/j.surfin.2023.102763	T 006 (30), T 008 (20)	9.2.	LEI (3,155); KTU (1,893)
25.	LEI (0,0833)	7555828	Coindreau, O., Herranz, L., Bocanegra, R., Ederli, S., Maccari, P., & Mascari, F. et al. (2023). Uncertainty quantification for a severe accident sequence in a SFP in the frame of the H-2020 project MUSA: First outcomes /. <i>Annals of Nuclear Energy.</i> , vol. 188, p. 1- 9. doi: 10.1016/j.anucene.2023.109796	T 006 (100)	9.2.	LEI (2,509)

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26.	VDU (0,6); LEI (0,4)	7555873	Žalys, B., Venslauskas, K., Navickas, K., Buivydas, E., & Rubežius, M. (2023). The Influence of CO <sub>2</sub> Injection into Manure as a Pretreatment Method for Increased Biogas Production. <i>Sustainability</i> , vol. 15(iss. 4), p. 1-15. doi: 10.3390/su15043670	T 004 (60), T 006 (40)	9.2.	VDU (3,868); LEI (2,579)
27.	VDU (0,7143); LEI (0,2857)	7555888	Pranckietienė, I., Navickas, K., Venslauskas, K., Jodaugienė, D., Buivydas, E., & Žalys, B. et al. (2023). The Effect of Digestate from Liquid Cow Manure on Spring Wheat Chlorophyll Content, Soil Properties, and Risk of Leaching. <i>Agronomy</i> , vol. 13(iss. 3), p. 1-15. doi: 10.3390/agronomy13030626	T 004 (50)	9.2.	VDU (3,124); LEI (1,25)
28.	LEI (0,25)	7555905	Stankunas, G., Qiu, Y., Nitti, F., & Marugán, J. (2023). Shielding analyses supporting the Lithium loop design and safety assessments in IFMIF-DONES. <i>Nuclear Engineering and Technology</i> , vol. 55(iss. 4), p. 1210-1217. doi: 10.1016/j.net.2022.12.024	T 006 (100)	9.2.	LEI (5,136)
29.	LEI (0,75)	7555917	Poškas, R., Račkaitis, K., Poškas, P., & Jouhara, H. (2023). The numerical analysis of the impact of CASTOR-1500 cask model simplifications on temperature distribution in the cask. <i>Annals of Nuclear Energy</i> , vol. 184, p. 1917-1924. doi: 10.1016/j.anucene.2023.109688	T 006 (100)	9.2.	LEI (8,533)
30.	VDU (0,6667); LEI (0,3333)	7555929	Dikšaitytė, A., Kniupytė, I., & Žaltauskaitė, J. (2023). Drought-free future climate conditions enhance cadmium phytoremediation capacity by Brassica napus through improved physiological status. <i>Journal of Hazardous Materials</i> , 452, 825–833. doi: 10.1016/j.jhazmat.2023.131181	T 004 (100)	9.2.	VDU (10,767); LEI (5,384)
31.	KTU (0,4); LSMU (0,3); LEI (0,2); VU (0,1)	7555940	Vaickelionienė, R., Petrikaitė, V., Vaškevičienė, I., Pavilonis, A., & Mickevičius, V. (2023). Synthesis of novel sulphamethoxazole derivatives and exploration of their anticancer and antimicrobial properties. <i>PLoS one</i> , vol. 18(iss. 3), p. 1-22. doi: 10.1371/journal.pone.0283289	T 006 (20)	9.2.	KTU (0,445); LSMU (0,334); LEI (0,222); VU (0,111)

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32.	LEI (1)	7555991	Tamosiunas, A., Gimzauskaite, D., Aikas, M., Uscila, R., Lukosiute, S., & Milčius, D. et al. (2023). <i>European Patent application EP EP23163031.0</i> . European Patent Office.	T 006 (100)	9.00.	LEI (-)
33.	LEI (1)	7556747	Uscila, R., Grigaitienė, V., Valinčius, V., Kėželis, R., Gimžauskaitė, D., & Kavaliauskas, Ž. (2023). Research on the Energy Characteristics of a Transferred Arc Plasma-Chemical Reactor for Waste Treatment /. <i>Applied Sciences.</i> , vol. 13(iss. 7), p. 1-17. doi: 10.3390/app13074221	T 006 (100)	9.2.	LEI (5,52)
34.	LEI (1)	7556787	Skvorčinskienė, R., Kiminaitė, I., Vorotinskienė, L., Jančauskas, A., & Paulauskas, R. (2023). Complex study of bioplastics: Degradation in soil and characterization by FTIR-ATR and FTIR- TGA methods /. <i>Energy.</i> , vol. 274, p. 1-14. doi: 10.1016/j.energy. 2023.127320	T 006 (100)	9.2.	LEI (12,124)
35.	LEI (0,5)	7556800	Graževičius, A., & Bousbia-Salah, A. (2023). Comparative study of CFD and 3D thermal-hydraulic system codes in predicting natural convection and thermal stratification phenomena in an experimental facility /. <i>Nuclear Engineering and Technology.</i> , vol. 55(iss. 4), p. 1555-1562. doi: 10.1016/j.net.2023.02.017	T 006 (100)	9.2.	LEI (7,264)
36.	LEI (0,75); VDU (0,25)	7556810	Nazarenko, S., Kriaučiūnienė, J., Šarauskiene, D., & Povilaitis, A. (2023). The Development of a Hydrological Drought Index for Lithuania /. <i>Water.</i> , vol. 15(iss. 8), p. 1-20. doi: 10.3390 /w15081512	T 004 (100)	9.2.	LEI (4,607); VDU (1,536)
37.	LEI (0,7); VDU (0,3)	7556822	Vonžudaitė, O., Martišauskas, L., Bakas, R., Urbonienė, S., & Urbonas, R. (2023). Optimization of Heat Pump Systems in Buildings by Minimizing Costs and CO2 Emissions. <i>Applied Sciences.</i> , vol. 13(iss. 8), p. 1-24. doi: 10.3390/app13084864	T 006 (80)	9.2.	LEI (3,091); VDU (1,325)

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38.	LEI (1)	7556837	Kavaliauskas, Ž., Kėželis, R., Grigaitienė, V., Marcinauskas, L., Milieška, M., & Valinčius, V. et al. (2023). Recycling of Wind Turbine Blades into Microfiber Using Plasma Technology /. <i>Materials.</i> , vol. 16(iss. 8), p. 1-12. doi: 10.3390/ma16083089	T 006 (100)	9.2.	LEI (5,895)
39.	LEI (1)	7556855	Eimontas, J., Jančauskas, A., Zakarauskas, K., Striūgas, N., & Vorotinskienė, L. (2023). Investigation of Optimal Temperature for Thermal Catalytic Conversion of Marine Biomass for Recovery of Higher-Added-Value Energy Products /. <i>Energies.</i> , vol. 16(iss. 8), p. 1-18. doi: 10.3390/en16083457	T 006 (100)	9.2.	LEI (5,043)
40.	LEI (0,5); KTU (0,25)	7556867	Yousef, S., Tonkonogovas, A., Lukošiuūtė, S., & Mohamed, A. (2023). Gas permeation and selectivity characteristics of sponge-like and finger-like structures of polysulfone membranes /. <i>Fuel.</i> , vol. 347, p. 1-8. doi: 10.1016/j.fuel.2023.128476	T 006 (70), T 009 (30)	9.2.	LEI (6,407); KTU (3,204)
41.	VDU (0,5714); KTU (0,1429); LEI (0,1429)	7556881	Rukanskis, M., Padgurskas, J., Mihailov, V., Rukuiža, R., Žunda, A., & Baltakys, K. et al. (2023). Investigation of the Lubricated Tribo- System of Modified Electrospark Coatings. <i>Coatings.</i> , vol. 13(iss. 5), p. 1-15. doi: 10.3390/coatings13050825	T 005 (20), T 006 (20), T 009 (60)	9.2.	VDU (4,649); KTU (1,161); LEI (1,161)
42.	LEI (1)	7556898	Gimžauskaitė, D., Tamošiūnas, A., Aikas, M., & Uscila, R. (2023). Thermal plasma potential to remediate soil contaminated with diesel /. <i>Environmental Research.</i> , vol. 229, p. 1-12. doi: 10.1016/j.envres.2023.115976	T 006 (100)	9.2.	LEI (15,172)
43.	LEI (0,8); KTU (0,2)	7556909	Yousef, S., Eimontas, J., Zakarauskas, K., Jančauskas, A., & Striūgas, N. (2023). An eco-friendly strategy for recovery of H <sub>2</sub> - CH <sub>4</sub> -rich syngas, benzene-rich tar and carbon nanoparticles from surgical mask waste using an updraft gasifier system /. <i>Energy sources, Part A: Recovery, utilization and environmental effects.</i> , vol. 45(iss. 2), p. 5063-5080. doi: 10.1080/15567036.2023.2207507	T 006 (80), T 009 (20)	9.2.	LEI (3,539); KTU (0,885)

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44.	LEI (0,6667); KTU (0,3333)	7556924	Yousef, S., Lekavičius, V., & Striūgas, N. (2023). Techno- economic analysis of thermochemical conversion of waste masks generated in the EU during COVID-19 pandemic into energy products /. <i>Energies.</i> , vol. 16(iss. 9), p. 1-14. doi: 10.3390/en16093948	T 006 (40), T 009 (30)	9.2.	LEI (2,354); KTU (1,176)
45.	LEI (1)	7556942	Liubčuk, V., Radziukynas, V., Naujokaitis, D., & Kairaitis, G. (2023). Grid Nodes Selection Strategies for Power Quality Monitoring /. <i>Applied Sciences.</i> , vol. 13(iss. 10), p. 1-36. doi: 10.3390/app13106048	T 006 (100)	9.2.	LEI (5,52)
46.	LEI (0,5); KTU (0,1667)	7556953	Yousef, S., Eimontas, J., Striūgas, N., Mohamed, A., Praspaliauskas, M., & Abdelnaby, M. (2023). Phenol and benzoic acid recovery from end-of-life of polysulfone ultrafiltration membranes and its thermochemical kinetic behaviour /. <i>Energy sources, Part A: Recovery, utilization and environmental effects.</i> , vol. 45(iss. 2), p. 6043-6061. doi: 10.1080/15567036.2023.2213669	T 006 (70), T 009 (30)	9.2.	LEI (3,831); KTU (1,277)
47.	LEI (0,75); KTU (0,25)	7556979	Janulionis, R., & Dundulis, G. (2023). Numerical evaluation of residual stress influence on SIF in CT specimen /. <i>Applied sciences.</i> , vol. 13(iss. 10), p. 1-15. doi: 10.3390/app13106180	T 006 (100)	9.2.	LEI (4,14); KTU (1,38)
48.	IMC (0,5)	7559172	Novickij, V. (2023). Special Issue on Electroporation Systems and Applications. <i>Applied Sciences</i> , 13(5), 3109. doi: 10.3390/app13053109	T 001 (50)	9.2.	IMC (1,38)
49.	LEI (1)	7559552	Breidokaitė, S., & Stankūnas, G. (2023). Helium production and material damage rate assessment in EU DEMO HCPB divertor /. <i>Radiation Physics and Chemistry.</i> , vol. 210, p. 1-5. doi: 10.1016/j.radphyschem.2023.111024	T 006 (100)	9.2.	LEI (6,207)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
50.	LEI (1)	7559562	Paulauskas, R., Bykov, E., Zakarauskas, K., Striūgas, N., & Skvorčinskienė, R. (2023). Effects of Plasma-Produced Ozone on Flame Chemiluminescence and Pollutant Emissions of Biogas with Different CO <sub>2</sub> Content /. <i>Plasma Chemistry and Plasma Processing.</i> , vol. 43(iss. 4), p. 831-847. doi: 10.1007/s11090-023- 10338-7	T 006 (100)	9.2.	LEI (5,643)
51.	VDU (0,6667); LEI (0,1667)	7559575	Padgurskas, J., Volskis, D., Rukuiža, R., Kupčinskas, A., Bashesheishvili, N., & Tučkutė, S. (2023). Limitary State of Heavy- Duty Engine Oils and Their Evaluation According to the Change of Tribological Properties during Operation. <i>Lubricants</i> , vol. 11(iss. 6), p. 1-14. doi: 10.3390/lubricants11060236	T 006 (20), T 009 (80)	9.2.	VDU (9,081); LEI (2,27)
52.	LEI (0,5); KTU (0,25)	7559590	Mohamed, A., Yousef, S., Makarevicius, V., & Tonkonogovas, A. (2023). GNs/MOF-based mixed matrix membranes for gas separations /. <i>International journal of hydrogen energy.</i> , vol. 48 (iss. 51), p. 19596-19604. doi: 10.1016/j.ijhydene.2023.02.074	T 006 (70), T 009 (30)	9.2.	LEI (7,25); KTU (3,626)
53.	LEI (0,75)	7559604	Poškas, R., Račkaitis, K., Poškas, P., & Jouhara, H. (2023). Modelling of the fire impact on CONSTOR RBMK-1500 cask thermal behavior in the open interim storage site /. <i>Nuclear Engineering and Technology.</i> , vol. 55(iss. 7), p. 2604-2612. doi: 10.1016/j.net.2023.04.026	T 006 (100)	9.2.	LEI (10,896)
54.	LEI (0,625); KTU (0,375)	7559626	Bocullo, V., Martišauskas, L., Gatautis, R., Vonžudaitė, O., Bakas, R., & Milčius, D. et al. (2023). A digital twin approach to city block renovation using RES technologies /. <i>Sustainability.</i> , vol. 15(iss. 12), p. 1-27. doi: 10.3390/su15129307	T 002 (40), T 006 (50)	9.2.	LEI (3,627); KTU (2,176)
55.	KTU (0,3333); LEI (0,3333)	7559685	Yousef, S., Tonkonogovas, A., & Mohamed, A. (2023). Performance of sponge and finger-like structures of PSF/PET membranes in hydrogen separation industry /. <i>Journal of industrial and engineering chemistry.</i> , vol. 125, p. 232-241. doi: 10.1016/j.jiec.2023.05.032	T 006 (50), T 008 (50)	9.2.	KTU (4,042); LEI (4,042)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
56.	LEI (1)	7559698	Striūgas, N., Zakarauskas, K., Paulauskas, R., Lisauskas, A., & Jančiauskas, A. (2023). Syngas methanation over a metal hydride catalyst: Technology performance, efficiency and economic profitability /. <i>Energy Conversion and Management.</i> , vol. 291, p. 1-13. doi: 10.1016/j.enconman.2023.117322	T 006 (100)	9.2.	LEI (15,469)
57.	LEI (1)	7559724	Kaliatka, A., Graževičius, A., & Kaliatka, T. (2023). Analysis of loss of cooling accidents in the spent fuel pools using system thermal hydraulics and computational fluid dynamic codes /. <i>Nuclear Engineering and Design.</i> , vol. 412, p. 1-14. doi: 10.1016/j.nucengdes.2023.112447	T 006 (100)	9.2.	LEI (8,045)
58.	LEI (0,75); KTU (0,25)	7559735	Lekavičius, V., Bobinaitė, V., Kliaugaitė, D., & Rimkūnaitė, K. (2023). Socioeconomic impacts of food waste reduction in the European Union /. <i>Sustainability.</i> , vol. 15(iss. 13), p. 1-15. doi: 10.3390/su151310151	T 004 (20)	9.2.	LEI (0,967); KTU (0,322)
59.	LEI (0,5); KTU (0,3)	7559761	Mathew, J., Marcinauskas, L., Kavaliauskas, Ž., Kėželis, R., & Kalin, M. (2023). Effect of spraying power on the tribological properties of alumina and alumina-graphite coatings /. <i>Coatings.</i> , vol. 13(iss. 7), p. 1-16. doi: 10.3390/coatings13071165	T 006 (50), T 008 (30)	9.2.	LEI (3,254); KTU (1,952)
60.	VDU (0,2308); LEI (0,0769)	7559778	Onufrijevs, P., Grase, L., Padgurskas, J., Rukanskis, M., Durena, R., & Willer, D. et al. (2023). Anisotropy of the Tribological Performance of Periodically Oxidated Laser-Induced Periodic Surface Structures /. <i>Coatings.</i> , vol. 13(iss. 7), p. 1-14. doi: 10.3390/coatings13071199	T 006 (30), T 009 (70)	9.2.	VDU (2,299); LEI (0,766)
61.	KTU (0,5833); LEI (0,3333)	7559814	Kozlovas, P., Gudzius, S., Ciurlionis, J., Jonaitis, A., Konstantinaviciute, I., & Bobinaite, V. (2023). Assessment of technical and economic potential of urban rooftop solar photovoltaic systems in Lithuania /. <i>Energies.</i> , vol. 16(iss. 14), p. 1-29. doi: 10.3390/en16145410	T 001 (40), T 006 (30)	9.2.	KTU (2,912); LEI (1,664)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
62.	LEI (0,6)	7559832	Kiminaitė, I., González-Arias, J., Striūgas, N., Eimontas, J., & Seemann, M. (2023). Syngas Production from Protective Face Masks through Pyrolysis/Steam Gasification /. <i>Energies.</i> , vol. 16 (iss. 14), p. 1-14. doi: 10.3390/en16145417	T 006 (100)	9.2.	LEI (4,28)
63.	LSU (1)	7561628	Pukenas, K. (2023). Detecting hidden changes in the dynamics of noisy nonlinear time series by using the Jensen–Shannon divergence /. <i>Pramana - journal of physics.</i> , vol. 97(iss. 4), p. 1-5. doi: 10.1007/s12043-023-02668-0	T 001 (100)	9.2.	LSU (5,912)
64.	IMC (0,5); VILNIUS TECH (0,3889); VU (0,1111)	7562952	Ardatov, O., Aleksuk, V., Maknickas, A., Stonkus, R., Uzielenė, I., & Vaičiulevičiūtė, R. et al. (2023). Modeling the impact of meniscal tears on von mises stress of knee cartilage tissue. <i>Bioengineering</i> , 10, 314. doi: 10.3390/bioengineering10030314	T 009 (40)	9.2.	IMC (1,464); VILNIUS TECH (1,139); VU (0,325)
65.	LEI (0,625); VDU (0,375)	7563667	Kniuipytė, I., Praspaliauskas, M., Vencloviėnė, J., & Žaltauskaitė, J. (2023). Soil Remediation after Sewage Sludge or Sewage Sludge Char Application with Industrial Hemp and Its Potential for Bioenergy Production /. <i>Sustainability.</i> , vol. 15(iss. 14), p. 1-17. doi: 10.3390/su151411296	T 004 (50)	9.2.	LEI (2,015); VDU (1,209)
66.	LEI (1)	7563745	Kalpokaitė-Dičkuvienė, R., Pitak, I., Baltušnikas, A., Čėsniėnė, J., Kriūkienė, R., & Lukošėiūtė, S. (2023). Functional and microstructural alterations in hydrated and freeze–thawed cement–oil shale ash composites /. <i>Case Studies in Construction Materials.</i> , vol. 19, p. 1-16. doi: 10.1016/j.cscm.2023.e02302	T 006 (100)	9.2.	LEI (10,662)
67.	LEI (0,75); KTU (0,25)	7563769	Yousef, S., Eimontas, J., Zakaruskas, K., & Striūgas, N. (2023). Recovery of styrene-rich oil and glass fibres from fibres- reinforced unsaturated polyester resin end-of-life wind turbine blades using pyrolysis technology /. <i>Journal of analytical and applied pyrolysis.</i> , vol. 173, p. 1-11. doi: 10.1016/j.jaap.2023.106100	T 006 (70), T 009 (30)	9.2.	LEI (6,754); KTU (2,251)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
68.	LEI (0,75)	7563799	Nazarenko, S., Šarauskienė, D., Putrenko, V., & Kriaučiūnienė, J. (2023). Evaluating Hydrological Drought Risk in Lithuania /. <i>Water.</i> , vol. 15(iss. 15), p. 1-18. doi: 10.3390/w15152830	T 004 (100)	9.2.	LEI (6,515)
69.	VDU (0,6667); LEI (0,3333)	7563821	Česynaitė, J., Praspaliauskas, M., & Sujetovienė, G. (2023). Bioaccumulation of trace metal(loid)s and toxic response of <i>Lactuca sativa</i> grown in shooting range soil. <i>Toxicological &amp; environmental chemistry</i> , 105(1-7), 28–41. doi: 10.1080/02772248.2023.2199996	T 004 (40)	9.00.	VDU (–); LEI (–)
70.	KTU (0,2857); LEI (0,1429)	7563868	Kandrotaitė Janutienė, R., Mažeika, D., Dlouhý, J., Syzonenko, O., Torpakov, A., & Lipian, E. et al. (2023). Investigation of the microstructure of sintered Ti–Al–C composite powder materials under high-voltage electrical discharge /. <i>Materials.</i> , vol. 16(iss. 17), p. 1-16. doi: 10.3390/ma16175894	T 008 (100)	9.2.	KTU (2,917); LEI (1,459)
71.	LEI (0,6667); KTU (0,3333)	7563895	Lekavičius, V., Bobinaitė, V., Balsiūnaitė, R., Kliaugaitė, D., Rimkūnaitė, K., & Vasauskaitė, J. (2023). Socioeconomic impacts of sustainability practices in the production and use of carrier bags /. <i>Sustainability.</i> , vol. 15(iss. 15), p. 1-22. doi: 10.3390/su151512060	T 004 (20)	9.2.	LEI (0,86); KTU (0,43)
72.	LEI (0,4); KTU (0,2)	7563909	Yosef, S., Eimontas, J., Striūgas, N., Mohamed, A., & Ali Abdelnaby, M. (2023). Pyrolysis kinetic behavior and thermodynamic analysis of PET nonwoven fabric /. <i>Materials.</i> , vol. 16(iss. 18), p. 1-17. doi: 10.3390/ma16186079	T 006 (70), T 008 (30)	9.2.	LEI (4,084); KTU (2,043)
73.	LEI (1)	7563924	Jakimavičius, D., & Akstinas, V. (2023). Projections of wind climate and wave energy resources in Lithuanian territorial waters of the Baltic Sea in the 21st century /. <i>Oceanologia.</i> , vol. 65(iss. 4), p. 534-547. doi: 10.1016/j.oceano.2023.06.004	T 004 (100)	9.2.	LEI (8,067)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
74.	LEI (0,0182)	7563949	Hobirk, J., Challis, C., Kappatou, A., Lerche, E., & Stankūnas, G. (2023). The JET hybrid scenario in Deuterium, Tritium and Deuterium-Tritium /. <i>Nuclear Fusion.</i> , vol. 63, p. 1-27.	T 006 (100)	9.2.	LEI (1,174)
75.	LEI (0,75); KTU (0,25)	7563971	Yousef, S., Eimontas, J., Zakaruskas, K., & Striūgas, N. (2023). Pyrolysis of cigarette butts as a sustainable strategy to recover triacetin for low-cost and efficient biodiesel production /. <i>Journal of analytical and applied pyrolysis.</i> , vol. 175, p. 1-10. doi: 10.1016/j.jaap.2023.106167	T 006 (80), T 008 (20)	9.2.	LEI (6,754); KTU (2,251)
76.	LEI (0,0357)	7563993	Maslov, M., Lerche, E., Auriemma, F., Belli, E., & Stankūnas, G. (2023). JET D-T scenario with optimized non-thermal fusion /. <i>Nuclear Fusion.</i> , vol. 63, p. 1-22.	T 006 (100)	9.2.	LEI (1,582)
77.	LEI (0,0357)	7564006	Kim, H., Auriemma, F., Ferreira, J., Gabriellini, S., & Stankūnas, G. (2023). Validation of D–T fusion power prediction capability against 2021 JET D–T experiments /. <i>Nuclear Fusion.</i> , vol. 63, p. 1-21.	T 006 (100)	9.2.	LEI (1,48)
78.	LEI (0,0179)	7564031	Bertola, M., Blöschl, G., Bohac, M., Borga, M., & Kriauciuniene, J. (2023). Megafloods in Europe can be anticipated from observations in hydrologically similar catchments /. <i>Nature Geoscience.</i> , vol. 16, p. 982-988. doi: <a href="https://doi.org/10.1038/s41561-023-01300-5">https://doi.org/10.1038/s41561-023-01300-5</a>	T 004 (100)	9.2.	LEI (3,798)
79.	GTC (0,5); LEI (0,4); VU (0,1)	7564044	Stakėnienė, R., Jokšas, K., Kriauciūnienė, J., Jakimavičius, D., & Raudonytė-Svirbutavičienė, E. (2023). Nutrient loadings and exchange between the Curonian Lagoon and the Baltic Sea: Changes over the past two decades (2001–2020) /. <i>Water.</i> , vol. 15(iss. 23), p. 1-21. doi: 10.3390/w15234096	T 004 (40)	9.2.	GTC (1,228); LEI (0,983); VU (0,246)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
80.	VDU (0,6667); LEI (0,3333)	7564059	Žalys, B., Venslauskas, K., & Navickas, K. (2023). Microbial Pretreatment for Biogas: Analyzing Dairy Rumen Anaerobic Bacteria Inoculum's Impact on Alfalfa Biomass and Energy Value. <i>Processes</i> , vol. 11(iss. 12), p. 1-10. doi: 10.3390/pr11123384	T 004 (50), T 006 (50)	9.2.	VDU (3,376); LEI (1,688)
81.	LSMU (0,5); LEI (0,3333)	7564072	Giedraitienė, A., Ružauskas, M., Šiugždinienė, R., Tučkutė, S., Grigonis, K., & Milčius, D. (2023). Development of Antibacterial Cotton Textiles by Deposition of Fe <sub>2</sub> O <sub>3</sub> Nanoparticles Using Low- Temperature Plasma Sputtering /. <i>Nanomaterials.</i> , vol. 13(iss. 24), p. 1-12. doi: 10.3390/nano13243106	T 006 (50)	9.2.	LSMU (1,805); LEI (1,204)
82.	KTU (0,5714); LEI (0,4286)	7564763	Lazauskas, A., Gimžauskaitė, D., Ilickas, M., Marcinauskas, L., Aikas, M., & Abakevičienė, B. et al. (2023). Laser ablation of silicon nanoparticles and their use in charge-coupled devices for UV light sensing via wavelength-shifting properties /. <i>Nanomaterials.</i> , vol. 13(iss. 22), p. 1-13. doi: 10.3390/nano13222915	T 006 (40), T 008 (30)	9.2.	KTU (2,889); LEI (2,166)
83.	KTU (0,5); LEI (0,5)	7564799	Eidukynas, V., Dundulis, G., & Babilas, E. (2023). Numerical simulation of a shock absorber used for protecting of casks for spent nuclear fuel /. <i>Nuclear engineering and design.</i> , vol. 415, p. 1-11. doi: 10.1016/j.nucengdes.2023.112703	T 006 (50), T 009 (50)	9.2.	KTU (4,022); LEI (4,022)
84.	LEI (0,5); KTU (0,25)	7564864	Yousef, S., Eimontas, J., Striūgas, N., & Abdelnaby, M. (2023). Pyrolysis kinetic behaviour and thermodynamic analysis of waste wind turbine blades (carbon fibres/unsaturated polyester resin) /. <i>Energy sources, Part A: Recovery, utilization and environmental effects.</i> , vol. 45(iss. 4), p. 10505-10522. doi: 10.1080/15567036.2023.2246422	T 006 (70), T 008 (30)	9.2.	LEI (3,128); KTU (1,564)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
85.	LEI (1)	7564886	Liubčuk, V., Radziukynas, V., Kairaitis, G., & Naujokaitis, D. (2023). Power Quality Monitors Displacement Based on Voltage Sags Propagation Mechanism and Grid Reliability Indexes /. <i>Applied Sciences.</i> , vol. 13(iss. 21), p. 1-77. doi: 10.3390/app132111778	T 006 (100)	9.2.	LEI (5,52)
86.	LEI (1)	7564898	Pranckevičius, D., Marčiukaitis, M., Perednis, E., & Masaitis, S. (2023). An Overview of Hydrogen's Application for Energy Purposes in Lithuania /. <i>Applied Sciences.</i> , vol. 13(iss. 23), p. 1- 16. doi: 10.3390/app132312623	T 006 (100)	9.2.	LEI (5,52)
87.	LEI (0,8333)	7564919	Sholokhova, A., Pitak, I., Denafas, G., Kalpokaitė-Dičkuvienė, R., Praspaliauskas, M., & Burlakovs, J. (2023). An In-Depth Analysis of Physical, Chemical, and Microplastic Parameters of Landfill Fine Fraction for Biocover Construction /. <i>Sustainability.</i> , vol. 15 (iss. 24), p. 1- 13. doi: 10.3390/su152416914	T 004 (80), T 006 (20)	9.2.	LEI (7,599)
88.	LEI (1)	7564935	Tamošiūnas, A., Gimžauskaitė, D., Aikas, M., Uscila, R., Snapkauskienė, V., & Zakarauskas, K. et al. (2023). Biomass gasification to syngas in thermal water vapor arc discharge plasma /. <i>Biomass Conversion and Biorefinery.</i> , vol. 13, p. 16373- 16384. doi: 10.1007/s13399-023-03828-3	T 006 (100)	9.2.	LEI (5,689)
89.	VU (0,4166); NVI (0,1528); VILNIUS TECH (0,0278)	7565157	Alizadeh, M., Habach, F., Mačiulis, M., Kontenis, L., Bagdonas, S., & Krouglov, S. et al. (2023). Polarimetric second harmonic generation microscopy of partially oriented fibers II: Imaging study. <i>Biophysical journal</i> , vol. 122(iss. 19), p. 3937-3949. doi: 10.1016/j.bpj.2023.08.015	T 005 (10), T 008 (10)	9.2.	VU (1,342); NVI (0,492); VILNIUS TECH (0,09)
90.	LAMMC (0,6667); VDU (0,3333)	7566863	Stulpinaitė, U., Tilvikienė, V., & Zvicevičius, E. (2023). Co- pelletization of Hemp Residues and Agricultural Biomass: Effect on Pellet Quality and Stability. <i>Energies</i> , vol. 16(iss. 16), p. 2-12. doi: 10.3390/en16165900	T 009 (20)	9.2.	LAMMC (0,672); VDU (0,336)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
91.	NVI (0,4)	7573441	Jucevičius, J., Treigys, P., Bernatavičienė, J., Trakymas, M., & Naruševičiūtė, I. (2023). Usage of isotropic MRI images improves prostate cancer localization results /. <i>Baltic journal of modern computing.</i> , vol. 11(no. 4), p. 703-725. doi: 10.22364/bjmc.2023.11.4.09	T 007 (60)	9.00.	NVI (–)
92.	NVI (0,5); FTMC (0,25); VILNIUS TECH (0,125); VU (0,125)	7573645	Plečkaitis, M., Karabanovas, V., Butkienė, G., Venius, J., Burkanas, M., & Grincienė, G. et al. (2023). Magnetic nanoparticles decorated with gold nanoclusters—applications in cancer theranostics /. <i>Advanced materials interfaces.</i> , vol. 10(iss. 35), p. 1-12. doi: 10.1002/admi.202300462	T 005 (10)	9.2.	NVI (0,357); FTMC (0,178); VILNIUS TECH (0,089); VU (0,089)
93.	VU (0,3636)	7579194	Kampylis, P., Dagienė, V., Bocconi, S., Chiocciariello, A., Engelhardt, K., & Stupurienė, G. et al. (2023). Integrating computational thinking into primary and lower secondary education: a systematic review /. <i>Educational technology &amp; society: Special Issue on "Creating Computational Thinkers for the Artificial Intelligence Era—Catalyzing the Process through Educational Technology"</i> ., vol. 26(iss. 2), p. 99-117. doi: 10.30191/ETS.202304_26(2).0008			VU (ks)
94.	VU (0,6667)	7579702	Jakaitienė, A., Želvys, R., & Dukynaitė, R. (2023). Education data for science: case of Lithuania /. In <i>Data science in applications / editors: Dzemyda, G., Bernatavičienė, J., Kacprzyk, J.</i> (p. 27-42.). Cham: Springer.			VU (ks)
95.	FTMC (0,5)	7581431	Abedivaraki, M., & Daraei, M. (2023). Impact of wiggler magnetic field on wakefield generation and electron acceleration by Gaussian, super-Gaussian and Bessel–Gaussian laser pulses propagating in collisionless plasma /. <i>Journal of plasma physics.</i> , vol. 89(iss. 1), p. 1-16. doi: 10.1017/S0022377823000144	T 008 (100)	9.2.	FTMC (5,264)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
96.	FTMC (1)	7581457	Abedivaraki, M. (2023). Generation of THz radiation by wakefield under a wiggler magnetic field: An analytical study /. <i>Nuclear instruments and methods in physics research. Section A: accelerators, spectrometers, detectors and associated equipment.</i> , vol. 1048, p. 1-5. doi: 10.1016/j.nima.2022.168010	T 008 (100)	9.2.	FTMC (5,453)
97.	FTMC (1)	7581489	Abedivaraki, M. (2023). Relativistic laser third-harmonic generation from magnetized plasmas under a tapered magnetostatic wiggler /. <i>Physics of plasmas.</i> , vol. 30(iss. 8), p. 1- 6. doi: 10.1063/5.0155016	T 008 (100)	9.2.	FTMC (7,185)
98.	FTMC (1)	7581506	Abedivaraki, M. (2023). The laser–plasma interaction: A bibliometric study /. <i>International Journal of Modern Physics B.</i> , vol. 37(iss. 06), p. 1-14. doi: 10.1142/S0217979223500546	T 008 (100)	9.2.	FTMC (6,201)
99.	VDU (0,25)	7581569	Malinauskaitė, J., & Jouhara, H. (2023). <i>Sustainable energy technology, business models, and policies : theoretical peripheries and practical implications</i> . San Diego: Elsevier.	T 006 (50)	9.1.	VDU (31,908)
100.	VDU (0,4)	7582551	Adem, M., Cochrane, L., Miceikienė, A., Skominas, R., & Azadi, H. (2023). The dynamics of multidimensional food security in rural Ethiopia. <i>Global food security</i> , 39, 1–15. doi: 10.1016/j.gfs.2023.100725	T 004 (50)	9.2.	VDU (7,838)
101.	LAMMC (0,8333); KU (0,1667)	7585087	Mockevičienė, I., Šiaudinis, G., Karčauskienė, D., Repšienė, R., Barčauskaitė, K., & Anne, O. (2023). The Evaluation of the Phytoremediation Potential of the Energy Crops in Acid Soil by Sewage Sludge Fertilization /. <i>Land.</i> , vol. 12(iss. 2), p. 1-14. doi: 10.3390/land12040866	T 005 (20)	9.2.	LAMMC (1,202); KU (0,24)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
102.	VU (0,25)	7585615	Fomin, V., Lyytinen, K., Haefliger, S., & de Vaujany, F. (2023). Implementation of weakly structured systems: moving from local practices to common organizational rules / <i>IT Implementation and adoption: proceedings of the forty-fourth international conference on information systems (ICIS 2023), India, December 10-13, 2023.</i> , (paper no. 1849), p. [1-17].	T 007 (50)	9.00.	VU (-)
103.	VU (0,8333); KTU (0,1667)	7585990	Bruzgė, R., Černevičienė, J., Šapkauskienė, A., Mačerinskienė, A., Masteika, S., & Driaunys, K. (2023). Stylized facts, volatility dynamics and risk measures of cryptocurrencies / <i>Journal of business economics and management.</i> , vol. 24(iss. 3), p. 527- 550. doi: 10.3846/jbem.2023.19118	T 007 (20)	9.2.	VU (1,151); KTU (0,23)
104.	VU (0,75); VILNIUS TECH (0,25)	7586131	Cohen, V., Bereznauskė, E., Burinskas, A., & Raslanas, S. (2023). Efficiency and challenges in public real estate management: insights from Lithuania / <i>International journal of strategic property management.</i> , vol. 27(iss. 4), p. 275-289. doi: 10.3846 /ijspm.2023.20362	T 002 (10)	9.2.	VU (0,4); VILNIUS TECH (0,133)
105.	VILNIUS TECH (0,875); VU (0,125)	7586306	Dzemydienė, D., Burinskienė, A., Čižiūnienė, K., & Miliauskas, A. (2023). Development of E-Service provision system architecture based on IoT and WSNs for monitoring and management of freight intermodal transportation / <i>Sensors.</i> , vol. 23(iss. 5), p. 1- 23. doi: 10.3390/s23052831	T 007 (40)	9.2.	VILNIUS TECH (2,754); VU (0,393)
106.	VILNIUS TECH (0,6667); VU (0,3333)	7586698	Jaržemskis, A., Bazaras, D., & Jaržemskienė, I. (2023). Commuting preferences in Eastern Europe: case study in town of Šiauliai / <i>Transport.</i> , vol. 38(iss. 1), p. 31-43. doi: 10.3846 /transport.2023.19181	T 003 (50)	9.2.	VILNIUS TECH (1,326); VU (0,663)
107.	VILNIUS TECH (0,5); VU (0,125)	7586758	Kaklauskas, A., Abraham, A., Kaklauskienė, L., Ubartė, I., Amaratunga, D., & Lill, I. et al. (2023). Synergy of climate change with country success and city quality of life / <i>Scientific reports.</i> , vol. 13, p. 1-16. doi: 10.1038/s41598-023-35133-4	T 004 (30), T 007 (20)	9.2.	VILNIUS TECH (3,333); VU (0,833)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
108.	VU (0,8333)	7587014	Masteika, S., Rebždys, E., Driaunys, K., Šapkauskienė, A., Mačerinskienė, A., & Krampas, E. (2023). Bitcoin double-spending risk and countermeasures at physical retail locations /. <i>International journal of information management.</i> , first published online, p. [1-17]. doi: 10.1016/j.ijinfomgt.2023.102727	T 007 (90)	9.2.	VU (47,344)
109.	VDU (0,125)	7589257	Vlasopoulos, A., Malinauskaitė, J., Żabnieńska-Góra, A., & Jouhara, H. (2023). Life cycle assessment of plastic waste and energy recovery. <i>Energy</i> , (277), 1-16. doi: 10.1016/j.energy. 2023.127576	T 004 (50)	9.2.	VDU (0,758)
110.	VU (1)	7591080	Vaitonis, M., & Korovkinas, K. (2023). The potential for real-time testing of high-frequency trading strategies through a developed tool during volatile market conditions /. <i>Applied computer science.</i> , vol. 19(no. 2), p. 63-81. doi: 10.35784/acs-2023-15	T 007 (60)	9.00.	VU (-)
111.	VU (0,0667)	7591563	Kircher, M., Aranda, E., Athanasios, P., Radojčić-Rednovnikov, I., Romantschuk, M., & Ryberg, M. et al. (2023). Treatment and valorization of bio-waste in the EU /. <i>EFB bioeconomy journal.</i> , vol. 3, p. [1-14]. doi: 10.1016/j.bioeco.2023.100051	T 005 (80)	9.00.	VU (-)
112.	FTMC (1)	7592017	Abromavičius, G., Skapas, M., & Juškėnas, R. (2023). Enhancing laser damage resistance of Co <sup>2+</sup> :MgAl <sub>2</sub> O <sub>4</sub> crystal by plasma etching /. <i>Applied sciences.</i> , vol. 13(iss. 2), p. 1-13. doi: 10.3390/app13021150	T 008 (40)	9.2.	FTMC (2,208)
113.	FTMC (0,5); VU (0,5)	7592577	Astrauskytė, D., Galvanauskas, K., Gailevičius, D., Drazdys, M., Malinauskas, M., & Grinevičiūtė, L. (2023). Anti-reflective coatings produced via atomic layer deposition for hybrid polymer 3D micro-optics /. <i>Nanomaterials.</i> , vol. 13(iss. 16), p. 1-13. doi: 10.3390/nano13162281	T 008 (100)	9.2.	FTMC (3,611); VU (3,611)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
114.	FTMC (0,8333); VU (0,1667)	7592891	Ayyagari, S., Indrišiūnas, S., & Kašalynas, I. (2023). Hybrid multi-phase fresnel lenses on silicon wafers for terahertz frequencies /. <i>IEEE transactions on terahertz science and technology.</i> , vol. 13 (iss. 3), p. 231-236. doi: 10.1109/TTHZ.2023.3263638	T 008 (30)	9.2.	FTMC (2,176); VU (0,435)
115.	VU (0,3888); FTMC (0,3333)	7592921	Babayigit, C., Grinevičiūtė, L., Nikitina, J., Melnikas, S., Gailevičius, D., & Staliūnas, K. (2023). Inverse designed photonic crystals for spatial filtering /. <i>Applied physics letters.</i> , vol. 122 (iss. 24), p. 1-6. doi: 10.1063/5.0150756	T 008 (100)	9.2.	VU (5,444); FTMC (4,667)
116.	FTMC (0,6667); VU (0,3333)	7593149	Belosludtsev, A., Melninkaitis, A., & Abromavičius, G. (2023). Significant enhancement in laser damage resistance of YAG crystal surface by plasma etching /. <i>Optics letters.</i> , vol. 48(iss. 9), p. 2226-2228. doi: 10.1364/OL.484704	T 008 (100)	9.2.	FTMC (5,854); VU (2,927)
117.	FTMC (0,75); VILNIUS TECH (0,0833)	7593263	Belosludtsev, A., Sytchkova, A., Baltrušaitis, K., Vaičiuskas, V., Jasulaitienė, V., & Gric, T. (2023). Growth of magnetron-sputtered ultrathin chromium films: In situ monitoring and ex situ film properties /. <i>Coatings: Advances in optical and optoelectronic: Materials and applications.</i> , vol. 13(iss. 2), p. 1-11. doi: 10.3390/coatings13020347	T 001 (30), T 008 (40)	9.2.	FTMC (4,27); VILNIUS TECH (0,474)
118.	VILNIUS TECH (0,9); FTMC (0,1)	7593716	Čerškus, A., Ušinskis, V., Šešok, N., Iljin, I., & Bučinskas, V. (2023). Optimization of damping in a semi-active car suspension system with various locations of masses /. <i>Applied sciences.</i> , vol. 13(iss. 9), p. 1-13. doi: 10.3390/app13095371	T 009 (70)	9.2.	VILNIUS TECH (3,478); FTMC (0,386)
119.	FTMC (0,05)	7593951	Dorner-Kirchner, M., Shumakova, V., Coccia, G., Kaksis, E., Schmidt, B., & Pervak, V. et al. (2023). HHG at the carbon K-edge directly driven by SRS red-shifted pulses from an ytterbium amplifier /. <i>ACS photonics.</i> , vol. 10(iss. 1), p. 84-91. doi: 10.1021/acsp Photonics.2c01021.s001	T 008 (100)	9.2.	FTMC (1,4)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formaliųjų vertė, taškai <sup>5</sup>
120.	FTMC (1)	7594035	Dudoitis, V., Gylienė, O., Dementjev, A., Mordas, G., Plauškaitė-Šukienė, K., & Byčenkienė, S. et al. (2023). Fabrication of chitosan-palladium nanoparticles by liquid atomization /. <i>Journal of polymers and the environment.</i> , vol. 31, p. 1029-1037. doi: 10.1007/s10924-022-02665-1	T 008 (10)	9.2.	FTMC (0,734)
121.	FTMC (0,2)	7594071	Eremchev, M., Roesel, D., Dansette, P., Michailovas, A., & Roke, S. (2023). High throughput wide field second harmonic imaging of giant unilamellar vesicles /. <i>Biointerphases.</i> , vol. 18(iss. 3), p. 1-8. doi: 10.1116/6.0002640	T 008 (100)	9.2.	FTMC (1,561)
122.	FTMC (1)	7594084	Fiodorov, V., Trusovas, R., Mockus, Z., Ratautas, K., & Račiukaitis, G. (2023). Laser-induced graphene formation on polyimide using UV to mid-infrared laser radiation /. <i>Polymers.</i> , vol. 15(no. 21), p. 1-13. doi: 10.3390/polym15214229	T 008 (80)	9.2.	FTMC (7,083)
123.	VU (0,3518); VUL SK (0,0926)	7596277	Vasiliauskaitė, L., Nakčerienė, B., Bakonytė, D., & Stakėnas, P. (2023). Spoligotyping of Mycobacterium tuberculosis - Comparing in vitro and in silico approaches. <i>INFECTION GENETICS AND EVOLUTION</i> , 8. doi: 10.1016/j.meegid.2023.105508	T 005 (30)	9.2.	VU (1,337); VUL SK (0,352)
124.	KTU (0,6667); FTMC (0,3333)	7596852	Gadeikytė, A., Abraitienė, A., & Barauskas, R. (2023). Application of combined micro- and macro-scale models to investigate heat and mass transfer through textile structures with additional ventilation /. <i>Mathematics.</i> , vol. 11(iss. 11), p. 1-20. doi: 10.3390/math11112532	T 008 (30)	9.2.	KTU (3,327); FTMC (1,664)
125.	VU (0,5); FTMC (0,3)	7596913	Gaidukevič, J., Aukštakojytė, R., Kozłowski, M., Barkauskas, J., & Pauliukaitė, R. (2023). A simple preparation of N-doped reduced graphene oxide as an electrode material for the detection of hydrogen peroxide and glucose /. <i>Electrochimica acta.</i> , vol. 446, p. 1-32. doi: 10.1016/j.electacta.2023.142113	T 008 (50)	9.2.	VU (2,868); FTMC (1,721)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
126.	FTMC (1)	7596927	Gaidys, M., Žemaitis, A., Gečys, P., & Gedvilas, M. (2023). Efficient surface polishing using burst and biburst mode ultrafast laser irradiation /. <i>RSC advances.</i> , vol. 13(iss. 6), p. 3586-3591. doi: 10.1039/D2RA05208C	T 008 (100)	9.2.	FTMC (6,403)
127.	FTMC (0,75); VILNIUS TECH (0,25)	7597054	Garbaras, A., Garbarienė, I., Bučinskas, L., Šapolaitė, J., Ežerinskis, Ž., & Matijošius, J. et al. (2023). Characterization of particulate matter emissions from internal combustion engines using δ13C values: Impact of engine operation conditions and fuel type on PM10 isotopic composition /. <i>Atmospheric pollution research.</i> , vol. 14(iss. 9), p. 1-9. doi: 10.1016/j.apr.2023.101868	T 003 (10), T 009 (10)	9.2.	FTMC (1,032); VILNIUS TECH (0,344)
128.	FTMC (0,3333)	7597074	Gavutis, M., Schulze-Niemand, E., Lee, H., Liedberg, B., Stein, M., & Valiokas, R. (2023). Bilayer lipid membrane formation on surface assemblies with sparsely distributed tethers /. <i>Nanoscale.</i> , vol. 15(iss. 22), p. 9759-9774. doi: 10.1039/D2NR07069C	T 008 (100)	9.2.	FTMC (5,922)
129.	FTMC (0,2727)	7597153	Grase, L., Onufrijevs, P., Rezevska, D., Racenis, K., Skadins, I., & Karosas, J. et al. (2023). Effect of femtosecond laser-irradiated titanium plates on enhanced antibacterial activity and preservation of bacteriophage stability /. <i>Nanomaterials.</i> , vol. 13 (iss. 14), p. 1-15. doi: 10.3390/nano13142032	T 008 (100)	9.2.	FTMC (3,411)
130.	VDU (1)	7598313	Bužinskienė, R., Miceikienė, A., Venslauskas, K., & Kęstutis, N. (2023). Assessment of energy–economy and environmental performance of perennial crops in terms of biogas production. <i>Agronomy</i> , 5(13), 1–24. doi: 10.3390/agronomy13051291	T 006 (50)	9.2.	VDU (4,374)
131.	VU (0,8571)	7598686	Šikšnys, V., Gasiūnas, G., Karvelis, T., Lubys, A., Zaliauskienė, L., & Glemžaitė, M. et al. (2023). <i>U. S. Patent No. US US11555187B2</i> . Jungtinės Amerikos Valstijos: U. S. Patent and Trademark Office.	T 005 (30)	9.4.	VU (5,455)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
132.	VU (0,5)	7598763	Balčas, G., Malinauskas, M., Farsari, M., & Juodkasis, S. (2023). Fabrication of glass-ceramic 3D micro-optics by combining laser lithography and calcination /. <i>Advanced functional materials.</i> , vol. 33(iss. 39), p. [1-16]. doi: 10.1002/adfm.202215230	T 008 (70)	9.2.	VU (16,376)
133.	VU (1)	7598860	Kriukienė, E., Gordevičius, J., Narmontė, M., & Gibas, P. (2023). <i>European Patent application EP EP4127223A1</i> . European Patent Office.	T 005 (40)	9.3.	VU (4)
134.	VU (1)	7598909	Matulis, D., Zakšauskas, A., Zubrienė, A., Baranauskienė, L., Matulienė, J., & Dudutienė, V. et al. (2023). <i>European Patent application EP EP4255886A1</i> . European Patent Office.	T 005 (40)	9.3.	VU (4)
135.	VU (1)	7599028	Kriukienė, E., Gordevičius, J., Narmontė, M., & Gibas, P. (2023). <i>U. S. Patent application US US20230151409A1</i> . U. S. Patent and Trademark Office.	T 005 (40)	9.3.	VU (4)
136.	VU (1)	7599111	Šikšnys, V., Gasiūnas, G., & Karvelis, T. (2023). <i>U. S. Patent application US US20230123754A1</i> . U. S. Patent and Trademark Office.	T 005 (30)	9.3.	VU (3)
137.	VU (0,8571)	7599214	Šikšnys, V., Gasiūnas, G., & Karvelis, T. (2023). <i>U. S. Patent application US US20230272394A1</i> . U. S. Patent and Trademark Office.	T 005 (30)	9.3.	VU (3,637)
138.	VU (0,3333)	7599536	Aldag, P., Rutkauskas, M., Madariaga-Marcos, J., Songailienė, I., Šinkūnas, T., & Kemmerich, F. et al. (2023). Dynamic interplay between target search and recognition for a Type I CRISPR-Cas system /. <i>Nature communications.</i> , vol. 14(iss. 1), p. [1-14]. doi: 10.1038/s41467-023-38790-1	T 005 (30)	9.2.	VU (2,836)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
139.	KTU (0,6364); VU (0,1818)	7599981	Beklešovas, B., Stankus, V., Abakevičienė, B., Link, J., Stern, R., & Plyushch, A. et al. (2023). Synthesis and characterization of Cr-doped Pb <sub>2</sub> Fe <sub>2</sub> O <sub>5</sub> thin films by reactive magnetron sputtering /. <i>ECS journal of solid state science and technology.</i> , vol. 12(iss. 10), p. 1-10. doi: 10.1149/2162-8777/ad0324	T 007 (20), T 008 (40)	9.2.	KTU (2,33); VU (0,666)
140.	FTMC (0,5); VILNIUS TECH (0,5)	7600081	Gric, T. (2023). Inhomogeneous inclusions enhanced negative absorption in the plasma-dielectric nanostructure /. <i>Optical and quantum electronics.</i> , vol. 55(iss. 7), p. 1-10. doi: 10.1007/s11082-023-04898-3	T 001 (90)	9.2.	FTMC (3,613); VILNIUS TECH (3,613)
141.	FTMC (0,25); VILNIUS TECH (0,25)	7600138	Gric, T., & Rafailov, E. (2023). On the study of ellipsoidal nanowire metamaterials for biomedical applications /. <i>Optical and quantum electronics.</i> , vol. 55(iss. 11), p. 1-8. doi: 10.1007/s11082-023-05369-5	T 001 (90)	9.2.	FTMC (2,555); VILNIUS TECH (2,555)
142.	VU (0,2857); LKA (0,0714)	7600310	But, D., Ikamas, K., Kołaciński, C., Chernyadiev, A., Vizbaras, D., & Knap, W. et al. (2023). Sub-terahertz feedback interferometry and imaging with emitters in 130 nm BiCMOS technology. <i>Scientific reports</i> , vol. 13(iss. 1), pp. 1-8. doi: 10.1038/s41598-023-43194-8	T 001 (50)	9.2.	VU (1,65); LKA (0,412)
143.	VU (1)	7600327	Butkus, S., Jukna, V., Kažukauskas, E., Svirksas, Ž., Paipulas, D., & Sirutkaitis, V. (2023). High-contrast marking of stainless-steel using bursts of femtosecond laser pulses /. <i>Micromachines.</i> , vol. 14(iss. 1), p. [1-11]. doi: 10.3390/mi14010194	T 001 (50)	9.2.	VU (3,079)
144.	VU (1)	7600389	Butkutė, A., Sirutkaitis, R., Gailevičius, D., Paipulas, D., & Sirutkaitis, V. (2023). Sapphire selective laser etching dependence on radiation wavelength and etchant /. <i>Micromachines.</i> , vol. 14(no. 1), p. [1-10]. doi: 10.3390/mi14010007	T 008 (70)	9.2.	VU (4,31)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
145.	KTU (0,5556); FTMC (0,2222)	7600536	Guzauskas, M., Volyniuk, D., Kulszewicz-Bajer, I., Mahmoudi, M., Lazauskas, A., & Jasinskas, V. et al. (2023). Thermally controllable tuning of emission properties of phenoxazine- substituted acridones as one step forward to efficient organic light-emitting diodes based on crystalline emitters /. <i>Advanced optical materials.</i> , vol. 11(iss. 24), p. 1-11. doi: 10.1002/adom. 202301059	T 005 (40), T 008 (30)	9.2.	KTU (7,41); FTMC (2,964)
146.	VU (0,5); KTU (0,0833)	7600933	Dumbryte, I., Narbutis, D., Androulidaki, M., Vailionis, A., Juodkasis, S., & Malinauskas, M. (2023). Teeth microcracks research: towards multi-modal imaging /. <i>Bioengineering.</i> , vol. 10 (iss. 12), p. 1-12. doi: 10.3390/bioengineering10121354	T 008 (30)	9.2.	VU (2,455); KTU (0,409)
147.	VILNIUS TECH (0,5); FTMC (0,125)	7601011	Jankauskas, M., Serackis, A., Šapurov, M., Pomarnacki, R., Baškys, A., & Hyunh, V. et al. (2023). Exploring the limits of early predictive maintenance in wind turbines applying an anomaly detection technique /. <i>Sensors.</i> , vol. 23(iss. 12), p. 1-10. doi: 10.3390/s23125695	T 001 (80)	9.2.	VILNIUS TECH (6,295); FTMC (1,574)
148.	VU (0,8)	7601029	Gailevičius, D., Žvirblis, R., Galvanauskas, K., Batavičiūtė, G., & Malinauskas, M. (2023). Calcination-enhanced laser-induced damage threshold of 3D micro-optics made with laser multi- photon lithography /. <i>Photonics: Research in computational optics.</i> , vol. 10(iss. 5), p. [1-8]. doi: 10.3390/photonics10050597	T 008 (70)	9.2.	VU (5,222)
149.	FTMC (0,75); VU (0,25)	7601180	Javorskis, T., Rakickas, T., Jankūnaitė, A., Vaitekoniš, Š., Ulčinai, A., & Orentas, E. (2023). Maskless, reusable visible-light direct- write stamp for microscale surface patterning /. <i>ACS applied materials &amp; interfaces.</i> , vol. 15(iss. 8), p. 11259-11267. doi: 10.1021/acsami.2c20568.s001	T 008 (100)	9.2.	FTMC (8,562); VU (2,854)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
150.	VU (0,6667); FTMC (0,3333)	7601227	Jeršovaitė, J., Šarachovaitė, U., Matulaitienė, I., Niaura, G., Baltriukienė, D., & Malinauskas, M. (2023). Biocompatibility enhancement via post-processing of microporous scaffolds made by optical 3D printer /. <i>Frontiers in bioengineering and biotechnology: Advanced three-dimensional platforms for tissue regeneration: when microenvironment matters.</i> , vol. 11, p. [1- 14]. doi: 10.3389/fbioe.2023.1167753	T 008 (60)	9.2.	VU (3,332); FTMC (1,666)
151.	VU (0,4)	7601256	Avižinienė, A., Kučinskaitė-Kodžė, I., Petraitytė-Burneikienė, R., Žvirblienė, A., Mertens, M., & Schmidt, S. et al. (2023). Characterization of a panel of cross-reactive hantavirus nucleocapsid protein-specific monoclonal antibodies /. <i>Viruses.</i> , vol. 15(iss. 2), p. [1-18]. doi: 10.3390/v15020532	T 005 (40)	9.2.	VU (3,266)
152.	VU (0,4286)	7601281	Gonzalez Hernandez, D., Sanchez-Padilla, B., Gailevičius, D., Thodika, S., Juodkasis, S., & Brasselet, E. et al. (2023). Single- step 3D printing of micro-optics with adjustable refractive index by ultrafast laser nanolithography /. <i>Advanced optical materials.</i> , vol. 11(iss. 14), p. [1-7]. doi: 10.1002/adom.202300258	T 008 (50)	9.2.	VU (5,001)
153.	KTU (0,6); VU (0,4)	7601361	Grauzeliene, S., Kazlauskaitė, B., Skliutas, E., Malinauskas, M., & Ostrauskaitė, J. (2023). Photocuring and digital light processing 3D printing of vitrimer composed of 2-hydroxy-2-phenoxypropyl acrylate and acrylated epoxidized soybean oil /. <i>Express polymer letters.</i> , vol. 17(iss. 1), p. 54-68. doi: 10.3144/expresspolymlett. 2023.5	T 005 (60)	9.2.	KTU (2,138); VU (1,425)
154.	VU (0,7692); KTU (0,2308)	7601454	Bagdonas, M., Čerepenkaitė, K., Mickevičiūtė, A., Kananavičiūtė, R., Grybaitė, B., & Anusevičius, K. et al. (2023). Screening, synthesis and biochemical characterization of SARS-CoV-2 protease inhibitors /. <i>International journal of molecular sciences.</i> , vol. 24(iss. 17), p. 1-15. doi: 10.3390/ijms241713491	T 005 (30)	9.2.	VU (1,896); KTU (0,569)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
155.	FTMC (1)	7601494	Jurkšaitis, P., Bužavaitė-Vertelienė, E., & Balevičius, Z. (2023). Strong coupling between surface plasmon resonance and exciton of labeled protein–dye complex for immunosensing applications /. <i>International journal of molecular sciences.</i> , vol. 24(iss. 3), p. 1-9. doi: 10.3390/ijms24032029	T 008 (100)	9.2.	FTMC (8,217)
156.	FTMC (0,2)	7601658	Kapitany, V., Žičkus, V., Fatima, A., Carles, G., & Faccio, D. (2023). Single-shot time-folded fluorescence lifetime imaging /. <i>Proceedings of the National Academy of Sciences of the United States of America.</i> , vol. 120(no. 16), p. 1-6. doi: 10.1073/pnas. 2214617120	T 008 (100)	9.2.	FTMC (3,831)
157.	VU (0,25)	7601744	Hanif, M., Rauf, S., Mosialek, M., Khan, K., Kavaliukė, V., & Kežionis, A. et al. (2023). Mo-doped BaCe0·9Y0·1O3-δ proton- conducting electrolyte at intermediate temperature SOFCs. Part I: Microstructure and electrochemical properties /. <i>International journal of hydrogen energy: Materials and methods for hydrogen energy.</i> , vol. 48(iss. 96), p. 37532-37549. doi: 10.1016/j.ijhydene. 2023.01.144	T 008 (50)	9.2.	VU (3,391)
158.	VU (1)	7602366	Jonušis, M., Vektarienė, A., Mikulskienė, G., Jonušienė, S., Vektarytė, D., & Jančienė, R. (2023). Unexpected transformation of 1,5-benzodiazepine derivatives under imidazo-annulation reaction conditions /. <i>Chemistry of heterocyclic compounds.</i> , vol. 59(no. (4/5)), p. 283-288. doi: 10.1007/s10593-023-03194-y	T 005 (40)	9.2.	VU (1,889)
159.	KTU (0,7143); FTMC (0,2857)	7602490	Khinevich, N., Juodėnas, M., Tamulevičienė, A., Tamulevičius, T., Talaikis, M., & Niaura, G. et al. (2023). Wavelength-tailored enhancement of Raman scattering on a resonant plasmonic lattice /. <i>Sensors and actuators B: Chemical.</i> , vol. 394, p. 1-8. doi: 10.1016/j.snb.2023.134418	T 008 (40)	9.2.	KTU (7,46); FTMC (2,984)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
160.	VU (0,1111)	7603453	Bakula, Z., Marczak, M., Bluszcz, A., Proboszcz, M., Kościuch, J., & Krenke, R. et al. (2023). Phylogenetic relationships of Mycobacterium tuberculosis isolates in Poland: The emergence of Beijing genotype among multidrug-resistant cases /. <i>Frontiers in cellular and infection microbiology.</i> , vol. 13, p. [1-10]. doi: 10.3389/fcimb.2023.1161905	T 005 (30)	9.2.	VU (0,651)
161.	VU (0,013)	7603476	Burdziak, C., Alonso-Curbelo, D., Walle, T., Reyes, J., Barriga, F., & Haviv, D. et al. (2023). Epigenetic plasticity cooperates with cell-cell interactions to direct pancreatic tumorigenesis /. <i>Science.</i> , vol. 380(iss. 6645), p. [1-15]. doi: 10.1126/science. add5327	T 005 (40)	9.2.	VU (0,981)
162.	VU (0,0416)	7603534	Cao, Z., Fu, X., Li, H., Pandit, S., Amombo Noa, F., & Öhrström, L. et al. (2023). Synthesis of metal-organic frameworks through enzymatically recycled polyethylene terephthalate /. <i>ACS Sustainable Chemistry and Engineering.</i> , vol. 11(iss. 43), p. 15506-15512. doi: 10.1021/acssuschemeng.3c05222	T 005 (40)	9.2.	VU (0,332)
163.	VU (0,618)	7603588	Carlucci, M., Bareikis, T., Koncevičius, K., Gibas, P., Kriščiūnas, A., & Petronis, A. et al. (2023). Scikick: a sidekick for workflow clarity and reproducibility during extensive data analysis /. <i>PLoS ONE.</i> , vol. 18(iss. 7), p. [1-8]. doi: 10.1371/journal.pone.0289171	T 005 (30)	9.2.	VU (1,786)
164.	LAMMC (0,8333); KU (0,1667)	7604056	Barčauskaitė, K., Anne, O., Mockevičienė, I., Repšienė, R., Šiaudinis, G., & Karčauskienė, D. (2023). Determination of heavy metals immobilization by chemical fractions in contaminated soil amended with biochar /. <i>Sustainability.</i> , vol. 15(iss. 11), p. 1-15. doi: 10.3390/su15118677	T 004 (10)	9.2.	LAMMC (0,537); KU (0,107)
165.	VU (0,466); FTMC (0,4)	7604332	Lukošiūnas, I., Grinevičiūtė, L., Nikitina, J., Gailevičius, D., & Staliūnas, K. (2023). Extremely narrow sharply peaked resonances at the edge of the continuum /. <i>Physical review A.</i> , vol. 107(iss. 6), p. 1-5. doi: 10.1103/PhysRevA.107.L061501	T 008 (50)	9.2.	VU (2,505); FTMC (2,151)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
166.	VILNIUS TECH (0,75); VU (0,2)	7604347	Lunkevičiūtė, D., Vorobjovas, V., Vitta, P., & Čygas, D. (2023). Research of the luminance of asphalt pavements in trafficked areas /. <i>Sustainability: Sustainable Road Materials and Pavement Design.</i> , vol. 15(iss. 3), p. 1-19. doi: 10.3390/su15032826	T 002 (60), T 003 (20)	9.2.	VILNIUS TECH (3,868); VU (1,032)
167.	VU (0,132)	7605112	Mu, H., Smith, D., Katkus, T., Gailevičius, D., Malinauskas, M., & Nishijima, Y. et al. (2023). Polarisation control in arrays of microlenses and gratings: performance in visible–IR spectral ranges /. <i>Micromachines: Special issue: Advanced laser fabrication technologies for cross-field applications, volume II.</i> , vol. 14(iss. 4), p. [1-19]. doi: 10.3390/mi14040798	T 008 (50)	9.2.	VU (1,408)
168.	VU (0,0125)	7606299	Correia-Melo, C., Kamrad, S., Tengölics, R., Messner, C., Trebulle, P., & Townsend, S. et al. (2023). Cell-cell metabolite exchange creates a pro-survival metabolic environment that extends lifespan /. <i>Cell.</i> , vol. 186(iss. 1), p. 63-79. doi: 10.1016/j.cell.2022.12.007	T 005 (30)	9.2.	VU (0,792)
169.	VU (0,68)	7606432	Samsonas, D., Skliutas, E., Čiburys, A., Kontenis, L., Gailevičius, D., & Berzinš, J. et al. (2023). 3D nanopolymerization and damage threshold dependence on laser wavelength and pulse duration /. <i>Nanophotonics: Special issue on Nanofabrication.</i> , vol. 12(iss. 8), p. 1537-1548. doi: 10.1515/nanoph-2022-0629	T 008 (50)	9.2.	VU (7,275)
170.	VU (1)	7606525	Dudkaitė, V., Kairys, V., & Bagdžiūnas, G. (2023). Understanding the activity of glucose oxidase after exposure to organic solvents /. <i>Journal of materials chemistry B.</i> , vol. 11(iss. 11), p. 2409- 2416. doi: 10.1039/D2TB02605H	T 005 (20)	9.2.	VU (1,734)
171.	VU (1)	7606601	Gabrielaitis, D., Žitkutė, V., Saveikytė, L., Labutytė, G., Skapas, M., & Meškys, R. et al. (2023). Nanotubes from bacteriophage tail sheath proteins: internalisation by cancer cells and macrophages /. <i>Nanoscale advances.</i> , vol. 5(iss. 14), p. 3705-3716. doi: 10.1039/d3na00166k	T 005 (30)	9.2.	VU (2,164)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
172.	VU (0,25)	7606653	Gåsland, H., Trier, N., Kyllsbech, C., Draborg, A., Slibinskas, R., & Čiplys, E. et al. (2023). Antibodies to expanded virus antigen panels show elevated diagnostic sensitivities in multiple sclerosis and optic neuritis /. <i>Immunology letters.</i> , vol. 254, p. 54-64. doi: 10.1016/j.imlet.2023.02.003	T 005 (30)	9.2.	VU (0,954)
173.	VU (0,04)	7606709	Glasner, A., Rose, S., Sharma, R., Gudjonson, H., Chu, T., & Green, J. et al. (2023). Conserved transcriptional connectivity of regulatory T cells in the tumor microenvironment informs new combination cancer therapy strategies /. <i>Nature immunology.</i> , vol. 24(iss. 6), p. 1020-1035. doi: 10.1038/s41590-023-01504-2	T 005 (30)	9.2.	VU (1,604)
174.	FTMC (0,625); VILNIUS TECH (0,1875); VDU (0,125); VU (0,0625)	7607283	Kižys, K., Zinovičius, A., Jakštys, B., Bružaitė, I., Balčiūnas, E., & Petrulevičienė, M. et al. (2023). Microbial biofuel cells: Fundamental principles, development and recent obstacles /. <i>Biosensors: Special issue: Biosensors based on microbial fuel cells.</i> , vol. 13(iss. 2), p. 1-16. doi: 10.3390/bios13020221	T 008 (10)	9.2.	FTMC (0,542); VILNIUS TECH (0,163); VDU (0,108); VU (0,054)
175.	KTU (0,5); FTMC (0,2)	7607405	Krauledaitė, J., Ancutienė, K., Krauledas, S., Urbelis, V., & Sacevičienė, V. (2023). The influence of high molecular weight polyethylene and basalt content on the mechanical risks of protective three-dimensional weft-knitted fabrics designed to wear next to skin /. <i>Textile research journal.</i> , vol. 93(iss. 13-14), p. 3020-3035. doi: 10.1177/00405175231151441	T 008 (100)	9.2.	KTU (4,861); FTMC (1,944)
176.	VU (1)	7608462	Grybauskas, A., & Gražulis, S. (2023). Building protein structure- specific rotamer libraries /. <i>Bioinformatics.</i> , vol. 39(iss. 7), p. [1- 8]. doi: 10.1093/bioinformatics/btad429	T 005 (40)	9.2.	VU (3,745)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
177.	VU (0,5)	7608505	Hadi Ali Janvand, S., Ladefoged, L., Zubrienė, A., Sakalauskas, A., Christiansen, G., & Dudutienė, V. et al. (2023). Inhibitory effects of fluorinated benzenesulfonamides on insulin fibrillation /. <i>International journal of biological macromolecules.</i> , vol. 227, p. 590-600. doi: 10.1016/j.ijbiomac.2022.12.105	T 005 (50)	9.2.	VU (6,216)
178.	VU (0,0435)	7608540	Heuser, E., Drewes, S., Trimpert, J., Kunec, D., Mehl, C., & de Cock, M. et al. (2023). Pet rats as the likely reservoir for human Seoul orthohantavirus infection /. <i>Viruses.</i> , vol. 15(iss. 2), p. [1- 15]. doi: 10.3390/v15020467	T 005 (30)	9.2.	VU (0,421)
179.	VU (0,7273)	7608633	Skliutas, E., Samsonas, D., Čiburys, A., Kontenis, L., Gailevičius, D., & Berzinš, J. et al. (2023). X-photon laser direct write 3D nanolithography /. <i>Virtual and physical prototyping.</i> , vol. 18(iss. 1), p. [1-16]. doi: 10.1080/17452759.2023.2228324	T 008 (50)	9.2.	VU (10,737)
180.	VU (0,0313)	7608682	Jung, E., Ellinghaus, D., Degenhardt, F., Meguro, A., Khor, S., & Mucha, S. et al. (2023). Genome-wide association analysis reveals the associations of NPHP4, TYW1-AUTS2 and SEMA6D for Behçet's disease and HLA-B*46:01 for its intestinal involvement /. <i>Digestive and liver disease.</i> , Early Access, p. [1-8]. doi: 10.1016/j.dld.2023.10.021	T 005 (30)	9.2.	VU (0,175)
181.	KTU (0,4583); LSMU (0,0833); VU (0,0417)	7608752	Juodeikiene, G., Trakselyte-Rupsiene, K., Reikertaite, K., Janic Hajnal, E., Bartkevics, V., & Pugajeva, I. et al. (2023). Influence of biotreatment on <i>Hordeum vulgare</i> L. cereal wholemeal contamination and enzymatic activities /. <i>Foods.</i> , vol. 12(iss. 5), p. 1-15. doi: 10.3390/foods12051050	T 005 (80)	9.2.	KTU (7,827); LSMU (1,423); VU (0,712)
182.	FTMC (0,7); VILNIUS TECH (0,15); VU (0,15)	7608810	Stankevič, V., Keršulis, S., Dilys, J., Bleizgys, V., Viliūnas, M., & Vertelis, V. et al. (2023). Measurement system for short-pulsed magnetic fields /. <i>Sensors: Magnetic Sensors and Systems for Scientific and Industrial Applications.</i> , vol. 23(iss. 3), p. 1-15. doi: 10.3390/s23031435	T 001 (30)	9.2.	FTMC (1,653); VILNIUS TECH (0,354); VU (0,354)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
183.	VU (0,1333)	7609089	Kyllesbech, C., Trier, N., Mughal, F., Hansen, P., Holmström, M., & el Fassi, D. et al. (2023). Antibodies to calnexin and mutated calreticulin are common in human sera /. <i>Current research in translational medicine.</i> , vol. 71(iss. 2), p. [1-13]. doi: 10.1016/j. retram.2023.103380	T 005 (40)	9.2.	VU (0,985)
184.	VU (0,0354)	7609183	Lensink, M., Brysbaert, G., Raouraoua, N., Bates, P., Giulini, M., & Honorato, R. et al. (2023). Impact of AlphaFold on structure prediction of protein complexes: The CASP15-CAPRI experiment /. <i>Proteins: structure, function and bioinformatics: Special Issue: CASP15: Critical Assessment of methods for Structure Prediction, 15th round.</i> , vol. 91(iss. 12), p. 1658-1683. doi: 10.1002/prot.26609	T 005 (30)	9.2.	VU (0,428)
185.	VU (1)	7609351	Tamulienė, J., & Šarlauskas, J. (2023). Impact of incremental methylene groups on the energetic properties of aromatic nitramines /. <i>Energies.</i> , vol. 16(iss. 7), p. [1-14]. doi: 10.3390/en16073117	T 005 (20)	9.2.	VU (1,009)
186.	VU (0,8261)	7609361	Lingé, D., Gedgudas, M., Merkys, A., Petrauskas, V., Vaitkus, A., & Grybauskas, A. et al. (2023). PLBD: protein-ligand binding database of thermodynamic and kinetic intrinsic parameters /. <i>Database : the journal of biological databases and curation.</i> , vol. 2023, p. [1-8]. doi: 10.1093/database/baad040	T 005 (40)	9.2.	VU (5,987)
187.	VU (0,125)	7609431	Li, Z., Zhong, Z., Wu, Z., Pausch, P., Al-Shayeb, B., & Amerasekera, J. et al. (2023). Genome editing in plants using the compact editor CasΦ /. <i>PNAS(Proceedings of the National Academy of Sciences of the United States of America).</i> , vol. 120 (no. 4), p. [1-10]. doi: 10.1073/pnas.2216822120	T 005 (100)	9.2.	VU (3,386)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
188.	VU (1)	7609474	Lučiūnaitė, A., Dalgėdienė, I., Vasiliūnaitė, E., Norkienė, M., Kučinskaitė-Kodžė, I., & Žvirblienė, A. et al. (2023). Immunogenic properties and antigenic similarity of virus-like particles derived from human polyomaviruses /. <i>International journal of molecular sciences.</i> , vol. 24(iss. 5), p. [1-18]. doi: 10.3390/ijms24054907	T 005 (40)	9.2.	VU (3,287)
189.	VU (0,8333); VILNIUS TECH (0,1667)	7609508	Lukavičiūtė, L., Karčiauskaitė, J., Grigoravičiūtė, I., Vasiliauskienė, D., Sokol, D., & Kareiva, A. (2023). Calcium hydroxyapatite coatings: Low-temperature synthesis and investigation of antibacterial properties /. <i>Coatings: Advances in Surface Engineering and Biocompatible Coatings for Biomedical Applications.</i> , vol. 13(iss. 12), p. 1-16. doi: 10.3390/coatings13121991	T 005 (60)	9.2.	VU (2,876); VILNIUS TECH (0,575)
190.	VU (0,25)	7609584	Lukić Bilela, L., Matijošytė, I., Krutkevičius, J., Alexandrino, D., Safarik, I., & Burlakovs, J. et al. (2023). Impact of per- and polyfluorinated alkyl substances (PFAS) on the marine environment: Raising awareness, challenges, legislation, and mitigation approaches under the One Health concept /. <i>Marine pollution bulletin.</i> , vol. 194(Pt A), p. [1-24]. doi: 10.1016/j.marpolbul.2023.115309	T 005 (50)	9.2.	VU (3,183)
191.	VUL SK (0,5); VU (0,2857); MRU (0,1429); VILNIUS TECH (0,0714)	7609605	Vaitkevičienė, G., Ažukaitis, K., Jankauskienė, A., Petrėnė, J., Purnaitė, R., & Trinkūnas, J. et al. (2023). Development and Integration of Patient-Reported Measures into E-Health System: Pilot Feasibility Study. <i>HEALTHCARE</i> , vol. 11, 16. doi: 10.3390/healthcare11162290	T 007 (40)	9.2.	VUL SK (1,59); VU (0,908); MRU (0,454); VILNIUS TECH (0,227)
192.	VU (0,8333)	7609674	Merkys, A., Vaitkus, A., Grybauskas, A., Konovalovas, A., Quirós, M., & Gražulis, S. (2023). Graph isomorphism-based algorithm for cross-checking chemical and crystallographic descriptions /. <i>Journal of cheminformatics.</i> , vol. 15(iss. 1), p. [1-13]. doi: 10.1186/s13321-023-00692-1	T 005 (40)	9.2.	VU (5,953)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
193.	VU (0,875); LKA (0,125)	7609823	Vyšniauskas, J., Ikamas, K., Vizbaras, D., & LISAUSKAS, A. (2023). Two-dimensional hydrodynamic modelling of AlGaIn/GaN transistor-based THz detectors. <i>Lithuanian Journal of Physics.</i> , vol. 63(no. 4), pp. 218-232. doi: 10.3952/physics.2023.63.4.4	T 001 (50)	9.00.	VU (-); LKA (-)
194.	VU (0,1176)	7609848	Wang, H., Zhang, W., Ladika, D., Yu, H., Gailevičius, D., & Wang, H. et al. (2023). Two-photon polymerization lithography for optics and photonics: fundamentals, materials, technologies, and applications /. <i>Advanced functional materials: Special Issue: New Frontiers in Materials and Technologies for 3D Two Photon Polymerization.</i> , vol. 33(iss. 39), p. 1-51. doi: 10.1002/adfm. 202214211	T 008 (70)	9.2.	VU (6,674)
195.	VU (0,9545)	7610357	Mickutė, M., Krasauskas, R., Kvederavičiūtė, K., Tupikaitė, G., Osipenko, A., & Kaupinis, A. et al. (2023). Interplay between bacterial 5'-NAD-RNA decapping hydrolase NudC and DEAD-box RNA helicase CsdA in stress responses /. <i>mSystems.</i> , vol. 8(iss. 5), p. [1-25]. doi: 10.1128/msystems.00718-23	T 005 (30)	9.2.	VU (4,106)
196.	VU (1)	7610424	Mogila, I., Tamulaitienė, G., Keda, K., Timinskas, A., Rukšėnaitė, A., & Sasnauskas, G. et al. (2023). Ribosomal stalk-captured CARF-RelE ribonuclease inhibits translation following CRISPR signaling /. <i>Science.</i> , vol. 382(no. 6674), p. 1036-1041. doi: 10.1126/science.adj2107	T 005 (30)	9.2.	VU (17,068)
197.	VU (1)	7610504	Olechnovič, K., Valančauskas, L., Dapkūnas, J., & Venclovas, Č. (2023). Prediction of protein assemblies by structure sampling followed by interface-focused scoring /. <i>Proteins - structure function and bioinformatics: Special issue:CASP15: Critical Assessment of methods for Structure Prediction, 15th round.</i> , vol. 91(iss. 12), p. 1724-1733. doi: 10.1002/prot.26569	T 005 (30)	9.2.	VU (2,016)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
198.	VU (0,75); FTMC (0,125); LSMU (0,125)	7610521	Preikša, J., Petrikaitė, V., Petrauskas, V., & Matulis, D. (2023). Intrinsic solubility of ionizable compounds from pKa shift /. <i>ACS Omega.</i> , vol. 8(iss. 47), p. 44571-44577. doi: 10.1021/acsomega. 3c04071	T 005 (30)	9.2.	VU (1,39); FTMC (0,232); LSMU (0,232)
199.	VU (1)	7610580	Olechnovič, K., & Venclovas, Č. (2023). VoronIF-GNN: Voronoi tessellation-derived protein-protein interface assessment using a graph neural network /. <i>Proteins: Special Issue: CASP15: Critical Assessment of methods for Structure Prediction, 15th round.</i> , vol. 91(iss. 12), p. 1879-1888. doi: 10.1002/prot.26554	T 005 (40)	9.2.	VU (2,688)
200.	VILNIUS TECH (0,75); VU (0,25)	7610663	Pachaleva, J., Gruškienė, R., Bočkuvienė, A., & Sereikaitė, J. (2023). The application of pectin and chitoooligosaccharides for the preparation of nisin-loaded nanoparticles with different surface charges /. <i>Cellulose.</i> , vol. 30(iss. 14), p. 8985-8996. doi: 10.1007/s10570-023-05380-9	T 005 (100)	9.2.	VILNIUS TECH (8,046); VU (2,682)
201.	LSMU (0,5); VU (0,3333)	7610717	Pampuščenko, K., Morkūnienė, R., Krasauskas, L., Smirnovas, V., Brown, G., & Borutaitė, V. (2023). Extracellular tau stimulates phagocytosis of living neurons by activated microglia via Toll-like 4 receptor–NLRP3 inflammasome–caspase-1 signalling axis /. <i>Scientific reports.</i> , vol. 13(iss. 1), p. [1-14]. doi: 10.1038/s41598- 023-37887-3	T 005 (40)	9.2.	LSMU (1,886); VU (1,257)
202.	VU (0,1111)	7611009	Perez Mora, B., Giordano, R., Permingeat, V., Calderone, M., Arana, N., & Müller, G. et al. (2023). BfmRS encodes a regulatory system involved in light signal transduction modulating motility and desiccation tolerance in the human pathogen <i>Acinetobacter baumannii</i> /. <i>Scientific reports.</i> , vol. 13(iss. 1), p. [1-13]. doi: 10.1038/s41598-022-26314-8	T 005 (30)	9.2.	VU (0,385)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
203.	LSMU (0,25); VU (0,125)	7611575	Petrikaitė, V., D'Avanzo, N., Celia, C., & Fresta, M. (2023). Nanocarriers overcoming biological barriers induced by multidrug resistance of chemotherapeutics in 2D and 3D cancer models /. <i>Drug resistance updates.</i> , vol. 68, p. [1-18]. doi: 10.1016/j.drug.2023.100956	T 005 (50)	9.2.	LSMU (7,413); VU (3,706)
204.	FTMC (0,0625)	7612029	Lyons, A., Žičkus, V., Álvarez-Mendoza, R., Triggiani, D., Tamma, V., & Westerberg, N. et al. (2023). Fluorescence lifetime Hong- Ou-Mandel sensing /. <i>Nature communications.</i> , vol. 14, p. 1-7. doi: 10.1038/s41467-023-43868-x	T 008 (100)	9.2.	FTMC (2,171)
205.	VU (0,9167)	7612044	Rainytė, J., Žvirblis, G., Zaveckas, M., Kučinskaitė-Kodžė, I., Silimavičius, L., & Petraitytė-Burneikienė, R. (2023). Immunological comparison of recombinant shrimp allergen Pen m 4, produced in <i>Pichia pastoris</i> and <i>Escherichia coli</i> /. <i>Journal of biotechnology.</i> , vol. 369, p. 1-13. doi: 10.1016/j.jbiotec.2023.05.002	T 005 (40)	9.2.	VU (4,272)
206.	VU (1)	7612102	Sakalauskas, A., Žiaunys, M., Sniečkutė, R., Janonienė, A., Veiveris, D., & Žvirblis, M. et al. (2023). The major components of cerebrospinal fluid dictate the characteristics of inhibitors against amyloid-beta aggregation /. <i>International journal of molecular sciences.</i> , vol. 24(iss. 6), p. [1-12]. doi: 10.3390/ijms24065991	T 005 (40)	9.2.	VU (3,287)
207.	KTU (0,8); FTMC (0,2)	7612124	Macionis, S., Gudeika, D., Volyniuk, D., Mahmoudi, M., Simokaitiene, J., & Andruleviciene, V. et al. (2023). Effect of substituents with the different electron-donating abilities on optoelectronic properties of bipolar thioxanthone derivatives /. <i>ACS applied electronic materials.</i> , vol. 5(iss. 4), p. 2227-2238. doi: 10.1021/acsaelm.3c00092	T 005 (80)	9.2.	KTU (5,249); FTMC (1,312)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formaliąjį vertę, taškais <sup>5</sup>
208.	FTMC (0,7778)	7612247	Markauskas, E., Zubauskas, L., Naujokaitis, A., Čechavičius, B., Talaikis, M., & Niaura, G. et al. (2023). GaAs ablation with ultrashort laser pulses in ambient air and water environments /. <i>Journal of applied physics.</i> , vol. 133(iss. 23), p. 1-9. doi: 10.1063/5.0152173	T 008 (30)	9.2.	FTMC (1,933)
209.	FTMC (1)	7612274	Markauskas, E., Zubauskas, L., Račiukaitis, G., & Gečys, P. (2023). Femtosecond laser cutting of 110–550 μm thickness borosilicate glass in ambient air and water /. <i>Micromachines.</i> , vol. 14(iss. 1), p. 1-19. doi: 10.3390/mi14010176	T 008 (100)	9.2.	FTMC (6,158)
210.	VU (0,5714); FTMC (0,2143)	7612420	Merkininkaitė, G., Gailevičius, D., Staišiūnas, L., Ežerskytė, E., Vargalis, R., & Malinauskas, M. et al. (2023). Additive manufacturing of SiOC, SiC, and Si3N4 ceramic 3D microstructures /. <i>Advanced engineering materials.</i> , vol. 25(iss. 17), p. [1-11]. doi: 10.1002/adem.202300639	T 008 (80)	9.2.	VU (3,992); FTMC (1,497)
211.	FTMC (0,5833); KTU (0,4167)	7612445	Meškinis, Š., Gudaitis, R., Vasiliauskas, A., Guobienė, A., Jankauskas, Š., & Stankevič, V. et al. (2023). Biosensor based on graphene directly grown by MW-PECVD for detection of COVID-19 spike (S) protein and its entry receptor ACE2 /. <i>Nanomaterials.</i> , vol. 13(iss. 16), p. 1-18. doi: 10.3390/nano13162373	T 008 (50)	9.2.	FTMC (2,106); KTU (1,504)
212.	FTMC (0,1667); VILNIUS TECH (0,1667)	7612481	Micek, P., Belosludtsev, A., Gric, T., Pudis, D., Gaso, P., & Gorauš, M. (2023). Experimental investigation of a near-field focusing performance of the IP-Dip polymer based 2D and 3D Fresnel zone plate geometries fabricated using 3D laser lithography coated with hyperbolic dispersion surface layered metamaterial /. <i>Nanophotonics.</i> , vol. 12(iss. 17), p. 3417-3425. doi: 10.1515/nanoph-2023-0258	T 001 (70), T 008 (20)	9.2.	FTMC (2,269); VILNIUS TECH (2,269)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
213.	FTMC (0,7727); VU (0,2273)	7612564	Mikoliūnaitė, L., Stankevičius, E., Adomavičiūtė-Grabusovė, S., Petrikaitė, V., Trusovas, R., & Talaikis, M. et al. (2023). Magneto- plasmonic nanoparticles generated by laser ablation of layered Fe/Au and Fe/Au/Fe composite films for SERS application /. <i>Coatings.</i> , vol. 13(iss. 9), p. 1-17. doi: 10.3390/coatings13091523	T 008 (30)	9.2.	FTMC (1,333); VU (0,392)
214.	VU (0,25)	7612771	Sanders, E., Csondor, R., Šulskis, D., Baronaitė, I., Smirnovas, V., & Maheswaran, L. et al. (2023). The stabilization of S100A9 structure by calcium inhibits the formation of amyloid fibrils /. <i>International journal of molecular sciences.</i> , vol. 24(iss.17), p. [1- 14]. doi: 10.3390/ijms241713200	T 005 (40)	9.2.	VU (1,423)
215.	VU (0,0435)	7612864	Schweke, H., Xu, Q., Tauriello, G., Pantolini, L., Schwede, T., & Cazals, F. et al. (2023). Discriminating physiological from non- physiological interfaces in structures of protein complexes: A community-wide study /. <i>Proteomics.</i> , vol. 23(iss. 17), p. [1-21]. doi: 10.1002/pmic.202200323	T 005 (30)	9.2.	VU (0,421)
216.	FTMC (0,3333)	7612950	Myronyuk, O., Baklan, D., & Rodin, A. (2023). Owens–wendt method for comparing the UV stability of spontaneous liquid- repellency with wet chemical treatment of laser-textured stainless steel /. <i>Biomimetics.</i> , vol. 8(iss. 8), p. 1-16. doi: 10.3390/biomimetics8080584	T 001 (50), T 008 (50)	9.2.	FTMC (4,05)
217.	FTMC (0,3333)	7612968	Myronyuk, O., Baklan, D., & Rodin, A. (2023). UV resistance of super-hydrophobic stainless steel surfaces textured by femtosecond laser pulses /. <i>Photonics.</i> , vol. 10(iss. 9), p. 1-12. doi: 10.3390/photonics10091005	T 001 (50), T 008 (50)	9.2.	FTMC (3,108)
218.	FTMC (0,4)	7612983	Myronyuk, O., Baklan, D., Rodin, A., Vanagas, E., & Yong, Z. (2023). Owens–wendt characterization of femtosecond-laser- textured hydrophobic aluminum surfaces /. <i>Coatings.</i> , vol. 13(iss. 6), p. 1-13. doi: 10.3390/coatings13061104	T 001 (50), T 008 (50)	9.2.	FTMC (3,254)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
219.	VU (0,0833)	7613006	Selhorst, P., Lequime, S., Dudas, G., Proesmans, S., Lutumba, P., & Katshongo, F. et al. (2023). Phylogeographic analysis of dengue virus serotype 1 and cosmopolitan serotype 2 in Africa /. <i>International journal of infectious diseases.</i> , vol. 133, p. 46-52. doi: 10.1016/j.ijid.2023.04.391	T 005 (30)	9.2.	VU (0,707)
220.	VU (0,9444); VUL SK (0,0556)	7613063	Sereikaitė, E., Plepytė, R., Petrutienė, A., Stravinskienė, D., Kučinskaitė-Kodzė, I., & Gėgžna, V. et al. (2023). Molecular characterization of invasive <i>Neisseria meningitidis</i> isolates collected in Lithuania (2009-2019) and estimation of serogroup B meningococcal vaccine 4CMenB and MenB-Fhbp coverage /. <i>Frontiers in cellular and infection microbiology.</i> , vol. 13, p. [1-11]. doi: 10.3389/fcimb.2023.1136211	T 005 (30)	9.2.	VU (2,477); VUL SK (0,146)
221.	FTMC (1)	7613236	Žutautas, V., Trusovas, R., Sartanavičius, A., Ratautas, K., Selskis, A., & Pauliukaitė, R. (2023). A sensor for electrochemical pH monitoring based on laser-induced graphene modified with polyfolate /. <i>Chemosensors.</i> , vol. 11(iss. 6), p. 1-20. doi: 10.3390/chemosensors11060329	T 008 (80)	9.2.	FTMC (6,438)
222.	FTMC (0,5); VILNIUS TECH (0,5)	7613252	Žurauskienė, N., Rudokas, V., & Tolvaišienė, S. (2023). Magnetoresistance and magnetic relaxation of La-Sr-Mn-O films grown on Si/SiO <sub>2</sub> substrate by pulsed injection MOCVD /. <i>Sensors.</i> , vol. 23(iss. 12), p. 1-16. doi: 10.3390/s23125365	T 001 (30)	9.2.	FTMC (1,18); VILNIUS TECH (1,18)
223.	FTMC (0,5); VILNIUS TECH (0,5)	7613277	Žurauskienė, N. (2023). Engineering of advanced materials for high magnetic field sensing: A review /. <i>Sensors.</i> , vol. 23(iss. 6), p. 1-39. doi: 10.3390/s23062939	T 001 (30)	9.2.	FTMC (1,18); VILNIUS TECH (1,18)
224.	VU (1)	7613789	Aleksiejūnas, R., & Garuolis, D. (2023). Usage of published network traffic datasets for anomaly and change point detection /. <i>Wireless personal communications.</i> , vol. 133(iss. 2), p. 1281- 1303. doi: 10.1007/s11277-023-10816-3	T 001 (100)	9.2.	VU (5,244)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
225.	VU (0,6666)	7614111	Lukošiūnas, I., Nikitina, J., Gailevičius, D., Grinevičiūtė, L., & Staliūnas, K. (2023). Guided mode resonances for angular and spectral filtering /. <i>Lithuanian journal of physics.</i> , vol. 63(no. 4), p. 202-209. doi: 10.3952/physics.2023.63.4.2	T 008 (100)	9.00.	VU (-)
226.	VU (1)	7614143	Naimovičius, L., Radiunas, E., Chatinowska, B., Jozeliūnaitė, A., Orentas, E., & Kazlauskas, K. (2023). Functionalized diketopyrrolopyrrole compounds for NIR-to-visible photon upconversion /. <i>Journal of materials chemistry C.</i> , vol. 11(iss. 2), p. 698-704. doi: 10.1039/d2tc03593f	T 008 (100)	9.2.	VU (9,332)
227.	VU (0,75); KTU (0,25)	7614156	Kielaitė-Gulla, A., Raisutis, R., Strupas, K., & Samuilis, A. (2023). <i>European Patent application EP EP 4182884 A2</i> . European Patent Office.	T 001 (10), T 010 (20)	9.3.	VU (2,25); KTU (0,75)
228.	VU (0,8333); VILNIUS TECH (0,1667)	7614171	Razgūnas, M., Rudys, S., & Aleksiejūnas, R. (2023). GNSS 2x2 antenna array with beamforming for multipath detection /. <i>Advances in space research.</i> , vol. 71(iss. 10), p. 4142-4154. doi: 10.1016/j.asr.2022.12.035	T 001 (100)	9.2.	VU (6,078); VILNIUS TECH (1,216)
229.	KTU (0,5); VU (0,25)	7614220	Sholokhova, A., Denafas, G., Čeponkus, J., & Omelianenko, T. (2023). Microplastics in landfill bodies: abundance, spatial distribution and effect of landfill age /. <i>Sustainability.</i> , vol. 15(iss. 6), p. 1-12. doi: 10.3390/su15065017	T 004 (70), T 008 (30)	9.2.	KTU (4,559); VU (2,28)
230.	VU (0,8333); FTMC (0,0833)	7614498	Merkininkaitė, G., Aleksandravičius, E., Varapnickas, S., Gailevičius, D., Šakirzanovas, S., & Malinauskas, M. (2023). Multi- photon 3D lithography and calcination for sub-100-nm additive manufacturing of inorganics /. In <i>Ultrafast laser nanostructuring: the pursuit of extreme scales / Editors Razvan Stoian, Jörn Bonse</i> . (p. 787-823.). Cham: Springer International Publishing.	T 008 (100)	9.1.	VU (31,231); FTMC (3,123)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
231.	KTU (0,8); VU (0,2)	7614579	Akulauskas, M., Butkus, K., Rutkūnas, V., Blažauskas, T., & Jegelevičius, D. (2023). Implementation of augmented reality in dental surgery using HoloLens 2: an in vitro study and accuracy assessment /. <i>Applied science</i> , vol. 13(iss. 14), p. 1-11. doi: 10.3390/app13148315	T 001 (40), T 007 (40)	9.2.	KTU (3,534); VU (0,884)
232.	VILNIUS TECH (0,75); VU (0,25)	7614635	Alekna, V., Ardatov, O., Selivonec, J., & Chabarova, O. (2023). In silico modeling the impact of cartilage stiffness on bone tissue stress /. <i>Applied sciences: Special issue: Biomechanics and biofluidodynamics in biomedical engineering</i> , vol. 13(iss. 7), p. 1- 14. doi: 10.3390/app13074457	T 009 (70)	9.2.	VILNIUS TECH (2,898); VU (0,966)
233.	VU (0,5); VUL SK (0,3519); KTU (0,1111)	7615901	Bacevičius, J., Taparauskaitė, N., Kundelis, R., Sokas, D., Butkuvienė, M., & Stankevičiūtė, G. et al. (2023). Six-lead electrocardiography compared to single-lead electrocardiography and photoplethysmography of a wrist-worn device for atrial fibrillation detection controlled by premature atrial or ventricular contractions: six is smarter than one. <i>FRONTIERS IN CARDIOVASCULAR MEDICINE</i> , vol. 10, 13. doi: 10.3389/fcvm.2023.1160242	T 001 (10)	9.2.	VU (0,479); VUL SK (0,337); KTU (0,107)
234.	VU (0,0652); KTU (0,0435); VUL SK (0,0217)	7616628	Bianchini, E., Guala, A., Golemati, S., Alastruey, J., Climie, R., & Dalakleidi, K. et al. (2023). The ultrasound window into vascular ageing: a technology review by the VascAgeNet COST action /. <i>Journal of ultrasound in medicine</i> , vol. 42(iss. 10), p. 2183-2213. doi: 10.1002/jum.16243	T 010 (30)	9.2.	VU (0,554); KTU (0,369); VUL SK (0,185)
235.	LSMU (0,0417); KTU (0,0208); VU (0,0208)	7616690	Beqiri, E., Ercole, A., Aries, M., Placek, M., Tas, J., & Czosnyka, M. et al. (2023). Towards autoregulation-oriented management after traumatic brain injury: increasing the reliability and stability of the CPPopt algorithm /. <i>Journal of clinical monitoring and computing</i> , vol. 37(iss. 4), p. 963-976. doi: 10.1007/s10877-023- 01009-1	T 010 (40)	9.2.	LSMU (0,66); KTU (0,33); VU (0,33)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
236.	LSMU (0,0345); KTU (0,0259); VU (0,0172)	7616727	Beqiri, E., Zeiler, F., Ercole, A., Placek, M., Tas, J., & Donnelly, J. et al. (2023). The lower limit of reactivity as a potential individualised cerebral perfusion pressure target in traumatic brain injury: a CENTER-TBI high-resolution sub-study analysis /. <i>Critical care.</i> , vol. 27(iss. 1), p. 1-14. doi: 10.1186/s13054-023- 04485-8	T 010 (40)	9.2.	LSMU (1,223); KTU (0,917); VU (0,611)
237.	VILNIUS TECH (0,4); VU (0,4)	7618278	Daunoravičienė, K., Pauk, J., Žižienė, J., Belickienė, V., & Raistenskis, J. (2023). Study of foot support during gait in healthy children from neighbouring countries /. <i>Technology and health care: Selected Papers From the 14th International Conference BIOMDLORE 2023.</i> , vol. 31(iss. 6), p. 2457-2466. doi: 10.3233 /THC-235011	T 009 (50)	9.2.	VILNIUS TECH (1,338); VU (1,338)
238.	VILNIUS TECH (0,3333)	7619160	Amiri, M., Hashemi-Tabatabaei, M., Keshavarz-Ghorabae, M., Antuchevičienė, J., Šaparauskas, J., & Keramatpanah, M. (2023). Evaluation of digital banking implementation indicators and models in the context of industry 4.0: A fuzzy group MCDM approach /. <i>Axioms: Special issue: Multiple-criteria decision- making and computational intelligence: recent applications II.</i> , vol. 12(iss. 6), p. 1-43. doi: 10.3390/axioms12060516	T 007 (50)	9.2.	VILNIUS TECH (2,836)
239.	VU (0,375); VILNIUS TECH (0,25); VUL SK (0,0625)	7619179	Gourrame, K., Griškevičius, J., Haritopoulos, M., Lukšys, D., Jatužis, D., & Kaladytė Lokominienė, R. et al. (2023). Parkinson's disease classification with CWNN: Using wavelet transformations and IMU data fusion for improved accuracy /. <i>Technology and health care.</i> , vol. 31(iss. 6), p. 2447-2455. doi: 10.3233/THC- 235010	T 009 (70)	9.2.	VU (2,15); VILNIUS TECH (1,434); VUL SK (0,358)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
240.	VILNIUS TECH (0,5)	7619258	Amiri, M., Hashemi-Tabatabaei, M., Keshavarz-Ghorabae, M., Kaklauskas, A., Zavadskas, E., & Antuchevičienė, J. (2023). A fuzzy extension of simplified best-worst method (F-SBWM) and its applications to decision-making problems / <i>Symmetry: Special issue: Symmetric and asymmetric data in solution models, Part II</i> ., vol. 15(iss. 1), p. 1-30. doi: 10.3390/sym15010081	T 002 (30), T 007 (50)	9.2.	VILNIUS TECH (3,258)
241.	VILNIUS TECH (0,25)	7619341	Banihashemi, S., Khalilzadeh, M., Antuchevičienė, J., & Edalatpanah, S. (2023). Identifying and prioritizing the challenges and obstacles of the green supply chain management in the construction industry using the fuzzy BWM method / <i>Buildings: Special issue: Intelligent multi-criteria decision-making methodologies in building and construction management</i> ., vol. 13(iss. 1), p. 1-19. doi: 10.3390/buildings13010038	T 002 (80), T 007 (10)	9.2.	VILNIUS TECH (2,994)
242.	VILNIUS TECH (0,2)	7619428	Bastos, X., Ferreira, F., Kannan, D., Ferreira, N., & Banaitienė, N. (2023). A CM-DEMATEL assessment of SME competitiveness factors / <i>CIRP journal of manufacturing science and technology</i> ., vol. 46, p. 74-88. doi: 10.1016/j.cirpj.2023.06.015	T 002 (10), T 007 (40)	9.2.	VILNIUS TECH (2,067)
243.	VILNIUS TECH (1)	7619481	Batarlienė, N., & Bazaras, D. (2023). Solutions to the problem of freight transport flows in urban logistics / <i>Applied sciences: Advances in Vehicle Dynamics and Road Safety: Technologies, Simulations and Applications</i> ., vol. 13(iss. 7), p. 1-16. doi: 10.3390/app13074214	T 003 (40)	9.2.	VILNIUS TECH (2,208)
244.	VILNIUS TECH (1)	7619549	Batarlienė, N., & Slavinskaitė, N. (2023). Assessment of factors determining airline consumer loyalty: Case study in Lithuania / <i>Sustainability</i> ., vol. 15(iss. 2), p. 1-15. doi: 10.3390/su15021320	T 003 (50)	9.2.	VILNIUS TECH (3,224)
245.	VILNIUS TECH (0,7777); LKA (0,111)	7619580	Chehab Eddine, M., Tvaronavičienė, M., & Vinogradova-Zinkevič, I. (2023). Measuring countries' performance in ecological security. <i>Acta Montanistica Slovaca</i> , vol. 28(iss. 3), pp. 603-620. doi: 10.46544/AMS.v28i3.07	T 007 (40)	9.2.	VILNIUS TECH (2,758); LKA (0,394)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
246.	VILNIUS TECH (0,2)	7619933	Esmaelnezhad, D., Lagzi, M., Antuchevičienė, J., Hashemi, S., & Khorshidi, S. (2023). Evaluation of green marketing strategies by considering sustainability criteria /. <i>Sustainability: Special issue: Project management, supply chain management and optimization in civil &amp; industrial engineering.</i> , vol. 15(iss. 10), p. 1-22. doi: 10.3390/su15107874	T 002 (50), T 007 (30)	9.2.	VILNIUS TECH (1,787)
247.	FTMC (1)	7620658	Žemgulytė, J., Sadauskas, M., Ragulis, P., Trusovas, R., Ratautas, K., & Simniškis, R. et al. (2023). Effects of different manufacturing techniques on the performance of planar antennas /. <i>Scientific reports.</i> , vol. 13, p. 1-10. doi: 10.1038/s41598-023-49726-6	T 008 (50)	9.2.	FTMC (3,333)
248.	FTMC (0,2)	7620719	Wagner, F., Melnikas, S., Cramer, J., Damry, D., Xia, C., & Peng, K. et al. (2023). Optimised spintronic emitters of terahertz radiation for time-domain spectroscopy /. <i>Journal of infrared, millimeter, and terahertz waves.</i> , vol. 44, p. 52-65. doi: 10.1007/s10762-022-00897-9	T 008 (100)	9.2.	FTMC (1,764)
249.	FTMC (1)	7620764	Voitechovič, E., & Pauliukaitė, R. (2023). Electrochemical multisensor systems and arrays in the era of artificial intelligence /. <i>Current opinion in electrochemistry.</i> , vol. 42, p. 1-8. doi: 10.1016/j.coelec.2023.101411	T 008 (100)	9.2.	FTMC (11,154)
250.	LSMU (0,0385); KTU (0,0288); VU (0,0192)	7621640	Kazimierska, A., Uryga, A., Mataczyński, C., Czosnyka, M., Lang, E., & Kasprowicz, M. et al. (2023). Relationship between the shape of intracranial pressure pulse waveform and computed tomography characteristics in patients after traumatic brain injury /. <i>Critical care.</i> , vol. 27(iss. 1), p. 1-13. doi: 10.1186/s13054-023-04731-z	T 010 (40)	9.2.	LSMU (1,418); KTU (1,063); VU (0,709)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
251.	FTMC (1)	7622148	Vilkevičius, K., Selskis, A., & Stankevičius, E. (2023). Femtosecond laser wavelength-dependent formation of plasmonic gold nanostructures /. <i>Applied surface science.</i> , vol. 617, p. 1-9. doi: 10.1016/j.apsusc.2023.156629	T 008 (70)	9.2.	FTMC (6,756)
252.	FTMC (0,875); VDU (0,125)	7623199	Tomkus, V., Girdauskas, V., Abedivaraki, M., & Račiukaitis, G. (2023). Laser wakefield acceleration of electrons using Bessel– Gauss doughnut beams for accelerating beam guiding. <i>Journal of plasma physics.</i> , vol. 89(iss. 2), p. 1-18. doi: 10.1017/S0022377823000247	T 008 (80), T 009 (10)	9.2.	FTMC (5,862); VDU (0,837)
253.	FTMC (1)	7623419	Paulauskas, T., Strazdienė, V., Šebeka, B., Maneikis, A., Kamarauskas, M., & Geižutis, A. et al. (2023). Epitaxial lift-off method for GaAs solar cells with high Al content AlGaAs window layer /. <i>Semiconductor science and technology.</i> , vol. 38(iss. 3), p. 1-9. doi: 10.1088/1361-6641/acb3f0	T 008 (10)	9.2.	FTMC (0,469)
254.	FTMC (1)	7623501	Petrikaitė, V., Skapas, M., & Stankevičius, E. (2023). Generation of gold and silver nanoparticles using laser ablation of thin bimetallic films and bulk targets in water /. <i>Optical materials.</i> , vol. 137, p. 1-14. doi: 10.1016/j.optmat.2023.113535	T 008 (80)	9.2.	FTMC (5,96)
255.	FTMC (1)	7623534	Petrušėnas, A., Mackonis, P., Černeckytė, A., & Rodin, A. (2023). Amplification of supercontinuum seed pulses at ~1078–1355 nm by cascade rotational SRS in compressed hydrogen /. <i>Applied sciences.</i> , vol. 13(iss. 24), p. 1-11. doi: 10.3390/app132413087	T 001 (50), T 008 (50)	9.2.	FTMC (5,52)
256.	FTMC (1)	7623555	Petrušėnas, A., Mackonis, P., & Rodin, A. (2023). High-efficiency bismuth borate-based optical parametric chirped pulse amplifier with approximately 2.1 mJ, 38 fs output pulses at approximately 2150 nm /. <i>High power laser science and engineering.</i> , vol. 11, p. 1-9. doi: 10.1017/hpl.2023.24	T 001 (50), T 008 (50)	9.2.	FTMC (13,376)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
257.	FTMC (1)	7623568	Petrušėnas, A., Mackonis, P., & Rodin, A. (2023). Signal-to-idler energy conversion from 1.9 to 2.3 μm by transient stimulated Raman chirped-pulse amplification /. <i>Optics letters.</i> , vol. 48(no. 7), p. 1598-1601. doi: 10.1364/OL.481811	T 001 (50), T 008 (50)	9.2.	FTMC (8,782)
258.	FTMC (1)	7623902	Rodin, A., Černeckytė, A., Mackonis, P., & Petrušėnas, A. (2023). Optimizing self-seeded perfluorooctane SBS compressor configurations to achieve ~90 ps high-energy pulse /. <i>Photonics.</i> , vol. 10(iss. 9), p. 1-10. doi: 10.3390/photonics10091060	T 001 (50), T 008 (50)	9.2.	FTMC (6,594)
259.	FTMC (0,75); VILNIUS TECH (0,25)	7623933	Sužiedėlis, A., Ašmontas, S., Gradauskas, J., Čerškus, A., Požela, K., & Anbinderis, M. (2023). Competition between direct detection mechanisms in planar bow-tie microwave diodes on the base of InAlAs/InGaAs/InAlAs heterostructures /. <i>Sensors: Special issue: Feature papers in physical sensors 2022.</i> , vol. 23(iss. 3), p. 1-16. doi: 10.3390/s23031441	T 001 (20)	9.2.	FTMC (1,18); VILNIUS TECH (0,393)
260.	FTMC (0,0833)	7624009	Stocco, T., Zhang, T., Dimitrov, E., Ghosh, A., da Silva, A., & Martins Antunes De Melo, W. et al. (2023). Carbon nanomaterial- based hydrogels as scaffolds in tissue engineering: a comprehensive review /. <i>International journal of nanomedicine.</i> , vol. 18, p. 6153-6183. doi: 10.2147/IJN.S436867	T 008 (100)	9.2.	FTMC (2,418)
261.	FTMC (0,1429)	7624048	Stummer, V., Flöry, T., Schneller, M., Kaksis, E., Zeiler, M., & Pugžlys, A. et al. (2023). Spectral peak recovery in parametrically amplified THz-repetition-rate bursts /. <i>Optics express.</i> , vol. 31(iss. 22), p. 37040-37049. doi: 10.1364/OE.495480	T 008 (100)	9.2.	FTMC (1,818)
262.	FTMC (0,9444); VU (0,0556)	7624063	Talaikis, M., Mikoliūnaitė, L., Gkouzi, A., Petrikaitė, V., Stankevičius, E., & Drabavičius, A. et al. (2023). Multiwavelength SERS of magneto-plasmonic nanoparticles obtained by combined laser ablation and solvothermal methods /. <i>ACS omega.</i> , vol. 8 (iss. 51), p. 49396-49405. doi: 10.1021/acsomega.3c08007	T 008 (50)	9.2.	FTMC (2,917); VU (0,172)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
263.	KTU (0,6667); VILNIUS TECH (0,1667); VU (0,1667)	7624455	Maskeliūnas, R., Damaševičius, R., Blažauskas, T., Canbulut, C., Adomavičienė, A., & Griškevičius, J. (2023). BiomacVR: a virtual reality-based system for precise human posture and motion analysis in rehabilitation exercises using depth sensors /. <i>Electronics.</i> , vol. 12(iss. 2), p. 1-31. doi: 10.3390/electronics12020339	T 007 (70), T 009 (20)	9.2.	KTU (3,83); VILNIUS TECH (0,958); VU (0,958)
264.	KTU (0,6); VILNIUS TECH (0,2); VU (0,2)	7624498	Maskeliūnas, R., Kulikajevas, A., Damaševičius, R., Griškevičius, J., & Adomavičienė, A. (2023). Biomac3D: 2D-to-3D human pose analysis model for tele-rehabilitation based on pareto optimized deep-learning architecture /. <i>Applied sciences.</i> , vol. 13(iss. 2), p. 1-32. doi: 10.3390/app13021116	T 007 (60), T 009 (20)	9.2.	KTU (2,649); VILNIUS TECH (0,883); VU (0,883)
265.	VILNIUS TECH (0,75); FTMC (0,25)	7624919	Škamat, J., Bučelis, K., Černašėjus, O., & Indrišiūnas, S. (2023). Fiber laser alloying of additively manufactured 18Ni-300 maraging steel part surface: Effect of processing parameters on the formation of alloyed surface layer and its properties /. <i>Materials.</i> , vol. 16(iss. 13), p. 1-17. doi: 10.3390/ma16134732	T 008 (100)	9.2.	VILNIUS TECH (4,421); FTMC (1,474)
266.	KTU (0,75); FTMC (0,125)	7624980	Skhirtladze, L., Bezikonnyi, O., Keruckienė, R., Dvylys, L., Mahmoudi, M., & Labanauskas, L. et al. (2023). Derivatives of pyridazine with phenoxazine and 9,9-dimethyl-9,10-dihydroacridine donor moieties exhibiting thermally activated delayed fluorescence /. <i>Materials.</i> , vol. 16(iss. 3), p. 1-10. doi: 10.3390/ma16031294	T 005 (70)	9.2.	KTU (4,377); FTMC (0,729)
267.	VU (0,1667)	7625189	Nikolouloupoulou, N., Perikos, I., Daramouskas, I., Makris, C., Treigys, P., & Hatzilygeroudis, I. (2023). A convolutional autoencoder approach for boosting the specificity of retinal blood vessels segmentation /. <i>Applied sciences.</i> , vol. 13(iss. 5), p. [1- 17]. doi: 10.3390/app13053255	T 007 (80)	9.2.	VU (1,275)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
268.	FTMC (1)	7625245	Stankevič, V., Karosas, J., & Gečys, P. (2023). Fabrication of a multilevel Fresnel axicon deep in fused silica by femtosecond laser machining /. <i>Optics letters.</i> , vol. 48(iss. 16), p. 4404-4407. doi: 10.1364/OL.498853	T 008 (100)	9.2.	FTMC (8,781)
269.	FTMC (1)	7626543	Stankevič, V., Karosas, J., Gvozdaitė, R., Račiukaitis, G., & Gečys, P. (2023). Etching peculiarities in sapphire induced by double- pulse irradiation with variable delay and crossed polarisation /. <i>Optics &amp; laser technology.</i> , vol. 167, p. 1-11. doi: 10.1016/j. optlastec.2023.109620	T 008 (80)	9.2.	FTMC (7,975)
270.	FTMC (1)	7626577	Stankevič, V., Karosas, J., Račiukaitis, G., & Gečys, P. (2023). Investigation of the modifications properties in fused silica by the deep-focused femtosecond pulses /. <i>Optics express.</i> , vol. 31(iss. 3), p. 4482-4496. doi: 10.1364/OE.477343	T 008 (100)	9.2.	FTMC (9)
271.	FTMC (1)	7626894	Pupeikė, J., Sankauskaitė, A., Varnaitė-Žuravliova, S., Rubežienė, V., & Abraitienė, A. (2023). Investigation of electrical and wearing properties of wool fabric coated with PEDOT:PSS /. <i>Polymers.</i> , vol. 15(iss. 11), p. 1-18. doi: 10.3390/polym15112539	T 008 (100)	9.2.	FTMC (8,854)
272.	LSMU (0,0133); KTU (0,0067); VU (0,0067)	7626914	Riemann, L., Mikolic, A., Maas, A., Unterberg, A., Younsi, A., & Ragauskas, A. et al. (2023). Computed tomography lesions and their association with global outcome in young people with mild traumatic brain injury /. <i>Journal of neurotrauma.</i> , vol. 40(iss. 11- 12), p. 1243-1254. doi: 10.1089/neu.2022.0055	T 010 (40)	9.2.	LSMU (0,594); KTU (0,297); VU (0,297)
273.	KTU (0,75); FTMC (0,25)	7627166	Siauciunas, R., Takulinskas, Ž., Prichockiene, E., & Selskienė, A. (2023). Hydrothermal synthesis of α-C2SH and kilchoanite mixture and its application in CO2 hardening mortar /. <i>Ceramics international.</i> , vol. 49(iss. 9), p. 14864-14874. doi: 10.1016/j. ceramint.2022.07.257	T 005 (80)	9.2.	KTU (6,3); FTMC (2,1)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
274.	VU (0,4286); KTU (0,2857)	7627260	Rutkūnas, V., Gedrimienė, A., Al-Haj Husain, N., Pletkus, J., Barauskis, D., & Jegelevičius, D. et al. (2023). Effect of additional reference objects on accuracy of five intraoral scanners in partially and completely edentulous jaws: An in vitro study /. <i>Journal of prosthetic dentistry.</i> , vol. 130(iss. 1), p. 111-118. doi: 10.1016/j.prosdent.2021.09.032	T 001 (20)	9.2.	VU (2,159); KTU (1,439)
275.	FTMC (1)	7627302	Sankauskaitė, A., Pauliukaitė, R., Baltušnikaitė-Guzaitienė, J., & Abraitienė, A. (2023). Smart textile with integrated wearable electrochemical sensors /. <i>Current opinion in electrochemistry.</i> , vol. 42, p. 1-9.	T 008 (100)	9.2.	FTMC (11,154)
276.	FTMC (1)	7627447	Sartanavičius, A., Žemgulytė, J., Ragulis, P., Ratautas, K., & Trusovas, R. (2023). Laser-induced graphene in polyimide for antenna applications /. <i>Crystals.</i> , vol. 13(iss. 7), p. 1-10. doi: 10.3390/cryst13071003	T 008 (80)	9.2.	FTMC (4,22)
277.	IMC (0,6538); VILNIUS TECH (0,2308); FTMC (0,0769)	7627562	Radzevičiūtė-Valčiukė, E., Gečaitė, J., Želvys, A., Zinkevičienė, A., Žalnėravičius, R., & Malyško-Ptašinskė, V. et al. (2023). Improving nonviral gene delivery using MHz bursts of nanosecond pulses and gold nanoparticles for electric field amplification /. <i>Pharmaceutics: Recent Advances in Nanomedicine for Cancer Therapy.</i> , vol. 15(iss. 4), p. 1-17. doi: 10.3390/pharmaceutics15041178	T 001 (20)	9.2.	IMC (1,956); VILNIUS TECH (0,69); FTMC (0,23)
278.	FTMC (1)	7627649	Regelskis, K., Kodz, J., Gavrilius, N., & Želudevičius, J. (2023). Polarization-dependent four-port fiber optical circulator based on the Sagnac effect /. <i>Optics express.</i> , vol. 31(no. 3), p. 3897-3907. doi: 10.1364/OE.476262	T 008 (100)	9.2.	FTMC (9)
279.	FTMC (1)	7627672	Regelskis, K., Liaugminas, G., & Želudevičius, J. (2023). Regenerative shaper of ultrashort light pulses /. <i>Photonics.</i> , vol. 10(iss. 7), p. 1-5. doi: 10.3390/photonics10070836	T 008 (100)	9.2.	FTMC (6,594)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
280.	FTMC (0,3438); VDU (0,0313)	7627874	Rovige, L., Monzac, J., Huijts, J., Andriyash, I., Vernier, A., & Kaur, J. et al. (2023). Carrier-envelope phase controlled dynamics of relativistic electron beams in a laser-wakefield accelerator. <i>European physical journal-special topics.</i> , vol. 232, p. 2265-2276. doi: 10.1140/epjs/s11734-022-00675-7	T 008 (90), T 009 (10)	9.2.	FTMC (3,574); VDU (0,324)
281.	FTMC (1)	7627908	Rubežienė, V., Varnaitė-Žuravliova, S., Sankauskaitė, A., Pupeikė, J., Ragulis, P., & Abraitienė, A. (2023). The impact of structural variations and coating techniques on the microwave properties of woven fabrics coated with PEDOT:PSS composition /. <i>Polymers.</i> , vol. 15(no. 21), p. 1-26. doi: 10.3390/polym15214224	T 008 (80)	9.2.	FTMC (7,083)
282.	FTMC (0,6667)	7627923	Rudzikas, M., Donėlienė, J., Bužavaitė-Vertelienė, E., Balevičius, Z., Leuvre, C., & Šetkus, A. (2023). Design and investigation of 1D photonic crystal based structures for BIPV cell colorization by sol-gel dipping technology /. <i>Solar energy.</i> , vol. 250, p. 285-294. doi: 10.1016/j.solener.2022.12.028	T 008 (50)	9.2.	FTMC (3,812)
283.	FTMC (0,1429)	7627960	Ryu, M., Han, M., Grinevičiūtė, L., Hu, J., Moein, T., & Honda, R. et al. (2023). RGB-color image analysis for determination of birefringence of micro-films and columnar coatings /. <i>Laser &amp; photonics reviews.</i> , vol. 17(iss. 3), p. 1-11. doi: 10.1002/lpor.v17. 3	T 008 (100)	9.2.	FTMC (7,17)
284.	LSMU (0,037); KTU (0,0278); VU (0,0185)	7631729	Uryga, A., Ziółkowski, A., Kazimierska, A., Pudelko, A., Mataczyński, C., & Lang, E. et al. (2023). Analysis of intracranial pressure pulse waveform in traumatic brain injury patients: a CENTER-TBI study /. <i>Journal of neurosurgery.</i> , vol. 139(iss. 1), p. 201-211. doi: 10.3171/2022.10.JNS221523	T 010 (40)	9.2.	LSMU (1,002); KTU (0,751); VU (0,501)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
285.	IMC (0,6111); VU (0,3333); VILNIUS TECH (0,0556)	7631891	Uzieliene, I., Popov, A., Lisyte, V., Kugaudaitė, G., Bialaglovytė, P., & Vaičiulevičiūtė, R. et al. (2023). Stimulation of chondrocyte and bone marrow mesenchymal stem cell chondrogenic response by polypyrrole and polypyrrole/gold nanoparticles /. <i>Polymers: Progress in the Formation of Polymer-Based Nanomaterials for New Applications.</i> , vol. 15(iss. 11), p. 1-15. doi: 10.3390/polym15112571	T 005 (20)	9.2.	IMC (1,082); VU (0,59); VILNIUS TECH (0,098)
286.	LSMU (0,0075); KTU (0,0056); VU (0,0037)	7632380	van Essen, T., van Erp, I., Lingsma, H., Pusică, D., Yue, J., & Singh, R. et al. (2023). Comparative effectiveness of decompressive craniectomy versus craniotomy for traumatic acute subdural hematoma (CENTER-TBI): an observational cohort study /. <i>eClinicalMedicine.</i> , vol. 63, p. 1-13. doi: 10.1016/j.eclinm. 2023.102161	T 010 (40)	9.2.	LSMU (0,836); KTU (0,627); VU (0,418)
287.	KTU (0,5); VU (0,5)	7633361	Slekiene, N., & Snitka, V. (2023). Nanocomposite Au/Si cantilevers for tip-enhanced Raman scattering (TERS) sensors /. <i>Chemosensors.</i> , vol. 11(iss. 4), p. 1-17. doi: 10.3390/chemosensors11040218	T 005 (50)	9.2.	KTU (2,012); VU (2,012)
288.	VU (1)	7633384	Sližienė, A., Plečkaitytė, M., Rudokas, V., Juškaitė, K., Žvirblis, G., & Žvirblienė, A. (2023). Cross-reactive monoclonal antibodies against fish parvalbumins as a tool for studying antigenic similarity of different parvalbumins and analysis of fish extracts /. <i>Molecular immunology.</i> , vol. 154, p. 80-95. doi: 10.1016/j.molimm.2023.01.001	T 005 (40)	9.2.	VU (2,532)
289.	VU (0,2)	7633422	Strakšys, A., Gruškienė, R., Matulaitienė, I., Kavleiskaja, T., & Martins Antunes De Melo, W. (2023). Preparation and investigation of triple-layer complex of β-carotene with xylan, chitoooligosaccharides and fucoidan /. <i>Polymer bulletin.</i> , vol. 00 (iss. 00), p. 1-18. doi: 10.1007/s00289-023-05073-0	T 005 (30)	9.2.	VU (0,391)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
290.	IMC (0,6667); VILNIUS TECH (0,1667); VU (0,1667)	7633457	Vaičiulevičiūtė, R., Uzielienė, I., Bernotas, P., Novickij, V., Alaburda, A., & Bernotienė, E. (2023). Electrical stimulation in cartilage tissue engineering /. <i>Bioengineering.</i> , vol. 10(no. 4), p. 1-19. doi: 10.3390/bioengineering10040454	T 001 (10), T 005 (10)	9.2.	IMC (0,976); VILNIUS TECH (0,244); VU (0,244)
291.	VU (0,4286)	7633488	Vaitkus, A., Merkys, A., Sander, T., Quirós, M., Thiessen, P., & Bolton, E. et al. (2023). A workflow for deriving chemical entities from crystallographic data and its application to the Crystallography Open Database /. <i>Journal of cheminformatics.</i> , vol. 15(iss. 1), p. [1-15]. doi: 10.1186/s13321-023-00780-2	T 005 (40)	9.2.	VU (4,33)
292.	LSMU (0,0364); KTU (0,0273); VU (0,0182)	7633960	Zoerle, T., Birg, T., Carbonara, M., Smielewski, P., Placek, M., & Zanier, E. et al. (2023). Accuracy of manual intracranial pressure recording compared to a computerized high-resolution system: a CENTER-TBI analysis /. <i>Neurocritical care.</i> , vol. 38(iss. 3), p. 781- 790. doi: 10.1007/s12028-023-01697-2	T 010 (40)	9.2.	LSMU (0,709); KTU (0,532); VU (0,355)
293.	VU (0,0119)	7634593	Vernardis, S., Demichev, V., Lemke, O., Grüning, N., Messner, C., & White, M. et al. (2023). The impact of acute nutritional interventions on the plasma proteome /. <i>The journal of clinical endocrinology and metabolism.</i> , vol. 108(iss. 8), p. 2087-2098. doi: 10.1210/clinem/dgad031	T 005 (30)	9.2.	VU (0,122)
294.	VU (1)	7634660	Vilkaitis, G., Masevičius, V., Kriukienė, E., & Klimašauskas, S. (2023). Chemical expansion of the methyltransferase reaction: tools for DNA labeling and epigenome analysis /. <i>Accounts of chemical research.</i> , vol. 56(iss. 22), p. 3188-3197. doi: 10.1021/acs.accounts.3c00471	T 005 (40)	9.2.	VU (8,206)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
295.	VU (1)	7634710	Žiaunys, M., Mikalauskaitė, K., Krasauskas, L., & Smirnovas, V. (2023). Conformation-specific association of prion protein amyloid aggregates with Tau protein monomers /. <i>International journal of molecular sciences.</i> , vol. 24(iss. 11), p. [1-14]. doi: 10.3390/ijms24119277	T 005 (40)	9.2.	VU (3,287)
296.	KTU (0,8); LSMU (0,1); VU (0,1)	7634728	Zubrickė, I., Jonuškienė, I., Kantminienė, K., Tumosienė, I., & Petrikaitė, V. (2023). Synthesis and in vitro evaluation as potential anticancer and antioxidant agents of diphenylamine- pyrrolidin-2-one-hydrazone derivatives /. <i>International journal of molecular sciences.</i> , vol. 24(iss. 23), p. 1-19. doi: 10.3390/ijms242316804	T 005 (20)	9.2.	KTU (1,315); LSMU (0,164); VU (0,164)
297.	KTU (0,3333); LAMMC (0,3333)	7635576	Vaitiekūnaitė, D., Dodoo, D., & Snitka, V. (2023). Traceability of bilberries ( <i>Vaccinium myrtillus</i> L.) of the Baltic-Nordic region using surface-enhanced Raman spectroscopy (SERS): DFT simulation-based DNA analysis /. <i>Spectrochimica acta Part A: Molecular and biomolecular spectroscopy.</i> , vol. 288, p. 1-12. doi: 10.1016/j.saa.2022.122192	T 005 (50)	9.2.	KTU (3,2); LAMMC (3,2)
298.	LAMMC (0,8); VDU (0,2)	7635672	Šiaudinis, G., Jasinskas, A., Karčauskienė, D., Skuodienė, R., & Repšienė, R. (2023). The Impact of Nitrogen on the Yield Formation of <i>Artemisia dubia</i> Wall: Efficiency and Assessment of Energy Parameters. <i>Plants</i> , vol. 12(iss. 13), p. 1-12. doi: 10.3390/plants12132441	T 004 (20)	9.2.	LAMMC (1,564); VDU (0,391)
299.	VU (0,8333); VILNIUS TECH (0,1667)	7635716	Čekuolytė, K., Gudiukaitė, R., Klimkevičius, V., Mažrimaitė, V., Maneikis, A., & Lastauskienė, E. (2023). Biosynthesis of silver nanoparticles produced using <i>Geobacillus</i> spp. bacteria /. <i>Nanomaterials.</i> , vol. 13(iss. 4), p. [1-13]. doi: 10.3390/nano13040702	T 001 (20)	9.2.	VU (1,204); VILNIUS TECH (0,241)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
300.	VILNIUS TECH (0,1429); VU (0,1429)	7636003	Garškaitė, E., Balčiūnas, G., Drienovsky, M., Sokol, D., Sandberg, D., & Bastos, A. et al. (2023). Brushite mineralised Scots pine ( <i>Pinus sylvestris</i> L.) sapwood – revealing mineral crystallization within a wood matrix by in situ XRD /. <i>RSC Advances.</i> , vol. 13(iss. 9), p. 5813-5825. doi: 10.1039/D3RA00305A	T 008 (50)	9.2.	VILNIUS TECH (0,915); VU (0,915)
301.	VU (0,2222)	7638556	Thuy Vu, T., Liu, S., Jonušis, M., Jonušienė, S., Choi, J., & Kawano, R. et al. (2023). Sustainable one-pot synthesis of 5 (Hydroxymethyl)furfural from C6-sugars by enhanced H <sup>+</sup> exchange heterogeneous catalysis /. <i>ACS sustainable chemistry &amp; engineering.</i> , vol. 11(iss. 48), p. 17130-17141. doi: 10.1021/acssuschemeng.3c05595	T 005 (50)	9.2.	VU (2,218)
302.	VU (1)	7640715	Malūnavičius, V., Padaiga, A., Stankevičiūtė, J., Pakalniškis, A., & Gudiukaitė, R. (2023). Engineered <i>Geobacillus</i> lipolytic enzymes – Attractive polyesterases that degrade polycaprolactones and simultaneously produce esters /. <i>International journal of biological macromolecules.</i> , vol. 253(part 8), p. [1-20]. doi: 10.1016/j.ijbiomac.2023.127656	T 005 (50)	9.2.	VU (6,216)
303.	VILNIUS TECH (0,3333)	7642179	Estiri, M., Dahooie, J., & Zavadskas, E. (2023). Providing a framework for evaluating the quality of health care services using the HealthQual model and multi-attribute decision-making under imperfect knowledge of data /. <i>Informatica.</i> , vol. 34(no. 1), p. 85-120. doi: 10.15388/23-INFOR512	T 007 (70)	9.2.	VILNIUS TECH (4,077)
304.	VILNIUS TECH (0,4)	7642225	Golestanizadeh, M., Sarvari, H., Chan, D., Banaitienė, N., & Banaitis, A. (2023). Managerial opportunities in application of business intelligence in construction companies /. <i>Journal of civil engineering and management.</i> , vol. 29(iss. 6), p. 487-500. doi: 10.3846/jcem.2023.19533	T 002 (70)	9.2.	VILNIUS TECH (4,288)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
305.	VILNIUS TECH (1)	7642295	Jarašūnienė, A., Čižiūnienė, K., & Čereška, A. (2023). Research on impact of IoT on warehouse management /. <i>Sensors: Sensors Technologies in the Era of Smart Factory and Industry 4.0.</i> , vol. 23(iss. 4), p. 1-30. doi: 10.3390/s23042213	T 009 (30)	9.2.	VILNIUS TECH (2,361)
306.	VILNIUS TECH (0,3333)	7642445	Komasi, H., Hashemkhani Zolfani, S., & Antuchevičienė, J. (2023). Emphasizing access to health and treatment services in order to identify the key factors influencing an age-friendly city /. <i>International journal of strategic property management.</i> , vol. 27 (iss. 3), p. 176-187. doi: 10.3846/ijspm.2023.19865	T 002 (50), T 004 (20)	9.2.	VILNIUS TECH (1,76)
307.	VILNIUS TECH (1)	7642465	Kuranovič, V., Sokolovskij, E., Bazaras, D., Jarašūnienė, A., & Čižiūnienė, K. (2023). Estimating the intensity of cargo flows in warehouses by applying guanxi principles /. <i>Sustainability: Special issue: Sustainable transportation: Logistics and route network aspects.</i> , vol. 15(iss. 23), p. 1-22. doi: 10.3390/su152316226	T 003 (50)	9.2.	VILNIUS TECH (3,224)
308.	VILNIUS TECH (0,2)	7642506	Lai, H., Wu, Z., Zhang, X., Liao, H., & Zavadskas, E. (2023). A method for product appearance design evaluation based on heterogeneous data /. <i>Advanced engineering informatics.</i> , vol. 57, p. 1-14. doi: 10.1016/j.aei.2023.102089	T 007 (50)	9.2.	VILNIUS TECH (2,713)
309.	VILNIUS TECH (0,8333)	7642527	Liachovičius, E., Šabanovič, E., & Skrickij, V. (2023). Freight rate and demand forecasting in road freight transportation using econometric and artificial intelligence methods /. <i>Transport.</i> , vol. 38(no. 4), p. 231-242. doi: 10.3846/transport.2023.20932	T 003 (90)	9.2.	VILNIUS TECH (4,22)
310.	VILNIUS TECH (0,2)	7642559	Liao, H., Hu, Z., Zhang, Z., Tang, M., & Banaitis, A. (2023). Outranking-based failure mode and effects analysis considering interactions between risk factors and its application to food cold chain management /. <i>Engineering applications of artificial intelligence.</i> , vol. 126(part. A), p. 1-10. doi: 10.1016/j.engappai. 2023.106831	T 007 (40)	9.2.	VILNIUS TECH (2,334)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
311.	MRU (0,1667); VILNIUS TECH (0,1667)	7642609	Sakalauskas, L., Denisov, V., & Diržytė, A. (2023). Hybrid modeling of anxiety propagation in response to threat stimuli flow /. <i>Mathematics: Special issue: Modeling and simulation of social-behavioral phenomena.</i> , vol. 11(iss. 19), p. 1-19. doi: 10.3390/math11194121	T 007 (80)	9.2.	MRU (2,218); VILNIUS TECH (2,218)
312.	VILNIUS TECH (0,3333)	7642650	Salimian, S., Mousavi, S., & Turskis, Z. (2023). Transportation mode selection for organ transplant networks by a new multi- criteria group decision model under interval-valued intuitionistic fuzzy uncertainty /. <i>Informatica.</i> , vol. 34(iss. 2), p. 337-355. doi: 10.15388/23-INFOR513	T 007 (40)	9.2.	VILNIUS TECH (2,33)
313.	VILNIUS TECH (0,25)	7642681	Shayganmehr, M., Kumar, A., Garza-Reyes, J., & Zavadskas, E. (2023). A framework for assessing trust in e-government services under uncertain environment /. <i>Information technology &amp; people.</i> , vol. 36(iss. 7), p. 2718-2755. doi: 10.1108/ITP-01-2021- 0096	T 007 (50)	9.2.	VILNIUS TECH (3,098)
314.	VILNIUS TECH (0,2)	7642698	Sheikh Azadi, A., Shamsi Nesary, V., Kebriyaii, O., Khalilzadeh, M., & Antuchevičienė, J. (2023). Design of a green supply chain based on the Kano model considering pricing /. <i>Sustainability: Special issue: Project management, supply chain management and optimization in civil &amp; industrial engineering.</i> , vol. 15(iss. 17), p. 1-20. doi: 10.3390/su151713038	T 002 (80), T 007 (10)	9.2.	VILNIUS TECH (2,595)
315.	VILNIUS TECH (0,4)	7642719	Travisco, M., Ferreira, F., Milici, A., Banaitienė, N., & Banaitis, A. (2023). Smart structuring and monitoring of causal dynamics between guidelines and priorities of banco de portugal under the 2021-25 strategic plan /. <i>Technological and economic development of economy.</i> , vol. 29(iss. 4), p. 1239-1263. doi: 10.3846/tede.2023.19319	T 007 (40)	9.2.	VILNIUS TECH (3,558)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
316.	VILNIUS TECH (0,8); LSMC (0,2)	7642745	Vėjelis, S., Skulskis, V., Kremensas, A., Vaitkus, S., & Kairytė, A. (2023). Performance of thermal insulation material produced from Lithuanian sheep wool /. <i>Journal of natural fibers.</i> , vol. 20 (iss. 2), p. 1-14. doi: 10.1080/15440478.2023.2237682	T 002 (20), T 008 (80)	9.2.	VILNIUS TECH (6,658); LSMC (1,665)
317.	VU (0,6); VILNIUS TECH (0,2)	7643388	Lekstutytė, I., Urbaitis, D., Žaržojus, G., Skuodis, Š., & Gadeikis, S. (2023). Factors affecting the oedometric modulus of till soil /. <i>Baltica.</i> , vol. 36(iss. 2), p. 190-205. doi: 10.5200/baltica.2023.2.8	T 002 (50)	9.2.	VU (1,63); VILNIUS TECH (0,543)
318.	KTU (0,6667); VDU (0,3333)	7644121	Tesfagergish, S., Damaševičius, R., & Kapočiūtė-Dzikienė, J. (2023). Deep learning-based sentiment classification in Amharic using multi-lingual datasets. <i>Computer science and information systems</i> , 20(4), 1459-1481. doi: 10.2298/CSIS230115042T	T 007 (70)	9.2.	KTU (2,019); VDU (1,009)
319.	VDU (0,375); KTU (0,25)	7644288	Vaškevičius, M., Kapočiūtė-Dzikienė, J., Vaškevičius, A., & Šlepikas, L. (2023). Deep learning-based automatic action extraction from structured chemical synthesis procedures. <i>PeerJ computer science</i> , (9), 1-34. doi: 10.7717/peerj-cs.1511	T 009 (30)	9.2.	VDU (1,245); KTU (0,83)
320.	PTTTI (0,1667)	7644438	Rudzikas, M., Donelienė, J., Bužavaitė-Vertelienė, E., Balevičius, Z., Leuvre, C., & Šetkus, A. (2023). Design and investigation of 1D photonic crystal based structures for BIPV cell colorization by sol-gel dipping technology. <i>Solar Energy</i> , 250, 285-295. doi: <a href="https://doi.org/10.1016/j.solener.2022.12.028">https://doi.org/10.1016/j.solener.2022.12.028</a> .	T 006 (20)	9.2.	PTTTI (0,381)
321.	PTTTI (0,0769)	7644549	Paulauskas, T., Pačebutas, V., Strazdienė, V., Geižutis, A., Devenson, J., & Kamarauskas, M. et al. (2023). Performance assessment of a triple-junction solar cell with 1.0 eV GaAsBi absorber. <i>Discover Nano</i> , 18. doi: <a href="https://doi.org/10.1186/s11671-023-03865-x">https://doi.org/10.1186/s11671-023-03865-x</a>	T 006 (10)	9.00.	PTTTI (–)
322.	VU (1)	7644625	Stripinis, L., & Paulavičius, R. (2023). <i>Derivative-free DIRECT-type global optimization: applications and software</i> /. Cham: Springer Nature.	T 007 (50)	9.1.	VU (46,75)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
323.	VDU (0,3333)	7645036	Kukharets, V., Hutsol, T., Kukharets, S., Glowacki, S., Nurek, T., & Sorokin, D. (2023). European green deal: the impact of the level of renewable energy source and gross domestic product per capita on energy import dependency. <i>Sustainability</i> , 15(15), 1- 15. doi: 10.3390/su151511817	T 004 (50)	9.2.	VDU (2,403)
324.	VU (1)	7645382	Gudžius, P., Kurasova, O., Darulis, V., & Filatovas, E. (2023). AutoML-based neural architecture search for object recognition in satellite imagery /. <i>Remote sensing.</i> , vol. 15(iss. 1), p. [1-24]. doi: 10.3390/rs15010091	T 007 (50)	9.2.	VU (4,175)
325.	VU (0,5)	7645434	Kąkol, K., Korvel, G., Tamulevičius, G., & Kostek, B. (2023). Detecting Lombard speech using deep learning approach /. <i>Sensors.</i> , vol. 23(no. 1), p. [1-20]. doi: 10.3390/s23010315	T 007 (50)	9.2.	VU (3,408)
326.	KTU (0,75); VU (0,25)	7645491	Marozas, V., Petrenas, A., Solosenko, A., Daukantas, S., Simaityte, M., & Rapalis, A. et al. (2023). <i>Japan Patent No. JP 7318160 B2</i> . Japonija: Japan Patent Office.	T 001 (80)	9.4.	KTU (9); VU (3)
327.	VDU (0,4)	7645510	Kukharets, V., Juočiūnienė, D., Hutsol, T., Sukmaniuk, O., Čėsna, J., & Kukharets, S. et al. (2023). An algorithm for managerial actions on the rational use of renewable sources of energy: determination of the energy potential of biomass in Lithuania. <i>Energies</i> , 1(16), 1-17. doi: 10.3390/en16010548	T 004 (50)	9.2.	VDU (2,017)
328.	VU (0,75); KTU (0,25)	7645532	Kielaitė-Gulla, A., Raisutis, R., Strupas, K., & Samuilis, A. (2023). <i>U. S. Patent No. US US 2023281803 A1</i> . U. S. Patent and Trademark Office.	T 001 (10), T 010 (20)	9.3.	VU (2,25); KTU (0,75)
329.	VU (0,0125)	7645632	Amoiridis, V., Behrens, U., Bocci, A., Branson, J., Brummer, P., & Cano, E. et al. (2023). Progress in design and testing of the DAQ and data-flow control for the Phase-2 upgrade of the CMS experiment /. <i>IEEE Transactions on nuclear science.</i> , vol. 70(iss. 6), p. 914-921. doi: 10.1109/TNS.2023.3244696	T 007 (100)	9.2.	VU (0,169)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
330.	VU (1)	7645680	Breskuvienė, D., & Dzemyda, G. (2023). Categorical feature encoding techniques for improved classifier performance when dealing with imbalanced data of fraudulent transactions /. <i>International journal of computers communications &amp; control.</i> , vol. 18(iss. 3), p. [1-17]. doi: 10.15837/ijccc.2023.3.5433	T 007 (100)	9.2.	VU (5,475)
331.	VU (0,6667); KU (0,3333)	7645698	Jurkus, R., Venskus, J., & Treigys, P. (2023). Application of coordinate systems for vessel trajectory prediction improvement using a recurrent neural networks /. <i>Engineering applications of artificial intelligence.</i> , vol. 123(part C), p. [1-10]. doi: 10.1016/j. engappai.2023.106448	T 007 (100)	9.2.	VU (9,727); KU (4,863)
332.	VILNIUS TECH (0,5); VU (0,5)	7645708	Kalibaitienė, D., Miliauskaitė, J., Slotkienė, A., & Gudas, S. (2023). On the development of the web service quality modelling space /. <i>Expert systems with applications.</i> , 211, p. 1-12. doi: 10.1016/j. eswa.2022.118584	T 007 (100)	9.2.	VILNIUS TECH (6,781); VU (6,781)
333.	VU (0,5)	7645720	Korvel, G., Kačol, K., Treigys, P., & Kostek, B. (2023). Applying the Lombard effect to speech-in-noise communication /. <i>Electronics (Switzerland): Special issue: Recent advances in audio, speech and music processing and analysis.</i> , vol. 12(iss. 24), p. [1-18]. doi: 10.3390/electronics12244933	T 007 (50)	9.2.	VU (2,765)
334.	VU (0,5)	7645734	Korvel, G., Treigys, P., Kačol, K., & Kostek, B. (2023). Investigation of the Lombard effect based on a machine learning approach /. <i>International journal of applied mathematics and computer science.</i> , vol. 33(no. 3), p. 479-492. doi: 10.34768 /amcs-2023-0035	T 007 (50)	9.2.	VU (2,827)
335.	VU (0,25)	7645748	Koszewski, D., Görne, T., Korvel, G., & Kostek, B. (2023). Automatic music signal mixing system based on one-dimensional Wave-U-Net autoencoders /. <i>Eurasip journal on audio speech and music processing.</i> , vol. 2023(no. 1), p. [1-17]. doi: 10.1186 /s13636-022-00266-3	T 007 (50)	9.2.	VU (1,088)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
336.	KTU (0,5); VUL SK (0,3333); VILNIUS TECH (0,1667); VU (0)	7645790	Maskeliūnas, R., Damaševičius, R., Raudonis, V., Adomavičienė, A., Raistenskis, J., & Griškevičius, J. (2023). BiomacEMG: a Pareto-optimized system for assessing and recognizing hand movement to track rehabilitation progress /. <i>Applied sciences.</i> , vol. 13(iss. 9), p. 1-17. doi: 10.3390/app13095744	T 007 (50), T 009 (30), T 010 (20)	9.2.	KTU (2,76); VUL SK (1,84); VILNIUS TECH (0,92); VU (-)
337.	VU (1)	7645817	Melnik-Leroy, G., Aidokas, L., Dzemyda, G., Dzemydaitė, G., Marcinkevičius, V., & Tiešis, V. et al. (2023). Is my visualization better than yours? Analyzing factors modulating exponential growth bias in graphs /. <i>Frontiers in psychology.</i> , vol. 14, p. [1- 11]. doi: 10.3389/fpsyg.2023.1125810.s001	T 007 (100)	9.2.	VU (8,5)
338.	VU (0,125)	7645841	Narwani, K., Lin, H., Pirbhulal, S., & Hassan, M. (2023). Towards AI-enabled approach for Urdu text recognition: a legacy for Urdu image apprehension /. <i>IEEE access., first published online</i> , p. [1- 13]. doi: 10.1109/ACCESS.2022.3203426	T 007 (100)	9.2.	VU (1,991)
339.	VU (1)	7645872	Noreika, K., & Gudas, S. (2023). Causal knowledge modelling for Agile development of enterprise application systems /. <i>Informatica.</i> , vol. 34(no. 1), p. 121-146. doi: 10.15388/23- INFOR510	T 007 (100)	9.2.	VU (12,354)
340.	VU (0,25)	7645882	Orts, F., Puertas, A., Ortega, G., & Garzón, E. (2023). Quantum annealing solution for the unrelated parallel machine scheduling with priorities and delay of task switching on machines /. <i>Future generation computer systems.</i> , vol. 148, p. 514-523. doi: 10.1016/j.future.2023.07.006	T 007 (100)	9.2.	VU (4,854)
341.	VU (0,25)	7645895	Orts, F., Filatovas, E., Ortega, G., & Garzon, E. (2023). A quantum circuit to generate random numbers within a specific interval /. <i>EPJ quantum technology.</i> , vol. 10, p. [1-16]. doi: 10.1140/epjqt/s40507-023-00174-1	T 007 (100)	9.2.	VU (5,023)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
342.	VU (0,4)	7645916	Orts, F., Filatovas, E., Ortega, G., Sanjuan Estrada, J., & Garzon, E. (2023). Improving the number of T gates and their spread in integer multipliers on quantum computing /. <i>Physical review A.</i> , vol. 107(iss. 4), p. [1-9]. doi: 10.1103/PhysRevA.107.042621	T 007 (100)	9.2.	VU (5,268)
343.	VU (1)	7645941	Orts Gomez, F., Paulavičius, R., & Filatovas, E. (2023). Improving the implementation of quantum blockchain based on hypergraphs /. <i>Quantum information processing.</i> , vol. 22, p. [1- 20]. doi: 10.1007/s11128-023-04096-w	T 007 (50)	9.2.	VU (3,479)
344.	VU (0,6)	7645973	Paulavičius, R., Stripinis, L., Sutavičiūtė, S., Kočegarov, D., & Filatovas, E. (2023). A novel greedy genetic algorithm-based personalized travel recommendation system /. <i>Expert systems with applications.</i> , vol. 230, p. [1-18]. doi: 10.1016/j.eswa.2023.120580	T 007 (50)	9.2.	VU (5,754)
345.	KTU (0,9286); VU (0,0714)	7646547	Nakrosis, A., Paulauskaite-Taraseviciene, A., Raudonis, V., Narusis, I., Gruzauskas, V., & Gruzauskas, R. et al. (2023). Towards early poultry health prediction through non-invasive and computer vision-based dropping classification /. <i>Animals.</i> , vol. 13 (iss. 19), p. 1-18. doi: 10.3390/ani13193041	T 007 (20)	9.2.	KTU (2,052); VU (0,158)
346.	KTU (0,875); VU (0,125)	7646631	Paulauskaite-Taraseviciene, A., Siaulys, J., Sutiene, K., Petravicius, T., Navickas, S., & Oliandra, M. et al. (2023). Geriatric care management system powered by the IoT and computer vision techniques /. <i>Healthcare.</i> , vol. 11(iss. 8), p. 1-23. doi: 10.3390/healthcare11081152	T 001 (10)	9.2.	KTU (0,696); VU (0,099)
347.	VU (1)	7646762	Stripinis, L., & Paulavičius, R. (2023). Novel algorithm for linearly constrained derivative free global optimization of Lipschitz functions /. <i>Mathematics.</i> , vol. 11(iss. 13), p. [1-19]. doi: 10.3390/math11132920	T 007 (50)	9.2.	VU (8,318)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
348.	KTU (0,8333); VDU (0,1667)	7647106	Grigas, O., Maskeliūnas, R., & Damaševičius, R. (2023). Improving structural MRI preprocessing with hybrid transformer GANs. <i>Life</i> , 13(9), 1-22. doi: 10.3390/life13091893	T 007 (90)	9.2.	KTU (5,921); VDU (1,184)
349.	VDU (0,375); KTU (0,25)	7647155	Maskeliūnas, R., Damaševičius, R., Vitkutė-Adžgauskienė, D., & Misra, S. (2023). Pareto optimized large mask approach for efficient and background humanoid shape removal. <i>IEEE access</i> , (11), 33900-33914. doi: 10.1109/ACCESS.2023.3253206	T 007 (70)	9.2.	VDU (4,181); KTU (2,787)
350.	KTU (0,6667); VDU (0,3333)	7647274	Odusami, M., Maskeliūnas, R., & Damaševičius, R. (2023). Optimized convolutional fusion for multimodal neuroimaging in Alzheimer's disease diagnosis: enhancing data integration and feature extraction. <i>Journal of personalized medicine</i> , 13(10), 1- 19. doi: 10.3390/jpm13101496	T 007 (70)	9.2.	KTU (4,006); VDU (2,003)
351.	KTU (0,25); VDU (0,1667)	7647322	Shah Hussain, S., Haider, S., Maqsood, S., Damaševičius, R., Maskeliūnas, R., & Khan, M. (2023). ETISTP: An enhanced model for brain tumor identification and survival time prediction. <i>Diagnostics</i> , 13(8), 1-22. doi: 10.3390/diagnostics13081456	T 007 (70)	9.2.	KTU (2,927); VDU (1,952)
352.	VU (1)	7647511	Stripinis, L., & Paulavičius, R. (2024). Lipschitz-inspired HALRECT algorithm for derivative-free global optimization /. <i>Journal of global optimization.</i> , vol. 88(iss. 1), p. 139-169. doi: 10.1007/s10898-023-01296-7	T 007 (50)	9.2.	VU (3,263)
353.	KTU (0,5833); VDU (0,4167)	7647662	Maciulevičius, M., Raišutis, R., Jakštys, B., Svilainis, L., Chaziachmetovas, A., & Šatkauskas, S. (2023). The assessment of calcium and bleomycin cytotoxic efficiency in relation to cavitation dosimetry. <i>Pharmaceutics</i> , 15(5), 1-22. doi: 10.3390/pharmaceutics15051463	T 001 (30), T 010 (20)	9.2.	KTU (3,085); VDU (2,203)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
354.	VILNIUS TECH (0,5); VU (0,1667)	7647677	Žvirblis, T., Hunicz, J., Matijošius, J., Rimkus, A., Kilikevičius, A., & Gęca, M. (2023). Improving diesel engine reliability using an optimal prognostic model to predict diesel engine emissions and performance using pure diesel and hydrogenated vegetable oil /. <i>Eksplotacja i niezawodność – Maintenance and reliability.</i> , vol. 25(iss. 4), p. 1-19. doi: 10.17531/ein/174358	T 003 (20), T 007 (20), T 009 (60)	9.2.	VILNIUS TECH (4,816); VU (1,605)
355.	VU (1)	7647703	Breskuvienė, D., & Dzemyda, G. (2023). Imbalanced data classification approach based on clustered training set /. In <i>Data science in applications / editors: Dzemyda, G., Bernatavičienė, J., Kacprzyk, J.</i> (p. 43-62.). Cham: Springer.	T 007 (100)	9.1.	VU (14)
356.	VU (0,2857)	7647729	Dagienė, V., Gülbahar, Y., Grgurina, N., López-Pernas, S., Saqr, M., & Apiola, M. et al. (2023). Computing education research in schools /. In <i>Past, present and future of computing education research: a global perspective / editors: Mikko Apiola, Sonsoles López-Pernas, Mohammed Saqr.</i> (p. 481-520.). Cham: Springer International Publishing.	T 007 (100)	9.1.	VU (16,286)
357.	VU (1)	7647743	Danilovaitė, M., & Tamulevičius, G. (2023). Acoustic analysis for vocal fold assessment – challenges, trends, and opportunities /. In <i>Data science in applications / editors: Gintautas Dzemyda, Jolita Bernatavičienė, Janusz Kacprzyk.</i> (p. 147-166.). Cham: Springer International Publishing.	T 007 (100)	9.1.	VU (14)
358.	VU (0,6667)	7647753	Dzemyda, G., Bernatavičienė, J., & Kacprzyk, J. (2023). Preface [Data science in applications] /. In <i>Data science in applications / editors: Gintautas Dzemyda, Jolita Bernatavičienė, Janusz Kacprzyk.</i> (p. v-ix.). Cham: Springer International Publishing.	T 007 (100)	9.1.	VU (3,3)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
359.	VU (0,75)	7647798	Juškevičienė, A., Pears, A., Jevsikova, T., & Stupurienė, G. (2023). Computational thinking design application for STEAM education /. In <i>Data science in applications / editors: Gintautas Dzemyda, Jolita Bernatavičienė, Janusz Kacprzyk</i> . (p. 1-26.). Cham: Springer International Publishing.	T 007 (100)	9.1.	VU (19,622)
360.	VU (1)	7647811	Žilinskas, A. (2023). Bi-objective Selection in Bayesian Global Optimization /. In <i>Encyclopedia of optimization / Pardalos, P.M., Prokopyev, O.A. (eds)</i> . (p. [1-3]). Cham: Springer.	T 007 (100)	9.1.	VU (2)
361.	VU (1)	7647819	Žilinskas, A. (2023). Partition-based Bayesian global optimization methods /. In <i>Encyclopedia of optimization / Pardalos, P.M., Prokopyev, O.A. (eds)</i> . (p. [1-3]). Cham: Springer.	T 007 (100)	9.1.	VU (2)
362.	PTTTI (0,5)	7647974	Pakalka, S., Donėlienė, J., Rudzikas, M., Valančius, K., & Streckienė, G. (2024). Development and experimental investigation of full-scale phase change material thermal energy storage prototype for domestic hot water applications. <i>Journal of Energy Storage</i> , 80. doi: <a href="https://doi.org/10.1016/j.est.2023.110283">https://doi.org/10.1016/j.est.2023.110283</a>	T 006 (100)	9.2.	PTTTI (5,514)
363.	PTTTI (0,1667)	7648119	Mačėnaitė, L., Lugas, D., & Fataraitė-Urbonienė, E. (2023). Straipsnis. <i>Materials Science (Medžiagotyra)</i> , 29(1), 126-131. doi: Machine Learning Methods for the Prediction of Abraded Butadiene-Styrene Rubber Surface Roughness	T 008 (100)	9.00.	PTTTI (–)
364.	VDU (0,75); KTU (0,25)	7651197	Damulienė, V., Kaškonienė, V., Kaškonas, P., & Maruška, A. (2023). The influence of enzymatic hydrolysis on bee pollen antioxidant and antibacterial activities. <i>Foods</i> , 12(19), 1–16. doi: 10.3390/foods12193582	T 010 (20)	9.2.	VDU (1,307); KTU (0,436)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
365.	VDU (0,125)	7706971	Almomani, B., Alkhalidi, A., Olabi, A., & Jouhara, H. (2023). Expert opinions on strengths, weaknesses, opportunities, and threats of utilizing nuclear reactor waste heat for water desalination. <i>Desalination</i> , (564), 1–15. doi: 10.1016/j.desal.2023.116777	T 004 (100)	9.2.	VDU (3,35)
366.	VDU (1)	7707046	Anušauskas, J., Steponavičius, D., Romaneckas, K., Lekavičienė, K., Zaleckas, E., & Sendžikienė, E. (2023). The influence of bacteria-inoculated mineral fertilizer on the productivity and profitability of spring barley cultivation. <i>Plants</i> , 12(6), 1–17. doi: 10.3390/plants12061227	T 004 (80)	9.2.	VDU (7,822)
367.	VDU (0,0714)	7707094	Bao, Y., Yao, F., Meng, X., Fan, J., Zhang, J., & Liu, H. et al. (2023). Dynamic modeling of topsoil organic carbon and its scenarios forecast in global Mollisols regions. <i>Journal of cleaner production</i> , (421), 1–16. doi: 10.1016/j.jclepro.2023.138544	T 004 (100)	9.2.	VDU (1,895)
368.	VDU (0,0833)	7707150	Bao, Y., Yao, F., Meng, X., Zhang, J., Liu, H., & Mouazen, A. (2023). Predicting soil organic carbon in cultivated land across geographical and spatial scales: Integrating Sentinel-2A and laboratory Vis-NIR spectra. <i>ISPRS Journal of photogrammetry and remote sensing</i> , (203), 1–18. doi: 10.1016/j.isprs.2023.07.020	T 004 (50), T 009 (50)	9.2.	VDU (3,938)
369.	VDU (1)	7707610	Bivainis, V., Jotautienė, E., Lekavičienė, K., Mioldažys, R., & Juodišius, G. (2023). Theoretical and experimental verification of organic granular fertilizer spreading. <i>Agriculture</i> , 13(6), 1–18. doi: 10.3390/agriculture13061135	T 004 (50), T 009 (50)	9.2.	VDU (9,452)
370.	VDU (0,625)	7707671	Bleizgys, R., Čėsna, J., Kukharets, S., & Medvedskiy, O. (2023). Statistical analysis of the air-cooling process in a cowshed. <i>Agriculture</i> , 13(11), 1–15. doi: 10.3390/agriculture13112126	T 004 (70), T 009 (30)	9.2.	VDU (8,354)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
371.	VDU (1)	7707800	Bleizgys, R., & Naujokienė, V. (2023). Ammonia emissions from cattle manure under variable moisture exchange between the manure and the environment. <i>Agronomy</i> , 13(6), 1–16. doi: 10.3390/agronomy13061555	T 004 (100)	9.2.	VDU (8,748)
372.	VDU (1)	7707913	Buragienė, S., Šarauskius, E., Adamavičienė, A., Romanekas, K., Naujokienė, V., & Lekavičienė, K. et al. (2023). The effect of different biopreparations on soil physical properties and CO2 emissions when growing winter wheat and oilseed rape. <i>Soil</i> , 9 (2), 593–608. doi: 10.5194/soil-9-593-2023	T 004 (60)	9.2.	VDU (7)
373.	LSMU (0,5556); KTU (0,1111); VDU (0,1111)	7707972	Bartkienė, E., Kungienė, G., Starkutė, V., Klupšaitė, D., Zokaitytė, E., & Černauskas, D. et al. (2023). Psyllium husk gel used as an alternative and more sustainable scalding technology for wheat bread quality improvement and acrylamide reduction. <i>Frontiers in nutrition</i> , (10), 1–14. doi: 10.3389/fnut.2023.1277980	T 005 (30)	9.2.	LSMU (2,696); KTU (0,539); VDU (0,539)
374.	VDU (0,5); KTU (0,25); LAMMC (0,25)	7708307	Paulikienė, S., & Žvirdauskienė, R. (2023). Evaluation of hydrothermal treatment of winter wheat grain with ozonated water. <i>Plants</i> , 12(18), 1-15. doi: 10.3390/plants12183267	T 004 (50), T 005 (30)	9.2.	VDU (3,911); KTU (1,955); LAMMC (1,955)
375.	KTU (0,5); VDU (0,1)	7708338	Tavgenienė, D., Beresnevičiūtė, R., Krucaitė, G., Achramovič, B., Zaleckas, E., & Grigalevičius, S. et al. (2023). Efficient blue non-doped OLEDs with new tetraphenylethene-based aggregation-induced emission molecules. <i>Dyes and pigments</i> , (216), 1-8. doi: 10.1016/j.dyepig.2023.111319	T 004 (20)	9.2.	KTU (0,997); VDU (0,199)
376.	VDU (0,0909)	7708518	Dysarz, T., Kažuza, T., Mickevičius, K., Veigneris, J., Zawadzki, P., & Kujawiak, S. et al. (2023). Application of physical and numerical modeling for determination of waterway safety under the bridge in Kaunas City, Lithuania. <i>Water</i> , 15(4), 1-23. doi: 10.3390/w15040731	T 002 (100)	9.2.	VDU (0,967)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
377.	VDU (0,8182); KTU (0,0909)	7708567	Tiso, N., Mikašauskaitė-Tiso, J., Maruška, A., Stankevičius, M., Ragažinskienė, O., & Donati, E. et al. (2023). Characterization and comparative evaluation of fungi resistant to PAHs collected in Lithuania and their consortia. <i>Sydowia</i> , (75), 243-257. doi: 10.12905/0380.sydowia75-2023-0243	T 001 (10)	9.2.	VDU (0,555); KTU (0,062)
378.	VDU (0,3333)	7708700	Fowles, S., Manns, J., & Malienė, V. (2023). United Kingdom. In <i>Public value capture of increasing property values across Europe / editors J.-M. Halleux, A. Hendricks, B. Nordahl, V. Maliene</i> (259- 266). Zürich: vdf Hochschulverlag AG an der ETH Zürich.	T 004 (100)	9.00.	VDU (–)
379.	VDU (0,6)	7708814	Gabryš, K., Šadzevičius, R., Dapkienė, M., Ramukevičius, D., & Sas, W. (2023). Effect of a fine fraction on dynamic properties of recycled concrete aggregate as a special anthropogenic soil. <i>Materials</i> , 16(14), 1-22. doi: 10.3390/ma16144986	T 002 (100)	9.2.	VDU (5,002)
380.	VDU (0,7143)	7709029	Hallik, L., Šarauskis, E., Kazlauskas, M., Bručienė, I., Mozgeris, G., & Steponavičius, D. et al. (2022). Proximal sensing sensors for monitoring crop growth. In D. Bochtis, M. Lampridi, G. Petropoulos, Y. Ampatzidis, & P. Pardalos, <i>Information and communication technologies for agriculture—theme I: Sensors</i> (182, 43–97). Cham: Springer.	T 004 (50), T 009 (50)	9.1.	VDU (48,25)
381.	VDU (0,5); KTU (0,25)	7709623	Švažas, M., Bilan, Y., Navickas, V., & Okręglicka, M. (2023). Energy transformation in municipal areas—key datasets and their influence on process evaluation. <i>Energies</i> , 17(19), 1-20. doi: 10.3390/en16176193	T 004 (50)	9.2.	VDU (1,783); KTU (0,892)
382.	VDU (1)	7709883	Gaidė, I., Makarevičienė, V., Sendžikienė, E., & Gumbytė, M. (2023). Rapeseed oil transesterification using 1-butanol and eggshell as a catalyst. <i>Catalysts</i> , 13(2), 1-12. doi: 10.3390/catal13020302	T 004 (100)	9.2.	VDU (5,8)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
383.	VDU (1)	7709902	Gaidė, I., Makarevičienė, V., Kazancev, K., & Sendžikienė, E. (2023). Snail shells as a heterogeneous catalyst for biodiesel fuel production. <i>Processes</i> , 11(1), 1-13. doi: 10.3390/pr11010260	T 004 (100)	9.2.	VDU (5,063)
384.	VDU (1)	7709925	Gaudutis, A., Jotautienė, E., Mioldažys, R., Bivainis, V., & Jasinskas, A. (2023). Sustainable use of biochar, poultry and cattle manure for the production of organic granular fertilizers. <i>Agronomy</i> , 13(5), 1-13. doi: 10.3390/agronomy13051426	T 004 (100)	9.2.	VDU (8,748)
385.	VDU (0,8333)	7709940	Gramauskas, G., Jasinskas, A., Kleiza, V., Mioldažys, R., Souček, J., & Blažauskas, E. (2023). Evaluation of invasive herbaceous plants utilization for the production of pressed biofuel. <i>Processes</i> , 11(7), 1-17. doi: 10.3390/pr11072097	T 004 (40), T 009 (40)	9.2.	VDU (4,772)
386.	VDU (1)	7710088	Grigas, A., Savickas, D., Steponavičius, D., Niekis, Ž., & Balčiūnas, J. (2023). The influence of different irrigation scenarios on the yield and sustainability of wheat fodder under hydroponic conditions. <i>Agronomy</i> , 13(3), 1-16. doi: 10.3390/agronomy13030860	T 004 (80), T 009 (20)	9.2.	VDU (8,749)
387.	VDU (1)	7710144	Gumbytė, M., Makarevičienė, V., & Sendžikienė, E. (2023). Enzymatic transesterification of Atlantic salmon ( <i>Salmo salar</i> ) oil with isoamyl alcohol. <i>Materials</i> , 16(3), 1-15. doi: 10.3390/ma16031185	T 004 (100)	9.2.	VDU (5,895)
388.	VDU (0,25)	7710193	Halleux, J., Hendricks, A., Malienė, V., & Nordahl, B. (2023). Conclusion. In <i>Public value capture of increasing property values across Europe / editors J.-M. Halleux, A. Hendricks, B. Nordahl, V. Maliene</i> (267-285). Zürich: vdf Hochschulverlag AG an der ETH Zürich.	T 004 (100)	9.00.	VDU (–)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
389.	VDU (0,3333)	7710344	Hendricks, A., Auzins, A., & Malienė, V. (2023). Terminology and concept clarification. In <i>Public value capture of increasing property values across Europe / editors J.-M. Halleux, A. Hendricks, B. Nordahl, V. Maliene</i> (17-24). Zürich: vdf Hochschulverlag AG an der ETH Zürich.	T 004 (100)	9.00.	VDU (-)
390.	VDU (0,0417)	7710506	Hong, Y., Chen, S., Hu, B., Wang, N., Xue, J., & Zhuo, Z. et al. (2023). Spectral fusion modeling for soil organic carbon by a parallel input-convolutional neural network. <i>Geoderma</i> , (437), 1- 13. doi: 10.1016/j.geoderma.2023.116584	T 004 (100)	9.2.	VDU (1,417)
391.	VDU (0,0625)	7711176	Hong, Y., Yiyun, C., Chen, S., Ruili, S., Guo, L., & Liu, Y. et al. (2023). Improving spectral estimation of soil inorganic carbon in urban and suburban areas by coupling continuous wavelet transform with geographical stratification. <i>Geoderma</i> , (430), 1- 15. doi: 10.1016/j.geoderma.2022.116284	T 004 (50), T 009 (50)	9.2.	VDU (2,126)
392.	VDU (0,0833)	7711225	Yılmaz, H., Çanakçı, M., Topakçı, M., Karayel, D., Yiğit, M., & Ortaçşme, D. (2023). In-situ pelletization of campus biomass residues: case study for Akdeniz University. <i>Renewable energy</i> , (212), 972-983. doi: 10.1016/j.renene.2023.05.097	T 004 (100)	9.2.	VDU (1,367)
393.	VDU (0,7)	7711291	Jomantas, T., Lekavičienė, K., Steponavičius, D., Andriušis, A., Zaleckas, E., & Zinkevičius, R. et al. (2023). The influence of newly developed spray drift reduction agents on drift mitigation by means of wind tunnel and field evaluation methods. <i>Agriculture</i> , 13(2), 1-26. doi: 10.3390/agriculture13020349	T 004 (50), T 009 (50)	9.2.	VDU (11,46)
394.	VDU (1)	7711332	Jurevičius, L., Punys, P., Šadzevičius, R., & Kasiulis, E. (2023). Monitoring dewatering fish spawning sites in the reservoir of a large hydropower plant in a lowland country using unmanned aerial vehicles. <i>Sensors</i> , 23(1), 1-19. doi: 10.3390/s23010303	T 004 (100)	9.2.	VDU (7,869)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
395.	VDU (1)	7711375	Kazlauskas, M., Bručienė, I., Savickas, D., Naujokienė, V., Buragienė, S., & Steponavičius, D. et al. (2023). Life cycle assessment of winter wheat production using precision and conventional seeding technologies. <i>Sustainability</i> , 15(19), 1-13. doi: 10.3390/su151914376	T 004 (90)	9.2.	VDU (5,803)
396.	IMC (0,1429); VILNIUS TECH (0,0714)	7711412	Łapińska, Z., Novickij, V., Rembiałkowska, N., Szewczyk, A., Dubińska-Magiera, M., & Kulbacka, J. et al. (2023). The influence of asymmetrical bipolar pulses and interphase intervals on the bipolar cancellation phenomenon in the ovarian cancer cell line. <i>Bioelectrochemistry</i> , 153, 108483. doi: 10.1016/j.bioelechem.2023.108483	T 001 (30)	9.2.	IMC (0,689); VILNIUS TECH (0,345)
397.	VILNIUS TECH (0,2)	7711599	Urbanowicz, K., Bergant, A., Stosiak, M., Deptuła, A., & Karpenko, M. (2023). Navier-Stokes solutions for accelerating pipe flow—A review of analytical models /Numerical heat transfer and fluid flow 2022. <i>Energies</i> , p. 9-37. doi: 10.3390/books978-3-0365-9854-3	T 003 (100)	9.2.	VILNIUS TECH (2,471)
398.	IMC (0,7); VILNIUS TECH (0,3)	7711955	Radzevičiūtė-Valčiukė, E., Želvys, A., Mickevičiūtė, E., Gečaitė, J., Zinkevičienė, A., & Malyško-Ptašinskė, V. et al. (2023). Calcium electrochemotherapy for tumor eradication and the potential of high-frequency nanosecond protocols. <i>Pharmaceuticals</i> , 16(8), 1083. doi: 10.3390/ph16081083	T 001 (30)	9.2.	IMC (1,988); VILNIUS TECH (0,852)
399.	VDU (0,0714)	7712107	Marenco-Porto, C., Fierro, J., Nieto-Londoño, C., Lopera, L., Escudero-Atehortua, A., & Giraldo, M. et al. (2023). Potential savings in the cement industry using waste heat recovery technologies. <i>Energy</i> , (279), 1-19. doi: 10.1016/j.energy.2023.127810	T 002 (70), T 004 (30)	9.2.	VDU (1,936)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
400.	KTU (0,5714); VDU (0,1429)	7712129	Kielė, A., Vaičiukynienė, D., Bertašius, Š., Krivenko, P., Bistrickaitė, R., & Jocius, V. et al. (2023). Alkali-activated slag coatings for fire protection of OPC concrete. <i>Materials</i> , 16(23), 1- 15. doi: 10.3390/ma16237477	T 002 (100)	9.2.	KTU (4,764); VDU (1,191)
401.	VDU (0,1111)	7712158	Kyllmar, K., Bechmann, M., Blicher-Mathiesen, G., Fischer, F., Fölster, J., & Iital, A. et al. (2023). Nitrogen and phosphorus losses in Nordic and Baltic agricultural monitoring catchments – Spatial and temporal variations in relation to natural conditions and mitigation programmes. <i>Catena</i> , (230), 1-13. doi: 10.1016/j. catena.2023.107205	T 004 (100)	9.2.	VDU (3,484)
402.	VDU (0,125)	7712195	Kosińska, N., Krzyżyńska, R., Ghazal, H., & Jouhara, H. (2023). Hydrothermal carbonisation of sewage sludge and resulting biofuels as a sustainable energy source. <i>Energy</i> , (275), 1-26. doi: 10.1016/j.energy.2023.127337	T 004 (100)	9.2.	VDU (3,031)
403.	KTU (0,3636); VDU (0,0909)	7712247	Kotowicz, S., Tavgenienė, D., Beresneviciute, R., Zaleckas, E., Pajaka, A., & Kručaitė, G. et al. (2023). Effect of substituent structure in fluorene based compounds: experimental and theoretical study. <i>Spectrochimica acta</i> , (300), 1-10. doi: 10.1016 /j.saa.2023.122832	T 004 (10)	9.2.	KTU (0,855); VDU (0,214)
404.	VDU (1)	7712296	Kreivaitis, R., Gumbytė, M., Kupčinskas, A., Treinytė, J., & Andriušis, A. (2023). Tribological properties of protic ionic liquid as an additive in aqueous glycerol solution for ruby-bearing steel tribo-contact. <i>Lubricants</i> , 11(1), 1-11. doi: 10.3390 /lubricants11010034	T 004 (100)	9.2.	VDU (7,865)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
405.	VDU (0,0833)	7712315	Marenco-Porto, C., Nieto-Londoño, C., Lopera, L., Escudero- Atehortua, A., Giraldo, M., & Jouhara, H. (2023). Evaluation of Organic Rankine Cycle alternatives for the cement industry using Analytic Hierarchy Process (AHP) methodology and energy- economic-environmental (3E) analysis. <i>Energy</i> , (281), 1-17. doi: 10.1016/j.energy.2023.128304	T 004 (30), T 006 (70)	9.2.	VDU (2,259)
406.	VDU (1)	7712410	Punys, P., Vyčienė, G., Jurevičius, L., & Kvaraciejus, A. (2023). Small hydropower assessment of Uganda based on multisource geospatial data. <i>Water</i> , 15(11), 1-20. doi: 10.3390/w15112051	T 002 (50), T 004 (50)	9.2.	VDU (6,142)
407.	VDU (0,8)	7712423	Kreivaitis, R., Gumbytė, M., Kupčinskas, A., Treinytė, J., & Sendžikienė, E. (2023). Synthesis and tribological properties of bis (2-hydroxyethyl)ammonium erucate as a potential environmentally friendly lubricant and lubricant additive. <i>Applied sciences</i> , 13(6), 1-13. doi: 10.3390/app13063401	T 004 (40), T 009 (30)	9.2.	VDU (3,092)
408.	VDU (0,8333)	7712444	Kreivaitis, R., Gumbytė, M., Kupčinskas, A., Treinytė, J., Kazancev, K., & Sendžikienė, E. (2023). Studying the tribological properties of coffee oil-loaded water-based green lubricant. <i>Applied sciences</i> , 13(10), 1-14. doi: 10.3390/app13106336	T 004 (100)	9.2.	VDU (4,6)
409.	VDU (1)	7712485	Kreivaitis, R., Kupčinskas, A., Treinytė, J., Gumbytė, M., & Andriušis, A. (2023). Improving tribological properties of water/glycerol lubricating fluid by the synergy of nanoparticles and protic ionic liquid. <i>Wear</i> , (534-535), 1-12. doi: 10.1016/j.wear.2023.205133	T 004 (100)	9.2.	VDU (9,536)
410.	VDU (1)	7712513	Kreivaitis, R., Kupčinskas, A., Gumbytė, M., & Treinytė, J. (2023). Tribological properties of bis(2-hydroxyethyl)ammonium oleate in glycerol and polyethylene glycol aqueous solutions. <i>Journal of molecular liquids</i> , (369), 1-11. doi: 10.1016/j.molliq.2022.120933	T 004 (100)	9.2.	VDU (8,33)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
411.	VDU (0,3333)	7712534	Kukharets, S., Jasinskas, A., Golub, G., Sukmaniuk, O., Hutsol, T., & Mudryk, K. et al. (2023). The experimental study of the efficiency of the gasification process of the fast-growing willow biomass in a downdraft gasifier. <i>Energies</i> , 16(2), 1-12. doi: 10.3390/en16020578	T 004 (40), T 006 (30), T 009 (30)	9.2.	VDU (3,76)
412.	VDU (1)	7712655	Makarevičienė, V., Kazancev, K., Sendžikienė, E., & Gumbytė, M. (2023). Glycerol free biodiesel synthesis by application of methyl formate in enzymatic interesterification of rapeseed oil. <i>Green chemistry letters and reviews</i> , 16(1), 1-11. doi: 10.1080/17518253.2023.2215259	T 004 (90)	9.2.	VDU (7,749)
413.	VDU (0,8333)	7712720	Bleizgys, R., Čėsna, J., Kukharets, S., Medvedskiy, O., Strelkauskaitė-Buivydienė, I., & Knoknerienė, I. (2023). Adiabatic cooling system working process investigation. <i>Processes</i> , 11(3), 1–16. doi: 10.3390/pr11030767	T 004 (50), T 009 (50)	9.2.	VDU (5,966)
414.	VILNIUS TECH (0,75); VDU (0,25)	7712784	Čeponis, A., Mažeika, D., Vasiljev, P., & Bareikis, R. (2023). 5-DOF cone-shaped piezoelectric positioning robot for optical systems. <i>Sensors and actuators A: Physical</i> , (354), 1-12. doi: 10.1016/j.sna.2023.114280	T 007 (30), T 009 (50)	9.2.	VILNIUS TECH (5,458); VDU (1,819)
415.	VDU (0,125)	7712806	Mazhar, R., Azadi, H., Passel, S., Värnik, R., Pietrzykowski, M., & Skominas, R. et al. (2023). Does contract length matter? The impact of various contract-farming regimes on land-improvement investment and the efficiency of contract farmers in Pakistan. <i>Agriculture</i> , 13(9), 1-16. doi: 10.3390/agriculture13091651	T 004 (100)	9.2.	VDU (2,894)
416.	VDU (1)	7712844	Naujokienė, V., Lekavičienė, K., Eigirdas, E., & Šarauskius, E. (2023). Shredding roller effect on the Cannabis sativa L. residues and environmental. <i>Processes</i> , 11(4), 1-14. doi: 10.3390/pr11041067	T 004 (50), T 009 (50)	9.2.	VDU (5,062)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
417.	VDU (0,5)	7712908	Patro, B., Suvin, P., Kreivaitis, R., & Gumbytė, M. (2023). Investigating the wettability, rheological, and tribological properties of ammonium-based protic ionic liquids as neat lubricants for steel–steel and steel–aluminium contacts. <i>Lubricants</i> , 11(11), 1-16. doi: 10.3390/lubricants11110469	T 004 (100)	9.2.	VDU (5,561)
418.	VDU (0,125)	7712964	Pazhuhan, M., Moradpour, N., Beishami, B., Värnik, R., Parra- Acosta, Y., & Skominas, R. et al. (2023). Do inhabitants' perceptions support tourism sustainability? The case of Khorramabad in Iran. <i>Sustainability</i> , 15(14), 1-16. doi: 10.3390/su151410926	T 004 (100)	9.2.	VDU (2,132)
419.	VDU (0,125)	7713015	Golub, G., Tsyvenkova, N., Kukharets, S., Holubenko, A., Omarov, I., & Klymenko, O. et al. (2023). European green deal: an experimental study of the biomass filtration combustion in a downdraft gasifier. <i>Energies</i> , 16(22), 1-15. doi: 10.3390/en16227490	T 004 (50), T 009 (50)	9.2.	VDU (1,544)
420.	VDU (0,625); VILNIUS TECH (0,25)	7713107	Jankauskas, V., Abrutis, R., Žunda, A., & Gargasas, J. (2023). Wear study of straw chopper knives in combine harvesters. <i>Applied sciences</i> , 13(13), 1-21. doi: 10.3390/app13137384	T 009 (100)	9.2.	VDU (3,45); VILNIUS TECH (1,38)
421.	VDU (0,375)	7713976	Plungė, S., Gudas, M., Povilaitis, A., & Piniewski, M. (2023). Evaluation of the costs of agricultural diffuse water pollution abatement in the context of Lithuania's water protection goals and climate change. <i>Environmental management</i> , (71), 755-772. doi: 10.1007/s00267-022-01745-1	T 004 (100)	9.2.	VDU (2,851)
422.	VDU (0,1667)	7713987	Pochodyła-Ducka, E., Glińska-Lewczuk, K., & Jaszczak, A. (2023). Changes in stormwater quality and heavy metals content along the rainfall–runoff process in an urban catchment. <i>Water</i> , 15(19), 1-13. doi: 10.3390/w15193505	T 004 (100)	9.2.	VDU (1,448)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
423.	LAMMC (0,5); VDU (0,5)	7713997	Janulevičius, A., & Damanauskas, V. (2023). Validation of relationships between tractor performance indicators, engine control unit data and field dimensions during tillage. <i>Mechanical systems and signal processing</i> , (191), 1-16. doi: 10.1016/j.ymssp. 2023.110201	T 009 (50)	9.2.	LAMMC (4,236); VDU (4,236)
424.	VDU (0,125)	7714007	Prajapati, P., Patel, V., Raja, B., & Jouhara, H. (2023). Multi objective ecological optimization of an irreversible Stirling cryogenic refrigerator cycle. <i>Energy</i> , (274), 1-10. doi: 10.1016/j. energy.2023.127253	T 004 (40), T 006 (60)	9.2.	VDU (3,031)
425.	VDU (0,4)	7714037	Radziemska, M., Gusiatin, M., Mazur, Z., Radzevičius, A., Beś, A., & Šadzevičius, R. et al. (2023). Composite biochar with municipal sewage sludge compost—a new approach to phytostabilization of PTE industrially contaminated soils. <i>Energies</i> , 16(4), 1-11. doi: 10.3390/en16041778	T 004 (100)	9.2.	VDU (4,511)
426.	VDU (1)	7714054	Jokubynienė, V., Slavinskas, S., & Kreivaitis, R. (2023). The effect of nanoparticle additives on the lubricity of diesel and biodiesel fuels. <i>Lubricants</i> , 11(7), 1-15. doi: 10.3390/lubricants11070290	T 009 (100)	9.2.	VDU (7,865)
427.	VDU (1)	7714064	Romanekas, K., Buragienė, S., Kazlauskas, M., Steponavičius, D., Naujokienė, V., & Bručienė, I. et al. (2023). Effects of soil electrical conductivity and physical properties on seeding depth maintenance and winter wheat germination, development and productivity. <i>Agronomy</i> , 13(1), 1-14. doi: 10.3390 /agronomy13010190	T 004 (60), T 009 (20)	9.2.	VDU (6,999)
428.	VDU (0,3)	7714081	Rossi, S., Scola, I., Bourges, G., Šarauskis, E., & Karayel, D. (2023). Improving the seed detection accuracy of piezoelectric impact sensors for precision seeders. Part II: Evaluation of different plate materials. <i>Computers and electronics in agriculture</i> , (215), 1-12. doi: 10.1016/j.compag.2023.108448	T 004 (40), T 009 (60)	9.2.	VDU (10,278)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
429.	VDU (0,3)	7714096	Rossi, S., Scola, I., Bourges, G., Šarauskis, E., & Karayel, D. (2023). Improving the seed detection accuracy of piezoelectric impact sensors for precision seeders. Part I: A comparative study of signal processing algorithms. <i>Computers and electronics in agriculture</i> , (215), 1-12. doi: 10.1016/j.compag.2023.108449	T 004 (40), T 009 (60)	9.2.	VDU (10,278)
430.	VDU (0,25)	7714112	Karayel, D., Çanakci, M., Topakci, M., Riza, A., Aytem, H., & Kriauciūnienė, Z. (2023). Technical evaluation of transplanters' performance for potted seedlings. <i>Turkish Journal of agriculture and forestry</i> , 47(1), 116-123. doi: 10.55730/1300-011X.3068	T 009 (50)	9.2.	VDU (1,551)
431.	VDU (0,1667)	7714336	Lavrys, S., Pohrelyuk, I., Tkachuk, O., Padgurskas, J., Trush, V., & Proskurnyak, R. (2023). Comparison of friction behaviour of titanium Grade 2 after non-contact boriding in oxygen-containing medium with gas nitriding. <i>Coatings</i> , 13(2), 1-16. doi: 10.3390/coatings13020282	T 009 (100)	9.2.	VDU (1,356)
432.	VDU (0,0833)	7714421	Doraghi, Q., Żabnieńska-Góra, A., Norman, L., Krause, B., Pötschke, P., & Jouhara, H. (2023). Experimental and computational analysis of thermoelectric modules based on melt- mixed polypropylene composites. <i>Thermal science and engineering progress</i> , (39), 1-11. doi: 10.1016/j.tsep.2023.101693	T 006 (100)	9.2.	VDU (1,626)
433.	VDU (0,125)	7714444	Selmy, S., Dmitry, E., Mozgeris, G., Moursy, A., Jimenez-Ballesta, R., & Kucher, O. et al. (2023). Detecting, analyzing, and predicting land use/land cover (LULC) changes in arid regions using landsat images, CA-Markov hybrid model, and GIS techniques. <i>Remote sensing</i> , 15(23), 1-26. doi: 10.3390/rs15235522	T 004 (100)	9.2.	VDU (2,557)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
434.	VDU (0,1667)	7714461	Guichet, V., Delpech, B., & Jouhara, H. (2023). Experimental investigation, CFD and theoretical modeling of two-phase heat transfer in a three-leg multi-channel heat pipe. <i>International journal of heat and mass transfer</i> , (203), 1-27. doi: 10.1016/j.ijheatmasstransfer.2022.123813	T 006 (100)	9.2.	VDU (2,504)
435.	VDU (0,125)	7714471	Souček, J., Jevič, P., Dědina, M., Tománková, V., Vladimír, M., & Burg, P. et al. (2023). Effects of temperature and pressure on hemp oil filtration parameters and peroxide number. <i>Processes</i> , 11(8), 1-11. doi: 10.3390/pr11082281	T 004 (50), T 009 (50)	9.2.	VDU (1,266)
436.	VDU (1)	7714489	Slavinskas, S. (2023). An experimental study on the injection characteristics and the macroscopic spray characteristics of rapeseed oil-diesel fuel blends. <i>Applied sciences</i> , 13(10), 1-17. doi: 10.3390/app13105944	T 009 (100)	9.2.	VDU (5,52)
437.	VDU (1)	7714497	Steponavičius, D., Grigas, A., Kemzūraitė, A., Domeika, R., Pužauskas, E., & Karalius, D. (2023). Shape optimization of concave crossbars to increase threshing performance of moist corn ears. <i>Agriculture</i> , 13(5), 1-20. doi: 10.3390/agriculture13050983	T 004 (30), T 009 (70)	9.2.	VDU (9,451)
438.	VDU (0,9375)	7714544	Šarauskis, E., Kazlauskas, M., Bručienė, I., Naujokienė, V., Romaneckas, K., & Buragienė, S. et al. (2023). Impact of soil electrical conductivity-based site-specific seeding and uniform rate seeding methods on winter wheat yield parameters and economic benefits. <i>Precision agriculture</i> , (24), 2438-2455. doi: 10.1007/s11119-023-10047-3	T 004 (30), T 009 (40)	9.2.	VDU (12,819)
439.	VDU (1)	7714599	Vaiciukevičius, E., Jasinskas, A., Domeika, R., Jotautienė, E., Gerdauskas, K., & Zinkevičienė, R. et al. (2023). Determination of optimal technological parameters for sorting wheat grains in chambers of different constructions. <i>Processes</i> , 11(12), 1-14. doi: 10.3390/pr11123441	T 009 (100)	9.2.	VDU (5,063)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
440.	VDU (0,3333)	7714614	Valentin, M., Białowiec, A., Karayel, D., Jasinskas, A., Ciolkosz, D., & Lavarias, J. (2023). Investigation of the performance of a cylindrical hopper and metering device of a carrot seeder. <i>Scientific reports</i> , 13(1), 1-16. doi: 10.1038/s41598-022-25798-8	T 004 (50), T 009 (50)	9.2.	VDU (5,88)
441.	VDU (0,05)	7714855	Wang, N., Xu, D., Xue, J., Xianglin, Z., Hong, Y., & Peng, S. et al. (2023). Delineation and optimization of cotton farmland management zone based on time series of soil-crop properties at landscape scale in south Xinjiang, China. <i>Soil and tillage research</i> , (231), 1-17. doi: 10.1016/j.still.2023.105744	T 004 (100)	9.2.	VDU (1,609)
442.	VDU (0,1538)	7714884	Witkowska-Dobrev, J., Szlachetka, O., Francke, B., Chyliński, F., Małek, M., & Šadzevičius, R. et al. (2023). Effect of different water-cement ratios on the durability of prefabricated concrete tanks exposed to acetic acid aggression. <i>Journal of building engineering</i> , (78), 1-15. doi: 10.1016/j.job.2023.107712	T 002 (100)	9.2.	VDU (4,147)
443.	VILNIUS TECH (0,6667); VDU (0,1667)	7714922	Zabielaitytė-Skirmantė, M., Burinskienė, M., & Vida, M. (2023). Influence of revitalization on the social and economic well-being of residents: case study of Lithuania. <i>Sustainability</i> , 15(9), 1-25. doi: 10.3390/su15097304	T 004 (100)	9.2.	VILNIUS TECH (6,079); VDU (1,52)
444.	VDU (0,0714)	7714933	Jouhara, H., Chauhan, A., Guichet, V., Delpech, B., Abdelkareem, M., & Olabi, A. et al. (2023). Low-temperature heat transfer mediums for cryogenic applications. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , (148), 1-18. doi: 10.1016/j.jtice.2023.104709	T 004 (40), T 006 (60)	9.2.	VDU (1,145)
445.	VDU (0,5)	7714968	Žiūra, K., Zvicevičius, E., Černiauskiene, Ž., Tilvikienė, V., Bakšinskaitė, A., & Pilipavičius, J. (2023). Effect of thermochemical treatment on the physicochemical properties of fiber hemp ( <i>Cannabis sativa</i> L.) by-product. <i>BioResources</i> , 18(4), 7003-7024. doi: 10.15376/biores.18.4.7003-7024	T 004 (100)	9.2.	VDU (2,625)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
446.	VDU (0,0357)	7715174	Jouhara, H., Nieto, N., Egilegor, B., Zuazua, J., González, E., & Yebra, I. et al. (2023). Waste heat recovery solution based on a heat pipe heat exchanger for the aluminium die casting industry. <i>Energy</i> , (266), 1-17. doi: 10.1016/j.energy.2022.126459	T 004 (40), T 006 (60)	9.2.	VDU (0,968)
447.	VDU (0,1)	7715296	Jouhara, H., Reay, D., McGlen, R., Kew, P., & McDonough, J. (2023). <i>Heat pipes: theory, design and applications</i> . Oxford: Elsevier.	T 006 (100)	9.1.	VDU (61,605)
448.	VDU (0,0833)	7715568	Khanna, S., Paneliya, S., Prajapati, P., Chaudhari, R., Vora, J., & Jouhara, H. (2023). Investigating the thermal properties of n- hexacosane/graphene composite: a highly stable nanocomposite material for energy storage application. <i>Thermal science and engineering progress</i> , (39), 1-14. doi: 10.1016/j.tsep.2023.101712	T 004 (40), T 006 (60)	9.2.	VDU (1,625)
449.	VDU (0,0833)	7716294	Mokbel, K., Kodresko, A., Ghazal, H., Mokbel, R., Trembley, J., & Jouhara, H. (2023). The evolving role of cryosurgery in breast cancer management: a comprehensive review. <i>Cancers</i> , 15(17), 1-13. doi: 10.3390/cancers15174272	T 006 (40)	9.2.	VDU (0,619)
450.	VDU (0,1667)	7716329	Olabi, A., Abdelkareem, M., & Jouhara, H. (2023). Energy digitalization: main categories, applications, merits and barriers. <i>Energy</i> , (271), 1-6. doi: 10.1016/j.energy.2023.126899	T 006 (100)	9.2.	VDU (4,041)
451.	VILNIUS TECH (0,75); VU (0,25)	7718431	Laukys, J., Maršalka, B., Daugėla, I., & Stankūnavičius, G. (2023). Drone-based vertical atmospheric temperature profiling in urban environments /. <i>Drones</i> , vol. 7(iss. 11), p. 1-21. doi: 10.3390/drones7110645	T 003 (30), T 004 (30), T 010 (40)	9.2.	VILNIUS TECH (6,414); VU (2,137)
452.	IMC (0,125); VILNIUS TECH (0,0625)	7718481	Sauer, N., Szlasa, W., Szewczyk, A., Novickij, V., Saczko, J., & Baczyńska, D. et al. (2023). Effects of nanosecond pulsed electric field on immune checkpoint receptors in melanoma cells. <i>Pharmaceuticals</i> , 16(10), 1362. doi: 10.3390/ph16101362	T 001 (40)	9.2.	IMC (0,82); VILNIUS TECH (0,41)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
453.	IMC (0,125); VILNIUS TECH (0,125)	7718590	Kranjc, M., Polajžer, T., Novickij, V., & Miklavčič, D. (2023). Determination of the impact of high-intensity pulsed electromagnetic fields on the release of damage-associated molecular pattern molecules. <i>International Journal of Molecular Sciences</i> , 24(19), 14607. doi: 10.3390/ijms241914607	T 001 (30)	9.2.	IMC (0,436); VILNIUS TECH (0,436)
454.	VU (1)	7718852	Petrauskas, V., Kazlauskas, E., Gedgaudas, M., Baranauskienė, L., Zubrienė, A., & Matulis, D. (2023). Thermal shift assay for protein–ligand dissociation constant determination /. <i>TrAC Trends in Analytical Chemistry</i> , vol. 170, p. [1-7]. doi: 10.1016/j.trac.2023.117417	T 005 (30)	9.2.	VU (–)
455.	IMC (0,4167); VILNIUS TECH (0,1667)	7718891	Rembatiakowska, N., Novickij, V., Radzevičiūtė-Valčiukė, E., Mickevičiūtė, E., Gajewska-Naryniecka, A., & Kulbacka, J. (2023). Susceptibility of various human cancer cell lines to nanosecond and microsecond range electrochemotherapy: Feasibility of multi-drug cocktails. <i>International Journal of Pharmaceutics</i> , 646, 123485. doi: 10.1016/j.ijpharm.2023.123485	T 001 (30)	9.2.	IMC (1,993); VILNIUS TECH (0,797)
456.	IMC (0,1); VILNIUS TECH (0,05)	7719087	Sauer, N., Janicka, N., Szlasa, W., Skinderowicz, B., Kołodzińska, K., & Dwernicka, W. et al. (2023). TIM-3 as a promising target for cancer immunotherapy in a wide range of tumors. <i>Cancer Immunology, Immunotherapy</i> , 72(11), 3405-3425. doi: 10.1007/s00262-023-03516-1	T 001 (30)	9.2.	IMC (0,499); VILNIUS TECH (0,249)
457.	VILNIUS TECH (0,6)	7719240	Abdiraman, A., Goranin, N., Balevičius, S., Nurusheva, A., & Tumasonienė, I. (2023). Application of multicriteria methods for improvement of information security metrics /. <i>Sustainability: Special issue: Application of cyber security in sustainable system.</i> , vol. 15(iss. 10), p. 1-34. doi: 10.3390/su15108114	T 007 (100)	9.2.	VILNIUS TECH (5,471)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
458.	VILNIUS TECH (1)	7719262	Abromavičius, V., Serackis, A., Katkevičius, A., Kazlauskas, M., & Sledevič, T. (2023). Prediction of exam scores using a multi- sensor approach for wearable exam stress dataset with uniform preprocessing /. <i>Technology and health care: Selected Papers From the 14th International Conference BIOMDLORE 2023.</i> , vol. 31(iss. 6), p. 2499-2511. doi: 10.3233/THC-235015	T 001 (50), T 007 (50)	9.2.	VILNIUS TECH (4,73)
459.	IMC (0,3); VILNIUS TECH (0,2)	7719552	Rembiałkowska, N., Szlasa, W., Radzevičiūtė-Valčiukė, E., Kulbacka, J., & Novickij, V. (2023). Negative effects of cancellation during nanosecond range High-Frequency calcium based electrochemotherapy in vitro. <i>International Journal of Pharmaceutics</i> , 648, 123611. doi: 10.1016/j.ijpharm.2023.123611	T 001 (30)	9.2.	IMC (1,435); VILNIUS TECH (0,957)
460.	VILNIUS TECH (0,0909)	7719731	Acosta, A., Esteves, B., Aparecido da Cruz, J., Aramburu, A., Kairytė, A., & Członka, S. et al. (2023). Wood-Poly(furfuryl alcohol) prepreg: A novel, ecofriendly laminate composite /. <i>Materials: Special issue: Food industry wastes and by-products in polymer technology.</i> , vol. 16(iss. 18), p. 1-16. doi: 10.3390/ma16186237	T 004 (10), T 008 (90)	9.2.	VILNIUS TECH (1,199)
461.	VILNIUS TECH (0,125)	7719753	Acosta, A., Kairytė, A., Członka, S., Miedzińska, K., Aramburu, A., & Barbosa, K. et al. (2023). Rigid polyurethane biofoams filled with pine seed shell and yerba mate wastes /. <i>Polymers: Advanced Bio-Based Polymers and Nanocomposites II.</i> , vol. 15 (iss. 9), p. 1-15. doi: 10.3390/polym15092194	T 002 (20), T 008 (80)	9.2.	VILNIUS TECH (2,214)
462.	VILNIUS TECH (0,25)	7719781	Adhikary, K., & Kar, S. (2023). Multi-objective newsboy problem with random-fuzzy demand /. <i>Computational and applied mathematics.</i> , vol. 42(iss. 6), p. 1-21. doi: 10.1007/s40314-023- 02399-3	T 007 (100)	9.2.	VILNIUS TECH (5,324)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
463.	VILNIUS TECH (0,5)	7719795	Akmalaiuly, K., Berdikul, N., Pundienė, I., & Pranckevičienė, J. (2023). The effect of mechanical activation of fly ash on cement- based materials hydration and hardened state properties /. <i>Materials.</i> , vol. 16(iss. 8), p. 1-22. doi: 10.3390/ma16082959	T 008 (100)	9.2.	VILNIUS TECH (4,169)
464.	VILNIUS TECH (1)	7719810	Albrektienė-Plačakė, R., Bazienė, K., & Gargasas, J. (2023). Investigation on applying biodegradable material for removal of various substances (fluorides, nitrates and lead) from water /. <i>Materials.</i> , vol. 16(iss. 19), p. 1-17. doi: 10.3390/ma16196519	T 005 (50), T 009 (50)	9.2.	VILNIUS TECH (5,896)
465.	VILNIUS TECH (0,3333)	7720064	Al-Refaie, A., Abu Hamdieh, B., & Lepkova, N. (2023). Prediction of maintenance activities using generalized sequential pattern and association rules in data mining /. <i>Buildings: Special issue: "Computational approach applications in housing and real estate".</i> , vol. 13(iss. 4), p. 1-19. doi: 10.3390/buildings13040946	T 002 (50), T 007 (30)	9.2.	VILNIUS TECH (2,509)
466.	VILNIUS TECH (0,25)	7720076	Al-Refaie, A., Al-Hawadi, A., Lepkova, N., & Abbasi, G. (2023). Blockchain of optimal multiple construction projects planning under probabilistic arrival and stochastic durations /. <i>Journal of civil engineering and management.</i> , vol. 29(iss. 1), p. 15-34. doi: 10.3846/jcem.2023.17927	T 002 (50)	9.2.	VILNIUS TECH (1,563)
467.	VILNIUS TECH (0,5)	7720096	Al-Refaie, A., & Lepkova, N. (2023). A proposed DEA window analysis for assessing efficiency from asymmetry dynamic data /. <i>Symmetry: Symmetric and Asymmetric Data in Solution Models, Part II.</i> , vol. 15(iss. 9), p. 1-17. doi: 10.3390/sym15091650	T 002 (70), T 007 (30)	9.2.	VILNIUS TECH (3,324)
468.	VILNIUS TECH (0,3333)	7720122	Al-Refaie, A., Lepkova, N., & Hadjistassou, C. (2023). Using system dynamics to examine effects of satisfaction with PV systems, advertising, and competition on energy security and CO2 emissions in Jordan /. <i>Sustainability: Special issue: Smart solutions and technologies for energy efficiency and sustainable buildings.</i> , vol. 15(iss. 20), p. 1-25. doi: 10.3390/su152014907	T 002 (100)	9.2.	VILNIUS TECH (3,722)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
469.	VDU (0,125)	7720571	Prajapati, P., Patel, V., Raja, B., & Jouhara, H. (2023). Thermal efficiency and specific work optimization of combined Brayton and inverse Brayton cycle: A multi-objective approach. <i>Thermal science and engineering progress</i> , (37), 1-13. doi: 10.1016/j.tsep. 2022.101624	T 006 (100)	9.2.	VDU (2,439)
470.	VILNIUS TECH (0,1667)	7721788	Asad, B., Raja, H., Vainmann, T., Kallaste, A., Pomarnacki, R., & Hyunh, V. (2023). A current spectrum-based algorithm for fault detection of electrical machines using low-power data acquisition devices /. <i>Electronics: Advanced Fault Detection, Diagnosis and Prognosis in a Context of Renewable Power Generation.</i> , vol. 12 (iss. 7), p. 1-15. doi: 10.3390/electronics12071746	T 001 (100)	9.2.	VILNIUS TECH (2,128)
471.	VILNIUS TECH (0,875)	7721802	Augaitis, N., Šeputytė-Jucikė, J., Członka, S., Kremensas, A., Kairyte, A., & Vėjelis, S. et al. (2023). Performance analysis of loose-fill thermal insulation from wood scobs coated with liquid glass, tung oil, and expandable graphite mixture /. <i>Materials.</i> , vol. 16(iss. 9), p. 1-16. doi: 10.3390/ma16093326	T 008 (100)	9.2.	VILNIUS TECH (7,295)
472.	LAMMC (0,8333); VILNIUS TECH (0,1667)	7721833	Ayaz, M., Feizienė, D., Tilvikienė, V., Feiza, V., Baltrėnaitė- Gedienė, E., & Ullah, S. (2023). Biochar with Inorganic Nitrogen Fertilizer Reduces Direct Greenhouse Gas Emission Flux from Soil /. <i>Plants.</i> , vol. 12(iss. 5), p. 1-15. doi: 10.3390/plants12051002	T 004 (30)	9.2.	LAMMC (2,444); VILNIUS TECH (0,489)
473.	VILNIUS TECH (0,25)	7722290	Barman, H., Roy, S., Sakalauskas, L., & Weber, G. (2023). Inventory model involving reworking of faulty products with three carbon policies under neutrosophic environment /. <i>Advanced engineering informatics.</i> , vol. 57, p. 1-22. doi: 10.1016/j.aei. 2023.102081	T 007 (100)	9.2.	VILNIUS TECH (7,833)
474.	VILNIUS TECH (1)	7722319	Barzdėnas, V., & Vasjanov, A. (2023). Crosstalk reduction in high- density radio frequency printed circuit boards: Leveraging FR4 coating layers /. <i>Coatings.</i> , vol. 13(iss. 10), p. 1-9. doi: 10.3390 /coatings13101801	T 001 (100)	9.2.	VILNIUS TECH (5,752)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
475.	VILNIUS TECH (1)	7722329	Baškys, A. (2023). Switched-delay smith predictor for the control of plants with response-delay asymmetry /. <i>Sensors: Special issue: Nonlinear control with applications to energy systems.</i> , vol. 23(iss. 1), p. 1-17. doi: 10.3390/s23010258	T 001 (100)	9.2.	VILNIUS TECH (7,869)
476.	VILNIUS TECH (1)	7722364	Belova-Plonienė, D., Krukonis, A., Urbanavičius, V., Gurskas, A., Abromavičius, V., & Katkevičius, A. (2023). Analysis of properties of the multilayer meander structures for wireless communications /. <i>Electronics.</i> , vol. 12(iss. 19), p. 1-22. doi: 10.3390/electronics12193997	T 001 (100)	9.2.	VILNIUS TECH (6,384)
477.	VILNIUS TECH (0,9)	7722387	Bielskus, J., Streckienė, G., Rimdžius, D., Valančius, K., & Misevičiūtė, V. (2023). Investigation of the aerodynamic and thermal performance of a Decentralised Air Handling Unit (DAHU) heat recovery using balls charge /. <i>Journal of building engineering.</i> , vol. 76, p. 1-14. doi: 10.1016/j.job.2023.107373	T 006 (90), T 009 (10)	9.2.	VILNIUS TECH (15,344)
478.	VILNIUS TECH (0,3333)	7722476	Biyada, S., Merzouki, M., & Urbanavičius, J. (2023). New resources for sustainable thermal insulation using textile and agricultural waste in a new circular economy approach: An overview :. <i>Processes: Special issue: Biomass resource/energy utilization and microbial transformation technology.</i> , vol. 11(iss. 9), p. 1-12. doi: 10.3390/pr11092683	T 004 (20), T 005 (60)	9.2.	VILNIUS TECH (1,909)
479.	VILNIUS TECH (0,1667)	7722503	Bouraima, M., Saha, A., Stević, Ž., Antuchevičienė, J., Qiu, Y., & Marton, P. (2023). Assessment actions for improving railway sector performance using intuitionistic fuzzy-rough multi-criteria decision-making model /. <i>Applied soft computing.</i> , vol. 148, p. 1- 19. doi: 10.1016/j.asoc.2023.110900	T 002 (70), T 003 (10), T 007 (20)	9.2.	VILNIUS TECH (4,851)
480.	VILNIUS TECH (0,5)	7722549	Brzyski, P., & Boris, R. (2023). The influence of acid casein on the selected properties of lime–metakaolin mortars /. <i>Materials: Special issue: Advances in natural building and construction materials.</i> , t. 16(vol. 21), p. 1-16. doi: 10.3390/ma16217050	T 008 (100)	9.2.	VILNIUS TECH (4,169)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
481.	VILNIUS TECH (1)	7722565	Bystrov, O., Pacevič, R., & Kačeniauskas, A. (2023). Adaptation of parallel SaaS to heterogeneous co-located cloud resources /. <i>Applied sciences.</i> , vol. 13(iss. 8), p. 1-17. doi: 10.3390/app13085115	T 007 (100)	9.2.	VILNIUS TECH (5,52)
482.	VILNIUS TECH (0,1429)	7722576	Caban, J., Vrabel, J., Górnicka, D., Nowak, R., Jankiewicz, M., & Matijošius, J. et al. (2023). Overview of energy harvesting technologies used in road vehicles /. <i>Energies: Thermal Power Systems and Alternative Energy.</i> , vol. 16(iss. 9), p. 1-32. doi: 10.3390/en16093787	T 003 (100)	9.2.	VILNIUS TECH (1,611)
483.	KTU (0,4); VILNIUS TECH (0,4)	7722616	Čeponis, A., Jūrėnas, V., Mažeika, D., Bakanauskas, V., & Deltuvienė, D. (2023). Rod-shaped linear inertial type piezoelectric actuator /. <i>Actuators.</i> , vol. 12(iss. 10), p. 1-17. doi: 10.3390/act12100379	T 007 (20), T 009 (80)	9.2.	KTU (3,468); VILNIUS TECH (3,468)
484.	VILNIUS TECH (0,1667)	7722680	Chaturanga, S., Jayasinghe, S., Antuchevičienė, J., Wickramarachchi, R., Udayanga, N., & Weerakkody, W. (2023). Practices driving the adoption of agile project management methodologies in the design stage of building construction projects /. <i>Buildings: Special issue: Advances in building asset management systems and technologies.</i> , vol. 13(iss. 4), p. 1-19. doi: 10.3390/buildings13041079	T 002 (50), T 007 (50)	9.2.	VILNIUS TECH (1,92)
485.	VILNIUS TECH (0,1667)	7722816	Chen, Z., Lu, J., Wen, J., Wang, X., Deveci, M., & Skibniewski, M. (2023). BIM-enabled decision optimization analysis for architectural glass material selection considering sustainability /. <i>Information sciences.</i> , vol. 647, p. 1-35. doi: 10.1016/j.ins.2023.119450	T 002 (50), T 007 (50)	9.00.	VILNIUS TECH (–)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
486.	VILNIUS TECH (1)	7722833	Chlebnikovas, A., & Kilikevičius, A. (2023). Study on gas flow parameters and fractional removal efficiency of ultrafine particulate matter in newly developed electro cyclone-filter /. <i>Atmosphere: Special issue: Electrostatics of atmospheric aerosols.</i> , vol. 14(iss. 3), p. 1-9. doi: 10.3390/atmos14030527	T 004 (10), T 009 (90)	9.2.	VILNIUS TECH (5,393)
487.	VILNIUS TECH (1)	7722845	Chlebnikovas, A., Marčiulaitienė, E., Šernas, O., Škuldeckė, J., & Januševičius, T. (2023). Research on air pollutants and odour emissions from paving hot-mix asphalt with end-of-life tyre rubber /. <i>Environment international.</i> , vol. 181, p. 1-10. doi: 10.1016/j.envint.2023.108281	T 004 (20), T 009 (80)	9.2.	VILNIUS TECH (14,875)
488.	VILNIUS TECH (1)	7722861	Chlebnikovas, A., Paliulis, D., Bradulienė, J., & Januševičius, T. (2023). Short-term field research on air pollution within the boundaries of the large city in the Baltic region /. <i>Environmental science and pollution research: Low emission development strategies and sustainable development goals.</i> , vol. 30, p. 81950- 81965. doi: 10.1007/s11356-022-23798-9	T 004 (90), T 009 (10)	9.00.	VILNIUS TECH (–)
489.	VILNIUS TECH (1)	7722876	Chmieliauskas, D., & Paulikas, Š. (2023). Video stream recognition using bitstream shape for mobile network QoE /. <i>Sensors: Special issue: Network traffic: models, challenges and research opportunities.</i> , vol. 23(iss. 5), p. 1-13. doi: 10.3390/s23052548	T 001 (100)	9.2.	VILNIUS TECH (7,869)
490.	VILNIUS TECH (0,1563)	7722890	Cong, X., Qi, Z., Wang, S., Su, P., Wang, L., & Šaparauskas, J. et al. (2023). Ecological welfare performance evaluation and spatial-temporal difference evolution of blue economic zones: A case study of the blue economic zone of Shandong Peninsula /. <i>Land: Geospatial Data in Land Suitability Assessment.</i> , vol. 12 (iss. 10), p. 1-15. doi: 10.3390/land12101886	T 002 (100)	9.2.	VILNIUS TECH (2,98)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
491.	VILNIUS TECH (0,125)	7722906	Cong, X., Su, P., Wang, L., Wang, S., Qi, Z., & Šaparauskas, J. et al. (2023). Measuring the construction efficiency of zero-waste city clusters based on an undesirable super-efficiency model and kernel density estimation method /. <i>Systems.</i> , vol. 11(iss. 9), p. 1-26. doi: 10.3390/systems11090473	T 002 (70), T 007 (30)	9.2.	VILNIUS TECH (2,927)
492.	VILNIUS TECH (0,05)	7722925	Cong, X., Wang, S., Wang, L., Qi, Z., & Skibniewski, M. (2023). New smart city clusters' construction level evaluation under economic circles: The case of Shandong, China /. <i>Technological and economic development of economy.</i> , vol. 29(iss. 3), p. 949- 980. doi: 10.3846/tede.2023.18792	T 002 (50), T 007 (50)	9.2.	VILNIUS TECH (1,572)
493.	VILNIUS TECH (0,6667)	7722941	Danilevičius, A., Karpenko, M., & Křivánek, V. (2023). Research on the noise pollution from different vehicle categories in the urban area /. <i>Transport.</i> , vol. 38(iss. 1), p. 1-11. doi: 10.3846 /transport.2023.18666	T 003 (100)	9.2.	VILNIUS TECH (3,751)
494.	VILNIUS TECH (1)	7722962	Darbutaitė, E., Stefanovič, P., & Ramanauskaitė, S. (2023). Machine-learning-based password-strength-estimation approach for passwords of Lithuanian context /. <i>Applied sciences: Special issue: Data-driven cybersecurity and privacy analysis.</i> , vol. 13 (iss. 13), p. 1-16. doi: 10.3390/app13137811	T 007 (50)	9.2.	VILNIUS TECH (2,76)
495.	VILNIUS TECH (1)	7722975	Dauknys, R., & Mažeikienė, A. (2023). Process improvement of biogas production from sewage sludge applying iron oxides- based additives /. <i>Energies: Special issue: Wastewater treatment related to energy.</i> , vol. 16(iss. 7), p. 1-15. doi: 10.3390 /en16073285	T 004 (100)	9.2.	VILNIUS TECH (5,043)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
496.	VILNIUS TECH (0,25)	7722998	Davoudabadi, R., Mousavi, S., Zavadskas, E., & Dorfeshan, Y. (2023). Introducing MOWSCER method for multiple criteria group decision-making: A new method of weighting in the structure of cause and effect relationships /. <i>International journal of information technology &amp; decision making.</i> , vol. 23(iss. 2), p. 641-677. doi: 10.1142/S0219622022500663	T 002 (50), T 007 (50)	9.2.	VILNIUS TECH (2,08)
497.	VILNIUS TECH (0,5714)	7724133	Decker, Ž., Rudzinskas, V., Drozd, K., Caban, J., Tretjakovas, J., & Nieoczym, A. et al. (2023). Analysis of the vehicle chassis axle fractures /. <i>Materials: Special issue: Fracture mechanics and fatigue damage of materials and structures.</i> , vol. 16(iss. 2), p. 1- 18. doi: 10.3390/ma16020806	T 008 (100)	9.2.	VILNIUS TECH (4,764)
498.	VILNIUS TECH (0,625)	7724157	Decker, Ž., Tretjakovas, J., Drozd, K., Rudzinskas, V., Walczak, M., & Kilikevičius, A. et al. (2023). Material's strength analysis of the coupling node of axle of the truck trailer /. <i>Materials: Special issue: Fracture mechanics and fatigue damage of materials and structures.</i> , vol. 16(iss. 9), p. 1-17. doi: 10.3390/ma16093399	T 008 (100)	9.2.	VILNIUS TECH (7,369)
499.	VILNIUS TECH (0,3333)	7724173	Demir, G., Chatterjee, P., & Pamučar, D. (2023). Sensitivity analysis in multi-criteria decision making: A state-of-the-art research perspective using bibliometric analysis /. <i>Expert systems with applications.</i> , vol. 237, p. 1-18. doi: 10.1016/j.eswa. 2023.121660	T 002 (40)	9.2.	VILNIUS TECH (3,616)
500.	VILNIUS TECH (0,375)	7724184	Deptuła, A., Stosiak, M., Deptuła, A., Lubecki, M., Karpenko, M., & Skačkauskas, P. et al. (2023). Risk assessment of innovation prototype for the example hydraulic cylinder /. <i>Sustainability.</i> , vol. 15(iss. 1), p. 1-20. doi: 10.3390/su15010440	T 003 (100)	9.2.	VILNIUS TECH (4,836)
501.	VILNIUS TECH (0,6)	7724226	Du, Y., Pundienė, I., Pranckevičienė, J., Zujevs, A., & Korjakins, A. (2023). Study on the pore structure of lightweight mortar with nano-additives /. <i>Nanomaterials.</i> , vol. 13(iss. 22), p. 1-17. doi: 10.3390/nano13222942	T 008 (100)	9.2.	VILNIUS TECH (6,127)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
502.	VILNIUS TECH (1)	7724240	Dzedzickis, A., Rožėnė, J., Bučinskas, V., Viržonis, D., & Morkvėnaitė-Vilkončienė, I. (2023). Characteristics and functionality of cantilevers and scanners in atomic force microscopy /. <i>Materials.</i> , vol. 16(iss. 19), p. 1-22. doi: 10.3390/ma16196379	T 009 (100)	9.2.	VILNIUS TECH (5,895)
503.	VILNIUS TECH (0,3333)	7724253	Dzienis, P., Golak, K., Konopko, M., Mosdorf, R., Bazienė, K., & Gargasas, J. (2023). A hydrodynamic interaction between bubbles and gas supply system during gas bubble departures in liquids: an experimental study /. <i>Scientific reports.</i> , vol. 13(iss. 1), p. 1- 14. doi: 10.1038/s41598-023-45362-2	T 008 (50), T 009 (50)	9.2.	VILNIUS TECH (3,142)
504.	VILNIUS TECH (0,2)	7724339	El Hajjami, L., Mellouli, E., Žuraulis, V., Berrada, M., & Boumhidi, I. (2023). A robust intelligent controller for autonomous ground vehicle longitudinal dynamics /. <i>Applied sciences: Special issue: Advances in vehicle dynamics and road safety: Technologies, simulations and applications.</i> , vol. 13(iss. 1), p. 1-15. doi: 10.3390/app13010501	T 003 (100)	9.2.	VILNIUS TECH (1,561)
505.	VILNIUS TECH (0,2)	7724352	El Jaouhari, A., Arif, J., Samadhiya, A., Kumar, A., & Trinkūnas, V. (2023). Are we there or do we have more to do? Metaverse in facility management and future prospects /. <i>International journal of strategic property management.</i> , vol. 27(iss. 3), p. 159-175. doi: 10.3846/ijspm.2023.19516	T 002 (20)	9.2.	VILNIUS TECH (0,427)
506.	VILNIUS TECH (0,0625)	7724377	Genovese, J., Stručić, M., Serša, I., Novickij, V., Rocculi, P., & Miklavčič, D. et al. (2023). PEF treatment effect on plant tissues of heterogeneous structure no longer an enigma: MRI insights beyond the naked eye /. <i>Food chemistry.</i> , vol. 405(part A), p. 1-9. doi: 10.1016/j.foodchem.2022.134892	T 001 (70)	9.2.	VILNIUS TECH (1,216)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
507.	VILNIUS TECH (0,3333)	7724395	Ghasemi, M., Mousavi, S., Aramesh, S., Shahabi-Shahmiri, R., Zavadskas, E., & Antuchevičienė, J. (2023). A new approach for production project scheduling with time-cost-quality trade-off considering multi-mode resource-constraints under interval uncertainty /. <i>International journal of production research.</i> , vol. 61(iss. 9), p. 2962-2984. doi: 10.1080/00207543.2022.2074322	T 002 (70), T 007 (30)	9.2.	VILNIUS TECH (6,749)
508.	VILNIUS TECH (0,4)	7724414	Ghorbani, A., Hasanzadehshooili, H., Somti Foumani, M., Medzvieckas, J., & Kliukas, R. (2023). Liquefaction potential of saturated sand reinforced by cement-grouted micropiles: An evolutionary approach based on shaking table tests /. <i>Materials.</i> , vol. 16(iss. 6), p. 1-27. doi: 10.3390/ma16062194	T 002 (100)	9.2.	VILNIUS TECH (4,084)
509.	VILNIUS TECH (1)	7724427	Girskas, G., Pundienė, I., & Pranckevičienė, J. (2023). The effect of natural and synthesised zeolites on cement-based materials hydration and hardened state properties /. <i>Materials: Special issue: Concretes and cement-based composites: Additives/admixtures, hydration process and durability research.</i> , vol. 16(iss. 16), p. 1-19. doi: 10.3390/ma16165608	T 008 (100)	9.2.	VILNIUS TECH (5,895)
510.	VILNIUS TECH (0,25)	7724438	Górski, K., Smigins, R., Matijošius, J., & Tziourtzioumis, D. (2023). Cycle-to-cycle variation of the combustion process in a diesel engine fueled with rapeseed oil—diethyl ether blends /. <i>Energies: Bioenergy and Biofuels: Engines Efficiency and Sustainable Mobility.</i> , vol. 16(iss. 2), p. 1-17. doi: 10.3390/en16020720	T 003 (50), T 009 (50)	9.2.	VILNIUS TECH (2,522)
511.	VILNIUS TECH (1)	7724465	Griazev, K., & Ramanauskaitė, S. (2023). Web page content block identification with extended block properties /. <i>Applied sciences: Special issue: New horizons in web search, web data mining, and web-based applications.</i> , vol. 13(iss. 9), p. 1-16. doi: 10.3390/app13095680	T 007 (50)	9.2.	VILNIUS TECH (2,76)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
512.	VILNIUS TECH (0,6667)	7724477	Gribniak, V., Arnautov, A., & Rimkus, A. (2023). An innovative frictional anchorage system for flat CFRP ribbon strips /. <i>Composite structures.</i> , vol. 303, p. 1-9. doi: 10.1016/j.compstruct.2022.116369	T 002 (80), T 008 (20)	9.2.	VILNIUS TECH (11,404)
513.	VILNIUS TECH (1)	7725005	Gribniak, V., & Sokolov, A. (2023). Standardized RC beam tests for modeling the fiber bridging effect in SFRC /. <i>Construction and building materials.</i> , vol. 370, p. 1-13. doi: 10.1016/j.conbuildmat. 2023.130652	T 002 (50), T 008 (50)	9.2.	VILNIUS TECH (11,862)
514.	VILNIUS TECH (1)	7725044	Gurčinas, V., Dautartas, J., Janulevičius, J., Goranin, N., & Čenys, A. (2023). A deep-learning-based approach to keystroke-injection payload generation /. <i>Electronics: Special issue: Data driven security.</i> , vol. 12(iss. 13), p. 1-29. doi: 10.3390 /electronics12132894	T 001 (30), T 007 (70)	9.2.	VILNIUS TECH (6,384)
515.	VILNIUS TECH (1)	7725059	Gyamfi, N., Goranin, N., Čeponis, D., & Čenys, A. (2023). Automated system-level malware detection using machine learning: A comprehensive review /. <i>Applied sciences: Special issue: Security challenges for the internet of things and mobile networks.</i> , vol. 13(iss. 21), p. 1-23. doi: 10.3390/app132111908	T 007 (100)	9.2.	VILNIUS TECH (5,52)
516.	VILNIUS TECH (0,25)	7725070	Hajjami, L., Mellouli, E., Žuraulis, V., & Berrada, M. (2023). A novel robust adaptive neuro-sliding mode steering controller for autonomous ground vehicles /. <i>Robotics and autonomous systems.</i> , vol. 170, p. 1-16. doi: 10.1016/j.robot.2023.104557	T 003 (100)	9.2.	VILNIUS TECH (2,787)
517.	VILNIUS TECH (0,2)	7725091	Hall, A., Durdyev, S., Koc, K., Ekmekcioglu, O., & Tupėnaitė, L. (2023). Multi-criteria analysis of barriers to building information modeling (BIM) adoption for SMEs in New Zealand construction industry /. <i>Engineering construction and architectural management.</i> , vol. 30(iss. 9), p. 3798-3816. doi: 10.1108/ECAM- 03-2022-0215	T 002 (100)	9.2.	VILNIUS TECH (3,1)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
518.	VILNIUS TECH (0,3333)	7725106	Hashemkhani Zolfani, S., Hedayatnezhad Kashi, S., & Antuchevičienė, J. (2023). Evaluation of urban livability based on spatial distribution and functional radius of land uses /. <i>International journal of strategic property management.</i> , vol. 27 (iss. 6), p. 362-378. doi: 10.3846/ijspm.2023.20580	T 002 (20)	9.2.	VILNIUS TECH (0,616)
519.	VILNIUS TECH (0,2)	7725117	Hosseini Dolatabad, A., Heidary Dahooie, J., Antuchevičienė, J., Azari, M., & Razavi Hajiagha, S. (2023). Supplier selection in the industry 4.0 era by using a fuzzy cognitive map and hesitant fuzzy linguistic VIKOR methodology /. <i>Environmental science and pollution research: https://link.springer.com/article/10.1007/s11356-023-26004-6.</i> , vol. 30(iss. 18), p. 52923-52942. doi: 10.1007/s11356-023-26004-6	T 002 (50), T 007 (50)	9.00.	VILNIUS TECH (-)
520.	VILNIUS TECH (0,1111)	7725141	Huang, Z., Patel, B., Lu, W., Yang, T., Tung, W., & Bučinskas, V. et al. (2023). Yeast cell detection using fuzzy automatic contrast enhancement (FACE) and you only look once (YOLO) /. <i>Scientific reports.</i> , vol. 13(iss. 1), p. 1-16. doi: 10.1038/s41598-023-43452- 9	T 009 (100)	9.2.	VILNIUS TECH (1,656)
521.	VILNIUS TECH (0,1429)	7732056	Hurey, I., Maruschak, P., Augousti, A., Flowers, A., Gurey, V., & Dzyura, V. et al. (2023). Resistance to wear during friction without lubrication of steel-cast iron pairing with nanocrystalline structure-reinforced surface layers /. <i>Lubricants: Special issue: Frictional behavior and wear performance of cast irons.</i> , vol. 11 (iss. 10), p. 1-13. doi: 10.3390/lubricants11100418	T 003 (100)	9.2.	VILNIUS TECH (2,512)
522.	VILNIUS TECH (0,1429)	7732085	Ibrahim, M., Rassölkin, A., Vaimann, T., Kallaste, A., Zakis, J., & Hyunh, V. et al. (2023). Digital twin as a virtual sensor for wind turbine applications /. <i>Energies: Magnetic Field Computations and Energy Efficiency Studies in Electrical Machines.</i> , vol. 16(iss. 17), p. 1-12. doi: 10.3390/en16176246	T 001 (70), T 007 (30)	9.2.	VILNIUS TECH (1,441)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
523.	VILNIUS TECH (1)	7732123	Iljin, I., Stonkus, R., & Jasevičius, R. (2023). Investigation of changes in packaging properties of refrigerated food products /. <i>Sustainability: Sustainability and Security of Food Packaging.</i> , vol. 15(iss. 8), p. 1-20. doi: 10.3390/su15086669	T 008 (30), T 009 (70)	9.2.	VILNIUS TECH (6,447)
524.	VILNIUS TECH (1)	7732151	Indriūnas, S., Kliukas, R., & Juozapaitis, A. (2023). Behavioral analysis of a mast with a combined prestressed stayed columns system and core of a spun concrete circular cross-section /. <i>Buildings: Special issue: Advances in experimental and computational research on reinforced concrete.</i> , vol. 13(iss. 9), p. 1-15. doi: 10.3390/buildings13092175	T 002 (50), T 009 (50)	9.2.	VILNIUS TECH (6,652)
525.	VILNIUS TECH (1)	7732194	Ivaškė, A., Gribniak, V., Jakubovskis, R., & Urbonavičius, J. (2023). Bacterial viability in self-healing concrete: A case study of non- ureolytic bacillus species /. <i>Microorganisms.</i> , vol. 11(iss. 10), p. 1-16. doi: 10.3390/microorganisms11102402	T 005 (50), T 008 (50)	9.2.	VILNIUS TECH (8,674)
526.	VILNIUS TECH (0,125)	7732259	Ižvolt, L., Dobeš, P., Holešová, M., & Navikas, D. (2023). Assessment of the possibility of foam glass application in the sub- ballast layers /. <i>Journal of civil engineering and management.</i> , vol. 29(iss. 3), p. 253-267. doi: 10.3846/jcem.2023.18429	T 002 (40), T 003 (30), T 009 (30)	9.2.	VILNIUS TECH (1,563)
527.	VILNIUS TECH (1)	7732276	Jakubovskis, R. (2023). Concrete for living walls: Current status and a new design recommendation /. <i>Buildings: Special issue: Recent advances in sustainable low-carbon materials for green Concrete.</i> , vol. 13(iss. 12), p. 1-12. doi: 10.3390/buildings13123067	T 002 (50), T 008 (50)	9.2.	VILNIUS TECH (6,652)
528.	VILNIUS TECH (1)	7732391	Jakubovskis, R., Malaiškienė, J., & Gribniak, V. (2023). Bio- colonization layered concrete panel for greening vertical surfaces: A field study /. <i>Case studies in construction materials.</i> , vol. 19, p. 1-14. doi: 10.1016/j.cscm.2023.e02394	T 002 (50), T 008 (50)	9.2.	VILNIUS TECH (10,662)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
529.	VILNIUS TECH (1)	7732413	Januševičius, T., Šarko, J., & Mažeikienė, A. (2023). Phosphate adsorption from water and wastewater using non-devulcanised and devulcanised tyre rubber /. <i>Heliyon.</i> , vol. 9(iss. 9), p. 1-11. doi: 10.1016/j.heliyon.2023.e19776	T 004 (100)	9.2.	VILNIUS TECH (6,175)
530.	VILNIUS TECH (1)	7732424	Janutėnas, L., Janutėnaitė-Bogdanienė, J., & Šešok, D. (2023). Deep learning methods to detect image falsification /. <i>Applied sciences.</i> , vol. 13(iss. 13), p. 1-24. doi: 10.3390/app13137694	T 007 (50)	9.2.	VILNIUS TECH (2,76)
531.	VILNIUS TECH (1)	7732437	Jasevičius, R. (2023). Numerical modeling of red blood cell interaction mechanics /. <i>Mechanics of advanced materials and structures.</i> , vol. 30(iss. 12), p. 2524-2531. doi: 10.1080/15376494.2022.2058129	T 009 (100)	9.2.	VILNIUS TECH (7,019)
532.	VILNIUS TECH (1)	7732446	Jasevičius, R. (2023). Numerical modeling of thrombocyte interaction mechanics with a blood vessel wall /. <i>Mathematics: Special issue: Optimization and simulation in mechanical engineering and computer aided design.</i> , vol. 11(iss. 23), p. 1-15. doi: 10.3390/math11234814	T 009 (100)	9.2.	VILNIUS TECH (16,636)
533.	VILNIUS TECH (0,25)	7732638	Jiya, I., Salem, A., Van Khang, H., & Pomarnacki, R. (2023). Integrated multiport DC-DC and multilevel converters for multiple renewable energy source integration /. <i>IEEE Access.</i> , vol. 11, p. 132483-132495. doi: 10.1109/ACCESS.2023.3336567	T 001 (100)	9.2.	VILNIUS TECH (2,815)
534.	VILNIUS TECH (0,75)	7732653	Jočbalis, G., Kačianauskas, R., Borodinas, S., & Rojek, J. (2023). Comparative numerical study of rate-dependent continuum- based plasticity models for high-velocity impacts of copper particles against a substrate /. <i>International journal of impact engineering.</i> , vol. 172, p. 1-14. doi: 10.1016/j.ijimpeng.2022.104394	T 009 (100)	9.2.	VILNIUS TECH (11,87)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
535.	VILNIUS TECH (1)	7733386	Jokūbaitis, A., & Valivonis, J. (2023). Transfer length vs. slip of prestressed fiber-reinforced polymer reinforcement /. <i>Polymers: Special issue: Development in fiber-reinforced polymer composites.</i> , vol. 15(iss. 5), p. 1-27. doi: 10.3390/polym15051190	T 002 (100)	9.2.	VILNIUS TECH (8,854)
536.	VILNIUS TECH (0,1667)	7733437	Jovanović, S., Zavadskas, E., Stević, Ž., Marinković, M., Alrasheedi, A., & Badi, I. (2023). An intelligent fuzzy MCDM model based on D and Z numbers for paver selection: IMF D-SWARA— Fuzzy ARAS-Z model /. <i>Axioms: Swarm Intelligence with Mathematical Fuzzy Logic for Computer Science in Real-World Applications.</i> , vol. 12(iss. 6), p. 1-17. doi: 10.3390/axioms12060573	T 002 (40), T 007 (60)	9.2.	VILNIUS TECH (3,661)
537.	VILNIUS TECH (1)	7733476	Jurkonis, E., Stonkus, R., Iljin, I., & Jasevičius, R. (2023). Evaluation of fruit yield in automatic harvesting systems using mechanical vibration analysis /. <i>Mechanics of advanced materials and structures.</i> , vol. 00(iss. 00), p. 1-9. doi: 10.1080/15376494.2023.2170501	T 008 (20), T 009 (80)	9.2.	VILNIUS TECH (7,019)
538.	VILNIUS TECH (0,8)	7733496	Kairytė, A., Šeputytė-Jucikė, J., Członka, S., Vėjelis, S., & Vaitkus, S. (2023). Impact of different ratios of lignin waste and liquid glass on the performance characteristics of biopolyurethane foams /. <i>Polymers.</i> , vol. 15(iss. 4), p. 1-19. doi: 10.3390/polym15040818	T 002 (20), T 008 (80)	9.2.	VILNIUS TECH (10,017)
539.	VILNIUS TECH (1)	7733530	Kaklauskas, G., Sokolov, A., & Sakalauskas, K. (2023). Strain compliance crack model for RC beams: Primary versus secondary cracks /. <i>Engineering structures.</i> , vol. 281, p. 1-13. doi: 10.1016/j.engstruct.2023.115770	T 002 (100)	9.2.	VILNIUS TECH (10,909)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
540.	VILNIUS TECH (1)	7733615	Kalibatiėnė, D., & Miliauskaitė, J. (2023). An effect of user experience on a data-driven fuzzy inference of web service quality /. <i>International journal of computers communications &amp; control.</i> , vol. 18(iss. 4), p. 1-20. doi: 10.15837/ijccc.2023.4.5162	T 007 (100)	9.00.	VILNIUS TECH (–)
541.	VILNIUS TECH (1)	7733668	Kapustynskyi, O., & Višniakov, N. (2023). Effect of local laser treatment on the strengthening of thin-walled structures fabricated from non-alloy steel /. <i>Materials: Special issue: Recent advances in laser manufacturing of material science.</i> , vol. 16(iss. 13), p. 1-28. doi: 10.3390/ma16134555	T 008 (50), T 009 (50)	9.2.	VILNIUS TECH (5,896)
542.	VILNIUS TECH (0,3333)	7733753	Karami, S., Mousavi, S., & Antuchevičienė, J. (2023). Enhancing contractor selection process by a new interval-valued fuzzy decision-making model based on SWARA and CoCoSo methods /. <i>Axioms: Special issue: Editorial board members' collection series: Fuzzy modeling, optimization and computational intelligence.</i> , vol. 12(iss. 8), p. 1-21. doi: 10.3390/axioms12080729	T 002 (50), T 007 (50)	9.2.	VILNIUS TECH (4,63)
543.	VILNIUS TECH (1)	7733767	Karpenko, M., Skačkauskas, P., & Prentkovskis, O. (2023). Methodology for the composite tire numerical simulation based on the frequency response analysis /. <i>Eksploatacja i niezawodność = Maintenance and reliability.</i> , vol. 25(no. 2), p. 1- 11. doi: 10.17531/ein/163289	T 003 (100)	9.2.	VILNIUS TECH (6,813)
544.	VILNIUS TECH (0,2857)	7733778	Karpenko, M., Stosiak, M., Deptuła, A., Urbanowicz, K., Nugaras, J., & Królczyk, G. et al. (2023). Performance evaluation of extruded polystyrene foam for aerospace engineering applications using frequency analyses /. <i>The international journal of advanced manufacturing technology.</i> , vol. 126(iss. 11-12), p. 5515-5526. doi: 10.1007/s00170-023-11503-0	T 003 (100)	9.2.	VILNIUS TECH (3,489)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
545.	VILNIUS TECH (0,5)	7733793	Karpenko, M., Stosiak, M., Šukevičius, Š., Skačkauskas, P., Urbanowicz, K., & Deptuła, A. (2023). Hydrodynamic processes in angular fitting connections of a transport machine's hydraulic drive <i>/ Machines., vol. 11(iss. 3), p. 1-17. doi: 10.3390/machines11030355</i>	T 003 (100)	9.2.	VILNIUS TECH (5,717)
546.	VILNIUS TECH (0,125)	7733807	Kerche, E., Kairytė, A., Członka, S., da Silva, A., Tonatto, M., & Bresolin, F. et al. (2023). Optimization of pin position and angle for Z-pin-reinforced foam core sandwich structures <i>/ Materials: Special issue: Lightweight and high-strength sandwich panel., vol. 16(iss. 1), p. 1-14. doi: 10.3390/ma16010352</i>	T 002 (20), T 008 (80)	9.2.	VILNIUS TECH (1,805)
547.	VILNIUS TECH (0,1429)	7734056	Kerche, E., Kairytė, A., Członka, S., da Silva, V., Salles, N., & Schrekker, H. et al. (2023). Imidazolium ionic liquids as compatibilizer agents for microcrystalline cellulose/epoxy composites <i>/ Polymers: Special issue: Advanced polymers for pavement application., vol. 15(iss. 2), p. 1-18. doi: 10.3390/polym15020333</i>	T 002 (20), T 008 (80)	9.2.	VILNIUS TECH (2,191)
548.	VILNIUS TECH (0,1667)	7734094	Khan, M., Asad, B., Vaimann, T., Kallaste, A., Pomarnacki, R., & Hyunh, V. (2023). Improved fault classification and localization in power transmission networks using VAE-Generated synthetic data and machine learning algorithms <i>/ Machines: Special issue: Machine learning and artificial intelligence in machinery condition monitoring., vol. 11(iss. 10), p. 1-22. doi: 10.3390/machines11100963</i>	T 001 (90), T 007 (10)	9.2.	VILNIUS TECH (1,906)
549.	VILNIUS TECH (0,0833)	7734110	Khatua, D., Sekh, A., Kutum, R., Mukherji, M., Prasher, B., & Kar, S. (2023). Classification of Ayurveda constitution types: a deep learning approach <i>/ Soft computing., vol. 27(iss. 9), p. 5309- 5317. doi: 10.1007/s00500-023-07942-2</i>	T 007 (100)	9.2.	VILNIUS TECH (1,277)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
550.	VILNIUS TECH (1)	7734144	Khrystoslavenko, O., Astrauskas, T., & Grubliauskas, R. (2023). Sound absorption properties of charcoal made from wood waste / <i>Sustainability: Special issue: Efficient use and recovery of resources for the purpose of circular economy and sustainability.</i> , vol. 15(iss. 10), p. 1-13. doi: 10.3390/su15108196	T 004 (100)	9.2.	VILNIUS TECH (6,447)
551.	VILNIUS TECH (1)	7734173	Kilikevičienė, K., Chlebnikovas, A., Matijošius, J., & Kilikevičius, A. (2023). Investigation of the acoustic agglomeration on ultrafine particles chamber built into the exhaust system of an internal combustion engine from renewable fuel mixture and diesel / <i>Heliyon.</i> , vol. 9(iss. 6), p. 1-9. doi: 10.1016/j.heliyon.2023.e16737	T 009 (100)	9.2.	VILNIUS TECH (6,175)
552.	VILNIUS TECH (1)	7734193	Kilikevičius, A., Giedraitis, V., Kilikevičienė, K., Matijošius, J., Selech, J., & Buckiūnas, G. et al. (2023). Performance analysis of different gun silencers / <i>Applied sciences: Modelling, Simulation and Data Analysis in Acoustical Problems–Volume 3.</i> , vol. 13(iss. 7), p. 1-13. doi: 10.3390/app13074426	T 009 (100)	9.2.	VILNIUS TECH (5,52)
553.	VILNIUS TECH (0,6)	7734216	Kizinievič, O., Gencel, O., Kizinievič, V., Sutcu, M., & Škamat, J. (2023). Recycling of dolomite powder in clay bricks: Effects on characteristics and gas release / <i>Construction and bulding materials.</i> , vol. 404, p. 1-13. doi: 10.1016/j.conbuildmat.2023.133217	T 002 (20), T 004 (30), T 008 (50)	9.2.	VILNIUS TECH (12,326)
554.	VILNIUS TECH (1)	7734291	Kleizienė, R., Vaitkus, A., Zofka, A., & Simanavičienė, R. (2023). An alternative method for determination of compaction level for the pavement granular layers / <i>Road materials and pavement design.</i> , vol. 24(iss. 12), p. 3029-3045. doi: 10.1080/14680629.2023.2182128	T 002 (80)	9.2.	VILNIUS TECH (5,225)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
555.	VILNIUS TECH (0,3333)	7734314	Komasi, H., Nemati, A., Hashemkhani Zolfani, S., Kahvand, M., Antuchevičienė, J., & Šaparauskas, J. (2023). Assessing the environmental competitiveness of cities based on a novel MCDM approach / <i>Journal of competitiveness.</i> , vol. 15(iss. 2), p. 121- 150. doi: 10.7441/joc.2023.02.07	T 002 (80), T 007 (20)	9.2.	VILNIUS TECH (6,822)
556.	VILNIUS TECH (0,1429)	7734331	Konieczny, J., Labisz, K., Surma, S., Młyńczak, J., Łukasik, J., & Boris, R. et al. (2023). Hydrogen or electric drive—inconvenient (omitted) aspects :. <i>Energies: Special issue: Energy transformation from the perspectives of the individual citizen and the market.</i> , vol. 16(iss. 11), p. 1-22. doi: 10.3390/en16114400	T 008 (100)	9.2.	VILNIUS TECH (1,248)
557.	VILNIUS TECH (0,4)	7734426	Kontrimovičius, R., Juszczak, M., Leśniak, A., Ustinovičius, L., & Miedziatowski, C. (2023). Photogrammetry-based approach for collecting and processing information about an existing building / <i>Bulletin of the Polish Academy of Sciences: Technical Sciences.</i> , vol. 71(no. 1), p. 1-9. doi: 10.24425/bpasts.2023.144453	T 002 (100)	9.2.	VILNIUS TECH (3,204)
558.	VILNIUS TECH (0,5)	7734450	Kontrimovičius, R., & Ustinovichius, L. (2023). Bim-based prototype of a mathematical model of construction planning / <i>Journal of civil engineering and management.</i> , vol. 29(iss. 1), p. 1-14. doi: 10.3846/jcem.2023.18313	T 002 (70)	9.2.	VILNIUS TECH (4,376)
559.	VILNIUS TECH (0,5); KTU (0,25)	7734476	Kriptavičius, D., Girskas, G., Ivanauskas, E., & Korjakins, A. (2023). Complex effect of portland cement modified with natural zeolite and ground glass mixture on durability properties of concrete / <i>Buildings.</i> , vol. 13(iss. 10), p. 1-18. doi: 10.3390/buildings13102576	T 002 (30), T 008 (70)	9.2.	VILNIUS TECH (4,704); KTU (2,352)
560.	VILNIUS TECH (0,25)	7734498	Krishankumar, R., Mishra, A., Ravichandran, K., Kar, S., Gandomi, A., & Baušys, R. (2023). An integrated personalized decision approach with probabilistic linguistic context for grading restaurants in India / <i>Applied soft computing.</i> , vol. 136, p. 1-16. doi: 10.1016/j.asoc.2023.110089	T 007 (100)	9.2.	VILNIUS TECH (7,276)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
561.	VILNIUS TECH (0,1)	7734569	Kumar, M., Biswas, S., Kar, S., Božanić, D., & Puška, A. (2023). An interval type 2 fuzzy decision-making framework for exploring critical issues for the sustenance of the tea industry /. <i>Axioms.</i> , vol. 12(iss. 10), p. 1-23. doi: 10.3390/axioms12100986	T 007 (100)	9.2.	VILNIUS TECH (2,197)
562.	VILNIUS TECH (1)	7734607	Kundrotas, M., Janutėnaitė-Bogdaniienė, J., & Šešok, D. (2023). Two-step algorithm for license plate identification using deep neural networks /. <i>Applied sciences.</i> , vol. 13(iss. 8), p. 1-16. doi: 10.3390/app13084902	T 007 (50)	9.2.	VILNIUS TECH (2,76)
563.	VILNIUS TECH (1)	7734627	Kundrotas, M., Mažonienė, E., & Šešok, D. (2023). Automatic tumor identification from scans of histopathological tissues /. <i>Applied sciences: AI Technology in Medical Image Analysis.</i> , vol. 13(iss. 7), p. 1-18. doi: 10.3390/app13074333	T 007 (100)	9.2.	VILNIUS TECH (5,52)
564.	VILNIUS TECH (1)	7734638	Kurylets, A., & Goranin, N. (2023). Security ontology OntoSecRPA for robotic process automation domain /. <i>Applied sciences: Special issue: Recent advances in cybersecurity and computer networks.</i> , vol. 13(iss. 9), p. 1-23. doi: 10.3390/app13095568	T 007 (100)	9.2.	VILNIUS TECH (5,52)
565.	VILNIUS TECH (1)	7734648	Kvietkauskas, T., & Stefanovič, P. (2023). Influence of training parameters on real-time similar object detection using YOLOv5s /. <i>Applied sciences: Special issue: Deep learning in object detection and tracking.</i> , vol. 13(iss. 6), p. 1-15. doi: 10.3390/app13063761	T 007 (50)	9.2.	VILNIUS TECH (2,76)
566.	VILNIUS TECH (0,5)	7736932	Lakirouhani, A., Ghorbannezhad, S., Medzvieckas, J., & Kliukas, R. (2023). Failure analysis around oriented boreholes using an analytical model in different faulting stress regimes /. <i>Journal of civil engineering and management.</i> , vol. 29(iss. 4), p. 360-371. doi: 10.3846/jcem.2023.18854	T 002 (80), T 009 (20)	9.2.	VILNIUS TECH (6,251)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
567.	LSMU (0,7); KTU (0,1)	7737009	Bartkienė, E., Zokaitytė, E., Kentra, E., Starkutė, V., Klupšaitė, D., & Mockus, E. et al. (2023). Characterisation of Lacto-Fermented Cricket ( <i>Acheta domesticus</i> ) Flour and Its Influence on the Quality Parameters and Acrylamide Formation in Wheat Biscuits / Elena Bartkiene, Egle Zokaityte, Evaldas Kentra, Vytaute Starkute, Dovile Klupsaite, Ernestas Mockus, Gintare Zokaityte, Darius Cernauskas, João Miguel Rocha, Raquel P. F. Guiné. <i>Fermentation</i> , vol. 9(no. 2.), p. 1-21. doi: 10.3390/fermentation9020153	T 005 (20)	9.2.	LSMU (1,703); KTU (0,243)
568.	LSMU (0,6364); KTU (0,0909)	7737068	Bartkienė, E., Zokaitytė, E., Starkutė, V., Zokaitytė, G., Kaminskaitė, A., & Mockus, E. et al. (2023). Crickets ( <i>Acheta domesticus</i> ) as Wheat Bread Ingredient: Influence on Bread Quality and Safety Characteristics / Elena Bartkiene, Egle Zokaityte, Vytaute Starkute, Gintare Zokaityte, Aura Kaminskaite, Ernestas Mockus, Dovile Klupsaite, Darius Cernauskas, João Miguel Rocha, Fatih Özogul, Raquel P. F. Guiné. <i>Foods</i> , vol. 12(no. 2.), p. 1-21. doi: 10.3390/foods12020325	T 005 (10)	9.2.	LSMU (1,109); KTU (0,158)
569.	VILNIUS TECH (0,3)	7737344	Liao, H., He, Y., Wu, X., Wu, Z., & Baušys, R. (2023). Reimagining multi-criterion decision making by data-driven methods based on machine learning: A literature review /. <i>Information fusion.</i> , vol. 100, p. 1-20. doi: 10.1016/j.inffus.2023.101970	T 007 (100)	9.2.	VILNIUS TECH (10,406)
570.	VILNIUS TECH (0,375)	7737524	Liao, H., Qi, J., Li, X., & Baušys, R. (2023). Advances of probabilistic linguistic preference relations: A survey of theory and applications /. <i>International journal of fuzzy systems.</i> , vol. 25 (iss. 8), p. 3271-3292. doi: 10.1007/s40815-023-01584-0	T 007 (100)	9.2.	VILNIUS TECH (4,049)
571.	VILNIUS TECH (0,0833)	7737543	Li, H., Li, Y., Pan, Y., NG, P., Leung, C., & Zhao, X. (2023). Compressive properties of a novel slurry-infiltrated fiber concrete reinforced with arc-shaped steel fibers /. <i>Journal of Zhejiang University-science A.</i> , vol. 24(iss. 6), p. 543-556. doi: 10.1631/jzus.A2200405	T 002 (100)	9.2.	VILNIUS TECH (1,484)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
572.	VILNIUS TECH (0,0833)	7737571	Li, L., NG, P., Zeng, K., Xie, H., Cheng, C., & Kwan, A. (2023). Experimental study and modelling of fresh behaviours of basalt fibre-reinforced mortar based on average water film thickness and fibre factor /. <i>Materials.</i> , vol. 16(iss. 6), p. 1-17. doi: 10.3390/ma16062137	T 002 (100)	9.2.	VILNIUS TECH (1,099)
573.	VILNIUS TECH (0,75)	7738124	Lu, X., Kilikevičius, A., Yang, F., & Gurauskis, D. (2023). A method to improve mounting tolerance of open-type optical linear encoder /. <i>Sensors.</i> , vol. 23(iss. 4), p. 1-17. doi: 10.3390/s23041987	T 009 (100)	9.2.	VILNIUS TECH (10,223)
574.	VILNIUS TECH (0,8)	7738199	Mačiūnas, D., Nosewicz, S., Kačianauskas, R., Boris, R., & Stonys, R. (2023). Numerical simulation of thermal conductivity and thermal stress in lightweight refractory concrete with cenospheres /. <i>Materials: Special issue: Mechanics of materials— forming, characterization and analysis of residual stress.</i> , vol. 16 (iss. 1), p. 1-18. doi: 10.3390/ma16010190	T 007 (20), T 008 (30), T 009 (50)	9.2.	VILNIUS TECH (6,67)
575.	VILNIUS TECH (0,0714)	7738398	Majumder, S., Kutum, R., Khatua, D., Sekh, A., Kar, S., & Mukerji, M. et al. (2023). On intelligent Prakriti assessment in Ayurveda: a comparative study /. <i>Journal of intelligent &amp; fuzzy systems.</i> , vol. 45(iss. 6), p. 9827-9844. doi: 10.3233/JIFS-220990	T 007 (100)	9.2.	VILNIUS TECH (0,841)
576.	VILNIUS TECH (1)	7738461	Malaiškienė, J., Spudulis, E., & Stonys, R. (2023). The effect of milled municipal solid waste incineration bottom ash on cement hydration and mortar properties /. <i>Materials: Special issue: Concretes and cement-based composites: additives/admixtures, hydration process and durability research.</i> , vol. 16(iss. 6), p. 1- 14. doi: 10.3390/ma16062528	T 004 (50), T 008 (50)	9.2.	VILNIUS TECH (5,896)
577.	VILNIUS TECH (1)	7740420	Masėnas, J., Šalna, R., Juknevičius, L., & Valivonis, J. (2023). Analytical method and analysis of cold-joint interface /. <i>Applied sciences.</i> , vol. 13(iss. 7), p. 1-12. doi: 10.3390/app13074176	T 002 (100)	9.2.	VILNIUS TECH (5,52)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
578.	VILNIUS TECH (1)	7740432	Masėnas, V., Meškėnas, A., & Valivonis, J. (2023). Analysis of the bearing capacity of reinforced concrete dapped-end beams /. <i>Applied sciences: Special issue: Structural design and analysis for constructions and buildings.</i> , vol. 13(iss. 9), p. 1-15. doi: 10.3390/app13095228	T 002 (100)	9.2.	VILNIUS TECH (5,52)
579.	VILNIUS TECH (1)	7740519	Maskeliūnaitė, L., Meilus, L., & Sivilevičius, H. (2023). Application of expert evaluation methods in determining the significance of criteria for usability of railway traction rolling stock /. <i>Transport.</i> , vol. 38(iss. 2), p. 77-86. doi: 10.3846/transport.2023.19407	T 003 (100)	9.2.	VILNIUS TECH (3,978)
580.	VDU (1)	7740608	Šarauskius, E., Kazlauskas, M., Steponavičius, D., Romanekas, K., Bručienė, I., & Buragienė, S. et al. (2023). EP23175175.1 5B38. European Patent Office.	T 004 (90)	9.3.	VDU (9)
581.	VILNIUS TECH (0,4); KTU (0,2)	7740634	Maskeliūnas, R., Pomarnacki, R., Khang, V., Damaševičius, R., & Plonis, D. (2023). Power line monitoring through data integrity analysis with Q-learning based data analysis network /. <i>Remote sensing.</i> , vol. 15(iss. 1), p. 1-27. doi: 10.3390/rs15010194	T 001 (70), T 007 (30)	9.2.	VILNIUS TECH (5,784); KTU (2,893)
582.	VILNIUS TECH (0,75)	7740674	Matijošius, J., Čižiūnienė, K., Liebuviene, J., & Sokolovskij, E. (2023). Research determining the priority order of forces acting on a vehicle transporting logs /. <i>Applied sciences: Special issue: Advances in vehicle dynamics and road safety: technologies, simulations and applications.</i> , vol. 13(iss. 10), p. 1-15. doi: 10.3390/app13106174	T 003 (100)	9.2.	VILNIUS TECH (4,14)
583.	VILNIUS TECH (1)	7740750	Matuzevičius, D. (2023). Rulers2023: an annotated dataset of synthetic and real images for ruler detection using deep learning /. <i>Electronics: Special issue: Convolutional Neural Networks and Vision Applications - Volume III.</i> , vol. 12(iss. 24), p. 1-24. doi: 10.3390/electronics12244924	T 001 (50), T 007 (50)	9.2.	VILNIUS TECH (6,384)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
584.	VILNIUS TECH (1)	7740770	Mažeikienė, A., & Šarko, J. (2023). Additional treatment of nitrogen and phosphorus using natural materials in small-scale domestic wastewater treatment unit /. <i>Water.</i> , vol. 15(iss. 14), p. 1-11. doi: 10.3390/w15142607	T 004 (100)	9.2.	VILNIUS TECH (6,142)
585.	VILNIUS TECH (0,4)	7740821	Mohammadyari, F., Zarandian, A., Mirsanjari, M., Sužiedelytė Visockienė, J., & Tumelienė, E. (2023). Modelling impact of urban expansion on ecosystem services: A scenario-based approach in a mixed natural/urbanised landscape /. <i>Land: Special issue: Applying earth observation data for urban land-use change mapping.</i> , vol. 12(iss. 2), p. 1-24. doi: 10.3390/land12020291	T 004 (20), T 010 (80)	9.2.	VILNIUS TECH (4,995)
586.	VILNIUS TECH (0,1538)	7740845	Moumni, B., Achik, M., Benmoussa, H., Oulmekki, A., Touache, A., & El Moudden, N. et al. (2023). Recycling argan nut shell and wheat straw as a porous agent in the production of clay masonry units /. <i>Construction and building materials.</i> , vol. 384, p. 1-10. doi: 10.1016/j.conbuildmat.2023.131369	T 002 (10), T 004 (30), T 008 (60)	9.2.	VILNIUS TECH (4,08)
587.	LAMMC (0,2)	7741209	Andziukevičiūtė-Jankūnienė, A., Zasčiurinskaitė, U., Balčiūnaitienė, A., Viškelis, J., Adomavičiūtė, E., & Gaidau, C. et al. (2023). Investigation of electrospun keratin mats containing biosynthesized silver nanoparticles /. In <i>19th Nordic-Baltic conference on biomedical engineering and medical physics: proceedings of NBC 2023, June 12–14, 2023, Liepaja, Latvia / Yuri Dekhtyar, Inga Saknīte (eds.)</i> . (p. 63-71.). Cham: Springer.	T 008 (70)	9.00.	LAMMC (–)
588.	LSMU (0,6364); KTU (0,1818); LAMMC (0,0909)	7741296	Milerienė, J., Šernienė, L., Kasparavičienė, B., Laučienė, L., Kašėtienė, N., & Zakarienė, G. et al. (2023). Exploring the potential of sustainable acid whey cheese supplemented with apple pomace and GABA-producing indigenous <i>Lactococcus lactis</i> strain /. <i>Microorganisms.</i> , vol. 11(iss. 2), p. 1-18. doi: 10.3390/microorganisms11020436	T 005 (20)	9.2.	LSMU (1,561); KTU (0,446); LAMMC (0,223)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
589.	KTU (0,1875); LSMU (0,125)	7742567	Bradauskienė, V., Vaičiulytė-Funk, L., Martinaitienė, D., Andruškienė, J., Verma, A., & Lima, J. et al. (2023). Wheat consumption and prevalence of celiac disease: Correlation from a multilevel analysis / Vijole Bradauskiene, Lina Vaiciulyte-Funk, Dalia Martinaitiene, Jurgita Andruskiene, Anil K Verma, João P M Lima, Yeliz Serin, Carlo Catassi. <i>Critical reviews in food science and nutrition</i> , vol. 63(no. 1.), p. 18-32. doi: 10.1080/10408398.2021.1939650	T 005 (70)	9.2.	KTU (5); LSMU (3,334)
590.	VDU (0,25)	7743197	Katinas, E., Antonov, M., Jankauskas, V., & Goljandin, D. (2023). Effect of local remelting and recycled WC-Co composite reinforcement size on abrasive and erosive wear of manual arc welded hardfacings. <i>Coatings</i> , 13(4), 1-20. doi: 10.3390/coatings13040734	T 009 (100)	9.2.	VDU (2,491)
591.	VDU (0,25)	7743280	Lavrys, S., Pohrelyuk, I., Padgurskas, J., & Shliakhetka, K. (2023). Improving wear resistance of highly porous titanium by surface engineering methods. <i>Coatings</i> , 13(10), 1-14. doi: 10.3390/coatings13101714	T 009 (100)	9.2.	VDU (2,876)
592.	VDU (0,125)	7743469	Mihailov, V., Kazak, N., Ivashcu, S., Ovchinnikov, E., Baci, C., & Ianachevici, A. et al. (2023). Synthesis of multicomponent coatings by electrospark alloying with powder materials. <i>Coatings</i> , 13(3), 1-14. doi: 10.3390/coatings13030651	T 009 (100)	9.2.	VDU (1,438)
593.	VDU (0,1)	7743653	Mykhailo, S., Iryna, P., Padgurskas, J., Posuvailo, V., Hvozdets'kyi, V., & Zadorozhna, K. et al. (2023). Influence of plasma electrolytic oxidation of cast Al-Si alloys on their phase composition and abrasive wear resistance. <i>Coatings</i> , 13(3), 1-20. doi: 10.3390/coatings13030637	T 009 (100)	9.2.	VDU (0,996)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
594.	VDU (0,7778)	7744323	Padgurskas, J., Johns, E., Radulescu, I., Radulescu, A., Rukuiža, R., & Snitka, V. et al. (2023). Tribological study of beeswax- thickened biogrease and its modification with carbon nanoparticles. <i>Tribology international</i> , (184), 1-11. doi: 10.1016/j.triboint.2023.108465	T 009 (100)	9.2.	VDU (14,894)
595.	KU (1)	7744621	Paulauskienė, T., & Kataržytė, M. (2023). <i>European Patent No. EP EP3865460</i> . European Patent Office: European Patent Office.	T 005 (50)	9.4.	KU (7,5)
596.	VDU (0,125)	7744726	Student, M., Pohrelyuk, I., Padgurskas, J., Hvozdet's'kyi, V., Zadorozna, K., & Chumalo, H. et al. (2023). The effect of heat treatment on the structural-phase state and abrasive wear resistance of a hard-anodized layer on aluminum alloy 1011. <i>Coatings</i> , 13(2), 1-20. doi: 10.3390/coatings13020391	T 009 (100)	9.2.	VDU (1,017)
597.	VDU (0,2222)	7744785	Student, M., Pohrelyuk, I., Padgurskas, J., Rukuiža, R., Hvozdet's'kyi, V., & Zadorozhna, V. et al. (2023). Abrasive wear resistance and tribological characteristics of pulsed hard anodized layers on aluminum alloy 1011 in tribocontact with steel and ceramics in various lubricants. <i>Coatings</i> , 13(11), 1-28. doi: 10.3390 /coatings13111883	T 009 (100)	9.2.	VDU (1,808)
598.	KU (1)	7744886	Didžiokas, R., Lukošius, Ž., Andziulis, A., Janutėnienė, J., & Kurmis, M. (2023). <i>European Patent No. EP 4190605</i> . European Patent Office: European Patent Office.	T 007 (50), T 009 (50)	9.4.	KU (15)
599.	KU (0,8)	7745119	Jakovlev, S., Eglynas, T., Jankūnas, V., Jusis, M., & Voznak, M. (2023). <i>European Patent application EP 23160220.2</i> . European Patent Office.	T 007 (100)	9.00.	KU (–)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
600.	VILNIUS TECH (1)	7747392	Nagročkienė, D., Pundienė, I., Kanapeckienė, L., & Jarmolajeva, E. (2023). The impact of high-alkali biofuel fly ash on the sustainability parameters of concrete /. <i>Buildings: Special issue: Developments in sustainable buildings.</i> , vol. 13(iss. 12), p. 1-21. doi: 10.3390/buildings13123015	T 002 (50), T 008 (50)	9.2.	VILNIUS TECH (6,652)
601.	VILNIUS TECH (1)	7747425	Naimušin, A., & Januševičius, T. (2023). Development and research of recyclable composite metamaterial structures made of plastic and rubber waste to reduce indoor noise and reverberation /. <i>Sustainability: Sustainable Building Design, Technological Innovation and Green Project Management.</i> , vol. 15(iss. 2), p. 1-26. doi: 10.3390/su15021731	T 004 (100)	9.2.	VILNIUS TECH (6,447)
602.	VILNIUS TECH (1)	7747455	Navakauskas, D., & Kazlauskas, M. (2023). Fog computing in healthcare: Systematic review /. <i>Informatica.</i> , vol. 34(iss. 3), p. 577-602. doi: 10.15388/23-INFOR525	T 001 (50), T 007 (50)	9.2.	VILNIUS TECH (12,354)
603.	VILNIUS TECH (0,0909)	7747467	Nikonova, T., Gierz, Ł., Berg, A., Turla, V., Warguła, Ł., & Yurchenko, V. et al. (2023). Comparative analysis of strength fatigue properties and abrasive wear resistance for a new composition of polymer concrete coated with metal alloy powders /. <i>Coatings: Special issue: Smart coatings.</i> , vol. 13(iss. 3), p. 1-18. doi: 10.3390/coatings13030586	T 009 (100)	9.2.	VILNIUS TECH (0,906)
604.	VILNIUS TECH (0,3333)	7747486	Oskars, V., Janis, A., Subačiūtė-Žemaitienė, J., Bučinskas, V., Dzedzickis, A., & Brijesh, P. et al. (2023). A vision-based micro-manipulation system /. <i>Applied sciences: Special issue: Computer vision in mechatronics technology.</i> , vol. 13(iss. 24), p. 1-19. doi: 10.3390/app132413248	T 009 (100)	9.2.	VILNIUS TECH (3,187)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
605.	VILNIUS TECH (0,4)	7747530	Pauk, J., Daunoravičienė, K., Žižienė, J., Minta-Bielecka, K., & Dzieciol-Anikiej, Z. (2023). Classification of muscle activity patterns in healthy children using biclustering algorithm /. <i>Biomedical signal processing and control.</i> , vol. 84, p. 1-10. doi: 10.1016/j.bspc.2023.104731	T 009 (100)	9.2.	VILNIUS TECH (6,138)
606.	VILNIUS TECH (1)	7747579	Petronienė, J., Dzedzickis, A., Morkvėnaitė-Vilkončienė, I., & Bučinskas, V. (2023). Flexible strain sensors: Recent progress 2016-2023 /. <i>Sensors and actuators A: Physical.</i> , vol. 366, p. 1- 19. doi: 10.1016/j.sna.2023.114950	T 009 (100)	9.2.	VILNIUS TECH (9,097)
607.	VILNIUS TECH (1)	7747591	Petrovas, A., Baušys, R., & Zavadskas, E. (2023). Gestalt principles governed fitness function for genetic pythagorean neutrosophic WASPAS game scene generation /. <i>International journal of computers communications &amp; control (IJCCC).</i> , vol. 18 (iss. 4), p. 1-20. doi: 10.15837/ijccc.2023.4.5475	T 007 (100)	9.2.	VILNIUS TECH (5,475)
608.	VILNIUS TECH (0,875)	7747602	Petuchova, A., Maknickas, A., Kostenko, E., & Stonkus, R. (2023). Experimental and theoretical investigation of aortic wall tissue in tensile tests /. <i>Technology and health care: Selected papers from the 14th international conference BIOMDLORE 2023.</i> , vol. 31(iss. 6), p. 2411-2421. doi: 10.3233/THC-235007	T 009 (100)	9.2.	VILNIUS TECH (4,139)
609.	VILNIUS TECH (0,0556)	7747618	Pieniak, D., Jedut, R., Gil, L., Kupicz, W., Borucka, A., & Selech, J. et al. (2023). Comparative evaluation of the tribological properties of polymer materials with similar shore hardness working in metal–polymer friction systems /. <i>Materials: Research about Friction and Wear Modeling for Materials.</i> , vol. 16(iss. 2), p. 1-20. doi: 10.3390/ma16020573	T 009 (100)	9.2.	VILNIUS TECH (0,926)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
610.	VILNIUS TECH (1)	7747692	Pocius, E., Nagrockienė, D., & Pundienė, I. (2023). The influence of concrete sludge from residual concrete on fresh and hardened cement paste properties /. <i>Materials: Special issue: Concretes and cement-based composites: additives/admixtures, hydration process and durability research</i> ., vol. 16(iss. 6), p. 1-14. doi: 10.3390/ma16062531	T 008 (100)	9.2.	VILNIUS TECH (5,895)
611.	VILNIUS TECH (1)	7747707	Pranckevičienė, J., & Pundienė, I. (2023). Effect of mechanically activated nepheline-syenite additive on the physical–mechanical properties and frost resistance of ceramic materials composed of illite clay and mineral wool waste /. <i>Materials: Trends in the Development of Building Materials with Recycled Waste.</i> , vol. 16 (iss. 14), p. 1-20. doi: 10.3390/ma16144943	T 008 (100)	9.2.	VILNIUS TECH (5,895)
612.	VILNIUS TECH (0,0625)	7747747	Przystupa, K., Chornodolskyy, Y., Selech, J., Karnaushenko, V., Demkiv, T., & Kochan, O. et al. (2023). The influence of halide ion substitution on energy structure and luminescence efficiency in CeBr2I and CeBrI2 crystals /. <i>Materials.</i> , vol. 16(iss. 14), p. 1-12. doi: 10.3390/ma16145085	T 009 (100)	9.2.	VILNIUS TECH (0,903)
613.	VILNIUS TECH (1)	7747948	Pundienė, I., & Pranckevičienė, J. (2023). The role of MWCNTs in enhancing the foam stability and rheological behavior of cement pastes that contain air-entraining and superplasticizer admixtures /. <i>Nanomaterials.</i> , vol. 13(iss. 24), p. 1-22. doi: 10.3390/nano13243095	T 008 (100)	9.2.	VILNIUS TECH (7,221)
614.	KU (1)	7747996	Drungilas, D., Lukošius, Ž., & Kurmis, M. (2023). <i>European Patent application EP 23208820.3</i> . European Patent Office.	T 007 (100)	9.3.	KU (–)
615.	VILNIUS TECH (0,25)	7748099	Rashidi, A., Tamošaitienė, J., Ravanshadnia, M., & Sarvari, H. (2023). A scientometric analysis of construction bidding research activities /. <i>Buildings: Special issue: Costs and cost analysis in construction project management.</i> , vol. 13(iss. 1), p. 1-17. doi: 10.3390/buildings13010220	T 002 (100)	9.2.	VILNIUS TECH (2,881)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
616.	VILNIUS TECH (0,2)	7748119	Ratov, B., Rucki, M., Fedorov, B., Hevorkian, E., Siemiatkowski, Z., & Muratova, S. et al. (2023). Calculations on enhancement of polycrystalline diamond bits through addition of superhard diamond-reinforced elements / <i>Machines: Cutting Tools: Materials, Development and Performance.</i> , vol. 11(iss. 4), p. 1- 15. doi: 10.3390/machines11040453	T 009 (100)	9.2.	VILNIUS TECH (2,557)
617.	VILNIUS TECH (0,25)	7749910	Riaz, M., Athar Farid, H., Antuchevičienė, J., & Demir, G. (2023). Efficient decision making for sustainable energy using single- valued neutrosophic prioritized interactive aggregation operators / <i>Mathematics: Special issue: Dynamics under uncertainty: Modeling simulation and complexity II.</i> , vol. 11(iss. 9), p. 1-29. doi: 10.3390/math11092186	T 002 (30), T 006 (30), T 007 (40)	9.2.	VILNIUS TECH (7,204)
618.	VILNIUS TECH (1)	7749928	Rimkienė, A., Vėjelis, S., Kremensas, A., Vaitkus, S., & Kairytė, A. (2023). Development of high strength particleboards from hemp shives and corn starch / <i>Materials: Bio-Based Plastics and Biocomposite Materials.</i> , vol. 16(iss. 14), p. 1-19. doi: 10.3390/ma16145003	T 008 (100)	9.2.	VILNIUS TECH (5,895)
619.	VILNIUS TECH (0,6667)	7749941	Rimkus, A., Mejeras, G., & Matijošius, J. (2023). The influence of hydrogen and oxygen (HHO) gas on engine characteristics under the effect of the lean mixtures of gasoline and bioethanol / <i>International journal of hydrogen energy.</i> , vol. 48(iss. 99), p. 39612-39624. doi: 10.1016/j.ijhydene.2023.07.167	T 003 (100)	9.2.	VILNIUS TECH (6,836)
620.	VILNIUS TECH (1)	7749952	Ružickij, R., Kizinievič, O., Grubliauskas, R., & Astrauskas, T. (2023). Development of composite acoustic panels of waste tyre textile fibres and paper sludge / <i>Sustainability: Special issue: Efficient use and recovery of resources for the purpose of circular economy and sustainability.</i> , vol. 15(iss. 3), p. 1-20. doi: 10.3390/su15032799	T 004 (100)	9.2.	VILNIUS TECH (6,447)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
621.	VILNIUS TECH (1)	7749964	Sakalauskas, K., & Kaklauskas, G. (2023). Pure shear model for crack width analysis of reinforced concrete members /. <i>Scientific reports.</i> , vol. 13(iss. 1), p. 1-10. doi: 10.1038/s41598-023-41080- x	T 002 (100)	9.2.	VILNIUS TECH (6,667)
622.	KU (1)	7749996	Šilas, G., Rapalis, P., & Lebedevas, S. (2023). Particulate Matter (PM1, 2.5, 10) Concentration Prediction in Ship Exhaust Gas Plume through an Artificial Neural Network. <i>Journal of marine science and engineering</i> , Vol. 11, Iss. 1, Art. No. 150, p. 1-11. doi: <a href="https://doi.org/10.3390/jmse11010150">https://doi.org/10.3390/jmse11010150</a>	T 003 (100)	9.2.	KU (7,992)
623.	KU (0,6667)	7750016	Lebedevas, S., Žaglinskis, J., & Drazdauskas, M. (2023). Development and validation of heat release characteristics identification method of diesel engine under operating conditions. <i>Journal of marine science and engineering</i> , Vol. 11, Iss. 1, Art. No. 182, p. 1-22. doi: <a href="https://doi.org/10.3390/jmse11010182">https://doi.org/10.3390/jmse11010182</a>	T 003 (100)	9.2.	KU (5,328)
624.	LSMU (0,75); KTU (0,25)	7750897	Juknienė, I., Zaborskienė, G., Jankauskienė, A., & Mačionienė, I. (2023). Antimicrobial and Antioxidant Properties of Bovine Livers and Hearts Hydrolysates. <i>Applied Sciences</i> , 13(24), 1-13. doi: 10.3390/app132413142	T 005 (30)	9.2.	LSMU (1,242); KTU (0,414)
625.	KU (0,8333); KTU (0,1667)	7750917	Lebedevas, S., Raslavičius, L., & Drazdauskas, M. (2023). Comprehensive correlation for the prediction of the heat release characteristics of diesel/CNG mixtures in a single-zone combustion model. <i>Sustainability</i> , Vol. 15, Iss. 4, Art. No. 3722, p. 1-21. doi: <a href="https://doi.org/10.3390/su15043722">https://doi.org/10.3390/su15043722</a>	T 003 (100)	9.2.	KU (5,373); KTU (1,075)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
626.	KU (0,6667)	7750961	Jakovlev, S., Eglynas, T., Jusis, M., Voznak, M., Partila, P., & Tovarek, J. (2023). Detecting physical impacts to the corners of shipping containers during handling operations performed by quay cranes. <i>Journal of marine science and engineering</i> , Vol. 11, Iss. 4, Art. No. 794, p. 1-19. doi: <a href="https://doi.org/10.3390/jmse11040794">https://doi.org/10.3390/jmse11040794</a>	T 003 (20), T 007 (80)	9.2.	KU (7,535)
627.	KU (0,6667)	7750999	Paulauskas, V., Paulauskas, D., & Paulauskas, V. (2023). Impact of Port Clearance on Ships Safety, Energy Consumption and Emissions. <i>Applied Sciences</i> , Vol. 13, Iss. 9, Art. No. 5582, p. 1-21. doi: <a href="https://doi.org/10.3390/app13095582">https://doi.org/10.3390/app13095582</a>	T 003 (100)	9.2.	KU (3,68)
628.	KU (0,7143)	7751027	Jakovlev, S., Eglynas, T., Jankūnas, V., Voznak, M., Jusis, M., & Partila, P. et al. (2023). Statistical evaluation of the Impacts Detection Methodology (IDM) to detect critical damage occurrences during quay cranes handling operations. <i>Machines</i> , Vol. 11, Iss. 6, Art. No. 638, p. 1-13. doi: <a href="https://doi.org/10.3390/machines11060638">https://doi.org/10.3390/machines11060638</a>	T 001 (10), T 003 (10), T 007 (80)	9.2.	KU (5,774)
629.	KU (0,8333)	7751063	Paulauskas, V., Filina-Dawidowicz, L., & Paulauskas, D. (2023). Navigation Safety on Shipping Routes during Construction. <i>Applied Sciences</i> , Vol. 13, Iss. 15, Art. No. 8593, p. 1-19. doi: <a href="https://doi.org/10.3390/app13158593">https://doi.org/10.3390/app13158593</a>	T 003 (100)	9.2.	KU (6,506)
630.	KU (0,125)	7751129	Jang, H., Mujeeb-Ahmed, M., Wang, H., Park, C., Hwang, I., & Jeong, B. et al. (2023). Regulatory gap analysis for risk assessment of ammonia-fuelled ships. <i>Ocean engineering</i> , Vol. 287, Part 2, Art. No. 115751, p. 1-25. doi: <a href="https://doi.org/10.1016/j.oceaneng.2023.115751">https://doi.org/10.1016/j.oceaneng.2023.115751</a>	T 003 (100)	9.2.	KU (2,599)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
631.	KU (1)	7751154	Paulauskas, V., Senčila, V., Paulauskas, D., & Simutis, M. (2023). Impact of Port Shallowness (Clearance under the Ship's Keel) on Shipping Safety, Energy Consumption and Sustainability of Green Ports. <i>Sustainability</i> , Vol. 15, Iss. 22, Art. No. 15802, p. 1-20. doi: <a href="https://doi.org/10.3390/su152215802">https://doi.org/10.3390/su152215802</a>	T 003 (90), T 009 (10)	9.2.	KU (6,448)
632.	KU (0,5); KTU (0,1)	7751203	Lebedevas, S., Klyus, O., Raslavičius, L., Krause, P., & Rapalis, P. (2023). Findings on droplet breakup behavior of the preheated microalgae oil jet for efficiency improvement in diesel engines. <i>Biomass Conversion and Biorefinery</i> , Vol. 13, Iss. 18, p. 17075- 17086. doi: <a href="https://doi.org/10.1007/s13399-021-02162-w">https://doi.org/10.1007/s13399-021-02162-w</a>	T 003 (100)	9.2.	KU (4,022); KTU (0,804)
633.	KU (1)	7751294	Paulauskienė, T., Sirtautė, E., & Uebe, J. (2023). Cellulose Aerogel Made from Paper and Hemp Waste Added with Starch for the Sorption of Oil. <i>Journal of Marine Science and Engineering</i> , Vol. 11, Iss. 7, Art. No. 1343, p. 1-11. doi: <a href="https://doi.org/10.3390/jmse11071343">https://doi.org/10.3390/jmse11071343</a>	T 005 (100)	9.2.	KU (7,992)
634.	KTU (0,5); LSMU (0,5)	7751382	Kairys, A., Pauliukienė, R., Raudonis, V., & Čeponis, J. (2023). Towards Home-Based Diabetic Foot Ulcer Monitoring: A Systematic Review : review / Arturas Kairys, Renata Pauliukiene, Vidas Raudonis, Jonas Ceponis. <i>Sensors</i> , vol. 23(no. 7.), p. 1-29. doi: 10.3390/s23073618	T 001 (20), T 007 (30)	9.2.	KTU (1,967); LSMU (1,967)
635.	KU (0,9167)	7751441	Paulauskienė, T., Uebe, J., Kryževičius, Ž., Kataržytė, M., Overlingė, D., & Shevchenko, L. (2023). Sorption and Removal of Petroleum Hydrocarbons from Brackish Water by Hydrophobic Sorbents Immobilized with Fungi. <i>Journal of Marine Science and Engineering</i> , Vol. 11, Iss. 7, Art. No. 1283, p. 1-13. doi: <a href="https://doi.org/10.3390/jmse11071283">https://doi.org/10.3390/jmse11071283</a>	T 005 (70)	9.2.	KU (7,253)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
636.	KU (0,1667)	7751457	Bumajdad, A., Hossain Khan, M., & Lukaszewicz, J. (2023). Nitrogen-enriched activated carbon derived from plant biomasses: a review on reaction mechanism and applications in wastewater treatment. <i>Frontiers in Materials</i> , Vol. 10, p. 1-25. doi: <a href="https://doi.org/10.3389/fmats.2023.1218028">https://doi.org/10.3389/fmats.2023.1218028</a>	T 005 (100)	9.2.	KU (1,499)
637.	KU (0,9444)	7751467	Drungilas, D., Kurmis, M., Senulis, A., Lukošius, Ž., Andziulis, A., & Janutėnienė, J. et al. (2023). Deep reinforcement learning based optimization of automated guided vehicle time and energy consumption in a container terminal. <i>Alexandria engineering journal</i> , Vol. 67, p. 397-407. doi: <a href="https://doi.org/10.1016/j.aej.2022.12.057">https://doi.org/10.1016/j.aej.2022.12.057</a>	T 001 (20), T 007 (80)	9.2.	KU (20,786)
638.	VILNIUS TECH (0,5)	7751582	Salimian, S., Mousavi, S., Tupėnaitė, L., & Antucevičienė, J. (2023). An integrated multi-criteria decision model to select sustainable construction projects under intuitionistic fuzzy conditions / <i>Buildings: Special issue: Intelligent multi-criteria decision-making methodologies in building and construction management.</i> , vol. 13(iss. 4), p. 1-21. doi: 10.3390/buildings13040848	T 002 (100)	9.2.	VILNIUS TECH (4,704)
639.	KU (1)	7751619	Drungilas, D., Kurmis, M., Tadžijėvas, A., Lukošius, Ž., Martinkėnas, A., & Didžiokas, R. et al. (2023). Evaluating the impact of 222 nm far-UVC radiation on the aesthetic and mechanical properties of materials used in public bus interiors. <i>Applied sciences</i> , Vol. 13, Iss. 7, Art. No. 4141, p. 1-18. doi: <a href="https://doi.org/10.3390/app13074141">https://doi.org/10.3390/app13074141</a>	T 007 (50), T 009 (50)	9.2.	KU (5,52)
640.	VILNIUS TECH (0,3333)	7751670	Sedighian-Fard, M., Solatifar, N., & Sivilevičius, H. (2023). Calibration of regression-based models for prediction of temperature profile of asphalt layers using LTPP data / <i>Journal of civil engineering and management.</i> , vol. 29(iss. 4), p. 329-341. doi: 10.3846/jcem.2023.18611	T 002 (40), T 003 (40)	9.2.	VILNIUS TECH (3,334)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formaliųjų vertė, taškai <sup>5</sup>
641.	VILNIUS TECH (0,3333)	7751684	Selech, J., Majchrzycki, W., & Ulbrich, D. (2023). Field and laboratory wear tests of machine components used for renovation of dirt roads—A case study / <i>Materials: Research on Tribology and Anti-wear Behavior of Metals and Alloys.</i> , vol. 16 (iss. 18), p. 1-17. doi: 10.3390/ma16186180	T 009 (100)	9.2.	VILNIUS TECH (2,779)
642.	VILNIUS TECH (0,1111)	7751695	Senanayake, A., Samarakkody, A., Malalgoda, C., Amaratunga, D., Haigh, R., & Liyanage, C. et al. (2023). Towards an inclusive disaster education: The state of online disaster education from the learner's perspective / <i>Sustainability.</i> , vol. 15(iss. 14), p. 1- 17. doi: 10.3390/su151411042			VILNIUS TECH (ks)
643.	VILNIUS TECH (1)	7751712	Senvaitis, K., & Daunoravičienė, K. (2023). Skeletal modeling in Rhino Grasshopper—a confirmed kinematic model / <i>Machines.</i> , vol. 11(iss. 5), p. 1-15. doi: 10.3390/machines11050556	T 009 (100)	9.2.	VILNIUS TECH (5,717)
644.	VILNIUS TECH (1)	7751746	Šeputytė-Jucikė, J., Vėjelis, S., Kizinievič, V., Kairytė, A., & Vaitkus, S. (2023). The effect of expanded glass and crushed expanded polystyrene on the performance characteristics of lightweight concrete / <i>Applied sciences: Special issue: Sustainable concrete materials and resilient structures.</i> , vol. 13 (iss. 7), p. 1-20. doi: 10.3390/app13074188	T 002 (10), T 004 (10), T 008 (80)	9.2.	VILNIUS TECH (5,52)
645.	VILNIUS TECH (1)	7751772	Šernas, O., Vaitkus, A., Kilaitė, D., & Škuldeckė, J. (2023). The effect of the crumb rubber type and amount on dry process modified asphalt mixture and on low-temperature cracking and high-temperature rutting / <i>International journal of pavement engineering.</i> , vol. 24(iss. 1), p. 1-14. doi: 10.1080/10298436.2023.2259574	T 002 (100)	9.2.	VILNIUS TECH (7,388)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
646.	VILNIUS TECH (1)	7751784	Šernas, O., Vaitkus, A., & Škuldeckė, J. (2023). Performance of crumb rubber bitumen and asphalt modified in the wet process alone and in combination with SBS polymer /. <i>Road materials and pavement design: EATA 2023 Gdansk.</i> , vol. 24(iss. suppl. 1), p. 107-123. doi: 10.1080/14680629.2023.2180294	T 002 (100)	9.2.	VILNIUS TECH (6,531)
647.	VILNIUS TECH (1)	7751795	Sielskaitė, Š., & Kalibatienė, D. (2023). On fuzzy and case-based dynamic software development process modeling and simulation approach /. <i>Applied sciences.</i> , vol. 13(iss. 11), p. 1-24. doi: 10.3390/app13116603	T 007 (100)	9.2.	VILNIUS TECH (5,52)
648.	VILNIUS TECH (1)	7751805	Sivilevičius, H., & Martišius, M. (2023). The significance of the factors increasing the asphalt pavement recycling rate in the country, determined using multiple-criteria decision-making methods /. <i>Applied sciences.</i> , vol. 13(iss. 22), p. 1-24. doi: 10.3390/app132212226	T 002 (20), T 003 (80)	9.2.	VILNIUS TECH (5,52)
649.	VILNIUS TECH (1)	7751822	Škamat, J., Lebedev, A., Černašėjus, O., & Stonys, R. (2023). Effect of thermochemical boronizing of alumina surface on the borate crystals growth and interaction with nickel and nickel alloy /. <i>Crystals: Special issue: Metal matrix composite materials and coatings.</i> , vol. 13(iss. 1), p. 1-13. doi: 10.3390/cryst13010004	T 008 (100)	9.2.	VILNIUS TECH (5,275)
650.	VILNIUS TECH (0,75); LSMU (0,25)	7751834	Skeivalas, J., Paršeliūnas, E., Paršeliūnas, A., & Šlikas, D. (2023). Analysis of results of digital electroencephalography and digital vectors of Coronavirus images upon applying the theory of covariance functions /. <i>Symmetry.</i> , vol. 15(iss. 7), p. 1-12. doi: 10.3390/sym15071330	T 010 (70)	9.2.	VILNIUS TECH (2,468); LSMU (0,823)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
651.	KU (1)	7751865	Gruodė, J., Martinkėnas, A., Kurmis, M., Drungilas, D., Lukošius, Ž., & Tadžijėvas, A. et al. (2023). RT-qPCR-Based Assessment of the Efficacy of 222 nm UVC Irradiation in Reducing SARS-CoV-2 Surface Contamination. <i>Sensors, Vol. 23, Iss. 13, Art. No. 6129</i> , p. 1-10. doi: <a href="https://doi.org/10.3390/s23136129">https://doi.org/10.3390/s23136129</a>	T 007 (60), T 009 (40)	9.2.	KU (7,87)
652.	KU (1)	7751885	Drungilas, D., Kurmis, M., Tadžijėvas, A., Lukošius, Ž., Šapalas, D., & Jankūnas, V. et al. (2023). Development of Far-UVC-Based Surface Disinfection Prototype for Public Buses. <i>Applied Sciences, Vol. 13, Iss. 14, Art. No. 8501</i> , p. 1-15. doi: <a href="https://doi.org/10.3390/app13148501">https://doi.org/10.3390/app13148501</a>	T 001 (10), T 007 (50), T 009 (40)	9.2.	KU (5,52)
653.	VILNIUS TECH (1)	7751936	Skeivalas, J., & Turla, V. (2023). The predictive model for identifying the parameters of the feather vector of Milky Way galaxy strands through applying the theory of covariance functions /. <i>Indian journal of physics., vol. 97(iss. 6)</i> , p. 1673- 1677. doi: 10.1007/s12648-022-02535-5	T 009 (100)	9.2.	VILNIUS TECH (5,294)
654.	KU (1)	7751945	Vasylius, M., Tadžijėvas, A., Šapalas, D., Kartašovas, V., Janutėnienė, J., & Mažeika, P. (2023). Degradation of Mechanical Properties of A-PET Films after UV Aging. <i>Polymers, Vol. 15, Iss. 20, Art. No. 4166</i> , p. 1-16. doi: <a href="https://doi.org/10.3390/polym15204166">https://doi.org/10.3390/polym15204166</a>	T 008 (20), T 009 (80)	9.2.	KU (8,854)
655.	VILNIUS TECH (1)	7751981	Škuldeckė, J., Vaitkus, A., & Šernas, O. (2023). Laboratory investigation on the use of wood waste fibres in SMA mixtures /. <i>Construction and building materials., vol. 400</i> , p. 1-9. doi: 10.1016/j.conbuildmat.2023.132727	T 002 (100)	9.2.	VILNIUS TECH (11,861)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
656.	VILNIUS TECH (0,1667)	7752000	Sobaszek, Ł., Piasecka, I., Flizikowski, J., Tomporowski, A., Sokolovskij, E., & Baldowska-Witos, P. (2023). Environmentally oriented analysis of benefits and expenditures in the life cycle of a wind power plant /. <i>Materials: Special issue: Advanced designs of materials, machines and processes in a circular economy.</i> , vol. 16(iss. 2), p. 1-19. doi: 10.3390/ma16020538	T 006 (50), T 008 (50)	9.2.	VILNIUS TECH (1,702)
657.	VILNIUS TECH (0,3333)	7752025	Sokolovskij, E., Małek, A., Caban, J., Dudziak, A., Matijošius, J., & Marciniak, A. (2023). Selection of a photovoltaic carport power for an electric vehicle /. <i>Energies: Application of Electric Vehicle to Grid Strategies in Smart Grid Environment.</i> , vol. 16(iss. 7), p. 1-16. doi: 10.3390/en16073126	T 003 (100)	9.2.	VILNIUS TECH (3,362)
658.	VILNIUS TECH (1)	7752064	Stefanovič, P., & Ramanauskaitė, S. (2023). Travel direction recommendation model based on photos of user social network profile /. <i>IEEE Access.</i> , vol. 11, p. 28252-28262. doi: 10.1109/ACCESS.2023.3260103	T 007 (50)	9.2.	VILNIUS TECH (3,982)
659.	VILNIUS TECH (0,4)	7752076	Stepova, K., Fediv, I., Mažeikienė, A., Šarko, J., & Mažeika, J. (2023). Adsorption of ammonium ions and phosphates on natural and modified clinoptilolite: Isotherm and breakthrough curve measurements /. <i>Water.</i> , vol. 15(iss. 10), p. 1-14. doi: 10.3390/w15101933	T 004 (80), T 005 (20)	9.2.	VILNIUS TECH (3,475)
660.	VILNIUS TECH (0,2857)	7752097	Stosiak, M., Karpenko, M., Deptuła, A., Urbanowicz, K., Skačkauskas, P., & Cieśliski, R. et al. (2023). Modelling and experimental verification of the interaction in a hydraulic directional control valve spool pair /. <i>Applied sciences: Sections: Acoustics and vibrations.</i> , vol. 13(iss. 1), p. 1-19. doi: 10.3390/app13010458	T 003 (100)	9.2.	VILNIUS TECH (3,155)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
661.	VILNIUS TECH (0,4444)	7752112	Stosiak, M., Karpenko, M., Deptuła, A., Urbanowicz, K., Skačkauskas, P., & Deptuła, A. et al. (2023). Research of vibration effects on a hydraulic valve in the pressure pulsation spectrum analysis / <i>Journal of marine science and engineering: Ocean Engineering.</i> , vol. 11(iss. 2), p. 1-15. doi: 10.3390/jmse11020301	T 003 (100)	9.2.	VILNIUS TECH (7,943)
662.	VILNIUS TECH (0,6)	7752141	Stosiak, M., Karpenko, M., Prentkovskis, O., Deptuła, A., & Skačkauskas, P. (2023). Research of vibrations effect on hydraulic valves in military vehicles / <i>Defence technology.</i> , vol. 30, p. 111-125. doi: 10.1016/j.dt.2023.03.023	T 003 (100)	9.2.	VILNIUS TECH (13,445)
663.	VILNIUS TECH (0,2)	7752230	Stosiak, M., Skačkauskas, P., Towarnicki, K., Deptuła, A., Deptuła, A., & Prażnowski, K. et al. (2023). Analysis of the impact of vibrations on a micro-hydraulic valve using a modified induction algorithm / <i>Machines: Section "Machine design and theory"</i> ., vol. 11(iss. 2), p. 1-28. doi: 10.3390/machines11020184	T 003 (100)	9.2.	VILNIUS TECH (2,557)
664.	VILNIUS TECH (1)	7752263	Sultani, H., Sokolov, A., Rimkus, A., & Gribniak, V. (2023). Quantifying the residual stiffness of concrete beams with polymeric reinforcement under repeated loads / <i>Polymers: Special issue: Advanced polymer composite materials: Processing, modeling, properties and applications II.</i> , vol. 15(iss. 16), p. 1-20. doi: 10.3390/polym15163393	T 002 (20), T 008 (80)	9.2.	VILNIUS TECH (8,854)
665.	VILNIUS TECH (0,25)	7753036	Szwaja, S., Gruca, M., Pyrc, M., & Juknelevičius, R. (2023). Glycerol as an anti-knock additive and secondary fuel as a substitute for gasoline-based fuels for the IC engine / <i>Energies: Special issue: Combustion engine in-cylinder flow.</i> , vol. 16(iss. 13), p. 1-15. doi: 10.3390/en16134940	T 003 (70), T 009 (30)	9.2.	VILNIUS TECH (1,783)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
666.	VILNIUS TECH (1)	7753056	Tamulionis, M., Serackis, A., Bartnykas, K., Miniotas, D., Mikučionis, Š., & Laptik, R. et al. (2023). Improving monocular camera localization for video-based three-dimensional outer ear reconstruction tasks /. <i>Applied sciences: Special issue: User experience in virtual environments.</i> , vol. 13(vol. 15), p. 1-14. doi: 10.3390/app13158712	T 001 (50), T 007 (50)	9.2.	VILNIUS TECH (5,52)
667.	VILNIUS TECH (1)	7753087	Tamulionis, M., Sledevič, T., Abromavičius, V., Kurpytė-Lipnickė, D., Navakauskas, D., & Serackis, A. et al. (2023). Finding the least motion-blurred image by reusing early features of object detection network /. <i>Applied sciences: Application of Deep Learning Methods for Multimedia.</i> , vol. 13(iss. 3), p. 1-18. doi: 10.3390/app13031264	T 001 (50), T 007 (50)	9.2.	VILNIUS TECH (5,52)
668.	VILNIUS TECH (1)	7753104	Tamulionis, M., Sledevič, T., & Serackis, A. (2023). Investigation of machine learning model flexibility for automatic application of reverberation effect on audio signal /. <i>Applied sciences: New Advances in Audio Signal Processing.</i> , vol. 13(iss. 9), p. 1-12. doi: 10.3390/app13095604	T 001 (50), T 007 (50)	9.2.	VILNIUS TECH (5,52)
669.	VILNIUS TECH (0,25)	7753657	Torkayesh, A., Deveci, M., Karagoz, S., & Antuchevičienė, J. (2023). A state-of-the-art survey of evaluation based on distance from average solution (EDAS): Developments and applications /. <i>Expert systems with applications.</i> , vol. 221, p. 1-22. doi: 10.1016/j.eswa.2023.119724	T 002 (70), T 007 (30)	9.2.	VILNIUS TECH (7,581)
670.	VILNIUS TECH (0,6)	7753687	Trambitski, Y., Kizinievič, O., Gaspar, F., Kizinievič, V., & Valente, J. (2023). Eco-friendly unfired clay materials modified by natural polysaccharides /. <i>Construction and building materials.</i> , vol. 400, p. 1-5. doi: 10.1016/j.conbuildmat.2023.132783	T 002 (20), T 004 (20), T 008 (60)	9.2.	VILNIUS TECH (10,065)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
671.	LAMMC (0,9167); KTU (0,0833)	7754032	Motiejuskaitė, D., Ullah, S., Kundrotaitė, A., Žvirdauskienė, R., Bakšinskaitė, A., & Barčauskaitė, K. (2023). Isolation of biologically active compounds from Cannabis sativa L. inflorescences by using different extraction solvents and evaluation of antimicrobial activity /. <i>Antioxidants.</i> , vol. 12(iss. 5), p. 1-13. doi: 10.3390/antiox12050998	T 005 (10)	9.2.	LAMMC (0,969); KTU (0,088)
672.	VILNIUS TECH (0,125)	7754431	Tucki, K., Orynych, O., Mieszkalski, L., Mendes dos Reis, J., Matijošius, J., & Wocial, M. et al. (2023). Analysis of the influence of the spark plug on exhaust gas composition /. <i>Energies: Modeling Energy–Environment–Economy Interrelations.</i> , vol. 16 (iss. 11), p. 1-25. doi: 10.3390/en16114381	T 009 (100)	9.2.	VILNIUS TECH (1,544)
673.	VILNIUS TECH (1)	7754488	Tupėnaitė, L., Kanapeckienė, L., Naimavičienė, J., Kaklauskas, A., & Gečys, T. (2023). Timber construction as a solution to climate change: A systematic literature review /. <i>Buildings: Developments in Sustainable Buildings.</i> , vol. 13(iss. 4), p. 1-23. doi: 10.3390/buildings13040976	T 002 (100)	9.2.	VILNIUS TECH (6,653)
674.	VILNIUS TECH (0,2)	7754501	Urbanowicz, K., Bergant, A., Stosiak, M., Deptuła, A., & Karpenko, M. (2023). Navier-Stokes solutions for accelerating pipe flow—A review of analytical models :. <i>Energies: Special issue: Numerical heat transfer and fluid flow 2022.</i> , vol. 16(iss. 3), p. 1-30. doi: 10.3390/en16031407	T 003 (100)	9.2.	VILNIUS TECH (2,471)
675.	VILNIUS TECH (0,4)	7754521	Urbanowicz, K., Bergant, A., Stosiak, M., Karpenko, M., & Bogdevičius, M. (2023). Developments in analytical wall shear stress modelling for water hammer phenomena /. <i>Journal of sound and vibration.</i> , vol. 562, p. 1-22. doi: 10.1016/j.jsv.2023.117848	T 003 (100)	9.2.	VILNIUS TECH (8,962)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
676.	VILNIUS TECH (0,25)	7754632	Vagtholm, R., Matteo, A., Vand, B., & Tupėnaitė, L. (2023). Evolution and current state of building materials, construction methods, and building regulations in the U.K.: Implications for sustainable building practices /. <i>Buildings: Special Issue: Developments in Sustainable Buildings.</i> , vol. 13(iss. 6), p. 1-37. doi: 10.3390/buildings13061480	T 002 (100)	9.2.	VILNIUS TECH (2,352)
677.	VILNIUS TECH (0,3333)	7754651	Vaičienė, M., Malaiškienė, J., & Maqbool, Q. (2023). The impact of milled wood waste bottom ash (WWBA) on the properties of conventional concrete and cement hydration /. <i>Materials.</i> , vol. 16 (iss. 19), p. 1-16. doi: 10.3390/ma16196498	T 002 (40), T 004 (30), T 008 (30)	9.2.	VILNIUS TECH (2,78)
678.	MRU (0,5)	7754720	Damaševičius, R., & Zailskaitė-Jakštė, L. (2023). Impact of COVID- 19 pandemic on researcher collaboration in business and economics areas on national level: a scientometric analysis /. <i>Journal of documentation.</i> , vol. 79(iss. 1), p. 183-202. doi: 10.1108/JD-02-2022-0030	T 007 (50)	9.2.	MRU (1,402)
679.	LSMU (0,8571); KTU (0,0476)	7755113	Klupšaitė, D., Starkutė, V., Zokaitytė, E., Černauskas, D., Mockus, E., & Kentra, E. et al. (2023). The Contribution of Scalded and Scalded-Fermented Rye Wholemeal Flour to Quality Parameters and Acrylamide Formation in Semi-Wheat-Rye Bread / Dovile Klupsaite, Vytaute Starkute, Egle Zokaityte, Darius Cernauskas, Ernestas Mockus, Evaldas Kentra, Rugilė Sliazaitė, Gabriele Abramaviciute, Paulina Sakaite, Vitalija Komarova, Ieva Tatarunaite, Sandra Radziune, Paulina Gliubiciute, Monika Zimkaite, Julius Kunce, Sarune Avizienyte, Milena Povilaityte, Kotryna Sokolova, João Miguel Rocha, Fatih Özogul and Elena Bartkiene. <i>Foods</i> , vol. 12(no. 5.), p. 1-19. doi: 10.3390/foods12050937	T 005 (10)	9.2.	LSMU (1,294); KTU (0,072)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
680.	VILNIUS TECH (1)	7766238	Vaičiūnas, G., Bureika, G., & Steišūnas, S. (2023). Measurement repeatability of rail wheel loads caused by rolling surface damages /. <i>Applied sciences: Special issue: "Advances in vehicle dynamics and road safety: technologies, simulations and applications".</i> , vol. 13(iss. 7), p. 1-17. doi: 10.3390/app13074474	T 003 (100)	9.2.	VILNIUS TECH (5,52)
681.	VILNIUS TECH (1)	7766249	Vaišis, V., Chlebnikovas, A., & Jasevičius, R. (2023). Numerical study of the flow of pollutants during air purification, taking into account the use of eco-friendly material for the filter—mycelium /. <i>Applied sciences: Special issue: Air quality prediction based on machine learning algorithms II.</i> , vol. 13(iss. 3), p. 1-16. doi: 10.3390/app13031703	T 004 (40), T 009 (60)	9.2.	VILNIUS TECH (5,52)
682.	VILNIUS TECH (1)	7766269	Vaitkus, A., Škuldeckė, J., & Šernas, O. (2023). A test road with unbound base and sub-base course from MSWI bottom ash mixtures /. <i>Buildings: Sustainable and Green Construction Materials.</i> , vol. 13(iss. 5), p. 1-12. doi: 10.3390/buildings13051311	T 002 (100)	9.2.	VILNIUS TECH (6,653)
683.	VILNIUS TECH (0,5)	7766302	Valeika, G., Matijošius, J., Orynycz, O., Rimkus, A., Swic, A., & Tucki, K. (2023). Smoke formation during combustion of biofuel blends in the internal combustion compression ignition engine /. <i>Energies: Study on Emission Loads of Bio-Fuel Engine.</i> , vol. 16 (iss. 9), p. 1-16. doi: 10.3390/en16093682	T 003 (100)	9.2.	VILNIUS TECH (5,043)
684.	VILNIUS TECH (1)	7766412	Valentukevičienė, M., Andriulaitytė, I., & Chadyšas, V. (2023). Assessment of residual chlorine interaction with different microelements in stormwater sediments /. <i>Molecules: Cross-Field Chemistry.</i> , vol. 28(iss. 14), p. 1-12. doi: 10.3390/molecules28145358	T 004 (70)	9.2.	VILNIUS TECH (5,13)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
685.	VILNIUS TECH (0,625); KTU (0,375)	7766426	Vanagas, G., Dzedzickis, A., Bučinskas, V., & Viržonis, D. (2023). Modeling of fully hermetic electrostatic microfluidic valve actuator with increased displacement /. <i>Sensors and actuators A: Physical.</i> , vol. 360, p. 1-8. doi: 10.1016/j.sna.2023.114519	T 001 (50), T 009 (50)	9.2.	VILNIUS TECH (5,686); KTU (3,412)
686.	VILNIUS TECH (1)	7766441	Vasiliauskienė, D., Balčiūnas, G., Boris, R., Kairytė, A., & Urbonavičius, J. (2023). The impact of microorganisms on the performance of linseed oil and tung tree oil impregnated composites made of hemp shives and corn starch /. <i>Microorganisms: Special issue: Environment microorganisms and their enzymes with biotechnological application.</i> , vol. 11(iss. 2), p. 1-15. doi: 10.3390/microorganisms11020477	T 005 (50), T 008 (50)	9.2.	VILNIUS TECH (8,674)
687.	VILNIUS TECH (1)	7766457	Vasiliauskienė, D., Lukša, J., Servienė, E., & Urbonavičius, J. (2023). Changes in the bacterial communities of biocomposites with different flame retardants /. <i>Life.</i> , vol. 13(iss. 12), p. 1-11. doi: 10.3390/life13122306	T 005 (100)	9.2.	VILNIUS TECH (7,895)
688.	VILNIUS TECH (1)	7766475	Vasjanov, A., & Barzdėnas, V. (2023). Surface-mount zero-ohm jumper resistor characterization in high-speed controlled impedance transmission lines /. <i>Sensors: Special issue: MIMO technologies in sensors and wireless communication applications.</i> , vol. 23(iss. 9), p. 1-13. doi: 10.3390/s23094472	T 001 (100)	9.2.	VILNIUS TECH (7,869)
689.	VILNIUS TECH (0,6)	7766494	Vėjelis, S., Karimova, M., Kuatbayeva, T., Kairytė, A., & Šeputytė- Jucikė, J. (2023). Saproel as a binding material for wood processing waste in the development of thermal insulation biocomposite /. <i>Materials: Special issue: Bio-based plastics and biocomposite materials.</i> , vol. 10(iss. 6), p. 1-15. doi: 10.3390/ma16062230	T 002 (10), T 004 (10), T 008 (80)	9.2.	VILNIUS TECH (5,002)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
690.	VILNIUS TECH (1)	7766512	Vėjelis, S., Vaitkus, S., Kremensas, A., Kairytė, A., & Šeputytė- Jucikė, J. (2023). Reuse of textile waste in the production of sound absorption boards /. <i>Materials: Special issue: Bio-based plastics and biocomposite materials.</i> , vol. 16(iss. 5), p. 1-12. doi: 10.3390/ma16051987	T 002 (10), T 004 (10), T 008 (80)	9.2.	VILNIUS TECH (5,896)
691.	VILNIUS TECH (0,625)	7766531	Veliseičik, T., Žurauskienė, R., Kligys, M., & Daukševič, M. (2023). Influence of short carbon fibers on the properties of autoclaved fiber cement in standard fire environment /. <i>Materials.</i> , vol. 16 (iss. 6), p. 1-16. doi: 10.3390/ma16062513	T 008 (100)	9.2.	VILNIUS TECH (3,684)
692.	VILNIUS TECH (1)	7766564	Velykorusova, A., Zavadskas, E., Tupėnaitė, L., Kanapeckienė, L., Migilinskas, D., & Kutut, V. et al. (2023). Intelligent multi-criteria decision support for renovation solutions for a building based on emotion recognition by applying the COPRAS method and BIM integration /. <i>Applied sciences: Special issue: Application of BIM in intelligent construction technology.</i> , vol. 13(iss. 9), p. 1-38. doi: 10.3390/app13095453	T 002 (100)	9.2.	VILNIUS TECH (5,52)
693.	VILNIUS TECH (1)	7766588	Vengalis, T., & Mokšin, V. (2023). Experimental and numerical study of the performance of an open-type multi-deck refrigerated cabinet with single and dual air curtain /. <i>Applied sciences: Special issue: Industrial applications of computational fluid dynamics.</i> , vol. 13(iss. 16), p. 1-16. doi: 10.3390/app13169080	T 009 (100)	9.2.	VILNIUS TECH (5,52)
694.	VILNIUS TECH (1)	7766615	Vilkonis, A., Antuchevičienė, J., & Kutut, V. (2023). Construction contracts quality assessment from the point of view of contractor and customer /. <i>Buildings: Special issue: Costs and cost analysis in construction project management.</i> , vol. 13(iss. 5), p. 1-21. doi: 10.3390/buildings13051154	T 002 (100)	9.2.	VILNIUS TECH (6,653)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
695.	VILNIUS TECH (1)	7766626	Vilniškis, T., & Januševičius, T. (2023). Experimental research and transfer matrix method for analysis of transmission loss in multilayer constructions with devulcanized waste rubber /. <i>Sustainability: Efficient Use and Recovery of Resources for the Purpose of Circular Economy and Sustainability.</i> , vol. 15(iss. 17), p. 1-21. doi: 10.3390/su151712774	T 004 (100)	9.2.	VILNIUS TECH (6,447)
696.	VILNIUS TECH (1)	7766636	Vinogradova-Zinkevič, I. (2023). Comparative sensitivity analysis of some Fuzzy AHP methods /. <i>Mathematics: Special issue: Fuzzy decision making and applications.</i> , vol. 11(iss. 24), p. 1-39. doi: 10.3390/math11244984	T 007 (40)	9.2.	VILNIUS TECH (6,655)
697.	VILNIUS TECH (0,25)	7766649	Wu, X., Liao, H., Lev, B., & Zavadskas, E. (2023). A multiple criteria decision-making method with heterogeneous linguistic expressions /. <i>IEEE Transactions on Engineering Management.</i> , vol. 70(iss. 5), p. 1857-1870. doi: 10.1109/TEM.2021.3072590	T 002 (60), T 007 (40)	9.2.	VILNIUS TECH (3,875)
698.	VILNIUS TECH (0,125)	7766663	Xie, H., Li, L., NG, P., & Liu, F. (2023). Effects of solid waste reutilization on performance of pervious concrete: A review /. <i>Sustainability.</i> , vol. 15(iss. 7), p. 1-34. doi: 10.3390/su15076105	T 002 (100)	9.2.	VILNIUS TECH (1,612)
699.	VILNIUS TECH (0,75)	7766676	Yang, F., Lu, X., Kilikevičius, A., & Gurauskis, D. (2023). Methods for reducing subdivision error within one signal period of single- field scanning absolute linear encoder /. <i>Sensors.</i> , vol. 23(iss. 2), p. 1-13. doi: 10.3390/s23020865	T 009 (100)	9.2.	VILNIUS TECH (10,223)
700.	VILNIUS TECH (1)	7766692	Žaglinskis, J., & Rimkus, A. (2023). Research on the performance parameters of a compression-ignition engine fueled by blends of diesel fuel, rapeseed methyl ester and hydrotreated vegetable oil /. <i>Sustainability: Special issue: Sustainable maritime transportation.</i> , vol. 15(iss. 20), p. 1-16. doi: 10.3390/su152014690	T 003 (100)	9.2.	VILNIUS TECH (6,447)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
701.	VILNIUS TECH (0,6667)	7766719	Zagorskis, A., Gotovskienė, A., & Monin, V. (2023). Quality assessment of biogas-producing macroalgae from Azov Sea and Šventoji River /. <i>Sustainability: Special issue: Efficient use and recovery of resources for the purpose of circular economy and sustainability.</i> , vol. 15(iss. 19), p. 1-17. doi: 10.3390/su151914542	T 004 (60), T 005 (40)	9.2.	VILNIUS TECH (6,078)
702.	VILNIUS TECH (0,75)	7766741	Žaimis, U., Petronienė, J., Dzedzickis, A., & Bučinskas, V. (2023). Biodegradable carrageenan-based force sensor: An experimental approach /. <i>Sensors.</i> , vol. 23(iss. 23), p. 1-17. doi: 10.3390/s23239423	T 009 (100)	9.2.	VILNIUS TECH (8,347)
703.	VILNIUS TECH (1)	7766753	Zakarka, M., Skuodis, Š., & Dirgėlienė, N. (2023). Triaxial test of coarse-grained soils reinforced with one layer of geogrid /. <i>Applied sciences: Special issue: Advances in engineering soil properties and testing for ground stabilization.</i> , vol. 13(iss. 22), p. 1-14. doi: 10.3390/app132212480	T 002 (100)	9.2.	VILNIUS TECH (5,52)
704.	VILNIUS TECH (0,2)	7766764	Zakeri, S., Chatterjee, P., Cheikhrouhou, N., Konstantas, D., & Yang, Y. (2023). MUTRISS: A new method for material selection problems using MULTiple-TRlangles scenarios /. <i>Expert systems with applications.</i> , vol. 228, p. 1-17. doi: 10.1016/j.eswa.2023.120463	T 004 (30), T 007 (70)	9.2.	VILNIUS TECH (5,424)
705.	VILNIUS TECH (0,25)	7766780	Zakeri, S., Chatterjee, P., Konstantas, D., & Ecer, F. (2023). A decision analysis model for material selection using simple ranking process /. <i>Scientific reports.</i> , vol. 13(iss. 1), p. 1-34. doi: 10.1038/s41598-023-35405-z	T 004 (40), T 007 (60)	9.2.	VILNIUS TECH (2,887)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
706.	VILNIUS TECH (0,25)	7766795	Zarandian, A., Mohammadyari, F., Mirsanjari, M., & Sužiedelytė Visockienė, J. (2023). Scenario modeling to predict changes in land use/cover using Land Change Modeler and InVEST model: a case study of Karaj Metropolis, Iran /. <i>Environmental monitoring and assessment.</i> , vol. 195(iss. 2), p. 1-22. doi: 10.1007/s10661-022-10740-2	T 004 (50), T 010 (50)	9.2.	VILNIUS TECH (2,436)
707.	VILNIUS TECH (1)	7766809	Zigmund, V., Antuchevičienė, J., & Migilinskas, D. (2023). BIM application in multi-criteria assessment of suspended brickwork façade production methods for a reconstructed building /. <i>Applied sciences: Special issue: Application of BIM in intelligent construction technology.</i> , vol. 13(iss. 13), p. 1-20. doi: 10.3390/app13137949	T 002 (100)	9.2.	VILNIUS TECH (5,52)
708.	VILNIUS TECH (0,125)	7766830	Žukauskienė, M., Markauskienė, A., Juraitis, T., & Kuzborska, Z. (2023). Sting and evaluation of a prototype of a mobility trainer: Verticalizer for children (2 to 7 years) weighing up to 20 kg /. <i>Technology and health care.</i> , vol. 31(iss. 6), p. 2435-2445. doi: 10.3233/THC-235009	T 009 (20)	9.2.	VILNIUS TECH (0,118)
709.	VILNIUS TECH (1)	7766844	Žuraulis, V., & Pečeliūnas, R. (2023). The architecture of an agricultural data aggregation and conversion model for smart farming /. <i>Applied sciences: New Development in Smart Farming for Sustainable Agriculture.</i> , vol. 13(iss. 20), p. 1-15. doi: 10.3390/app132011216	T 003 (50), T 007 (50)	9.2.	VILNIUS TECH (5,52)
710.	VILNIUS TECH (0,5)	7766871	Žurauskienė, R., & Navickienė, L. (2023). Foam glass granule usage in tile glue mixtures that use a reduced portland cement amount /. <i>Materials: Concretes and Cement-Based Composites: Additives/Admixtures, Hydration Process and Durability Research.</i> , vol. 16(iss. 3), p. 1-20. doi: 10.3390/ma16031269	T 002 (50), T 008 (50)	9.2.	VILNIUS TECH (2,948)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
711.	VILNIUS TECH (0,125)	7766883	Zurowski, W., Zepchlo, J., Cep, R., Cepova, L., Rucki, M., & Krzysiak, Z. et al. (2023). The effect of powder and emulsion binders on the tribological properties of particulate filled glass fiber reinforced polymer composites / <i>Polymers: Advances in the Mechanical Behavior of Polymeric Materials.</i> , vol. 15(iss. 1), p. 1- 15. doi: 10.3390/polym15010245	T 008 (50), T 009 (50)	9.2.	VILNIUS TECH (2,712)
712.	FTMC (1)	7767298	Gečys, P., & Dudutis, J. (2023). <i>European Patent No. EP 4169656 A1</i> . European Patent Office.	T 008 (100)	9.3.	FTMC (10)
713.	FTMC (1)	7767314	Jagminienė, A., Stankevičienė, I., Ratautas, K., Norkus, E., & Račiukaitis, G. (2023). <i>European Patent No. EP 4204599 A</i> . European Patent Office.	T 008 (40)	9.3.	FTMC (4)
714.	FTMC (1)	7767329	Jagminienė, A., Stankevičienė, I., Ratautas, K., Norkus, E., & Račiukaitis, G. (2023). <i>Japan Patent No. 2023538951 A</i> . Japan Patent Office.	T 008 (40)	9.3.	FTMC (4)
715.	FTMC (1)	7767398	Abraitienė, A., Kubilienė, D., Šapurov, M., Dervinis, A., Bleizgys, V., & Baškys, A. et al. (2023). <i>European Patent No. EP 4074206 B1</i> . Munich: European Patent Office.	T 008 (50)	9.4.	FTMC (7,5)
716.	FTMC (1)	7767423	Stankevič, V., Balevičius, S., Žurauskienė, N., Šimkevičius, Č., & Keršulis, S. (2023). <i>European Patent No. EP 3893011 B1</i> . Munich: European Patent Office.	T 001 (10)	9.4.	FTMC (1,5)
717.	VU (0,25)	7767696	Italiano, J., Mažutis, L., Thon, J., & Weitz, D. (2023). <i>U. S. Patent No. US US11850589B2</i> . Jungtinės Amerikos Valstijos: U. S. Patent and Trademark Office.	T 005 (30)	9.4.	VU (1,591)
718.	VU (0,25)	7767714	Italiano, J., Mažutis, L., Thon, J., & Weitz, D. (2023). <i>U. S. Patent No. US US11566214B2</i> . Jungtinės Amerikos Valstijos: U. S. Patent and Trademark Office.	T 005 (30)	9.4.	VU (1,591)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
719.	VU (0,25)	7767732	Italiano, J., Mažutis, L., Thon, J., & Weitz, D. (2023). <i>U. S. Patent application US US20230009208A1</i> . U. S. Patent and Trademark Office.	T 005 (30)	9.3.	VU (1,061)
720.	VU (1)	7767749	Šikšnys, V., Gasiūnas, G., Karvelis, T., Lubys, A., Zaliauskienė, L., & Glemžaitė, M. et al. (2022). <i>Japan Patent No. JP7186574B2</i> . Japonija: Japan Patent Office.	T 005 (30)	9.4.	VU (4,5)
721.	VU (0,2)	7767770	Weitz, D., Klein, A., Akartuna, I., Mažutis, L., & Kirschner, M. (2021). <i>U. S. Patent application US US20210379555A1</i> . U. S. Patent and Trademark Office.	T 005 (30)	9.3.	VU (–)
722.	VU (1)	7767826	Serevičius, T., Skaisgiris, R., Banevičius, D., Tumkevičius, S., Dodonova-Vaitkūnienė, J., & Juršėnas, S. (2023). Modulation of nonradiative emission decay rate by spacer unit in donor- acceptor TADF compounds <i>/ Dyes and pigments., vol. 220</i> , p. [1- 6]. doi: 10.1016/j.dyepig.2023.111711	T 008 (30)	9.2.	VU (2,115)
723.	MRU (1)	7768960	Kiškis, M. (2023). Addressing Evolving Digital Piracy Through Contributory Liability for Copyright Infringement: The Mobdro Case Study <i>/ Masaryk University Journal of Law and Technology., vol. 17</i> (iss. 2), p. 219-248. doi: 10.5817/MUJLT2023-2-3	T 007 (20)	9.00.	MRU (–)
724.	LSMU (0,3125); KTU (0,125)	7769609	Liutkus, J., Kriukas, A., Stragytė, D., Mažeika, E., Raudonis, V., & Galetzka, W. et al. (2023). Accuracy of a Smartphone-Based Artificial Intelligence Application for Classification of Melanomas, Melanocytic Nevi, and Seborrheic Keratoses. <i>Diagnostics, 13</i> (13), 1-14. doi: 10.3390/diagnostics13132139	T 007 (20)	9.2.	LSMU (0,739); KTU (0,296)
725.	LKA (1)	7771768	Kriauciūnas, D. (2023). Lietuvoje pagamintų elektrinių ir hibridinių automobilių analizė. <i>Technologijos ir menas : tyrimai ir aktualijos = Technology and art : research and topicalities, ([Nr.] 14)</i> , pp. 77-81.	T 003 (50)	9.00.	LKA (–)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
726.	LKA (1)	7771804	Vasiliauskienė, V. (2023). Ozono pritekėjimo iš lauko į patalpą dėsningumų tyrimas. <i>Darnios aplinkos vystymas: Mokslo darbai = Sustainable environmental development: Scientific Articles, T. 20</i> (Nr. 1), pp. 94-101. doi: 10.52320/dav.v20i1.271	T 004 (50)	9.00.	LKA (-)
727.	LKA (1)	7771819	Vasiliauskienė, V. (2023). Meteorologinių parametų įtakos kietųjų dalelių kitimui prie gatvės įvertinimas. <i>Technologijos ir menas : tyrimai ir aktualijos = Technology and art : research and topicalities</i> , ([Nr.] 14), pp. 5-9.	T 004 (40)	9.00.	LKA (-)
728.	LKA (1)	7771834	Vasiliauskienė, V. (2023). Ozono kaupimosi ir irimo procesų ekesperimentinėje kameroje tyrimas. <i>Žmogaus ir gamtos sauga 2023 : Mokslo straipsnių rinkinys = Human and nature safety 2023 : Selected papers</i> , pp. 124-129.	T 004 (40)	9.00.	LKA (-)
729.	KTU (0,75)	7778653	Butkevičiūtė, E., Bikulčienė, L., Blažauskas, T., & Žemaitytė, A. (2023). Cognitive checkup and mental training platform for elite athletes /. <i>Baltic journal of modern computing.</i> , vol. 11(iss. 2), p. 257-271. doi: 10.22364/bjmc.2023.11.2.03	T 007 (50)	9.00.	KTU (-)
730.	KTU (0,7)	7779545	Rapalis, A., Sokas, D., Pluščiauskaitė, V., Jurgionytė, S., Stankevičiūtė, Ž., & Lazaro, J. et al. (2023). Photoplethysmogram morphology in stress: from mental to pain to physical activity- induced stress /. <i>Computing in cardiology, CinC 2023, 1-4 October 2023, Atlanta, Georgia, USA.</i> , vol. 50, p. 1-4. doi: 10.22489/CinC.2023.055	T 001 (90)	9.00.	KTU (-)
731.	KTU (1)	7779928	Vaičiukynas, E., Andrijauskienė, M., Danėnas, P., & Benetytė, R. (2023). Socio-eco-efficiency of high-tech companies: a cross- sector and cross-regional study /. <i>Environment, development and sustainability.</i> , vol. 25(iss. 11), p. 12761-12790. doi: 10.1007/s10668-022-02589-9	T 007 (50)	9.2.	KTU (3,898)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
732.	KTU (1)	7780307	Damaševičius, R., & Sidekerskienė, T. (2023). Designing immersive gamified experiences in the Metaverse for enhanced student learning /. <i>2023 International conference on intelligent Metaverse technologies &amp; applications, iMETA2023: 17-20 September 2023, Tartu, Estonia: [proceedings].</i> , p. 1-6. doi: 10.1109/iMETA59369.2023.10294971			KTU (ks)
733.	KTU (1)	7780329	Daunoriene, A., Baryniene, J., & Jonaitiene, V. (2023). The use of ChatGPT as a case study in a change management study module: to ban or allow? /. <i>Edulearn23: 15th international conference on education and new learning technologies, Palma, Mallorca, Spain, 3-5 July 2023: conference proceedings.</i> , p. 7902-7906. doi: 10.21125/edulearn.2023.2050			KTU (ks)
734.	ISM (0,6); KTU (0,2)	7780740	Venciūtė, D., Kažukauskaitė, M., Correia, R., Kušlys, M., & Vaiciukynas, E. (2023). The effect of cause-related marketing on the green consumption attitude–behaviour gap in the cosmetics industry /. <i>Journal of Contemporary Marketing Science.</i> , vol. 6(iss. 1), p. 22-45. doi: 10.1108/JCMARS-08-2022-0019	T 007 (20)	9.00.	ISM (-); KTU (-)
735.	KTU (1)	7781127	Petrauskas, V., Jasinevicius, R., Kazanavicius, E., & Meskauskas, Z. (2023). The paradigm of an explainable artificial intelligence (XAI) and data science (DS)-based decision support system (DSS) /. In <i>Data science in applications / G. Dzemyda, J. Bernatavičienė, J. Kacprzyk (eds.)</i> . (p. 167-209.). Cham: Springer.	T 007 (100)	9.1.	KTU (30,5)
736.	KTU (0,25)	7781140	Adeyemi-Kayode, T., Misra, S., Maskeliunas, R., & Damasevicius, R. (2023). A bibliometric review of grid parity, energy transition and electricity cost research for sustainable development /. <i>Heliyon.</i> , vol. 9(iss. 5), p. 1-25. doi: 10.1016/j.heliyon.2023. e15532	T 007 (100)	9.2.	KTU (3,452)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
737.	KTU (0,0833)	7781152	Akter, N., Akter, N., Pervin, M., & Repon, M. (2023). The influence of mixed thickeners on printing over lyocell knitted fabric /. <i>Heliyon.</i> , vol. 9(iss. 3), p. 1-10. doi: 10.1016/j.heliyon.2023. e14175	T 008 (100)	9.2.	KTU (1,151)
738.	KTU (0,0625)	7781190	Alastruey, J., Charlton, P., Bikia, V., Paliakaite, B., Hametner, B., & Bruno, R. et al. (2023). Arterial pulse wave modelling and analysis for vascular age studies: a review from VascAgeNet /. <i>American journal of physiology - heart and circulatory physiology.</i> , vol. 325(iss. 1), p. H1-H29. doi: 10.1152/ajpheart. 00705.2022	T 001 (50), T 010 (50)	9.2.	KTU (2,46)
739.	KTU (1)	7781215	Almonaityte, K., Bendoraitiene, J., Liudvinaviciute, D., & Rutkaite, R. (2023). Peculiarities of ibuprofen adsorption on modified potato starch granules in aqueous medium /. <i>Journal of polymers and the environment.</i> , vol. 31(iss. 3), p. 1116-1128. doi: 10.1007 /s10924-022-02677-x	T 005 (100)	9.2.	KTU (7,337)
740.	KTU (1)	7781226	Almonaityte, K., Bendoraitiene, J., Navikaite-Snipaitiene, V., & Rutkaite, R. (2023). Modified wheat starch granules for ibuprofen adsorption in aqueous solution /. <i>Water air and soil pollution.</i> , vol. 234(iss. 7), p. 1-13. doi: 10.1007/s11270-023-06475-6	T 005 (100)	9.2.	KTU (7,476)
741.	KTU (0,4444)	7781238	Andrulevičius, M., Artiukh, E., Suchaneck, G., Wang, S., Sobolev, N., & Gerlach, G. et al. (2023). Multitarget reactive magnetron sputtering towards the production of strontium molybdate thin films /. <i>Materials.</i> , vol. 16(iss. 6), p. 1-10. doi: 10.3390 /ma16062175	T 008 (50)	9.2.	KTU (2,269)
742.	KTU (0,3333)	7781257	Arowolo, M., Misra, S., & Ogundokun, R. (2023). A machine learning technique for detection of social media fake news /. <i>International journal on semantic web and information systems.</i> , vol. 19(iss. 1), p. 1-25. doi: 10.4018/IJSWIS.326120	T 007 (100)	9.2.	KTU (4,921)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
743.	KTU (0,2)	7781267	Arowolo, M., Ogundokun, R., Misra, S., Agboola, B., & Gupta, B. (2023). Machine learning-based IoT system for COVID-19 epidemics /. <i>Computing.</i> , vol. 105(iss. 4), p. 831-847. doi: 10.1007/s00607-022-01057-6	T 007 (100)	9.2.	KTU (4,038)
744.	KTU (1)	7781280	Asfand, N., & Daukantienė, V. (2023). Electrical properties and electromagnetic shielding effectiveness of cotton/antistatic polyester knitted fabrics treated with antibacterial finish /. <i>Textile research journal.</i> , vol. 93(iss. 15-16), p. 3538-3551. doi: 10.1177/00405175231158820	T 008 (100)	9.2.	KTU (5,613)
745.	KTU (1)	7781290	Asfand, N., & Daukantiene, V. (2023). Evaluation of the moisture management and air permeability of cotton/antistatic polyester knitted fabrics /. <i>Journal of industrial textiles.</i> , vol. 53, p. 1-23. doi: 10.1177/15280837231194369	T 008 (100)	9.2.	KTU (6,968)
746.	KTU (1)	7781300	Asfand, N., & Daukantiene, V. (2023). Study of the tensile and bending stiffness behavior of antistatic and antibacterial knitted fabrics /. <i>Fibres and textiles in Eastern Europe.</i> , vol. 31(iss. 3), p. 1-9. doi: 10.2478/ftce-2023-0026	T 008 (100)	9.00.	KTU (-)
747.	KTU (0,8)	7781310	Asokkumar, A., Raišutis, R., Pasadas, D., Samaitis, V., & Mažeika, L. (2023). Investigation of different features for baseline-free RAPID damage-imaging algorithm using guided waves applied to metallic and composite plates /. <i>Materials.</i> , vol. 16(iss. 23), p. 1- 20. doi: 10.3390/ma16237390	T 001 (50), T 010 (50)	9.2.	KTU (6,67)
748.	KTU (0,125)	7781325	Astolfi, R., da Silva, D., Guedes, I., Nascimento, C., Damaševičius, R., & Jagatheesaperumal, S. et al. (2023). Computer-aided ankle ligament injury diagnosis from magnetic resonance images using machine learning techniques /. <i>Sensors.</i> , vol. 23(iss. 3), p. 1-18. doi: 10.3390/s23031565	T 007 (100)	9.2.	KTU (1,704)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
749.	KTU (0,6667)	7781341	Augustiniene, E., Jonuskiene, I., Kailiuvienė, J., Mazonienė, E., Baltakys, K., & Malys, N. (2023). Application of whole-cell biosensors for analysis and improvement of L- and D-lactic acid fermentation by <i>Lactobacillus</i> spp. from the waste of glucose syrup production /. <i>Microbial cell factories.</i> , vol. 22(iss. 1), p. 1- 10. doi: 10.1186/s12934-023-02233-9	T 005 (100)	9.2.	KTU (8,055)
750.	KTU (1)	7781355	Augustiniene, E., Kutraite, I., Valanciene, E., Matulis, P., Jonuskiene, I., & Malys, N. (2023). Transcription factor-based biosensors for detection of naturally occurring phenolic acids /. <i>New biotechnology.</i> , vol. 78, p. 1-12. doi: 10.1016/j.nbt.2023.09.004	T 005 (100)	9.2.	KTU (9,393)
751.	KTU (0,125)	7781369	Babatunde, A., Ogundokun, R., Adeoye, L., & Misra, S. (2023). Software defect prediction using dagging meta-learner-based classifiers /. <i>Mathematics.</i> , vol. 11(iss. 12), p. 1-13. doi: 10.3390/math11122714	T 007 (100)	9.2.	KTU (4,65)
752.	KTU (0,8333)	7781381	Babelyte, M., Peciulyte, L., Navikaite-Snipaitiene, V., Bendoraitiene, J., Samaryk, V., & Rutkaite, R. (2023). Synthesis and characterization of thermoresponsive chitosan-graft-poly(N- isopropylacrylamide) copolymers /. <i>Polymers.</i> , vol. 15(iss. 15), p. 1-16. doi: 10.3390/polym15153154	T 005 (100)	9.2.	KTU (10,435)
753.	KTU (0,2308)	7781404	Bachi, L., Halvaei, H., Perez, C., Martin-Yebra, A., Petránas, A., & Sološenko, A. et al. (2023). ECG modeling for simulation of arrhythmias in time-varying conditions /. <i>IEEE transactions on biomedical engineering.</i> , vol. 70(iss. 12), p. 3449-3460. doi: 10.1109/TBME.2023.3288701	T 001 (100)	9.2.	KTU (3,766)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
754.	KTU (0,25)	7781424	Baek, J., Suh, S., Kim, H., Park, H., Kumar, S., & Tamulevičius, T. et al. (2023). Improving electrochemical performances of lithium- ion capacitors employing 3D structured Si anodes /. <i>Journal of industrial and engineering chemistry.</i> , vol. 126, p. 204-213. doi: 10.1016/j.jiec.2023.06.010	T 008 (100)	9.2.	KTU (3,031)
755.	KTU (0,7778)	7781440	Balamutas, J., Navikas, D., Markevičius, V., Čepėnas, M., Valinevičius, A., & Žilys, M. et al. (2023). Passing vehicle road occupancy detection using the magnetic sensor array /. <i>IEEE Access.</i> , vol. 11, p. 50984-50993. doi: 10.1109/ACCESS.2023.3278986	T 001 (100)	9.2.	KTU (10,728)
756.	KTU (0,8)	7781456	Baltakys, K., Eisinias, A., Vasiliauskiene, K., Palou, M., & Dambrauskas, T. (2023). The effect of calcined mayenite on the hydration of ordinary Portland cement /. <i>Ceramics international.</i> , vol. 49(iss. 9, pt. B), p. 14826-14833. doi: 10.1016/j.ceramint.2022.06.151	T 005 (100)	9.2.	KTU (11,879)
757.	KTU (1)	7781471	Barauskaite-Fedorova, I., & Dvarioniene, J. (2023). Management of macrolide antibiotics (erythromycin, clarithromycin and azithromycin) in the environment: a case study of environmental pollution in Lithuania /. <i>Water.</i> , vol. 15 (iss. 1), p. 150-158. doi: 10.3390/w15010010	T 004 (100)	9.2.	KTU (6,142)
758.	KTU (0,8571)	7781480	Barauskas, D., Pelenis, D., Dzikaras, M., Vanagas, G., Mikolajūnas, M., & Baltrusaitis, J. et al. (2023). Highly selective capacitive micromachined ultrasonic transducer–based miniature gravimetric CO2 sensor with in-situ calibration for relative humidity /. <i>Sensors and actuators B: Chemical.</i> , vol. 393, p. 1-9. doi: 10.1016/j.snb.2023.134178	T 001 (100)	9.2.	KTU (18,274)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
759.	KTU (0,3333)	7781509	Barzegar, M., Ribeiro, A., Pasadas, D., Asokkumar, A., Raišutis, R., & Ramos, H. (2023). Baseline-free damage imaging of composite lap joint via parallel array of piezoelectric sensors /. <i>Sensors.</i> , vol. 23(iss. 22), p. 1-14. doi: 10.3390/s23229050	T 010 (100)	9.2.	KTU (3,71)
760.	KTU (0,7143)	7781536	Baskutis, S., Baskutiene, J., Dragašius, E., Kavaliauskiene, L., Keršiene, N., & Kusyi, Y. et al. (2023). Influence of additives on the mechanical characteristics of Hardox 450 steel welds /. <i>Materials.</i> , vol. 16(iss. 16), p. 1-22. doi: 10.3390/ma16165593	T 009 (100)	9.2.	KTU (5,955)
761.	KTU (1)	7781551	Basra, S., Kumpikaite, E., & Asfand, N. (2023). Development and investigation of hybrid knitted structures for sensorial comfort properties. Part I-tuck stitches /. <i>Journal of natural fibers.</i> , vol. 20 (iss. 2), p. 1-15. doi: 10.1080/15440478.2023.2222554	T 008 (100)	9.2.	KTU (8,323)
762.	KTU (0,1667)	7781561	Batool, A., Nisar, M., Khan, M., Shah, J., Tariq, U., & Damaševičius, R. (2023). Traffic sign recognition using proposed lightweight twig-net with linear discriminant classifier for biometric application /. <i>Image and vision computing.</i> , vol. 135, p. 1-308. doi: 10.1016/j.imavis.2023.104711	T 007 (100)	9.2.	KTU (3,134)
763.	KTU (0,6667)	7781576	Begum, M., Kader, A., & Milašius, R. (2023). flame-retardance functionalization of jute and jute-cotton fabrics /. <i>Polymers.</i> , vol. 15(iss. 11), p. 1-16. doi: 10.3390/polym15112563	T 008 (100)	9.2.	KTU (8,348)
764.	KTU (0,5)	7781586	Belousov, G., Vaitusionak, A., Vasilenko, I., Ghasemi, M., Andruleviciene, V., & Ivanchanka, A. et al. (2023). Through-space charge-transfer thermally activated delayed fluorescence alternating donor-acceptor copolymers for nondoped solution- processable OLEDs /. <i>Macromolecules.</i> , vol. 56(iss. 7), p. 2686- 2699. doi: 10.1021/acs.macromol.2c02582	T 005 (100)	9.2.	KTU (8,173)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
765.	KTU (0,75)	7781605	Bendikiene, R., Jutas, A., Nagys, P., & Sipailiene, A. (2023). Study of mechanical and sanitary properties of artificial cast stone products /. <i>Materials.</i> , vol. 16(iss. 3), p. 1-21. doi: 10.3390/ma16031009	T 005 (20), T 008 (30), T 009 (50)	9.2.	KTU (6,253)
766.	KTU (1)	7781633	Bendikiene, R., Sertytis, R., & Ciuplys, A. (2023). Comparative evaluation of AC and DC TIG-welded 5083 aluminium plates of different thickness /. <i>International journal of advanced manufacturing technology.</i> , vol. 127(iss. 7-8), p. 3789-3800. doi: 10.1007/s00170-023-11779-2	T 008 (50), T 009 (50)	9.2.	KTU (6,106)
767.	KTU (0,125)	7781664	Bibi, S., Khan, M., Shah, J., Damaševičius, R., Alasiry, A., & Marzougui, M. et al. (2023). MSRNet: Multiclass skin lesion recognition using additional residual block based fine-tuned deep models information fusion and best feature selection /. <i>Diagnostics.</i> , vol. 13(iss. 19), p. 1-22. doi: 10.3390/diagnostics13193063	T 007 (100)	9.2.	KTU (2,766)
768.	KTU (1)	7781788	Bisikirskienė, L., Čeponienė, L., Jurgelaitis, M., Ablonskis, L., & Eglė, G. (2023). Compiling requirements from models for early phase scope estimation in agile software development projects /. <i>Applied sciences.</i> , vol. 13(iss. 22), p. 1-24. doi: 10.3390/app132212353	T 007 (100)	9.2.	KTU (5,52)
769.	KTU (1)	7781801	Biškauskaitė, R., & Valeika, V. (2023). Wet blue enzymatic treatment and its effect on leather properties and post-tanning processes /. <i>Materials.</i> , vol. 16(iss. 6), p. 1-13. doi: 10.3390/ma16062301	T 005 (100)	9.2.	KTU (5,895)
770.	KTU (0,5)	7781811	Bondarenko, I., Lukoševičius, V., Keršys, R., & Neduzha, L. (2023). Investigation of dynamic processes of rolling stock–track interaction: experimental realization /. <i>Sustainability.</i> , vol. 15(iss. 6), p. 1-20. doi: 10.3390/su15065356	T 003 (100)	9.2.	KTU (5,584)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
771.	KTU (0,3333)	7781870	Bujaldón, R., Cuadrado, A., Volyniuk, D., Grazulevicius, J., Puigdollers, J., & Velasco, D. (2023). Role of the alkylation patterning in the performance of OTFTs: the case of thiophene- functionalized triindoles /. <i>Coatings.</i> , vol. 13(iss. 5), p. 1-13. doi: 10.3390/coatings13050896	T 005 (100)	9.2.	KTU (3,321)
772.	KTU (1)	7781904	Butkevičiūtė, E., Bikulčienė, L., & Žvirionienė, A. (2023). Physiological state evaluation in working environment using expert system and random forest machine learning algorithm /. <i>Healthcare.</i> , vol. 11(iss. 2), p. 1-17. doi: 10.3390/healthcare11020220	T 007 (50)	9.2.	KTU (3,975)
773.	KTU (0,6)	7781918	Butkute, K., Vaitkevicius, V., Sinka, M., Augonis, A., & Korjamins, A. (2023). Influence of carbonated bottom slag granules in 3D concrete printing /. <i>Materials.</i> , vol. 16(iss. 11), p. 1-22. doi: 10.3390/ma16114045	T 002 (100)	9.2.	KTU (5,002)
774.	KTU (0,1)	7782103	Castroflorio, T., Sedran, A., Parrini, S., Garino, F., Reverdito, M., & Capuozzo, R. et al. (2023). Predictability of orthodontic tooth movement with aligners: effect of treatment design /. <i>Progress in orthodontics.</i> , vol. 24(iss. 1), p. 1-12. doi: 10.1186/s40510-022- 00453-0	T 010 (100)	9.2.	KTU (3,453)
775.	KTU (1)	7782121	Čepulionytė, A., Toldinas, J., & Lozinskis, B. (2023). A multilayered preprocessing approach for recognition and classification of malicious social network messages /. <i>Electronics.</i> , vol. 12(iss. 18), p. 1-17. doi: 10.3390/electronics12183785	T 007 (100)	9.2.	KTU (6,384)
776.	KTU (0,6667)	7782133	Chakilam, S., Gaidys, R., & Brožek, J. (2023). Ultrastructure of a mechanoreceptor of the trichoid sensilla of the insect <i>Nabis rugosus</i> : stimulus-transmitting and bio-sensory architecture /. <i>Bioengineering.</i> , vol. 10(iss. 1), p. 1-16. doi: 10.3390/bioengineering10010097	T 009 (80)	9.2.	KTU (5,521)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
777.	KTU (0,0196)	7782184	Charlton, P., Allen, J., Bailon, R., Baker, S., Behar, J., & Chen, F. et al. (2023). The 2023 wearable photoplethysmography roadmap /. <i>Physiological measurement.</i> , vol. 44(iss. 11), p. 1-89. doi: 10.1088/1361-6579/acead2	T 001 (80), T 010 (20)	9.2.	KTU (0,775)
778.	KTU (0,5833)	7782258	Chen, C., Lin, K., Lin, C., Starykov, H., Bucinskas, A., & Gudeika, D. et al. (2023). Sensitivity of the hidden TADF to the linking topology of di-tert-butyl-carbazolyl and benzonitrile moieties in the molecules of emitters or hosts intended for efficient blue OLEDs /. <i>Journal of photochemistry and photobiology A: Chemistry.</i> , vol. 440, p. 1-10. doi: 10.1016/j.jphotochem. 2023.114686	T 005 (90), T 008 (10)	9.2.	KTU (7,117)
779.	KTU (1)	7782330	Ciganas, J., Bubulis, A., Jurenas, V., Griskevicius, P., Palevicius, A., & Urbaite, S. et al. (2023). Dynamic mechanical properties of PVC plastics in the formation of microstructures with novel magnetostrictor /. <i>Micromachines.</i> , vol. 14(iss. 4), p. 1-10. doi: 10.3390/mi14040820	T 009 (100)	9.2.	KTU (6,158)
780.	KTU (1)	7782345	Cigane, U., Palevicius, A., & Janusas, G. (2023). A free-standing chitosan membrane prepared by the vibration-assisted solvent casting method /. <i>Micromachines.</i> , vol. 14(iss. 7), p. 1-13. doi: 10.3390/mi14071419	T 009 (100)	9.2.	KTU (6,158)
781.	KTU (1)	7782356	Cirtautas, D., Samaitis, V., Mažeika, L., & Raišutis, R. (2023). Detection and classification of uniform and concentrated wall- thinning defects using high-order circumferential guided waves and artificial neural networks /. <i>Sensors.</i> , vol. 23(iss. 14), p. 1-22. doi: 10.3390/s23146505	T 001 (50), T 010 (50)	9.2.	KTU (7,87)
782.	KTU (0,375)	7782371	Clement, J., Alenčikienė, G., Riipi, I., Starkutė, U., Čepytė, K., & Buraitytė, A. et al. (2023). Exploring causes and potential solutions for food waste among young consumers /. <i>Foods.</i> , vol. 12(iss. 13), p. 1-20. doi: 10.3390/foods12132570	T 005 (100)	9.2.	KTU (7,307)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
783.	KTU (0,7778)	7782409	Dabuliene, A., Dainyte, A., Andruleviciene, V., Lygaitis, R., Punniyakoti, S., & Tomkeviciene, A. et al. (2023). Low-molar- mass and oligomeric derivatives of carbazole and triphenylamine containing thiazolo[5,4-d]thiazole moieties /. <i>Polymer bulletin.</i> , vol. 80(iss. 2), p. 1477-1493. doi: 10.1007/s00289-022-04118-0	T 005 (100)	9.2.	KTU (8,785)
784.	KTU (1)	7782426	Dagilis, M., & Kilikevičius, S. (2023). Aeroelasticity model for highly flexible aircraft based on the vortex lattice method /. <i>Aerospace.</i> , vol. 10(iss. 9), p. 1-13. doi: 10.3390/aerospace10090801	T 003 (100)	9.2.	KTU (7,654)
785.	KTU (1)	7782435	Dambrauskas, T., Davidoviciene, D., Eisinias, A., & Baltakys, K. (2023). Thermal stability, porosity, and catalytic activity of compound formed in a CaO-SiO <sub>2</sub> -Cu(NO <sub>3</sub> ) <sub>2</sub> -H <sub>2</sub> O system /. <i>Surfaces and interfaces.</i> , vol. 37, p. 1-8. doi: 10.1016/j.surfin. 2023.102696	T 005 (100)	9.2.	KTU (8,922)
786.	KTU (0,3333)	7782447	Danyliv, I., Ivaniuk, K., Danyliv, Y., Helzhynskyy, I., Andruleviciene, V., & Volyniuk, D. et al. (2023). Derivatives of 2- pyridone exhibiting hot-exciton TADF for sky-blue and white OLEDs /. <i>ACS Applied electronic materials.</i> , vol. 5(iss. 8), p. 4174- 4186. doi: 10.1021/acsaelm.3c00443	T 005 (100)	9.2.	KTU (5,467)
787.	KTU (1)	7782464	Daukantienė, V. (2023). Analysis of the sustainability aspects of fashion: a literature review /. <i>Textile research journal.</i> , vol. 93(iss. 3-4), p. 991-1002. doi: 10.1177/00405175221124971	T 008 (100)	9.2.	KTU (5,613)
788.	KTU (0,0588)	7782537	Decraene, B., Klein, S., Piper, I., Gregson, B., Enblad, P., & Ragauskas, A. et al. (2023). Decompressive craniectomy as a second/third-tier intervention in traumatic brain injury: a multicenter observational study /. <i>Injury.</i> , vol. 54(iss. 9), p. 1-7. doi: 10.1016/j.injury.2023.110911	T 010 (40)	9.2.	KTU (0,674)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
789.	KTU (1)	7782564	Deltuva, R., Lukočius, R., Balsevičius, R., & Kriuglaitė- Jarašiūnienė, M. (2023). Power system analysis during fast desynchronization from synchronous area and operation in islanded mode /. <i>Applied sciences.</i> , vol. 13(iss. 13), p. 1-26. doi: 10.3390/app13137552	T 001 (100)	9.2.	KTU (5,52)
790.	KTU (0,1)	7782589	Dev, B., Rahman, A., Alam, R., Repon, M., & Nawab, Y. (2023). Mapping the progress in natural fiber reinforced composites: preparation, mechanical properties, and applications /. <i>Polymer composites.</i> , vol. 44(iss. 7), p. 3748-3788. doi: 10.1002/pc.27376	T 008 (100)	9.2.	KTU (1,705)
791.	KTU (1)	7782602	Dobilaitė, V., Jucienė, M., Banionis, K., Kumžienė, J., Paukštys, V., & Stonkuvienė, A. et al. (2023). Effect of artificial aging of peel adhesion of self-adhesive tapes on different construction surfaces /. <i>Applied sciences.</i> , vol. 13(iss. 15), p. 1-17. doi: 10.3390/app13158947	T 002 (100)	9.2.	KTU (5,52)
792.	KTU (1)	7782625	Dobrovolskis, A., Kazanavičius, E., & Kižauskienė, L. (2023). Building XAI-based agents for IoT systems /. <i>Applied sciences.</i> , vol. 13(iss. 6), p. 1-13. doi: 10.3390/app13064040	T 007 (100)	9.2.	KTU (5,52)
793.	KTU (1)	7782635	Domskienė, J., Mitkute, M., & Grigaliunas, V. (2023). Sewing and adhesive bonding technologies for smart clothing production /. <i>International journal of clothing science and technology.</i> , vol. 35 (iss. 4), p. 581-595. doi: 10.1108/IJCST-02-2022-0028	T 008 (100)	9.2.	KTU (4,258)
794.	KTU (1)	7782646	Draudvilienė, L., & Raišutis, R. (2023). Estimation of Lamb wave anti-symmetric mode phase velocity in various dispersion ranges using only two signals /. <i>Symmetry.</i> , vol. 15(iss. 6), p. 1-13. doi: 10.3390/sym15061236	T 010 (100)	9.2.	KTU (4,702)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
795.	KTU (1)	7782656	Drungilas, V., Vaičiukynas, E., Ablonskis, L., & Čeponienė, L. (2023). Shapley values as a strategy for ensemble weights estimation /. <i>Applied science.</i> , vol. 13(iss. 12), p. 1-23. doi: 10.3390/app13127010	T 007 (100)	9.2.	KTU (5,52)
796.	KTU (0,1111)	7782668	Dubencovs, K., Suleiko, A., Sile, E., Petrovskis, I., Akopjana, I., & Suleiko, A. et al. (2023). The application of adaptive model predictive control for fed-batch Escherichia coli BL21 (DE3) cultivation and biosynthesis of recombinant proteins /. <i>Fermentation.</i> , vol. 9(iss. 12), p. 1-18. doi: 10.3390/fermentation9121015	T 007 (100)	9.2.	KTU (1,56)
797.	KTU (0,75)	7782700	Dzikaras, M., Barauskas, D., Pelenis, D., Vanagas, G., Mikolajūnas, M., & Shi, J. et al. (2023). Design of zeolitic imidazolate framework-8-functionalized capacitive micromachined ultrasound transducer gravimetric sensors for gas and hydrocarbon vapor detection /. <i>Sensors.</i> , vol. 23(iss. 21), p. 1-19. doi: 10.3390/s23218827	T 001 (100)	9.2.	KTU (8,347)
798.	KTU (1)	7782824	Eisinaite, V., Jasutienė, I., Vinauskienė, R., & Leskauskaitė, D. (2023). Development of bigel based dysphagia-oriented products, structured with collagen and carnauba wax: characterisation and rheological behaviour /. <i>International journal of food science and technology.</i> , vol. 58(iss. 1), p. 145-153. doi: 10.1111/ijfs.16181	T 005 (100)	9.2.	KTU (5,714)
799.	KTU (1)	7782836	Eisinas, A., & Dambrauskas, T. (2023). Cu <sup>2+</sup> ions adsorption by dense calcium silicate hydrate samples and their catalytic activity /. <i>Ceramics international.</i> , vol. 49(iss. 9, pt. B), p. 14886- 14894. doi: 10.1016/j.ceramint.2022.07.356	T 005 (100)	9.2.	KTU (10,5)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
800.	KTU (1)	7782845	Eisinas, A., & Vasiliauskiene, K. (2023). Effect of Cu <sup>2+</sup> /SO <sub>4</sub> <sup>2-</sup> ions concentration on the adsorption capacity of synthetic mayenite, its application for secondary adsorption process and utilization in cement samples /. <i>Ceramics international.</i> , vol. 49 (iss. 9, pt. B), p. 14875-14885. doi: 10.1016/j.ceramint.2022.07.261	T 005 (100)	9.2.	KTU (10,5)
801.	KTU (1)	7782867	Fedaravičius, A., Jasas, K., Gaidys, R., & Pilkauskas, K. (2023). Dynamics of the missile launch from the very short-range mobile firing unit /. <i>Shock and vibration.</i> , vol. 2023, p. 1-10. doi: 10.1155/2023/3082704	T 003 (50), T 009 (50)	9.2.	KTU (4,238)
802.	KTU (1)	7782881	Fedaravicius, A., Jasas, K., Survila, A., & Grimaila, V. (2023). Design and research of the image processing unit and telemetric equipment for the laser-guided very short range air defence systems field simulator /. <i>Elektronika ir elektrotechnika.</i> , vol. 29 (no. 4), p. 27-36. doi: 10.5755/j02.eie.33634	T 001 (20), T 003 (80)	9.00.	KTU (-)
803.	KTU (0,4091)	7782912	Gawas, P., Pandurangan, P., Rabiei, M., Palevicius, A., Vilkauskas, A., & Janusas, G. et al. (2023). Significance of Zn complex concentration on microstructure evolution and corrosion behavior of Al/WS <sub>2</sub> /. <i>Molecules.</i> , vol. 28(iss. 21), p. 1-12. doi: 10.3390/molecules28217290	T 009 (100)	9.2.	KTU (6,704)
804.	KTU (1)	7782930	Gedeike, I., Baltakys, K., & Eisinas, A. (2023). Effect of Cr <sup>3+</sup> ions on the crystallization of calcium silicate hydrates (CaO/SiO <sub>2</sub> = 1.5) under hydrothermal conditions and their thermal stability /. <i>Journal of thermal analysis and calorimetry.</i> , vol. 148(iss. 4), p. 1501-1510. doi: 10.1007/s10973-022-11802-w	T 005 (100)	9.2.	KTU (5,862)
805.	KTU (1)	7782941	Gelaziene, E., & Milasiene, D. (2023). Influence of the type of plastic and printing technologies on the compressive behavior of 3D-printed heel prototypes /. <i>Materials.</i> , vol. 16(iss. 5), p. 1-17. doi: 10.3390/ma16051930	T 008 (100)	9.2.	KTU (5,895)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
806.	KTU (0,2222)	7782951	Georgiou, L., Konatzii, P., Morsink-Georgali, P., Klumbyte, E., Christou, P., & Fokaides, P. (2023). Numerical and environmental analysis of post constructive application of PCM coatings for the improvement of the energy performance of building structures /. <i>Construction and building materials.</i> , vol. 364, p. 1-27. doi: 10.1016/j.conbuildmat.2022.129984	T 002 (100)	9.2.	KTU (4,565)
807.	KTU (0,75)	7782972	Georgiou, L., Stasiulienė, L., Valancius, R., Seduikyte, L., Jurelionis, A., & Fokaides, P. (2023). Investigation of the performance of mock-target IR thermography for indoor air temperature measurements under transient conditions /. <i>Measurement.</i> , vol. 208, p. 1-8. doi: 10.1016/j.measurement. 2023.112461	T 002 (40), T 006 (30), T 010 (30)	9.2.	KTU (13,623)
808.	KTU (0,8)	7782985	Ghasemi, M., Mahmoudi, M., Gudeika, D., Leitonas, K., Simokaitiene, J., & Dabulienė, A. et al. (2023). Effects of the change of isomers on room-temperature phosphorescence, thermally activated delayed fluorescence, and long persistent luminescence of organic hole-transporting materials with the selective potential for the application in electronic devices and optical sensors of oxygen /. <i>Chemical engineering journal.</i> , vol. 473, p. 234-238. doi: 10.1016/j.cej.2023.145004	T 005 (100)	9.2.	KTU (17,111)
809.	KTU (1)	7783002	Gineika, A., & Baltakys, K. (2023). The effect of hydrothermal treatment conditions and silica source on the formation of cuspidine /. <i>Journal of thermal analysis and calorimetry.</i> , vol. 148 (iss. 10), p. 3965-3974. doi: 10.1007/s10973-023-12022-6	T 005 (100)	9.2.	KTU (5,862)
810.	KTU (1)	7783117	Gineika, A., Baltakys, K., Dambrauskas, T., & Siauciunas, R. (2023). Hydration properties and CO <sub>2</sub> -curing of synthetic cuspidine samples /. <i>Journal of thermal analysis and calorimetry.</i> , vol. 148(iss. 4), p. 1511-1521. doi: 10.1007/s10973-022-11843-1	T 005 (100)	9.2.	KTU (5,862)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
811.	KTU (0,5)	7783129	Goolak, S., Kondratieva, L., Riabov, I., Lukoševičius, V., Keršys, A., & Makaras, R. (2023). Research and optimization of hybrid on-board energy storage system of an electric locomotive for quarry rail transport /. <i>Energies.</i> , vol. 16(iss. 7), p. 1-19. doi: 10.3390/en16073293	T 003 (100)	9.2.	KTU (4,368)
812.	KTU (0,6)	7783145	Goolak, S., Liubarskyi, B., Lukoševičius, V., Keršys, R., & Keršys, A. (2023). Operational diagnostics system for asymmetric emergency modes in traction drives with direct torque control /. <i>Applied sciences.</i> , vol. 13(iss. 9), p. 1-30. doi: 10.3390/app13095457	T 003 (100)	9.2.	KTU (5,737)
813.	KTU (0,5)	7783160	Goolak, S., Liubarskyi, B., Riabov, I., Lukoševičius, V., Keršys, A., & Kilikevičius, S. (2023). Analysis of the efficiency of traction drive control systems of electric locomotives with asynchronous traction motors /. <i>Energies.</i> , vol. 16(iss. 9), p. 1-30. doi: 10.3390/en16093689	T 003 (100)	9.2.	KTU (4,368)
814.	KTU (0,5)	7783175	Grauzeliene, S., Schuller, A., Delaite, C., & Ostrauskaite, J. (2023). Biobased vitrimer synthesized from 2-hydroxy-3-phenoxypropyl acrylate, tetrahydrofurfuryl methacrylate and acrylated epoxidized soybean oil for digital light processing 3D printing /. <i>European polymer journal.</i> , vol. 198, p. 1-9. doi: 10.1016/j.eurpolymj.2023.112424	T 005 (100)	9.2.	KTU (9,057)
815.	KTU (0,5)	7783189	Grauzeliene, S., Schuller, A., Delaite, C., & Ostrauskaite, J. (2023). Development and digital light processing 3D printing of a vitrimer composed of glycerol 1,3-diglycerolate diacrylate and tetrahydrofurfuryl methacrylate /. <i>ACS Applied polymer materials.</i> , vol. 5(iss. 9), p. 6958-6965. doi: 10.1021/acsp.3c01018	T 005 (100)	9.2.	KTU (5,361)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
816.	KTU (1)	7783201	Grigaliūnas, Š., Brūzgienė, R., & Venčkauskas, A. (2023). Ontology-driven digital profiling for identification and linking evidence across social media platform /. <i>IEEE Access.</i> , vol. 11, p. 111672-111691. doi: 10.1109/ACCESS.2023.3322162	T 007 (100)	9.2.	KTU (7,963)
817.	KTU (1)	7783212	Grigaliūnas, Š., Brūzgienė, R., & Venčkauskas, A. (2023). The method for identifying the scope of cyberattack stages in relation to their impact on cyber-sustainability control over a system /. <i>Electronics.</i> , vol. 12(iss. 3), p. 1-22. doi: 10.3390/electronics12030591	T 007 (100)	9.2.	KTU (6,384)
818.	KTU (0,9167)	7783224	Grigaliūnas, V., Meškinis, Š., Jucius, D., Lazauskas, A., Andrulevičius, M., & Guobienė, A. et al. (2023). Anti-fogging technique for protection of optical grating scales /. <i>Optical materials.</i> , vol. 142, p. 1-8. doi: 10.1016/j.optmat.2023.113998	T 008 (100)	9.2.	KTU (9,658)
819.	KTU (0,875)	7783250	Griskevicius, P., Spakauskas, K., Mahato, S., Grigaliūnas, V., Raisutis, R., & Eidukynas, D. et al. (2023). Experimental and numerical study of healing effect on delamination defect in infusible thermoplastic composite laminates /. <i>Materials.</i> , vol. 16 (iss. 20), p. 1-16. doi: 10.3390/ma16206764	T 009 (90), T 010 (10)	9.2.	KTU (7,294)
820.	KTU (0,75)	7783288	Gudoniene, D., Staneviciene, E., Buksnaitis, V., & Daley, N. (2023). The scenarios of artificial intelligence and wireframes implementation in engineering education /. <i>Sustainability.</i> , vol. 15(iss. 8), p. 1-18. doi: 10.3390/su15086850	T 007 (100)	9.2.	KTU (6,839)
821.	KTU (0,3333)	7783299	Harris, M., Raza, A., Potgieter, J., Imdad, A., Rimašauskienė, R., & Mahmood Arif, K. (2023). 3D printed biodegradable polymer reinforced concrete with high structural stability /. <i>Structures.</i> , vol. 51, p. 1609-1621. doi: 10.1016/j.istruc.2023.03.156	T 009 (100)	9.2.	KTU (4,737)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
822.	KTU (0,375)	7783320	Hosseinnezhad, M., Ghahari, M., Mobarhan, G., Fathi, M., Palevicius, A., & Nutalapati, V. et al. (2023). New insights into improving the photovoltaic performance of dye-sensitized solar cells by removing platinum from the counter electrode using a graphene-MoS2 composite or hybrid /. <i>Micromachines.</i> , vol. 14 (iss. 12), p. 1-14. doi: 10.3390/mi14122161	T 009 (100)	9.2.	KTU (4,618)
823.	KTU (0,1429)	7783357	Hussain, M., Khan, M., Damaševičius, R., Alasiry, A., Marzougui, M., & Alhaisoni, M. et al. (2023). SkinNet-INIO: multiclass skin lesion localization and classification using fusion-assisted deep neural networks and improved nature-inspired optimization algorithm /. <i>Diagnostics.</i> , vol. 13(iss. 18), p. 1-25. doi: 10.3390/diagnostics13182869	T 007 (100)	9.2.	KTU (2,927)
824.	KTU (0,0667)	7783374	Islam, T., Repon, M., Islam, T., Sarwar, Z., & Rahman, M. (2023). Impact of textile dyes on health and ecosystem: a review of structure, causes, and potential solutions /. <i>Environmental science and pollution research.</i> , vol. 30(iss. 4), p. 9207-9242. doi: 10.1007/s11356-022-24398-3	T 008 (100)	9.00.	KTU (–)
825.	KTU (0,2143)	7783387	Ivaniuk, K., Stakhira, P., Yaremchuk, I., Kutsiy, S., Bulavinets, T., & Volyniuk, D. et al. (2023). (Tetrafluorovinylphenyl)carbazole as a multifunctional material for OLED applications /. <i>ACS Applied electronic materials.</i> , vol. 5(iss. 4), p. 2156-2168. doi: 10.1021/acsaelm.3c00047	T 005 (100)	9.2.	KTU (4,65)
826.	KTU (0,1)	7783409	Ivanoska-Dacikj, A., Oguz-Gouillart, Y., Hossain, G., Kaplan, M., Sivri, Ç., & Ros-Lis, J. et al. (2023). Advanced and smart textiles during and after the COVID-19 pandemic: issues, challenges, and innovations /. <i>Healthcare.</i> , vol. 11(iss. 8), p. 1-27. doi: 10.3390/healthcare11081115	T 008 (100)	9.2.	KTU (3,277)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
827.	KTU (1)	7783436	Jagelaviciute, J., Staniulyte, G., Cizeikiene, D., & Basinskiene, L. (2023). Influence of enzymatic hydrolysis on composition and technological properties of apple pomace and its application for wheat bread making /. <i>Plant foods for human nutrition.</i> , vol. 78 (iss. 2), p. 307-313. doi: 10.1007/s11130-023-01054-w	T 005 (100)	9.2.	KTU (7,055)
828.	KTU (1)	7783448	Jančaitienė, K., Medekšaitė, A., & Šlinkšienė, R. (2023). Influence of the process parameters on the synthesis of urea phosphate and the properties of the obtained product /. <i>Crystals.</i> , vol. 13 (iss. 11), p. 1-16. doi: 10.3390/cryst13111584	T 005 (100)	9.2.	KTU (5,275)
829.	KTU (1)	7783459	Jaras, J., Navaruckiene, A., & Ostrauskaite, J. (2023). Thermoresponsive shape-memory biobased photopolymers of tetrahydrofurfuryl acrylate and tridecyl methacrylate /. <i>Materials.</i> , vol. 16(iss. 6), p. 1-13. doi: 10.3390/ma16062156	T 005 (100)	9.2.	KTU (5,895)
830.	KTU (1)	7783496	Jonuškienė, I., Stankevičienė, R., Kantminienė, K., & Tumosienė, I. (2023). The influence of phytohormones on antioxidative and antibacterial activities in callus cultures of <i>Hypericum perforatum</i> L /. <i>Agriculture.</i> , vol. 13(iss. 8), p. 1-14. doi: 10.3390/agriculture13081543	T 005 (30)	9.2.	KTU (2,835)
831.	KTU (1)	7783508	Jreije, A., Mutyala, S., Urbonavičius, B., Šablinskaitė, A., Keršienė, N., & Puišo, J. et al. (2023). Modification of 3D printable polymer filaments for radiation shielding applications /. <i>Polymers.</i> , vol. 15 (iss. 7), p. 1-17. doi: 10.3390/polym15071700	T 008 (50)	9.2.	KTU (4,427)
832.	KTU (1)	7783525	Jucius, D., Grigaliūnas, V., Juodėnas, M., Guobienė, A., & Lazauskas, A. (2023). CF4/O2 inductively coupled plasma etching of silicate glass for antifogging applications /. <i>Optical materials.</i> , vol. 136, p. 1-9. doi: 10.1016/j.optmat.2023.113437	T 008 (50)	9.2.	KTU (3,725)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
833.	KTU (0,25)	7783547	Jumadilov, T., Utesheva, A., Grazulevicius, J., & Imangazy, A. (2023). Selective sorption of cerium ions from uranium- containing solutions by remotely activated ion exchangers /. <i>Polymers.</i> , vol. 15(iss. 4), p. 1-11. doi: 10.3390/polym15040816	T 005 (100)	9.2.	KTU (3,834)
834.	KTU (1)	7783560	Jurgelaitis, M., Čeponienė, L., Butkus, K., Butkienė, R., & Drungilas, V. (2023). MDA-based approach for blockchain smart contract development /. <i>Applied sciences.</i> , vol. 13(iss. 1), p. 1-28. doi: 10.3390/app13010487	T 007 (100)	9.2.	KTU (5,52)
835.	KTU (0,6667)	7783572	Jurkevičiūtė, A., Dolmantas, P., Vasiliauskas, A., Tamulevičienė, A., Meškinis, Š., & Poplauskas, R. et al. (2023). Magnetron sputtering process for deposition of multilayered thin diamond- like carbon films with silver nanoparticles for anti-reflective coatings and refractometric sensing /. <i>Materials chemistry and physics.</i> , vol. 309, p. 1-10. doi: 10.1016/j.matchemphys. 2023.128425	T 008 (50)	9.2.	KTU (3,432)
836.	KTU (1)	7783595	Kairys, A., & Raudonis, V. (2023). Analysis of training data augmentation for diabetic foot ulcer semantic segmentation /. <i>Electronics.</i> , vol. 12(iss. 22), p. 1-14. doi: 10.3390 /electronics12224624	T 001 (30), T 007 (70)	9.2.	KTU (6,384)
837.	KTU (0,2)	7783608	Kalkowski, M., Lowe, M., Samaitis, V., Schreyer, F., & Robert, S. (2023). Weld map tomography for determining local grain orientations from ultrasound /. <i>Proceedings of the Royal society A: Mathematical, physical and engineering sciences.</i> , vol. 479(iss. 2277), p. 1-28. doi: 10.1098/rspa.2023.0236	T 010 (100)	9.2.	KTU (2,487)
838.	KTU (1)	7783620	Kaminskas, R., Barauskas, I., & Kazlauskas, E. (2023). Supplementary cementitious materials from different wastes /. <i>ACI Materials journal.</i> , vol. 120(iss. 3), p. 73-79. doi: 10.14359 /51738684	T 005 (100)	9.2.	KTU (4,364)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
839.	KTU (1)	7783630	Kaminskas, R., Barauskas, I., & Laskevicius, K. (2023). Improvement of the pozzolanic properties of calcined mica clay /. <i>Journal of materials in civil engineering.</i> , vol. 35(iss. 1), p. 1-8. doi: 10.1061/(ASCE)MT.1943-5533.0004540	T 005 (100)	9.2.	KTU (6,131)
840.	KTU (1)	7783641	Kaminskas, R., & Savickaite, B. (2023). Expanded clay production waste as supplementary cementitious material /. <i>Sustainability.</i> , vol. 15(iss. 15), p. 1-12. doi: 10.3390/su151511850	T 005 (100)	9.2.	KTU (6,447)
841.	KTU (0,5)	7783651	Kaniowski, R., Pastuszko, R., Dragašius, E., & Baskutis, S. (2023). Pool boiling of ethanol on copper surfaces with rectangular microchannels /. <i>Energies.</i> , vol. 16(iss. 23), p. 1-19. doi: 10.3390/en16237883	T 008 (100)	9.2.	KTU (3,566)
842.	KTU (0,2913)	7783683	Kerner, K., Kazernavičiūtė, R., Jōudu, I., Rocchetti, G., Lucini, L., & Tānavots, A. et al. (2023). Evaluation of different blackcurrant seed ingredients in meatballs by using conventional quality assessment and untargeted metabolomics /. <i>Meat science.</i> , vol. 200, p. 1-13. doi: 10.1016/j.meatsci.2023.109160	T 005 (100)	9.2.	KTU (5,117)
843.	KTU (0,3636)	7783699	Keruckas, J., Janasik, P., Keruckienė, R., Czulkin, P., Czichy, M., & Lapkowski, M. et al. (2023). N,N-Bis(9-methyl-3-carbazolyl)-4- anisidine as an electroactive material for use in perovskite solar cells /. <i>ACS Applied energy materials.</i> , vol. 6(iss. 11), p. 5720- 5728. doi: 10.1021/acsaem.3c00102	T 005 (100)	9.2.	KTU (6,588)
844.	KTU (0,6667)	7783718	Keruckiene, R., Guzauskas, M., Volyniuk, D., da Silva Filho, D., Sini, G., & Grazulevicius, J. (2023). Computational and spectral analysis of derivatives of 9,9-dimethyl-9,10-dihydroacridine and 10-Phenyl-10H-phenothiazine-5,5-dioxide with hybridized local and charge-transfer excited states for optoelectronic applications /. <i>Spectrochimica acta Part A: Molecular and biomolecular spectroscopy.</i> , vol. 303, p. 1-10. doi: 10.1016/j.saa.2023.123200	T 005 (100)	9.2.	KTU (15,677)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
845.	KTU (0,3333)	7783731	Keruckiene, R., Lin, B., Chen, C., Chu, C., Lin, C., & Volyniuk, D. et al. (2023). Organic light-emitting diodes with a single emissive layer of 3,6-di-tert-butyl-carbazolyl-disubstituted trifluoromethyl benzene showing an ultra-broad white electroluminescence spectrum /. <i>Dyes and pigments.</i> , vol. 212, p. 1-9. doi: 10.1016/j.dyepig.2023.111133	T 005 (100)	9.2.	KTU (5,254)
846.	KTU (0,4286)	7783757	Keruckiene, R., Vijaikis, E., Chen, C., Lin, B., Huang, J., & Chu, C. et al. (2023). Power efficiency enhancement of organic light- emitting diodes due to the favorable horizontal orientation of a naphthyridine-based thermally activated delayed fluorescence luminophore /. <i>ACS Applied electronic materials.</i> , vol. 5(iss. 2), p. 1013-1023. doi: 10.1021/acsaelm.2c01529	T 005 (100)	9.2.	KTU (7,859)
847.	KTU (0,5)	7783778	Khan, F., Mahmoudi, M., Gupta, P., Volyniuk, D., Grazulevicius, J., & Misra, R. (2023). Mechanochromic materials based on tetraphenylethylene-substituted phenothiazines: substituent- dependent hypsochromic and bathochromic switching of emission /. <i>Journal of physical chemistry C.</i> , vol. 127(iss. 3), p. 1643-1654. doi: 10.1021/acs.jpcc.2c07010	T 005 (100)	9.2.	KTU (3,988)
848.	KTU (0,125)	7783791	Khan, M., Khan, A., Alhaisoni, M., Alqahtani, A., Alsubai, S., & Alharbi, M. et al. (2023). Multimodal brain tumor detection and classification using deep saliency map and improved dragonfly optimization algorithm /. <i>International journal of imaging systems and technology.</i> , vol. 33(iss. 2), p. 572-587. doi: 10.1002/ima.22831	T 007 (100)	9.2.	KTU (2,073)
849.	KTU (1)	7783807	Kibirškis, E., Pauliukaitis, D., Vaitasius, K., Gegeckienė, L., Venytė, I., & Jurėnas, V. (2023). Research of multi-mode pneumatic vibroactuator /. <i>Actuators.</i> , vol. 12(iss. 9), p. 1-18. doi: 10.3390/act12090348	T 009 (100)	9.2.	KTU (6,13)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
850.	KTU (1)	7783821	Kilikevičius, S., Liutkauskienė, K., Česnavičius, R., Keršys, A., & Makaras, R. (2023). Investigation of the motion characteristics of parts on a platform subjected to planar oscillations /. <i>Applied sciences.</i> , vol. 13(iss. 17), p. 1-15. doi: 10.3390/app13179576	T 003 (40), T 009 (60)	9.2.	KTU (5,52)
851.	KTU (0,25)	7783836	Klavins, L., Almonaitytė, K., Šalaševičienė, A., Zommere, A., Spalvis, K., & Vincevica-Gaile, Z. et al. (2023). Strategy of coniferous needle biorefinery into value-added products to implement circular bioeconomy concepts in forestry side stream utilization /. <i>Molecules.</i> , vol. 28(iss. 20), p. 1-25. doi: 10.3390/molecules28207085	T 005 (100)	9.2.	KTU (3,664)
852.	KTU (0,6875)	7783852	Klumbyte, E., Georgali, P., Spudys, P., Giama, E., Morkunaite, L., & Pupeikis, D. et al. (2023). Enhancing whole building life cycle assessment through building information modelling: principles and best practices /. <i>Energy and buildings.</i> , vol. 296, p. 1-12. doi: 10.1016/j.enbuild.2023.113401	T 002 (100)	9.2.	KTU (12,694)
853.	KTU (0,8333)	7783868	Knyva, M., Gailius, D., Balčiūnas, G., Pratašius, D., Kuzas, P., & Kukanauskaitė, A. (2023). IoT sensor network for wild-animal detection near roads /. <i>Sensors.</i> , vol. 23(iss. 21), p. 1-19. doi: 10.3390/s23218929	T 001 (70), T 010 (30)	9.2.	KTU (9,274)
854.	KTU (0,25)	7783897	Krivenko, P., Rudenko, I., Konstantynovskyi, O., & Vaičiukynienė, D. (2023). Feasibility of incorporating SO <sub>4</sub> <sup>2-</sup> ions in zeolite-like matrices based on alkaline aluminosilicate binders /. <i>Construction and building materials.</i> , vol. 391, p. 1-12. doi: 10.1016/j.conbuildmat.2023.131878	T 002 (100)	9.2.	KTU (4,194)
855.	KTU (0,95)	7783908	Krugly, E., Ravikumar, P., Dabašinskaitė, L., Tichonovas, M., Ciuzas, D., & Prasauskas, T. et al. (2023). Nanofibrous aerosol sample filter substrates: design, fabrication, and characterization /. <i>Journal of aerosol science.</i> , vol. 169, p. 1-12. doi: 10.1016/j.jaerosci.2022.106118	T 004 (90), T 005 (10)	9.2.	KTU (10,128)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
856.	KTU (1)	7783928	Krylova, V., Dobilaitė, V., & Jucienė, M. (2023). Preparation and characterization of Ag <sub>2</sub> O thin films on construction textiles for optoelectronics applications: effect of aging on its optical and structural properties /. <i>Coatings.</i> , vol. 13(iss. 9), p. 1-22. doi: 10.3390/coatings13091613	T 008 (70)	9.2.	KTU (4,026)
857.	KTU (0,3333)	7783942	Kucova, T., Prauzek, M., Konecny, J., Andriukaitis, D., Zily, M., & Martinek, R. (2023). Thermoelectric energy harvesting for internet of things devices using machine learning: a review /. <i>CAAI transactions on intelligence technology.</i> , vol. 8(iss. 3), p. 680-700. doi: 10.1049/cit2.12259	T 001 (100)	9.2.	KTU (5,983)
858.	KTU (1)	7783971	Kudrevicius, L., Adliene, D., Puiso, J., & Plaga, A. (2023). Investigation of colored film indicators for the assessment of the occasional radiation exposure /. <i>Gels.</i> , vol. 9(iss. 3), p. 1-17. doi: 10.3390/gels9030189	T 008 (50)	9.2.	KTU (4,646)
859.	KTU (0,375)	7783985	Kumpikaitė, E., Nykorak, O., Nenartavičiūtė, E., Herus, L., Kutsyr, T., & Milašienė, D. et al. (2023). Comparative analysis of western Ukrainian and Lithuanian folk towels /. <i>Fibres and textiles in Eastern Europe.</i> , vol. 31(iss. 2), p. 26-38. doi: 10.2478/ftce-2023- 0013	T 008 (100)	9.00.	KTU (-)
860.	KTU (1)	7784001	Kutraite, I., & Malys, N. (2023). Development and application of whole-cell biosensors for the detection of gallic acid /. <i>ACS synthetic biology.</i> , vol. 12(iss. 2), p. 533-543. doi: 10.1021/acssynbio.2c00537	T 005 (100)	9.2.	KTU (9)
861.	KTU (0,6364)	7784011	Laucka, A., Andriukaitis, D., Valinevicius, A., Zily, M., Navikas, D., & Balasevicius, L. et al. (2023). New approach for fertiliser size assessment using contactless scanning /. <i>Mathematics.</i> , vol. 11(iss. 17), p. 1-13. doi: 10.3390/math11173676	T 001 (100)	9.2.	KTU (21,174)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
862.	KTU (0,6667)	7784029	Laurinavičius, D., Maskeliūnas, R., & Damaševičius, R. (2023). Improvement of facial beauty prediction using artificial human faces generated by generative adversarial network /. <i>Cognitive computation.</i> , vol. 15(iss. 3), p. 998-1015. doi: 10.1007/s12559-023-10117-8	T 007 (100)	9.2.	KTU (8,337)
863.	KTU (1)	7784040	Lazauskas, A., Andrulevičius, M., Abakevičienė, B., Jucius, D., Grigaliūnas, V., & Guobienė, A. et al. (2023). Hydrophilic surface modification of amorphous hydrogenated carbon nanocomposite films via atmospheric oxygen plasma treatment /. <i>Nanomaterials.</i> , vol. 13(iss. 6), p. 1-9. doi: 10.3390/nano13061108	T 008 (50)	9.2.	KTU (3,611)
864.	KTU (0,5)	7784057	Leitonas, K., Vigante, B., Volyniuk, D., Bucinskas, A., Dimitrijevs, P., & Lapcinska, S. et al. (2023). Aromatic systems with two and three pyridine-2,6-dicarbazolyl-3,5-dicarbonitrile fragments as electron-transporting organic semiconductors exhibiting long-lived emissions /. <i>Beilstein journal of organic chemistry.</i> , vol. 19, p. 1867-1880. doi: 10.3762/bjoc.19.139	T 005 (100)	9.2.	KTU (4,439)
865.	KTU (0,5556)	7784072	Leitonas, K., Vigante, B., Volyniuk, D., Bucinskas, A., Keruckiene, R., & Dimitrijevs, P. et al. (2023). 3,5-Dicyanopyridine motifs for electron-transporting semiconductors: from design and synthesis to efficient organic light-emitting diodes /. <i>Journal of materials chemistry C.</i> , vol. 11(iss. 28), p. 9514-9526. doi: 10.1039/d3tc00841j	T 005 (100)	9.2.	KTU (8,98)
866.	KTU (1)	7784088	Lekeckas, K., Stirbė, J., Ancutiene, K., & Valusyte, R. (2023). Testing of 3D printing on textile fabrics for garments application within circular design /. <i>International journal of clothing science and technology.</i> , vol. 35(iss. 4), p. 627-647. doi: 10.1108/IJCST-06-2022-0080	T 008 (100)	9.2.	KTU (4,258)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
867.	KTU (1)	7784101	Lekniute-Kyzike, E., Bendoraitiene, J., Navikaite-Snipaitiene, V., Peciulyte, L., & Rutkaite, R. (2023). Production of cationic starch- based flocculants and their application in thickening and dewatering of the municipal sewage sludge /. <i>Materials.</i> , vol. 16 (iss. 7), p. 1-13. doi: 10.3390/ma16072621	T 005 (100)	9.2.	KTU (5,895)
868.	KTU (1)	7784114	Lendraitis, M., & Lukoševičius, V. (2023). Novel approach of airfoil shape representation using modified finite element method for morphing trailing edge /. <i>Mathematics.</i> , vol. 11(iss. 9), p. 1-14. doi: 10.3390/math11091986	T 003 (100)	9.2.	KTU (16,636)
869.	KTU (0,125)	7784123	Li, L., Bagheri, H., Sajadi, S., Yang, C., Andriukaitis, D., & Li, Z. et al. (2023). Effect of microchannel wall dimensions and temperature on ethylene glycol fluid's thermal performance in two-dimensional microchannels using molecular dynamics simulation /. <i>Engineering analysis with boundary elements.</i> , vol. 152, p. 214-224. doi: 10.1016/j.enganabound.2023.03.044	T 001 (100)	9.2.	KTU (4,294)
870.	KTU (0,1667)	7784204	Liu, X., Wu, L., Guo, X., Andriukaitis, D., Królczyk, G., & Li, Z. (2023). A novel approach for surface defect detection of lithium battery based on improved K-nearest neighbor and Euclidean clustering segmentation /. <i>International journal of advanced manufacturing technology.</i> , vol. 127(iss. 1-2), p. 971-985. doi: 10.1007/s00170-023-11507-w	T 001 (100)	9.2.	KTU (1,763)
871.	KTU (0,1429)	7784218	Li, X., Rao, W., Lu, D., Guo, J., Guo, T., & Andriukaitis, D. et al. (2023). Obstacle avoidance for automated guided vehicles in real-world workshops using the grid method and deep learning /. <i>Electronics.</i> , vol. 12(iss. 20), p. 1-16. doi: 10.3390/electronics12204296	T 001 (100)	9.2.	KTU (1,58)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
872.	KTU (0,2)	7784244	Lozano, D., Bulling, J., Asokkumar, A., Gravenkamp, H., & Birk, C. (2023). 3D simulations of ultrasonic waves in plates using the scaled boundary finite element method and high-order transition elements /. <i>Wave motion.</i> , vol. 120, p. 1-20. doi: 10.1016/j.wavemoti.2023.103158	T 010 (100)	9.2.	KTU (2,41)
873.	KTU (1)	7784288	Lukoševičius, V., Juodvalkis, D., Keršys, A., & Makaras, R. (2023). Investigation of functionality of vehicle crumple zones recovered after a traffic accident /. <i>Applied sciences.</i> , vol. 13(iss. 3), p. 1-29. doi: 10.3390/app13031686	T 003 (100)	9.2.	KTU (5,52)
874.	KTU (0,6667)	7784311	Mahato, S., Chakraborty, A., & Griškevičius, P. (2023). A data- driven system identification method for random eigenvalue problem using synchrosqueezed energy and phase portrait analysis /. <i>Sensors.</i> , vol. 23(iss. 7), p. 1-27. doi: 10.3390/s23073421	T 009 (100)	9.2.	KTU (7,419)
875.	KTU (1)	7784322	Mahmoudi, M., Urbonas, E., Volyniuk, D., Gudeika, D., Dabrovolskas, K., & Simokaitiene, J. et al. (2023). Indolocarbazoles with sterically unrestricted electron-accepting anchors showcasing aggregation-induced thermally activated delayed mechanoluminescence for host-free organic light- emitting diodes /. <i>Molecules.</i> , vol. 28(iss. 16), p. 1-17. doi: 10.3390/molecules28165999	T 005 (100)	9.2.	KTU (7,329)
876.	KTU (0,1)	7784343	Mamun, M., Haji, A., Mahmud, M., Repon, M., & Islam, M. (2023). Bibliometric evidence on the trend and future direction of the research on textile coloration with natural sources /. <i>Coatings.</i> , vol. 13(iss. 2), p. 1-23. doi: 10.3390/coatings13020413	T 008 (100)	9.2.	KTU (1,286)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
877.	KTU (0,75)	7784376	Maqsood, N., Mahato, S., Rimašauskas, M., & Muna, I. (2023). Experimental analysis, analytical approach and numerical simulation to estimate the elastic modulus of 3D printed CCFRPC under mechanical loadings /. <i>Journal of the Brazilian society of mechanical sciences and engineering.</i> , vol. 45(iss. 9), p. 1-15. doi: 10.1007/s40430-023-04408-2	T 009 (100)	9.2.	KTU (5,733)
878.	KTU (1)	7784388	Maqsood, N., & Rimašauskas, M. (2023). Development and fabrication of continuous carbon fiber reinforced thermoplastic porous composite structures with different infill patterns by using additive manufacturing /. <i>Journal of thermoplastic composite materials.</i> , vol. 36(iss. 5), p. 2050-2075. doi: 10.1177 /08927057221088468	T 009 (100)	9.2.	KTU (5,938)
879.	KTU (1)	7784397	Maqsood, S., & Damaševičius, R. (2023). Multiclass skin lesion localization and classification using deep learning based features fusion and selection framework for smart healthcare /. <i>Neural networks.</i> , vol. 160, p. 238-258. doi: 10.1016/j.neunet. 2023.01.022	T 007 (100)	9.2.	KTU (11,548)
880.	KTU (1)	7784460	Markuniene, I., Rabiei, M., Nasiri, S., Urbaite, S., Palevicius, A., & Janusas, G. (2023). Biocompatible piezoelectric PVDF/HA/AgNO <sub>3</sub> thin film prepared by the solvent casting method /. <i>Sensors.</i> , vol. 23(iss. 1), p. 1-15. doi: 10.3390/s23010289	T 009 (100)	9.2.	KTU (7,869)
881.	KTU (1)	7784474	Masaitis, D., Urniezius, R., Simutis, R., Vaitkus, V., Matukaitis, M., & Kemesis, B. et al. (2023). An approach for the estimation of concentrations of soluble compounds in E. coli bioprocesses /. <i>Entropy.</i> , vol. 25(iss. 9), p. 1-17. doi: 10.3390/e25091302	T 001 (30), T 007 (70)	9.2.	KTU (6,323)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
882.	KTU (0,75)	7784492	Masimukku, N., Mahmoudi, M., Volyniuk, D., Dabuliene, A., Macionis, S., & Matulis, V. et al. (2023). Molecular glasses based on 1,8-naphthalimide and triphenylamine moieties as bipolar red fluorescent OLED emitters with conventional versus TADF hosting / <i>Spectrochimica acta Part A: Molecular and biomolecular spectroscopy.</i> , vol. 288, p. 1-14. doi: 10.1016/j.saa.2022.122185	T 005 (100)	9.2.	KTU (17,637)
883.	KTU (1)	7784507	Masionė, G., Čiužas, D., Krugly, E., Stasiulaitenė, I., Pečiulytė, L., & Tichonovas, M. et al. (2023). Formation and characterisation of biobased poly(butylene succinate) electrospun nanofibre scaffolds / <i>Materials today communications.</i> , vol. 37, p. 1-12. doi: 10.1016/j.mtcomm.2023.107212	T 004 (100)	9.2.	KTU (6,544)
884.	KTU (1)	7784567	Matulis, P., & Malys, N. (2023). Nanomolar biosensor for detection of phenylacetic acid and L-phenylalanine / <i>Biochemical engineering journal.</i> , vol. 191, p. 1-9. doi: 10.1016/j.bej.2022.108765	T 005 (100)	9.2.	KTU (6,847)
885.	KTU (1)	7784577	Medževėprytė, U., Makaras, R., Lukoševičius, V., & Kilikevičius, S. (2023). Application and efficiency of a series-hybrid drive for agricultural use based on a modified version of the world harmonized transient cycle / <i>Energies.</i> , vol. 16(iss. 14), p. 1-16. doi: 10.3390/en16145379	T 003 (100)	9.2.	KTU (5,043)
886.	KTU (0,25)	7784613	Mohammadi Far, S., Beiramvand, M., Shahbakhti, M., & Augustyniak, P. (2023). Prediction of preterm labor from the electrohysterogram signals based on different gestational weeks / <i>Sensors.</i> , vol. 23(iss. 13), p. 1-13. doi: 10.3390/s23135965	T 010 (100)	9.2.	KTU (3,408)
887.	KTU (0,8)	7784625	Monstvilas, E., Borg, S., Norvaišienė, R., Banionis, K., & Ramanauskas, J. (2023). Impact of the EPBD on changes in the energy performance of multi-apartment buildings in Lithuania / <i>Sustainability.</i> , vol. 15(iss. 3), p. 1-15. doi: 10.3390/su15032032	T 002 (70), T 006 (30)	9.2.	KTU (7,294)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
888.	KTU (0,1)	7784638	Moosavi, S., Zafar, M., Sanfilippo, F., Akhter, M., & Hadi, S. (2023). Early mental stress detection using q-learning embedded starling murmuration optimiser-based deep learning model /. <i>IEEE Access.</i> , vol. 11, p. 116860-116878. doi: 10.1109/ACCESS.2023.3326129	T 007 (100)	9.2.	KTU (1,379)
889.	KTU (1)	7784651	Morkevičius, N., Liutkevičius, A., & Venčkauskas, A. (2023). Multi-objective path optimization in fog architectures using the particle swarm optimization approach /. <i>Sensors.</i> , vol. 23(iss. 6), p. 1-20. doi: 10.3390/s23063110	T 007 (100)	9.2.	KTU (7,869)
890.	KTU (1)	7784662	Motaleb, K., Abakevičienė, B., & Milašius, R. (2023). Development and characterization of bio-composites from the plant wastes of water hyacinth and sugarcane bagasse: effect of water repellent and gamma radiation /. <i>Polymers.</i> , vol. 15(iss. 7), p. 1-23. doi: 10.3390/polym15071609	T 008 (70)	9.2.	KTU (6,198)
891.	KTU (1)	7784674	Motaleb, K., Abakevičienė, B., & Milašius, R. (2023). Prospective utilization of water hyacinth and sugarcane plant wastes into a promising nonwoven biomaterial: development and improvement of their physico-mechanical properties /. <i>Cellulose.</i> , vol. 30(iss. 5), p. 3297-3316. doi: 10.1007/s10570-023-05066-2	T 008 (100)	9.2.	KTU (10,728)
892.	KTU (0,375)	7784685	Muganlı, Z., Saeidharzand, S., Rekuviene, R., Samaitis, V., Jankauskas, A., & Koşar, A. et al. (2023). Development and implementation of microbial antifreeze protein based coating for anti-icing /. <i>Advanced materials interfaces.</i> , Early access, p. 1-11. doi: 10.1002/admi.202300021	T 010 (100)	9.2.	KTU (3,783)
893.	KTU (0,4286)	7784701	Munir, M., Mayer-Gall, T., Gutmann, J., Ali, W., Etemad- Parishanzadeh, O., & Khanzada, H. et al. (2023). Development of carbon-nanodot-loaded PLA nanofibers and study of their barrier performance for medical applications /. <i>Nanomaterials.</i> , vol. 13 (iss. 7), p. 1-13. doi: 10.3390/nano13071195	T 008 (100)	9.2.	KTU (5,36)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
894.	KTU (1)	7784749	Nagybákay, N., Sarapinaitė, L., Syrpas, M., Venskutonis, P., & Kitrytė-Syrpa, V. (2023). Optimization of pressurized ethanol extraction for efficient recovery of hyperoside and other valuable polar antioxidant-rich extracts from <i>Betula pendula</i> Roth leaves /. <i>Industrial crops and products.</i> , vol. 205, p. 1-12. doi: 10.1016/j. indcrop.2023.117565	T 005 (90)	9.2.	KTU (12,395)
895.	KTU (0,1667)	7784770	Nahar, N., Heng, Q., & Shak Sadi, M. (2023). Surface modification of non-ionic polyester fabric into an anionic platform for low temperature cationic basic dyeing with improved colorfastness properties /. <i>Fibers and polymers.</i> , vol. 24(iss. 4), p. 1345-1357. doi: 10.1007/s12221-023-00146-3	T 008 (100)	9.2.	KTU (1,325)
896.	KTU (0,75)	7784781	Nakutis, Ž., Lukočius, R., Girdenis, V., & Kroičs, K. (2023). A measurement method of power transferred to an electric vehicle using wireless charging /. <i>Sensors.</i> , vol. 23(iss. 24), p. 1-20. doi: 10.3390/s23249636	T 001 (100)	9.2.	KTU (8,347)
897.	KTU (0,8333)	7784792	Nasiri, S., Hosseinezhad, M., Rabiei, M., Palevicius, A., Janusas, G., & Vilkauskas, A. (2023). Acceptor-phenyl-donor mechanochromic dyes based on 9-bromoanthracene /. <i>Journal of molecular structure.</i> , vol. 1278, p. 1-9. doi: 10.1016/j.molstruc. 2023.134953	T 009 (100)	9.2.	KTU (7,071)
898.	KTU (0,625)	7784805	Nasiri, S., Palanisamy, P., Rabiei, M., Hosseinezhad, M., Palevicius, A., & Vilkauskas, A. et al. (2023). Investigation of the influence of persulfurated benzene derivatives on optical and carrier mobility properties /. <i>Materials letters.</i> , vol. 342, p. 1-4. doi: 10.1016/j.matlet.2023.134323	T 009 (100)	9.2.	KTU (5,925)
899.	KTU (1)	7784836	Navikaite-Snipaitiene, V., Andriunaite, P., Rosliuk, D., & Rutkaite, R. (2023). Cross-linked cationic starch microgranules for removal of diclofenac from aqueous systems /. <i>Water.</i> , vol. 15(iss. 24), p. 1-17. doi: 10.3390/w15244237	T 005 (100)	9.2.	KTU (6,142)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
900.	KTU (0,1667)	7784878	Nijaguna, G., Manjunath, D., Abouhawwash, M., Askar, S., Basha, D., & Sengupta, J. (2023). Deep learning-based improved WCM technique for soil moisture retrieval with satellite images /. <i>Remote sensing.</i> , vol. 15(iss. 8), p. 1-17. doi: 10.3390/rs15082005	T 007 (100)	9.2.	KTU (3,682)
901.	KTU (1)	7784892	Nizevičienė, D., Kybartienė, N., & Jusas, V. (2023). Analysis of compressive strength of anhydrite binder using full factorial design /. <i>Materials.</i> , vol. 16(iss. 18), p. 1-14. doi: 10.3390/ma16186265	T 001 (40), T 005 (40), T 007 (20)	9.2.	KTU (5,895)
902.	KTU (0,6667)	7784909	Odusami, M., Maskeliūnas, R., & Damaševičius, R. (2023). Pareto optimized adaptive learning with transposed convolution for image fusion Alzheimer's disease classification /. <i>Brain sciences.</i> , vol. 13(iss. 7), p. 1-17. doi: 10.3390/brainsci13071045	T 007 (100)	9.2.	KTU (6,455)
903.	KTU (1)	7784920	Odusami, M., Maskeliūnas, R., & Damaševičius, R. (2023). Pixel- level fusion approach with vision transformer for early detection of Alzheimer's disease /. <i>Electronics.</i> , vol. 12(iss. 5), p. 1-19. doi: 10.3390/electronics12051218	T 007 (100)	9.2.	KTU (6,384)
904.	KTU (0,5)	7784931	Odusami, M., Maskeliūnas, R., Damaševičius, R., & Misra, S. (2023). Explainable deep-learning-based diagnosis of Alzheimer's disease using multimodal input fusion of PET and MRI images /. <i>Journal of medical and biological engineering.</i> , vol. 43(iss. 3), p. 291-302. doi: 10.1007/s40846-023-00801-3	T 007 (100)	9.2.	KTU (3,672)
905.	KTU (0,0625)	7784981	Ogundokun, R., Awotunde, J., Imoize, A., Li, C., Abdulahi, A., & Adelodun, A. et al. (2023). Non-orthogonal multiple access enabled mobile edge computing in 6G communications: a systematic literature review /. <i>Sustainability.</i> , vol. 15(iss. 9), p. 1- 34. doi: 10.3390/su15097315	T 007 (100)	9.2.	KTU (1,209)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
906.	KTU (0,0714)	7784997	Ogundokun, R., Li, A., Babatunde, R., Umezuruike, C., Sadiku, P., & Abdulahi, A. et al. (2023). Enhancing skin cancer detection and classification in dermoscopic images through concatenated MobileNetV2 and Xception models /. <i>Bioengineering.</i> , vol. 10(iss. 8), p. 1-26. doi: 10.3390/bioengineering10080979	T 007 (100)	9.2.	KTU (1,383)
907.	KTU (0,125)	7785012	Ogundokun, R., Misra, S., Akinrotimi, A., & Ogul, H. (2023). MobileNet-SVM: a lightweight deep transfer learning model to diagnose BCH scans for IoMT-based imaging sensors /. <i>Sensors.</i> , vol. 23(iss. 2), p. 1-23. doi: 10.3390/s23020656	T 007 (100)	9.2.	KTU (1,967)
908.	KTU (0,8333)	7785051	Osadcha, I., Jurelionis, A., & Fokaides, P. (2023). Geometric parameter updating in digital twin of built assets: a systematic literature review /. <i>Journal of building engineering.</i> , vol. 73, p. 1- 27. doi: 10.1016/j.job.2023.106704	T 002 (100)	9.2.	KTU (14,208)
909.	KTU (0,1111)	7785086	Pandey, G., Sikha, S., Thakur, A., Yarlagadda, S., Thatikonda, S., & Baiju suja, B. et al. (2023). Thermal mapping and heat transfer analysis of an induction motor of an electric vehicle using nanofluids as a cooling medium /. <i>Sustainability.</i> , vol. 15(iss. 10), p. 1-18. doi: 10.3390/su15108124	T 009 (100)	9.2.	KTU (1,241)
910.	KTU (1)	7785103	Papanaboina, M., Jasiuniene, E., Samaitis, V., Mažeika, L., & Griškevičius, P. (2023). Delamination localization in multilayered CFRP panel based on reconstruction of guided wave modes /. <i>Applied sciences.</i> , vol. 13(iss. 17), p. 1-19. doi: 10.3390/app13179687	T 001 (40), T 009 (20), T 010 (40)	9.2.	KTU (5,52)
911.	KTU (0,1667)	7785120	Papouis, C., Kyllili, A., & Fokaides, P. (2023). Adapting to energy storage needs: gaps and challenges arising from the European directive for the electricity internal market /. <i>Clean technologies and environmental policy.</i> , vol. 25(iss. 7), p. 2353-2366. doi: 10.1007/s10098-023-02510-6	T 002 (30), T 004 (30), T 006 (40)	9.2.	KTU (1,62)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
912.	KTU (0,25)	7785130	Park, H., Park, G., Kumar, S., Yoon, H., Baek, J., & Tamulevičius, T. et al. (2023). Synergistic effect of electrolyte additives on the suppression of dendrite growth in a flowless membraneless Zn– Br <sub>2</sub> battery /. <i>Journal of power sources.</i> , vol. 580, p. 1-8. doi: 10.1016/j.jpowsour.2023.233212	T 008 (100)	9.2.	KTU (3,94)
913.	KTU (1)	7785174	Peckus, D., Gudaitis, R., Rajackaitė, E., Monshi, M., Meškiniš, Š., & Tamulevičius, S. (2023). The quality studies of vertical graphene nanosheets catalyst-free microwave plasma-enhanced chemical vapor deposited on glass and fused silica /. <i>Physica B: Condensed matter.</i> , vol. 662, p. 1-11. doi: 10.1016/j.physb.2023.414957	T 008 (50)	9.2.	KTU (2,581)
914.	KTU (1)	7785200	Pelenis, D., Vanagas, G., Barauskas, D., Dzikaras, M., Mikolajūnas, M., & Viržonis, D. (2023). Acoustic streaming efficiency in a microfluidic biosensor with an integrated CMUT /. <i>Micromachines.</i> , vol. 14(iss. 5), p. 1-13. doi: 10.3390/mi14051012	T 001 (100)	9.2.	KTU (6,158)
915.	KTU (0,1667)	7785214	Peng, L., Hua, D., Liu, X., Andriukaitis, D., Krolczyk, G., & Li, Z. (2023). Research on control strategy of an active magnetorheological fluid bearing based on improved gray wolf optimization approach /. <i>Journal of low frequency noise, vibration and active control.</i> , vol. 42(iss. 4), p. 1821-1836. doi: 10.1177/14613484231186695	T 001 (100)	9.2.	KTU (2,528)
916.	KTU (0,75)	7785227	Petrusonyte, G., Kutová, A., Grauzeliene, S., & Ostrauskaite, J. (2023). Optimization of vanillin bis epoxy coating properties by changing resin composition and photocuring conditions /. <i>Polymer bulletin.</i> , vol. 80(iss. 11), p. 12301-12317. doi: 10.1007/s00289-022-04656-7	T 005 (100)	9.2.	KTU (6,916)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
917.	KTU (1)	7785239	Plauska, I., Liutkevičius, A., & Janavičiūtė, A. (2023). Performance evaluation of C/C++, MicroPython, Rust and TinyGo programming languages on ESP32 microcontroller /. <i>Electronics.</i> , vol. 12(iss. 1), p. 1-21. doi: 10.3390/electronics12010143	T 007 (100)	9.2.	KTU (6,384)
918.	KTU (0,5833)	7785250	Plienaitis, G., Daukšys, M., Demetriou, E., Ioannou, B., Fokaides, P., & Seduikyte, L. (2023). Evaluation of the smart readiness indicator for educational buildings /. <i>Buildings.</i> , vol. 13(iss. 4), p. 1-13. doi: 10.3390/buildings13040888	T 002 (100)	9.2.	KTU (5,488)
919.	KTU (1)	7785264	Plienis, M., Deveikis, T., Jonaitis, A., & Gudžius, S. (2023). Design of IOT-based framework for evaluation of energy efficiency in power transformers /. <i>Energies.</i> , vol. 16(iss. 11), p. 1-15. doi: 10.3390/en16114358	T 001 (100)	9.2.	KTU (5,043)
920.	KTU (1)	7785276	Plienis, M., Deveikis, T., Jonaitis, A., Gudžius, S., Konstantinavičiūtė, I., & Putnaitė, D. (2023). Improved methodology for power transformer loss evaluation: algorithm refinement and resonance risk analysis /. <i>Energies.</i> , vol. 16(iss. 23), p. 1-16. doi: 10.3390/en16237837	T 001 (50), T 006 (50)	9.2.	KTU (5,044)
921.	KTU (0,8333)	7785299	Pluščiauskaitė, V., Butkuvienė, M., Rapalis, A., Marozas, V., Sörnmo, L., & Petrėnas, A. (2023). An objective approach to identifying individual atrial fibrillation triggers: a simulation study /. <i>Biomedical signal processing and control.</i> , vol. 87(pt. A), p. 1-8. doi: 10.1016/j.bspc.2023.105369	T 001 (100)	9.2.	KTU (10,442)
922.	KTU (0,1818)	7785313	Prauzek, M., Kucova, T., Konecny, J., Adamikova, M., Gaiova, K., & Mikus, M. et al. (2023). IoT sensor challenges for geothermal energy installations monitoring: a survey /. <i>Sensors.</i> , vol. 23(iss. 12), p. 1-26. doi: 10.3390/s23125577	T 001 (100)	9.2.	KTU (2,478)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
923.	KTU (0,5)	7785332	Prozuments, A., Borodinecs, A., Zaharovs, S., Banionis, K., Monstvilas, E., & Norvaišienė, R. (2023). Evaluating reduction in thermal energy consumption across renovated buildings in Latvia and Lithuania /. <i>Buildings.</i> , vol. 13(iss. 8), p. 1-17. doi: 10.3390/buildings13081916	T 002 (60), T 006 (40)	9.2.	KTU (4,704)
924.	KTU (1)	7785364	Raišutis, R., Tumšys, O., Žukauskas, E., Samaitis, V., Draudvilienė, L., & Jankauskas, A. (2023). An inspection technique for steel pipes wall condition using ultrasonic guided helical waves and a limited number of transducers /. <i>Materials.</i> , vol. 16(iss. 15), p. 1-17. doi: 10.3390/ma16155410	T 001 (50), T 010 (50)	9.2.	KTU (5,896)
925.	KTU (0,0769)	7785379	Ramos-Vera, C., O'Diana, A., Villena, A., Bonfá-Araujo, B., Barros, L., & Noronha, A. et al. (2023). Dark and light triad: a cross- cultural comparison of network analysis in 5 countries /. <i>Personality and individual differences.</i> , vol. 215, p. 1-10. doi: 10.1016/j.paid.2023.112377	T 007 (100)	9.2.	KTU (2,784)
926.	KTU (1)	7785400	Ravikumar, C., & Markevicius, V. (2023). Development of ultrasound piezoelectric transducer-based measurement of the piezoelectric coefficient and comparison with existing methods /. <i>Processes.</i> , vol. 11(iss. 8), p. 1-13. doi: 10.3390/pr11082432	T 001 (100)	9.2.	KTU (5,063)
927.	KTU (1)	7785421	Ravikumar, C., & Markevicius, V. (2023). Ferroelectret polypropylene foam-based piezoelectric energy harvester for different seismic mass conditions /. <i>Actuators.</i> , vol. 12(iss. 5), p. 1-14. doi: 10.3390/act12050215	T 001 (100)	9.2.	KTU (6,13)
928.	KTU (1)	7785431	Ravikumar, C., & Markevicius, V. (2023). Reliability analysis of coating material on polyvinylidene fluoride layers used in piezoelectric vibration energy harvesting device /. <i>Coatings.</i> , vol. 13(iss. 11), p. 1-11. doi: 10.3390/coatings13111842	T 001 (100)	9.2.	KTU (5,752)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
929.	KTU (1)	7785440	Raza, A., Rimašauskienė, R., Jūrėnas, V., & Mahato, S. (2023). Experimental investigation of vibration amplitude control in additive manufactured PLA and PLA composite structures with MFC actuator /. <i>Engineering structures.</i> , vol. 294, p. 1-13. doi: 10.1016/j.engstruct.2023.116802	T 009 (100)	9.2.	KTU (10,909)
930.	KTU (1)	7785452	Repon, M., Gofman, R., Ragaišiene, A., Mikučionienė, D., & Milašius, R. (2023). Development of antimicrobial and antistatic textile for industrial air management systems /. <i>Fibres and textiles in Eastern Europe.</i> , vol. 31(iss. 4), p. 75-82. doi: 10.2478/ftce-2023-0038	T 008 (100)	9.00.	KTU (–)
931.	KTU (0,1)	7785464	Repon, M., Islam, T., Islam, T., Ghorab, A., & Rahman, M. (2023). Cleaner pathway for developing bioactive textile materials using natural dyes: a review /. <i>Environmental science and pollution research.</i> , vol. 30(iss.17), p. 48793-48823. doi: 10.1007/s11356-023-26131-0	T 004 (30), T 008 (70)	9.00.	KTU (–)
932.	KTU (0,5)	7785484	Rinkevičius, M., Charlton, P., Bailón, R., & Marozas, V. (2023). Influence of photoplethysmogram signal quality on pulse arrival time during polysomnography /. <i>Sensors.</i> , vol. 23(iss. 4), p. 1-20. doi: 10.3390/s23042220	T 001 (50), T 010 (50)	9.2.	KTU (8,798)
933.	KTU (0,2217)	7785497	Rocchetti, G., Ferronato, G., Sarv, V., Kerner, K., Venskutonis, P., & Lucini, L. (2023). Meat extenders from different sources as protein-rich alternatives to improve the technological properties and functional quality of meat products /. <i>Current opinion in food science.</i> , vol. 49, p. 1-10. doi: 10.1016/j.cofs.2022.100967	T 005 (50)	9.2.	KTU (3,262)
934.	KTU (0,1667)	7785513	Roszak, M., Pyka, D., Bocian, M., Barsan, N., Dragašius, E., & Jamroziak, K. (2023). Multi-layer fabric composites combined with non-Newtonian shear thickening in ballistic protection—hybrid numerical methods and ballistic tests /. <i>Polymers.</i> , vol. 15(iss. 17), p. 1-19. doi: 10.3390/polym15173584	T 009 (100)	9.2.	KTU (2,556)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
935.	KTU (0,8)	7785527	Rubinaite, D., Dambrauskas, T., Baltakys, K., Hilbig, H., & Siauciunas, R. (2023). Thermal stability assessment of calcium monosulfoaluminate 12-hydrate by applying the in-situ X-ray diffraction method at 25-1250 °C /. <i>Scientific reports.</i> , vol. 13(iss. 1), p. 1-11. doi: 10.1038/s41598-023-30919-y	T 005 (100)	9.2.	KTU (7,542)
936.	KTU (1)	7785540	Rubinaite, D., Dambrauskas, T., Baltakys, K., & Siauciunas, R. (2023). Effect of hydrothermal curing on the hydration and strength development of belite cement mortar containing industrial wastes /. <i>Sustainability.</i> , vol. 15(iss. 12), p. 1-13. doi: 10.3390/su15129802	T 005 (100)	9.2.	KTU (6,447)
937.	KTU (1)	7785551	Rubinaite, D., Dambrauskas, T., Baltakys, K., & Siauciunas, R. (2023). Investigation on the hydration and strength properties of belite cement mortar containing industrial waste /. <i>Journal of thermal analysis and calorimetry.</i> , vol. 148(iss. 4), p. 1481-1490. doi: 10.1007/s10973-022-11556-5	T 005 (100)	9.2.	KTU (5,862)
938.	KTU (1)	7785611	Sadeghian, M., Palevicius, A., & Janusas, G. (2023). Nonlinear thermal/mechanical buckling of orthotropic annular/circular nanoplate with the nonlocal strain gradient model /. <i>Micromachines.</i> , vol. 14(iss. 9), p. 1-28. doi: 10.3390/mi14091790	T 009 (100)	9.2.	KTU (6,158)
939.	KTU (1)	7785625	Sadeghian, M., Palevicius, A., & Janusas, G. (2023). Nonlocal strain gradient model for the nonlinear static analysis of a circular/annular nanoplate /. <i>Micromachines.</i> , vol. 14(iss. 5), p. 1- 21. doi: 10.3390/mi14051052	T 009 (100)	9.2.	KTU (6,158)
940.	KTU (0,6667)	7785636	Sakalauskas, A., Jurkonis, R., & Lukoševičius, A. (2023). Three-dimensional freehand ultrasound strain elastography based on the assessment of endogenous motion: phantom study /. <i>Archives of acoustics.</i> , vol. 48(iss. 2), p. 219-229. doi: 10.24425/aoa.2023.144269	T 010 (100)	9.00.	KTU (–)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
941.	KTU (0,8333)	7785653	Samaitis, V., Yilmaz, B., & Jasiuniene, E. (2023). Adhesive bond quality classification using machine learning algorithms based on ultrasonic pulse-echo immersion data /. <i>Journal of sound and vibration.</i> , vol. 546, p. 1-18. doi: 10.1016/j.jsv.2022.117457	T 001 (80), T 010 (20)	9.2.	KTU (11,809)
942.	KTU (0,3)	7785666	Sarapajevaite, G., Baltakys, K., Degli Esposti, M., Morselli, D., & Fabbri, P. (2023). Sustainable PHBV/CuS composite obtained from waste valorization for wastewater purification by visible light-activated photocatalytic activity /. <i>Advanced sustainable systems.</i> , Early access, p. 1-10. doi: 10.1002/adsu.202300112	T 005 (100)	9.2.	KTU (5,152)
943.	KTU (0,1041)	7785679	Sarv, V., Kerner, K., Venskutonis, P., Rocchetti, G., Becchi, P., & Lucini, L. et al. (2023). Untargeted metabolomics and conventional quality characterization of rowanberry pomace ingredients in meatballs /. <i>Food chemistry: X.</i> , vol. 19, p. 1-9. doi: 10.1016/j.fochx.2023.100761	T 005 (50)	9.2.	KTU (0,968)
944.	KTU (1)	7785706	Saunoriene, L., Saunoris, M., & Ragulskis, M. (2023). Image hiding in stochastic geometric Moiré gratings /. <i>Mathematics.</i> , vol. 11(iss. 8), p. 1-20. doi: 10.3390/math11081763	T 001 (30)	9.2.	KTU (4,991)
945.	KTU (0,4)	7785726	Sebris, A., Gužauskas, M., Mahmoudi, M., Volyniuk, D., Grazulevicius, J., & Mishnev, A. et al. (2023). Homoleptic purine- based NHC iridium(iii) complexes for blue OLED application: impact of isomerism on photophysical properties /. <i>Journal of materials chemistry C.</i> , vol. 11(iss. 42), p. 14608-14620. doi: 10.1039/d3tc02681g	T 005 (100)	9.2.	KTU (7,465)
946.	KTU (0,8)	7785744	Seduikyte, L., Gražulevičiūtė-Vilenišké, I., Povilaitienė, I., Fokaides, P., & Lingé, D. (2023). Trends and interdisciplinarity integration in the development of the research in the fields of sustainable, healthy and digital buildings and cities /. <i>Buildings.</i> , vol. 13(iss. 7), p. 1-22. doi: 10.3390/buildings13071764	T 002 (100)	9.2.	KTU (7,527)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
947.	KTU (0,1111)	7785757	Selvaraj, K., Palanisamy, P., Ramakrishna, B., Pamanji, R., Selvin, J., & Srikanth, K. et al. (2023). Fluoranthene-terminated terpyridine ensemble for fluorescence light up and ratiometric chemical sensor for multi toxic metals /. <i>Analytica chimica acta.</i> , vol. 1274, p. 1-11. doi: 10.1016/j.aca.2023.341526	T 004 (20), T 009 (40)	9.2.	KTU (1,916)
948.	KTU (0,5)	7785781	Sengupta, J., Alzbutas, R., Falkowski-Gilski, P., & Falkowska- Giliska, B. (2023). Intracranial hemorrhage detection in 3D computed tomography images using a bi-directional long short- term memory network-based modified genetic algorithm /. <i>Frontiers in neuroscience.</i> , vol. 17, p. 1-13. doi: 10.3389/fnins.2023.1200630	T 007 (50)	9.2.	KTU (3,353)
949.	KTU (1)	7785794	Serelis, E., & Vaitkevicius, V. (2023). Effect of waste glass powder and liquid glass on the physico-chemistry of aluminum-based ultra-lightweight concrete /. <i>Construction and building materials.</i> , vol. 390, p. 1-11. doi: 10.1016/j.conbuildmat.2023.131615	T 002 (100)	9.2.	KTU (11,861)
950.	KTU (0,8333)	7785812	Sevcik, A., Rinkevicius, Z., & Adliene, D. (2023). Radiation-driven polymerisation of methacrylic acid in aqueous solution: a chemical events Monte Carlo study /. <i>Gels.</i> , vol. 9(iss. 12), p. 1- 13. doi: 10.3390/gels9120947	T 008 (50)	9.2.	KTU (5,475)
951.	KTU (0,2)	7785825	Shahbakhti, M., Beiramvand, M., Nasiri, E., Far, S., Chen, W., & Solé-Casals, J. et al. (2023). Fusion of EEG and eye blink analysis for detection of driver fatigue /. <i>IEEE transactions on neural systems and rehabilitation engineering.</i> , vol. 31, p. 2037-2046. doi: 10.1109/TNSRE.2023.3267114	T 001 (100)	9.2.	KTU (7,472)
952.	KTU (0,0833)	7785852	Shahbakhti, M., Hakimi, N., Horschig, J., Floor-Westerdijk, M., Claassen, J., & Colier, W. (2023). Estimation of respiratory rate during biking with a single sensor functional near-infrared spectroscopy (fNIRS) system /. <i>Sensors.</i> , vol. 23(iss. 7), p. 1-13. doi: 10.3390/s23073632	T 001 (100)	9.2.	KTU (1,312)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
953.	KTU (1)	7785865	Shak Sadi, M., & Kumpikaitė, E. (2023). Highly conductive composites using polypyrrole and carbon nanotubes on polydopamine functionalized cotton fabric for wearable sensing and heating applications /. <i>Cellulose.</i> , vol. 30(iss. 12), p. 7981- 7999. doi: 10.1007/s10570-023-05356-9	T 008 (100)	9.2.	KTU (10,728)
954.	KTU (1)	7785875	Siauciunas, R., Prichockiene, E., & Valancius, Z. (2023). The influence of Mg-impurities in raw materials on the synthesis of rankinite clinker and the strength of mortar hardening in CO2 environment /. <i>Materials.</i> , vol. 16(iss. 7), p. 1-15. doi: 10.3390/ma16072930	T 005 (100)	9.2.	KTU (5,895)
955.	KTU (0,5)	7785906	Skėrė, S., Bastida-Molina, P., Hurtado-Pérez, E., & Juzėnas, K. (2023). Energy consumption analysis and efficiency enhancement in manufacturing companies using decision support method for dynamic production planning (DSM DPP) for solar PV integration /. <i>Machines.</i> , vol. 11(iss. 10), p. 1-21. doi: 10.3390/machines11100939	T 006 (30), T 009 (70)	9.2.	KTU (4,043)
956.	KTU (1)	7785927	Skėrė, S., Žvironienė, A., Juzėnas, K., & Petraitienė, S. (2023). Optimization experiment of production processes using a dynamic decision support method: a solution to complex problems in industrial manufacturing for small and medium-sized enterprises /. <i>Sensors.</i> , vol. 23(iss. 9), p. 1-18. doi: 10.3390/s23094498	T 009 (50)	9.2.	KTU (3,935)
957.	KTU (0,8)	7785941	Skhirtladze, L., Leitonas, K., Bucinskas, A., Woon, K., Volyniuk, D., & Keruckiene, R. et al. (2023). Turn on of room temperature phosphorescence of donor-acceptor-donor type compounds via transformation of excited states by rigid hosts for oxygen sensing /. <i>Sensors and actuators B: Chemical.</i> , vol. 380, p. 1-10. doi: 10.1016/j.snb.2023.133295	T 005 (100)	9.2.	KTU (24,12)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
958.	KTU (0,6667)	7785976	Šleiniūtė, A., Denafas, G., & Mumladze, T. (2023). Analysis of the delamination process with nitric acid in multilayer composite food packaging /. <i>Applied science.</i> , vol. 13(iss. 9), p. 1-11. doi: 10.3390/app13095669	T 004 (100)	9.2.	KTU (5,205)
959.	KTU (1)	7786016	Solomon, I., & Dundulis, G. (2023). Modeling of pipe whip phenomenon induced by fast transients based on fluid–structure interaction method using a coupled 1D/3D modeling approach /. <i>Applied sciences.</i> , vol. 13(iss. 19), p. 1-18. doi: 10.3390/app131910653	T 009 (100)	9.2.	KTU (5,52)
960.	KTU (0,5833)	7786026	Spudys, P., Afxentiou, N., Georgali, P., Klumbyte, E., Jurelionis, A., & Fokaides, P. (2023). Classifying the operational energy performance of buildings with the use of digital twins /. <i>Energy and buildings.</i> , vol. 290, p. 1-10. doi: 10.1016/j.enbuild.2023.113106	T 002 (40), T 006 (40), T 007 (20)	9.2.	KTU (8,795)
961.	KTU (0,8333)	7786040	Spudys, P., Jurelionis, A., & Fokaides, P. (2023). Conducting smart energy audits of buildings with the use of building information modelling /. <i>Energy and buildings.</i> , vol. 285, p. 1-11. doi: 10.1016/j.enbuild.2023.112884	T 002 (80), T 006 (20)	9.2.	KTU (12,563)
962.	KTU (0,1)	7786051	Spyrou, G., Ioannou, B., Souliotis, M., Savvides, A., & Fokaides, P. (2023). The adaptability of cities to climate change: evidence from cities' redesign towards mitigating the UHI effect /. <i>Sustainability.</i> , vol. 15(iss. 7), p. 1-21. doi: 10.3390/su15076133	T 002 (70), T 004 (30)	9.2.	KTU (1,29)
963.	KTU (0,75)	7786063	Statkauskas, M., Vaičiukynienė, D., Grinys, A., & Paul Borg, R. (2023). Mechanical properties and microstructure of ternary alkali activated system: red brick waste, metakaolin and phosphogypsum /. <i>Construction and building materials.</i> , vol. 387, p. 1-11. doi: 10.1016/j.conbuildmat.2023.131648	T 002 (100)	9.2.	KTU (12,581)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
964.	KTU (1)	7786095	Survyla, A., Urniezius, R., & Simutis, R. (2023). Viable cell estimation of mammalian cells using off-gas-based oxygen uptake rate and aging-specific functional /. <i>Talanta.</i> , vol. 254, p. 1-8. doi: 10.1016/j.talanta.2022.124121	T 001 (50), T 007 (50)	9.2.	KTU (11,56)
965.	KTU (0,75)	7786109	Svilainis, L., Chaziachmetovas, A., Kaskonas, P., & Gomez Alvarez-Arenas, T. (2023). Ultrasonic needle hydrophone calibration in air by a parabolic off-axis mirror focused beam using three-transducer reciprocity /. <i>Ultrasonics.</i> , vol. 133, p. 1- 11. doi: 10.1016/j.ultras.2023.107025	T 001 (100)	9.2.	KTU (11,087)
966.	KTU (1)	7786121	Tamošaitis, G., Vaičiukynienė, D., Jaskaudas, T., Mockiene, J., & Pupeikis, D. (2023). Development of alkali-activated porous concrete composition from slag waste /. <i>Materials.</i> , vol. 16(iss. 4), p. 1-14. doi: 10.3390/ma16041360	T 002 (100)	9.2.	KTU (5,895)
967.	KTU (1)	7786149	Tamulevičienė, A., Mardosaitė, R., Ilickas, M., Abakevičienė, B., Tamulevičius, T., & Meškiniš, Š. et al. (2023). Highly-hydrophobic, transparent, and durable coatings based on ZnO tetrapods with diamond-like carbon nanocomposite /. <i>Surface and coatings technology.</i> , vol. 470, p. 1-10. doi: 10.1016/j.surfcoat.2023.129863	T 008 (50)	9.2.	KTU (4,804)
968.	KTU (0,8571)	7786165	Tamulevičius, T., Laurikėnas, P., Juodėnas, M., Mardosaitė, R., Abakevičienė, B., & Pereyra, C. et al. (2023). Antireflection coatings based on randomly oriented ZnO nanowires /. <i>Solar RRL.</i> , vol. 7(iss. 6), p. 1-13. doi: 10.1002/solr.202201056	T 008 (50)	9.2.	KTU (5,458)
969.	KTU (0,0833)	7786193	Terracciano, M., Račkauskas, S., Falanga, A., Martino, S., Chianese, G., & Greco, F. et al. (2023). ZnO tetrapods for label- free optical biosensing: physicochemical characterization and functionalization strategies /. <i>International journal of molecular sciences.</i> , vol. 24(iss. 5), p. 1-15. doi: 10.3390/ijms24054449	T 008 (50)	9.2.	KTU (0,685)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formaliųjų vertė, taškai <sup>5</sup>
970.	KTU (0,75)	7786214	Tumosienė, I., Jonuškienė, I., Belyakov, S., & Kantminienė, K. (2023). The synthesis of disubstituted 4-methyl-N,N- dipropylbenzenamine derivatives bearing identical azolethione (thiol) moieties as antioxidant agents /. <i>Monatshefte fur Chemie.</i> , vol. 154, p. 1161-1176. doi: 10.1007/s00706-023-03119-7	T 005 (30)	9.2.	KTU (1,247)
971.	KTU (1)	7786228	Tumšys, O., & Mažeika, L. (2023). Determining the elastic constants of isotropic materials by measuring the phase velocities of the A0 and S0 modes of Lamb waves /. <i>Sensors.</i> , vol. 23(iss. 15), p. 1-15. doi: 10.3390/s23156678	T 010 (100)	9.2.	KTU (7,869)
972.	KTU (0,0714)	7786256	Ullah, H., Heyat, M., Akhtar, F., Muaad, A., Ukwuoma, C., & Bilal, M. et al. (2023). An automatic premature ventricular contraction recognition system based on imbalanced dataset and pre-trained residual network using transfer learning on ECG signal /. <i>Diagnostics.</i> , vol. 13(iss. 1), p. 1-20. doi: 10.3390/diagnostics13010087	T 007 (100)	9.2.	KTU (1,581)
973.	KTU (1)	7786294	Urbonavičiūtė, G., Dyglė, G., Černauskas, D., Šipailienė, A., Venskutonis, P., & Leskauskaitė, D. (2023). Alginate/pectin film containing extracts isolated from cranberry pomace and grape seeds for the preservation of herring /. <i>Foods.</i> , vol. 12(iss. 8), p. 1-17. doi: 10.3390/foods12081678	T 005 (100)	9.2.	KTU (8,714)
974.	KTU (1)	7786308	Urniezius, R., Masaitis, D., Levisauskas, D., Survyla, A., Babilius, P., & Godoladze, D. (2023). Adaptive control of the E. coli-specific growth rate in fed-batch cultivation based on oxygen uptake rate /. <i>Computational and structural biotechnology journal.</i> , vol. 21, p. 5785-5795. doi: 10.1016/j.csbj.2023.11.033	T 001 (50), T 007 (50)	9.2.	KTU (8,04)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
975.	KTU (0,6667)	7786348	Vaitkunas, T., Griskevicius, P., & Adumitroaie, A. (2023). Peridynamic material model calibration based on digital image correlation experimental measurements /. <i>Mechanics of advanced materials and structures.</i> , vol. 30(iss. 20), p. 4132- 4145. doi: 10.1080/15376494.2022.2089934	T 009 (100)	9.2.	KTU (6,618)
976.	KTU (0,125)	7786358	Varma, A., Shrirame, B., Maity, S., Agrawal, D., Malys, N., & Rios- Solis, L. et al. (2023). Recent advances in fermentative production of C4 diols and their chemo-catalytic upgrading to high-value chemicals /. <i>Chinese journal of catalysis.</i> , vol. 52, p. 99-126. doi: 10.1016/S1872-2067(23)64512-7	T 005 (100)	9.2.	KTU (6,611)
977.	KTU (1)	7786381	Vasiljevas, M., Damaševičius, R., & Maskeliūnas, R. (2023). A human-adaptive model for user performance and fatigue evaluation during gaze-tracking tasks /. <i>Electronics.</i> , vol. 12(iss. 5), p. 1-26. doi: 10.3390/electronics12051130	T 007 (100)	9.2.	KTU (6,384)
978.	KTU (1)	7786399	Vaskeliene, V., Sliteris, R., Kazys, R., Zukauskas, E., & Mazeika, L. (2023). Development and investigation of high-temperature ultrasonic measurement transducers resistant to multiple heating–cooling cycles /. <i>Sensors.</i> , vol. 23(iss. 4), p. 1-13. doi: 10.3390/s23041866	T 010 (100)	9.2.	KTU (7,869)
979.	KTU (0,037)	7786412	Vasquez, N., Beko, G., Wargocki, P., Cabovska, B., Teli, D., & Dalenbäck, J. et al. (2023). Ventilation strategies and children's perception of the indoor environment in Swedish primary school classrooms /. <i>Building and environment.</i> , vol. 240, p. 1-14. doi: 10.1016/j.buildenv.2023.110450	T 002 (100)	9.2.	KTU (1,039)
980.	KTU (1)	7786429	Venčkauskas, A., Kukta, D., Grigaliūnas, Š., & Brūzgienė, R. (2023). Enhancing microservices security with token-based access control method /. <i>Sensors.</i> , vol. 23(iss. 6), p. 1-21. doi: 10.3390/s23063363	T 007 (100)	9.2.	KTU (7,869)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
981.	KTU (0,7778)	7786441	Volyniuk, L., Gudeika, D., Panchenko, A., Minaev, B., Mahmoudi, M., & Simokaitiene, J. et al. (2023). Single-molecular white emission of organic thianthrene-based luminophores exhibiting efficient fluorescence and room temperature phosphorescence induced by halogen atoms /. <i>ACS Sustainable chemistry engineering.</i> , vol. 11(iss. 48), p. 16914-16925. doi: 10.1021/acssuschemeng.3c04011	T 005 (100)	9.2.	KTU (13,443)
982.	KTU (0,1429)	7786457	Wang, M., Incecik, A., Yang, C., Gupta, M., Królczyk, G., & Andriukaitis, D. et al. (2023). A critical review on molecular dynamics applied to structure fracture and failure analysis /. <i>Engineering analysis with boundary elements.</i> , vol. 150, p. 413- 422. doi: 10.1016/j.enganabound.2023.02.028	T 001 (100)	9.2.	KTU (4,328)
983.	KTU (0,2)	7786471	Wei, W., Liu, W., Zhang, B., Scherer, R., & Damasevicius, R. (2023). Discovery of new words in tax-related fields based on word vector representation /. <i>Journal of internet technology.</i> , vol. 24(iss. 4), p. 923-930. doi: 10.53106/160792642023072404010	T 007 (100)	9.00.	KTU (-)
984.	KTU (0,1667)	7786483	Wei, W., Li, X., Zhang, B., Li, L., Damaševičius, R., & Scherer, R. (2023). LSTM-SN: complex text classifying with LSTM fusion social network /. <i>Journal of supercomputing.</i> , vol. 79, p. 9558- 9583. doi: 10.1007/s11227-022-05034-w	T 007 (100)	9.2.	KTU (2,125)
985.	KTU (1)	7786531	Zabulionė, A., Šalaševičienė, A., Makštutienė, N., & Šarkinas, A. (2023). Exploring the antimicrobial potential and stability of Black Soldier Fly ( <i>Hermentia illucens</i> ) larvae fat for enhanced food shelf-life /. <i>Gels.</i> , vol. 9(iss. 10), p. 1-15. doi: 10.3390/gels9100793	T 005 (100)	9.2.	KTU (9,292)
986.	KTU (1)	7786543	Zadeike, D., & Degutyte, R. (2023). Recent advances in acoustic technology in food processing /. <i>Foods.</i> , vol. 12(iss. 18), p. 1-25. doi: 10.3390/foods12183365	T 005 (50)	9.2.	KTU (4,357)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
987.	KTU (0,5)	7786554	Zabulionė, A., & Valdramidis, V. (2023). Quantitative tools in microbial and chemical risk assessment /. <i>EFSA journal.</i> , vol. 21 (iss S1), p. 1-15. doi: 10.2903/j.efsa.2023.e211017	T 005 (100)	9.2.	KTU (4,748)
988.	KTU (0,0714)	7786564	Zafar, M., Bukhari, S., Abou Houran, M., Moosavi, S., Mansoor, M., & Al-Tawalbeh, N. et al. (2023). Step towards secure and reliable smart grids in Industry 5.0: A federated learning assisted hybrid deep learning model for electricity theft detection using smart meters /. <i>Energy reports.</i> , vol. 10, p. 3001-3019. doi: 10.1016/j.egy.2023.09.100	T 007 (100)	9.2.	KTU (1,279)
989.	KTU (0,0714)	7786579	Zafar, M., Mansoor, M., Abou Houran, M., Khan, N., Khan, K., & Raza Moosavi, S. et al. (2023). Hybrid deep learning model for efficient state of charge estimation of Li-ion batteries in electric vehicles /. <i>Energy.</i> , vol. 282, p. 1-14. doi: 10.1016/j.energy.2023.128317	T 007 (100)	9.2.	KTU (2,291)
990.	KTU (1)	7786594	Zdankus, T., Vaiciunas, J., & Bandarwadkar, S. (2023). Experimental research of the heat transfer into the ground at relatively high and low water table levels /. <i>Buildings.</i> , vol. 13(iss. 5), p. 1-14. doi: 10.3390/buildings13051272	T 002 (70), T 006 (30)	9.2.	KTU (6,653)
991.	KTU (1)	7786605	Zelba, M., Deveikis, T., Gudžius, S., Jonaitis, A., & Bandza, A. (2023). Review of power control methods for a variable average power load model designed for a microgrid with non-controllable renewable energy sources /. <i>Sustainability.</i> , vol. 15(iss. 11), p. 1- 15. doi: 10.3390/su15119100	T 001 (70), T 006 (30)	9.2.	KTU (6,447)
992.	KTU (0,5)	7786620	Zhairabany, H., Dovydaitis, V., Khaksar, H., Vanags, E., Gnecco, E., & Marcinauskas, L. (2023). Influence of molybdenum concentration on the microstructure and nanotribological properties of diamond-like carbon films /. <i>Journal of materials science.</i> , vol. 58(iss. 33), p. 13437-13448. doi: 10.1007/s10853- 023-08854-0	T 008 (70)	9.2.	KTU (3,818)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
993.	KTU (1)	7786710	Židanavičius, D., Augonis, M., Adamukaitis, N., & Villalon Fornes, I. (2023). Concrete shrinkage analysis with quicklime, microfibers, and SRA admixtures /. <i>Materials.</i> , vol. 16(is. 5), p. 1- 19. doi: 10.3390/ma16052061	T 002 (100)	9.2.	KTU (5,895)
994.	KTU (0,3333)	7786812	Govorun, V., Varzinskas, V., Khortiyev, A., Milcius, E., Lebedys, A., & Jankauskaite, V. (2023). <i>U. S. Patent application US US 2023113632 A1..</i> U. S. Patent and Trademark Office.	T 004 (50), T 008 (50)	9.3.	KTU (4,714)
995.	KTU (1)	7786826	Janusas, G., Bubulis, A., Palevicius, A., Ostasevicius, V., Jurenas, V., & Ciganas, J. (2023). <i>European Patent application EP EP 4166245 A1..</i> European Patent Office.	T 009 (100)	9.3.	KTU (10)
996.	KTU (1)	7786848	Pagodinas, D., & Dumbrava, V. (2023). <i>European Patent application EP EP 4157716 A1..</i> European Patent Office.	T 001 (100)	9.3.	KTU (10)
997.	KTU (1)	7786857	Pagodinas, D., & Dumbrava, V. (2023). <i>U. S. Patent application US US 2023202643 A1..</i> U. S. Patent and Trademark Office.	T 001 (100)	9.3.	KTU (10)
998.	KTU (1)	7786866	Rackauskas, S. (2023). <i>European Patent application EP EP 4279460 A1..</i> European Patent Office.	T 008 (100)	9.3.	KTU (10)
999.	KTU (1)	7786874	Ragauskas, A., Petkus, V., & Chaleckas, E. (2023). <i>U. S. Patent application US US 2023109678 A1.</i> U. S. Patent and Trademark Office.	T 010 (100)	9.3.	KTU (10)
1000.	KTU (1)	7786884	Ragauskas, A., Petkus, V., & Chaleckas, E. (2023). <i>European Patent application EP EP 4166069 A1..</i> European Patent Office.	T 010 (100)	9.3.	KTU (10)
1001.	KTU (1)	7786894	Ragauskas, A., Petkus, V., Chaleckas, E., Zakelis, R., Bartusis, L., & Putnynaite, V. et al. (2023). <i>European Patent application EP EP 4252637 A1..</i> European Patent Office.	T 001 (50), T 010 (50)	9.3.	KTU (10)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
1002.	KTU (1)	7786913	Ragauskas, A., Petkus, V., Chaleckas, E., Zakelis, R., Bartusis, L., & Putnynaite, V. et al. (2023). <i>U. S. Patent application US US 2023329572 A1</i> . U. S. Patent and Trademark Office.	T 001 (50), T 010 (50)	9.3.	KTU (10)
1003.	KTU (1)	7786932	Raisutis, R., Samaitis, V., Mazeika, L., Jankauskas, A., & Zukauskas, E. (2023). <i>European Patent application EP EP 4269999 A1</i> . European Patent Office.	T 001 (50), T 010 (50)	9.3.	KTU (10)
1004.	KTU (1)	7786946	Ravikumar, P., Tichonovas, M., Kauneliene, V., Dabasinskaite, L., Krugly, E., & Martuzevicius, D. et al. (2023). <i>European Patent application EP EP 4194596 A1</i> . European Patent Office.	T 004 (100)	9.3.	KTU (10)
1005.	KTU (1)	7786976	Grigaliunas, V., Tamulevicius, S., Andrulevicius, M., Tamulevicius, T., Fataraitė-Urbonienė, E., & Narmontas, P. et al. (2023). <i>U. S. Patent No. US US 11846888 B2</i> . JAV: U. S. Patent and Trademark Office.	T 008 (100)	9.4.	KTU (15)
1006.	KTU (1)	7786992	Pagodinas, D., & Dumbrava, V. (2023). <i>Japan Patent No. JP 7271831 B2</i> . Japonija: Japan Patent Office.	T 001 (100)	9.4.	KTU (15)
1007.	KTU (1)	7787010	Svilainis, L., Dumbrava, V., & Chaziachmetovas, A. (2023). <i>European Patent No. EP EP 3125686 B1</i> . Europa: European Patent Office.	T 001 (100)	9.4.	KTU (15)
1008.	KTU (1)	7787029	Tamulevicius, T., Juodenas, M., Tamuleviciene, A., Klinavicius, T., & Tamulevicius, S. (2023). <i>Japan Patent No. JP 7238226 B2</i> . Japonija: Japan Patent Office.	T 008 (100)	9.4.	KTU (15)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
1009.	KTU (0,5); LSMU (0,5)	7787393	Baranauskas, M., Jurkonis, R., Lukoševičius, A., Matijošaitis, V., Gleiznienė, R., & Rastenytė, D. (2023). Diagnostic ability of radiofrequency ultrasound in Parkinson's disease compared to conventional transcranial sonography and magnetic resonance imaging /. In <i>Advances in medical imaging, detection, and diagnosis / edited by R. Bawa, G.F. Audette, S.R. Bawa, B. Patel, B.D. Johnson, R. Khanna.</i> (ch. 8, p. 285-302.). New York: Jenny Stanford publishing.	T 010 (50)	9.1.	KTU (3,25); LSMU (3,25)
1010.	KTU (0,375)	7787408	Barragan-Ferrer, J., Damasius, J., Negny, S., & Barragan-Ferrer, D. (2023). Innovation process workflow approach to promote innovation in the food industry /. In <i>TRIZ in Latin America: case studies / editor G.Cortes Robles.</i> (p. 81-103.). Cham: Springer.	T 005 (50)	9.1.	KTU (5,359)
1011.	KTU (0,1)	7787421	Sarand, I., Traksmas, A., Klava, D., Kunkulberga, D., Straumite, E., & Galoburda, R. et al. (2023). Traditional breads from the Baltic countries (Estonia, Latvia, Lithuania) /. In <i>Traditional European breads: an illustrative compendium of ancestral knowledge and cultural heritage / Marco Garcia-Vaquero, Kristian Pastor, Gul Ebru Orhun, Anna McElhatton, João Miguel F. Rocha (eds.).</i> (ch. 2, p. 41-59.). Cham: Springer.	T 005 (50)	9.1.	KTU (1,653)
1012.	LSMU (0,75); KTU (0,125)	7787470	Bartkiene, E., Rimsa, A., Zokaityte, E., Starkute, V., Mockus, E., & Cernauskas, D. et al. (2023). Changes in the physicochemical properties of chia ( <i>Salvia hispanica</i> L.) seeds during solid-state and submerged fermentation and their influence on wheat bread quality and sensory profile /. <i>Foods.</i> , vol. 12(iss. 11), p. 1-22. doi: 10.3390/foods12112093	T 005 (20)	9.2.	LSMU (2,264); KTU (0,377)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
1013.	LSMU (0,1818); KTU (0,1364)	7787535	Carra, G., Güiza, F., Piper, I., Citerio, G., Maas, A., & Depreitere, B. et al. (2023). Development and external validation of a machine learning model for the early prediction of doses of harmful intracranial pressure in patients with severe traumatic brain injury /. <i>Journal of neurotrauma.</i> , vol. 40(iss. 5-6), p. 514- 522. doi: 10.1089/neu.2022.0251	T 010 (40)	9.2.	LSMU (1,5); KTU (1,125)
1014.	KTU (0,6667)	7787644	Jucienė, M., Dobilaitė, V., & Albrektas, D. (2023). An investigation of the impact of water on certain of the mechanical and physical properties of laminated veneer lumber (LVL) as used in construction /. <i>Applied sciences.</i> , vol. 13(iss. 2), p. 1-12. doi: 10.3390/app13020925	T 002 (100)	9.2.	KTU (3,68)
1015.	KTU (0,25)	7787744	Lozovskis, P., Skrodenienė, E., Jankauskaitė, V., & Vitkauskienė, A. (2023). Effect of graphene oxide and silver nanoparticle hybrid composite on <i>Acinetobacter baumannii</i> strains, regarding antibiotic resistance and prevalence of AMP-C production /. <i>Medicina.</i> , vol. 59(iss. 10), p. 1-10. doi: 10.3390/medicina59101819	T 008 (20)	9.2.	KTU (0,355)
1016.	KTU (0,4)	7787771	Makaveckas, T., Bliūdžius, R., Alavočienė, S., Paukštys, V., & Brazionienė, I. (2023). Investigation of microclimate parameter assurance in schools with natural ventilation systems /. <i>Buildings.</i> , vol. 13(iss. 7), p. 1-20. doi: 10.3390/buildings13071807	T 002 (70), T 006 (30)	9.2.	KTU (2,661)
1017.	KTU (0,5); LSMU (0,5)	7787796	Maskeliūnas, R., Damaševičius, R., Blažauskas, T., Pribuišis, K., Ulozaitė - Stanienė, N., & Uloza, V. (2023). Pareto-optimized AVQI assessment of dysphonia: a clinical trial using various smartphones /. <i>Applied sciences.</i> , vol. 13(no. 9), p. 1-29. doi: 10.3390/app13095363	T 007 (50)	9.2.	KTU (1,38); LSMU (1,38)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
1018.	KTU (0,5); LSMU (0,5)	7787812	Maskeliūnas, R., Damaševičius, R., Kulikajevas, A., Pribuišis, K., Ulozaitė-Stanienė, N., & Uloza, V. (2023). Pareto-optimized non-negative matrix factorization approach to the cleaning of alaryngeal speech signals /. <i>Cancers.</i> , vol. 15(iss. 14), p. 1-19. doi: 10.3390/cancers15143644	T 007 (50)	9.2.	KTU (2,075); LSMU (2,075)
1019.	KTU (0,8333); LSMU (0,1667)	7787903	Moskaliuvienė, T., Andriūnas, P., & Galdikas, A. (2023). Coupled modeling of anisotropic stress-induced diffusion and trapping of nitrogen in austenitic stainless steel during nitriding and thermal annealing /. <i>Coatings.</i> , vol. 13(iss. 2), p. 1-13. doi: 10.3390/coatings13020415	T 008 (30)	9.2.	KTU (1,438); LSMU (0,288)
1020.	KTU (0,7143); GTC (0,2857)	7787917	Motiekaityte, G., Navaruckiene, A., Raudoniene, V., Bridziuviene, D., Jaras, J., & Kantminiene, K. et al. (2023). Antimicrobial dual-cured photopolymers of vanillin alcohol diglycidyl ether and glycerol dimethacrylate /. <i>Journal of applied polymer science.</i> , vol. 140(iss. 2), p. 1-13. doi: 10.1002/app.53289	T 005 (60)	9.2.	KTU (2,545); GTC (1,018)
1021.	KTU (0,875); LSMU (0,125)	7787945	Ostasevicius, V., Jurenas, V., Mikuckyte, S., Vezys, J., Stankevičius, E., & Bubulis, A. et al. (2023). Development of a low-frequency piezoelectric ultrasonic transducer for biological tissue sonication /. <i>Sensors.</i> , vol. 23(iss. 7), p. 1-16. doi: 10.3390/s23073608	T 009 (60)	9.2.	KTU (4,131); LSMU (0,59)
1022.	KTU (0,7143); LSMU (0,1429)	7787965	Paliakaitė, B., Sološenko, A., Daukantas, S., Kušleikaitė-Pere, N., Vaičiūnienė, R., & Marozas, V. et al. (2023). Wrist photoplethysmography-based assessment of ectopic burden in hemodialysis patients /. <i>Biomedical signal processing and control.</i> , vol. 84, p. 1-7. doi: 10.1016/j.bspc.2023.104860	T 001 (30), T 010 (40)	9.2.	KTU (4,43); LSMU (0,886)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
1023.	GTC (0,0625); KTU (0,0625)	7787998	Paul, T., Jalil, M., Repon, M., Alim, M., Islam, T., & Rahman, S. et al. (2023). Mapping the progress in surface plasmon resonance analysis of phytogetic silver nanoparticles with colorimetric sensing applications /. <i>Chemistry and biodiversity.</i> , vol. 20(iss. 8), p. 1-18. doi: 10.1002/cbdv.202300510	T 008 (90)	9.2.	GTC (0,553); KTU (0,553)
1024.	KTU (0,6); LSMU (0,2)	7788077	Rapolis, A., Piartli, P., Jankauskaitė, L., Marozas, V., & Kaniusas, E. (2023). Induced pain affects auricular and body biosignals: from cold stressor to deep breathing /. <i>Frontiers in physiology.</i> , vol. 14, p. 1-9. doi: 10.3389/fphys.2023.1090696	T 001 (80)	9.2.	KTU (6,426); LSMU (2,142)
1025.	KTU (0,2857); LSMU (0,2857)	7788092	Raudonis, V., Kairys, A., Verkauskienė, R., Sokolovska, J., Petrovski, G., & Balčiūnienė, V. et al. (2023). Automatic detection of microaneurysms in fundus images using an ensemble-based segmentation method /. <i>Sensors.</i> , vol. 23(iss. 7), p. 1-14. doi: 10.3390/s23073431	T 001 (20), T 007 (30)	9.2.	KTU (2,514); LSMU (2,514)
1026.	KTU (0,4286)	7788111	Razvadauskas, H., Vaičiukynas, E., Buškus, K., Arlauskas, L., Nowaczyk, S., & Sadauskas, S. et al. (2023). Exploring classical machine learning for identification of pathological lung auscultations /. <i>Computers in biology and medicine.</i> , vol. 168, p. 1-15. doi: 10.1016/j.combiomed.2023.107784	T 007 (50)	9.2.	KTU (3,982)
1027.	KTU (0,5); LSMU (0,3333)	7788147	Rosliuk, D., Jakstas, V., Ivanauskas, L., Liudvinaviciute, D., Coma, V., & Rutkaite, R. (2023). Investigation of bioactive complexes of chitosan and green coffee bean or artichoke extracts /. <i>Molecules.</i> , vol. 28(iss. 14), p. 1-15. doi: 10.3390/molecules28145356	T 005 (60)	9.2.	KTU (3,109); LSMU (2,073)
1028.	LSMU (0,6667); KTU (0,3333)	7788194	Sederevičius, A., Oberauskas, V., Želvytė, R., Žymantienė, J., Musayeva, K., & Žemaitis, J. et al. (2023). Effect of low frequency oscillations during milking on udder temperature and welfare of dairy cows /. <i>Journal of animal science and technology.</i> , vol. 65 (iss. 1), p. 244-257. doi: 10.5187/jast.2022.e74	T 009 (30)	9.2.	LSMU (2,21); KTU (1,105)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškais <sup>5</sup>
1029.	KTU (0,8333)	7788313	Simonaitis, A., Daukšys, M., & Mockienė, J. (2023). A comparison of the project management methodologies PRINCE2 and PMBOK in managing repetitive construction projects /. <i>Buildings.</i> , vol. 13 (iss. 7), p. 1-31. doi: 10.3390/buildings13071796	T 002 (100)	9.2.	KTU (5,544)
1030.	LSMU (0,5); KTU (0,25)	7788427	Sokas, D., Tamulevičiūtė-Prascienė, E., Beigienė, A., Barasaitė, V., Marozas, J., & Kubilius, R. et al. (2023). Wearable-based assessment of heart rate response to physical stressors in patients after open-heart surgery with frailty /. <i>IEEE journal of biomedical and health informatics.</i> , vol. 27(iss. 4), p. 1825-1834. doi: 10.1109/JBHI.2023.3244005	T 001 (60)	9.2.	LSMU (8,07); KTU (4,035)
1031.	LSMU (0,7778); KTU (0,2222)	7788454	Stanciauskaite, M., Poskute, M., Kurapkiene, V., Marksa, M., Jakstas, V., & Ivanauskas, L. et al. (2023). Optimization of delivery and bioavailability of encapsulated caffeic acid /. <i>Foods.</i> , vol. 12(iss. 10), p. 1-13. doi: 10.3390/foods12101993	T 005 (20)	9.2.	LSMU (1,356); KTU (0,387)
1032.	LSMU (0,6); KTU (0,1)	7788491	Stoskuvienė, A., Siaudvytė, L., Janulevičienė, I., Vaitkus, A., Simienė, E., & Bakštytė, V. et al. (2023). The relationship between intracranial pressure and visual field zones in normal-tension glaucoma patients /. <i>Diagnostics.</i> , vol. 13(iss. 2), p. 1-10. doi: 10.3390/diagnostics13020174	T 001 (20), T 010 (20)	9.2.	LSMU (4,014); KTU (0,67)
1033.	LSMU (0,5714); KTU (0,4286)	7788542	Uloza, V., Ulozaitė-Stanienė, N., Petrauskas, T., Pribuišis, K., Blažauskas, T., & Damaševičius, R. et al. (2023). Reliability of universal-platform-based voice screen application in AVQI measurements captured with different smartphones /. <i>Journal of clinical medicine.</i> , vol. 12(iss. 12), p. 1-12. doi: 10.3390/jcm12124119	T 007 (40)	9.2.	LSMU (1,912); KTU (1,434)
1034.	LSMU (0,6154); KTU (0,3846)	7789624	Ūsas, A., Mačiulaitis, J., Jankauskaitė, L., Aukštikalnė, L., Počkevičius, A., & Dabašinskaitė, L. et al. (2023). <i>European Patent application EP EP 4119169 A1</i> . European Patent Office.	T 004 (30), T 005 (10)	9.3.	LSMU (2,461); KTU (1,539)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
1035.	KTU (0,5); LSMU (0,5)	7789662	Sakalauskienė, K., Raišutis, R., Valiukevičienė, S., & Linkevičiūtė, G. (2023). <i>U. S. Patent No. US US 11723584 B2.</i> . JAV: U. S. Patent and Trademark Office.	T 001 (40), T 010 (30)	9.4.	KTU (5,25); LSMU (5,25)
1036.	GTC (0,0833); KTU (0,0833)	7798961	Dev, B., Rahman, M., Repon, M., Rahman, M., Haji, A., & Nawab, Y. (2023). Recent progress in thermal and acoustic properties of natural fiber reinforced polymer composites: Preparation, characterization, and data analysis /. <i>Polymer composites.</i> , vol. 44(iss. 11), p. 7235-7297. doi: 10.1002/pc.27633	T 008 (40)	9.2.	GTC (0,635); KTU (0,635)
1037.	GTC (0,1667); KTU (0,0833)	7800269	Mollick, S., Repon, M., Haji, A., Jalil, M., Islam, T., & Khan, M. (2023). Progress in self-cleaning textiles: parameters, mechanism and applications /. <i>Cellulose.</i> , vol. 30, p. 10633- 10680. doi: 10.1007/s10570-023-05539-4	T 008 (80)	9.2.	GTC (3,504); KTU (1,752)
1038.	VU (0,5714); KTU (0,2857)	7800585	Jovaišaitė, J., Baronas, P., Jonusauskas, G., Gudeika, D., Gruodis, A., & Gražulevičius, J. et al. (2023). TICT compounds by design: comparison of two naphthalimide- $\pi$ -dimethylaniline conjugates of different lengths and ground state geometries /. <i>Physical chemistry chemical physics.</i> , vol. 25(iss. 3), p. 2411-2419. doi: 10.1039/d2cp04250a	T 005 (50)	9.2.	VU (2,208); KTU (1,104)
1039.	VU (1)	7800649	Gaubas, E., Čeponis, T., Rumbauskas, V., Deveikis, L., & Pavlov, J. (2022). <i>European Patent application EP EP4273586A1</i> . European Patent Office.	T 008 (50)	9.3.	VU (5)
1040.	KTU (0,3571); GTC (0,0714)	7801406	Repon, M., Mikučionienė, D., Milašius, R., Paul, T., Ahmed, C., & Hussain, S. et al. (2023). Progress in MXene integrated wearable textile devices for thermotherapy /. <i>Materials today communications.</i> , vol. 37, p. 1-21. doi: 10.1016/j.mtcomm.2023.107251	T 008 (90)	9.2.	KTU (4,207); GTC (0,841)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
1041.	LSMU (0,6667)	7803836	Skaraitė, I., Maccioni, E., & Petrikaitė, V. (2023). Anticancer Activity of Sunitinib Analogues in Human Pancreatic Cancer Cell Cultures under Normoxia and Hypoxia / Ieva Skaraitė, Elias Maccioni, Vilma Petrikaitė. <i>International Journal of Molecular Sciences</i> , vol. 24(no. 6.), p. 1-12. doi: 10.3390/ijms24065422	T 005 (30)	9.2.	LSMU (2,324)
1042.	EHU (0,3333)	7804863	Kabashkin, I., Mišņevs, B., & Puptsau, A. (2023). Transformation of the University in the Age of Artificial Intelligence: Models and Competences / <i>Transport and Telecommunication.</i> , 24(3), p. 209-216. doi: 10.2478/ttj-2023-0017	T 007 (50)	9.00.	EHU (–)
1043.	KTU (0,3333)	7812676	Govorun, V., Varžinskas, V., Khortiyev, A., Milius, E., Lebedys, A., & Jankauskaitė, V. (2022). <i>European Patent application EP EP 4108308 A1</i> . European Patent Office.	T 004 (50), T 008 (50)	9.3.	KTU (4,714)
1044.	KTU (0,004); VU (0,004)	7812750	Mikolić, A., Steyerberg, E., Polinder, S., Wilson, L., Zeldovich, M., & von Steinbuechel, N. et al. (2023). Prognostic models for global functional outcome and post-concussion symptoms following mild traumatic brain injury: a Collaborative European NeuroTrauma Effectiveness Research in Traumatic Brain Injury (CENTER-TBI) study / <i>Journal of neurotrauma.</i> , vol. 40(iss. 15- 16), p. 1651-1670. doi: 10.1089/neu.2022.0320	T 001 (10), T 010 (10)	9.2.	KTU (0,082); VU (0,082)
1045.	VDU (0,4286)	7820566	Nadykto, V., Domeika, R., Golub, G., Kukharets, S., Chorna, T., & Čėsna, J. et al. (2023). Research on a Machine–Tractor Unit for Strip–Till Technology. <i>AgriEngineering</i> , 2184–2195. doi: https://doi.org/10.3390/agriengineering5040134	T 004 (20), T 009 (80)	9.00.	VDU (–)

Eil. Nr.	Mokslo ir studijų institucijos <sup>2</sup> , jų indėliai	Darbo unikalus Nr.	Darbo bibliografinis aprašas	Mokslo kryptys <sup>3</sup> (krypčių dalys, proc.)	Darbo rūšis <sup>4</sup>	Institucijoms tekusi darbo formalioji vertė, taškai <sup>5</sup>
1046.	LSMU (0,1)	7823682	Sarand, I., Traksmā, A., Klava, D., Kunkulberga, D., Straumite, E., & Galoburda, R. et al. (2023). Traditional Breads from the Baltic Countries (Estonia, Latvia, Lithuania); Chapter 2 / Inga Sarand, Anna Traksmā, Dace Klava, Daiga Kunkulberga, Evita Straumite, Ruta Galoburda, Ruta Murniece, Grazina Juodeikiene, Vadims Bartkevics, Elena Bartkiene. In <i>Traditional European Breads: An illustrative Compendium of Ancestral Knowledge and Cultural Heritage / Editors: Marco Garcia-Vaquero, Kristian Pastor, Gul Ebru Orhun, Anna McElhatton, Joāo Miguel F</i> (41-59). Rocha. Cham: Springer Nature.	T 005 (50)	9.1.	LSMU (1,653)
1047.	VDU (1)	7835730	Slavinskas, S., & Jokubynienė, V. (2023). Performance and emissions characteristics of a diesel engine fueled by carbon nanoparticle-blended diesel and biodiesel. <i>Transport problems</i> , 18(2), 87-96. doi: 10.20858/tp.2023.18.2.08	T 003 (80), T 009 (20)	9.00.	VDU (-)
1048.	VDU (0,5)	7835773	Ragulskis, K., & Ragulskis, L. (2023). Vibration drives with two impacting pairs for precise robots. <i>Mechanika</i> , 29(2), 115-124. doi: 10.5755/j02.mech.32277	T 009 (50)	9.00.	VDU (-)
1049.	KTU (0,25)	7836517	Garic, L., Klimenta, D., Andriukaitis, D., & Jovanovic, S. (2023). Modeling the effects of horizontal transverse vibrations on the thermal behavior and the ampacity of rectangular bus bars /. <i>Applied sciences.</i> , vol. 13(iss. 11), p. 1-24. doi: 10.3390/app13116745	T 001 (100)	9.2.	KTU (2,39)
1050.	KTU (0,3333)	7836555	Andriukaitis, D., Pan, Y., & Brida, P. (2023). Emerging electronics technologies and solutions for eco-friendly cities :. <i>Electronics.</i> , vol. 12(iss. 3), p. 1-4. doi: 10.3390/electronics12030476	T 001 (100)	9.2.	KTU (3,686)

<sup>1</sup> Išskyrus Formaliojo 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.

<sup>2</sup> KTU – Kauno technologijos universitetas, KU – Klaipėdos universitetas, LKA – Generolo Jono Žemaičio Lietuvos karo akademija, LSMU – Lietuvos sveikatos mokslų universitetas, LSU – Lietuvos sporto universitetas, MRU – Mykolo Romerio universitetas, VDU – Vytauto Didžiojo universitetas, VILNIUS TECH – Vilniaus Gedimino technikos universitetas, VU – Vilniaus universitetas, EHU – Europos humanitarinis universitetas, ISM – ISM Vadybos ir ekonomikos 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, PTTTI – Perspektyvinių technologijų taikomųjų tyrimų institutas, VUL SK – Vilniaus universiteto ligoninės Santaros klinikos.

<sup>3</sup> 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.

<sup>4</sup> 9.1. – 9.1. Tarptautiniu mastu pripažintos mokslo leidyklos išleista mokslo monografija (ne mažesnės kaip 8 aut. l. apimties) ar jos dalis (dalys), 9.2. – 9.2. Mokslo straipsnis žurnale, kuris priklauso SCIE ir (ar) SSCI žurnalų rinkiniams, 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 kryptinėms kategorijoms, – kurio visų kategorijų JIF/AI, 9.3. – 9.3. Europos patentų biurui, JAV patentų ir prekių ženklų biurui ar Japonijos patentų biurui pateiktos patentų paraiškos (pagal registracijos pažymėjimą), kurių pareiškėjai yra asmenys, dirbantys LR įregistruotuose juridiniuose asmenyse, arba LR registruoti juridiniai asmenys, 9.4. – 9.4. Europos patentų biuro, JAV patentų ir prekių ženklų biuro ar Japonijos patentų biuro išduoti patentai, kurių savininkai yra asmenys, dirbantys LR įregistruotuose juridiniuose asmenyse, arba LR įregistruoti juridiniai asmenys, 9.7. – 9.7. Tarptautinę ekspertizę praėjusios mokslui naujos organizmų rūšys (tipinis egzempliorius (standartas) nurodytoje mokslinėje kolekcijoje; įtraukimas į tarptautinį organizmų grupės katalogą), 9.8. – 9.8. Mokslo srities ar krypties terminų žodynas, mokslinis žinynas, enciklopedija, 9.00. – 9.00. Mokslo darbas, neatitinkantis jokios Aprašo 3 priedo mokslo darbų rūšies.

<sup>5</sup> (–) – netinkamas, (ks) – perkelta į kitą mokslo sritį (sričių grupę).