



VILNIUS
TECH

Biblioteka

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2024 m. rugsėjo 9 d. Nr. 37 (681)

NAUJIENOS



Vilniaus Gedimino technikos universiteto geriausių mokslo straipsnių konkurso rezultatai



VILNIUS TECH SKAITO mokslas: spausdintos ir elektroninės knygos



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DARBUOTOJŲ PUBLIKACIJOS ĮTRAUKTOS Į WEB OF SCIENCE DUOMENŲ BAZĘ

2024.09.02 – 2024.09.08

Moksliniai straipsniai

Juskaite, L., Gudelyte-Zilinskiene, L., & Tamosiuniene, R. (2024). Investment portfolio's including different cryptocurrencies efficiency study. *Transformations in Business & Economics*, 23(2).

Žurnalo pozicija pagal kategorijas: ECONOMICS – Q2; BUSINESS – Q3

Steponaviciute, A., Stravinskas, K., Selskiene, A., Tretjakovas, J., Petkus, R., & Mordas, G. (2024). Mechanical properties of 17-4PH stainless steel at various laser sintering process parameters. *Lithuanian Journal of Physics*, 64(2), 107–121.
<https://doi.org/10.3952/physics.2024.64.2.4>

Tamosiunas, A. (2024). Application of multicriteria decision analysis approach managing solar prosumer choices: Implications for households, regulatory authorities, and contractors. *Tehnicki Vjesnik-Technical Gazette*, 31(5), 1786–1795. <https://doi.org/10.17559/TV-20240311001391>

Žurnalų pozicijos pagal kategorijas nurodytos, jei bent vienoje kategorijoje žurnalas patenka į 1 arba 2 kvartilę (Q) pagal JIF rodiklio reikšmes.

DARBUOTOJŲ PUBLIKACIJOS ĮTRAUKTOS Į SCOPUS DUOMENŲ BAZĘ

2024.09.02 – 2024.09.08

Moksliniai straipsniai

Abisheva, G., Goranin, N., Razakhova, B., Aidynov, T., & Satybaldina, D. (2024). Specifics of data collection and data processing during formation of RailVista dataset for machine learning- and deep learning-based applications. *Sensors*, 24(16). <https://doi.org/10.3390/s24165239>

Žurnalo pozicija pagal kategorijas:

Physics and Astronomy: Instrumentation – Q1

Engineering: Electrical and Electronic Engineering – Q1

Physics and Astronomy: Atomic and Molecular Physics, and Optics – Q1

Chemistry: Analytical Chemistry – Q1

Computer Science: Information Systems – Q1

Biochemistry, Genetics and Molecular Biology: Biochemistry – Q2

Ašmontas, S., Anbinderis, M., Čerškus, A., Gradauskas, J., Lučun, A., & Sužiedėlis, A. (2024). Microwave bow-tie diodes on bases of 2D semiconductor structures. *Crystals*, 14(8).
<https://doi.org/10.3390/cryst14080720>

Žurnalo pozicija pagal kategorijas:

Physics and Astronomy: Condensed Matter Physics – Q2

Chemical Engineering: General Chemical Engineering – Q2

Chemistry: Inorganic Chemistry – Q2

Materials Science: General Materials Science – Q2

Chlebnikovas, A., Gavenauskas, M., Motiejūnaitė, J., Jasevičius, R., & Vaišis, V. (2024). Investigation of the use of mycelial filler with different cultivation times for the filtration of particulate airflow. *Processes*, 12(8). <https://doi.org/10.3390/pr12081545>

Žurnalo pozicija pagal kategorijas:

Chemical Engineering: Chemical Engineering (miscellaneous) – Q2

Chemical Engineering: Bioengineering – Q3

Chemical Engineering: Process Chemistry and Technology – Q3

Čereška, A., Tetsmann, I., Bareikis, R., & Jasevičius, R. (2024). Research of air purification using ion energy effect on particulate matter agglomeration. *Atmosphere*, 15(8). <https://doi.org/10.3390/atmos15080915>

Žurnalo pozicija pagal kategorijas:

Environmental Science: Environmental Science (miscellaneous) – Q2

Goranin, N., Hora, S. K., & Čenys, A. (2024). A bibliometric review of intrusion detection research in IoT: Evolution, collaboration, and emerging trends. *Electronics (Switzerland)*, 13(16). <https://doi.org/10.3390/electronics13163210>

Žurnalo pozicija pagal kategorijas:

Engineering: Control and Systems Engineering – Q2

Engineering: Electrical and Electronic Engineering – Q2

Computer Science: Computer Networks and Communications – Q2

Computer Science: Hardware and Architecture – Q2

Computer Science: Signal Processing – Q2

Juskaite, L., Gudelyte-Zilinskiene, L., & Tamosiuniene, R. (2024). Investment portfolio's including different cryptocurrencies efficiency study. *Transformations in Business and Economics*, 23(2), 272-295.

Žurnalo pozicija pagal kategorijas:

Social Sciences: Political Science and International Relations – Q2

Social Sciences: Social Sciences (miscellaneous) – Q2

Economics, Econometrics and Finance: Economics and Econometrics – Q3

Business, Management and Accounting: Business and International Management – Q3

Business, Management and Accounting: Marketing – Q3

Keshavarz-Ghorabae, M., Rastegar, A., Amiri, M., Zavadskas, E. K., & Antucheviciene, J. (2024). Multi-criteria personnel evaluation and selection using an objective pairwise adjusted ratio analysis (OPARA). *Economic Computation and Economic Cybernetics Studies and Research*, 58(2), 23-45. <https://doi.org/10.24818/18423264/58.2.24.02>

Khalilzadeh, M., Antucheviciene, J., & Božanić, D. (2024). A bi-objective model for the multi-period inventory-based reverse logistics network: A case study from an automobile component distribution network. *Systems*, 12(8). <https://doi.org/10.3390/systems12080299>

Lenkeviciute, K., Ziziene, J., & Daunoraviciene, K. (2024). An advanced technique for the detection of pathological gaits from electromyography signals: A comprehensive approach. *Machines*, 12(8). <https://doi.org/10.3390/machines12080581>

Žurnalo pozicija pagal kategorijas:

Mathematics: Control and Optimization – Q2

Engineering: Industrial and Manufacturing Engineering – Q2

Engineering: Mechanical Engineering – Q2

Engineering: Control and Systems Engineering – Q2

Computer Science: Computer Science (miscellaneous) – Q2

Engineering: Electrical and Electronic Engineering – Q3

Li, X., Liao, H., Baušys, R., & Zavadskas, E. K. (2024). Large-scale emergency supplier selection considering limited rational behaviors of decision makers and ranking robustness. *Technological and Economic Development of Economy*, 30(4), 1037-1063. <https://doi.org/10.3846/tede.2024.21569>

Žurnalo pozicija pagal kategorijas:

Economics, Econometrics and Finance: Finance – Q1

Makowska, S., Szyborski, D., Sienkiewicz, N., & Kairyte, A. (2024). Current progress in research into environmentally friendly rigid polyurethane foams. *Materials*, 17(16). <https://doi.org/10.3390/ma17163971>

Žurnalo pozicija pagal kategorijas:

Physics and Astronomy: Condensed Matter Physics – Q2

Materials Science: General Materials Science – Q2

Malaiškienė, J., & Vaičienė, M. (2024). The influence of silica fly ash and wood bottom ash on cement hydration and durability of concrete. *Materials*, 17(16). <https://doi.org/10.3390/ma17164031>

Žurnalo pozicija pagal kategorijas:

Physics and Astronomy: Condensed Matter Physics – Q2
Materials Science: General Materials Science – Q2

Malyško-Ptašinskė, V., Nemeikaitė-Čėnienė, A., Radzevičiūtė-Valčiukė, E., Mickevičiūtė, E., Malakauskaitė, P., Lekešytė, B., & Novickij, V. (2024). Threshold interphase delay for bipolar pulses to prevent cancellation phenomenon during electrochemotherapy. *International Journal of Molecular Sciences*, 25(16). <https://doi.org/10.3390/ijms25168774>

Žurnalo pozicija pagal kategorijas:

Chemistry: Inorganic Chemistry – Q1
Chemistry: Organic Chemistry – Q1
Chemistry: Spectroscopy – Q1
Chemistry: Physical and Theoretical Chemistry – Q1
Computer Science: Computer Science Applications – Q1
Biochemistry, Genetics and Molecular Biology: Molecular Biology – Q2
Chemical Engineering: Catalysis – Q2

Rimkienė, A., Kairytė, A., Vėjelis, S., Kremensas, A., Vaitkus, S., & Šeputytė-Jucikė, J. (2024). Structure formation in engineered wood using wood waste and biopolyurethane. *Materials*, 17(16). <https://doi.org/10.3390/ma17164087>

Žurnalo pozicija pagal kategorijas:

Physics and Astronomy: Condensed Matter Physics – Q2
Materials Science: General Materials Science – Q2

Salii, S., Golovko, L., Kaglyak, O., Kapustynskiy, O., & Višniakov, N. (2024). The formation of a low-carbon steel/Ni-Cr-W alloy bimetallic material via liquid–solid compound casting with a laser assisted solid surface. *Machines*, 12(8). <https://doi.org/10.3390/machines12080522>

Žurnalo pozicija pagal kategorijas:

Mathematics: Control and Optimization – Q2
Engineering: Industrial and Manufacturing Engineering – Q2
Engineering: Mechanical Engineering – Q2
Engineering: Control and Systems Engineering – Q2
Computer Science: Computer Science (miscellaneous) – Q2
Engineering: Electrical and Electronic Engineering – Q3

Sivilevičius, H., Žuraulis, V., & Bražiūnas, J. (2024). Expert evaluation of the significance of criteria for electric vehicle deployment: A case study of Lithuania. *Smart Cities*, 7(4), 2208-2231. <https://doi.org/10.3390/smartcities7040087>

Žurnalo pozicija pagal kategorijas:

Social Sciences: Urban Studies – Q1
Engineering: Electrical and Electronic Engineering – Q1
Computer Science: Artificial Intelligence – Q1

Stulpinas, M., & Daniūnas, A. (2024). An approach of web stiffener calculation in thin-walled columns. *Journal of Civil Engineering and Management*, 30(6), 551-565. <https://doi.org/10.3846/jcem.2024.21793>

Žurnalo pozicija pagal kategorijas:

Engineering: Civil and Structural Engineering – Q1
Business, Management and Accounting: Strategy and Management – Q2

Stulpinas, M., & Daniūnas, A. (2024). Optimization of cold-formed thin-walled cross-sections in portal frames. *Buildings*, 14(8). <https://doi.org/10.3390/buildings14082565>

Žurnalo pozicija pagal kategorijas:

Engineering: Architecture – Q1
Engineering: Building and Construction – Q2
Engineering: Civil and Structural Engineering – Q2

Šišovas, L., Čeponis, A., & Borodinas, S. (2024). The challenges of piezoelectric actuators and motors application in a space environment. *Actuators*, 13(8). <https://doi.org/10.3390/act13080312>

Žurnalo pozicija pagal kategorijas:

Mathematics: Control and Optimization – Q2

Engineering: Control and Systems Engineering – Q2

Tamošaitienė, J., Parham, S., Sarvari, H., Chan, D. W. M., & Edwards, D. J. (2024). A review of the application of synthetic and natural polymers as construction and building materials for achieving sustainable construction. *Buildings*, 14(8). <https://doi.org/10.3390/buildings14082569>

Žurnalo pozicija pagal kategorijas:

Engineering: Architecture – Q1

Engineering: Building and Construction – Q2

Engineering: Civil and Structural Engineering – Q2

Tota, M., Jonderko, L., Witek, J., Novickij, V., & Kulbacka, J. (2024). Cellular and molecular effects of magnetic fields. *International Journal of Molecular Sciences*, 25(16). <https://doi.org/10.3390/ijms25168973>

Žurnalo pozicija pagal kategorijas:

Chemistry: Inorganic Chemistry – Q1

Chemistry: Organic Chemistry – Q1

Chemistry: Spectroscopy – Q1

Chemistry: Physical and Theoretical Chemistry – Q1

Computer Science: Computer Science Applications – Q1

Biochemistry, Genetics and Molecular Biology: Molecular Biology – Q2

Chemical Engineering: Catalysis – Q2

Turskis, Z., & Šniokienė, V. (2024). IoT-driven transformation of circular economy efficiency: An overview. *Mathematical and Computational Applications*, 29(4). <https://doi.org/10.3390/mca29040049>

Žurnalų pozicijos pagal kategorijas nurodytos, jei bent vienoje kategorijoje žurnalas patenka į 1 arba 2 kvartilę (Q). Scopus DB žurnalai į kvartiles skirstomi pagal CiteScore rodiklio reikšmes.

Primename, kad Web of Science ir Scopus DB indeksuojamas publikacijas eLABa PDB užregistruosite greičiau ir tiksliau, jei pasinaudosite įrašų importo iš Web of Science arba Scopus DB į eLABa PDB funkcija.

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- [Atvirąją prieigą](#): atvirosios prieigos principus, publikavimo modelius, autorių teises ir licencijas, atviros prieigos šaltinių paiešką, APC mokesčius ir [VILNIUS TECH autoriams prieinamas APC nuolaidas](#)
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Informaciją parengė:

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