



**VILNIUS
TECH**

Biblioteka

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2024 m. spalio 28 d. Nr. 44 (688)

NAUJIENOS



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mokslų žurnalai

Daugiau bibliotekos naujienų
<https://biblioteka.vilniustech.lt>



Moksliniai straipsniai

Akram, M., Azam, S., Al-Shamiri, M. M. A., & Pamucar, D. (2024). An outranking method for selecting the best gate security system using spherical fuzzy rough numbers. *Engineering Applications of Artificial Intelligence*, 138(B). <https://doi.org/10.1016/j.engappai.2024.109411>

Žurnalo pozicija pagal kategorijas: AUTOMATION & CONTROL SYSTEMS – Q1; COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE – Q1; ENGINEERING, ELECTRICAL & ELECTRONIC – Q1; ENGINEERING, MULTIDISCIPLINARY – Q1

Bendinskaite, S., Bruzaite, I., Rozene, J., Mockaitis, T., Zinovicius, A., Morkvenaite-Vilkonciene, I., Ramanaviciene, A., & Ramanavicius, A. (2024). Microbial fuel cell based on *Ensifer meliloti*. *Journal of the Electrochemical Society*, 171(10). <https://doi.org/10.1149/1945-7111/ad8037>

Žurnalo pozicija pagal kategorijas: ELECTROCHEMISTRY – Q2; MATERIALS SCIENCE, COATINGS & FILMS – Q2

Li, H., Dai, X., Zhou, L., Wu, Q., Deveci, M., & Pamucar, D. (2024). A least-squares framework for developing interval type-2 fuzzy semantics. *Applied Soft Computing*, 167(A). <https://doi.org/10.1016/j.asoc.2024.112293>

Žurnalo pozicija pagal kategorijas: COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE – Q1; COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS – Q1

Masiukiewicz, M., Tanczuk, M., Anweiler, S., Streckiene, G., & Boldyryev, S. (2025). Long-term climate-based sizing and economic assessment of air-water heat pumps for residential heating. *Applied Thermal Engineering*, 258(A). <https://doi.org/10.1016/j.applthermaleng.2024.124627>

Žurnalo pozicija pagal kategorijas: ENGINEERING, MECHANICAL – Q1; MECHANICS – Q1; THERMODYNAMICS – Q1; ENERGY & FUELS – Q2

Meidute-Kavaliauskiene, I., Abdurakhmanova, A., Cigdem, S., & Cincikaite, R. (2024). Sustainable development goals in Kazakhstan's academic landscape: A critical bibliometric study on sustainable development. *Business Management and Economics Engineering*, 22(2), 297–316. <https://doi.org/10.3846/bmee.2024.21848>

Mildaziene, V., Zukiene, R., Fomins, L. D., Nauciene, Z., Minkute, R., Jarukas, L., Drapak, I., Georgiyants, V., Novickij, V., Koga, K., Shiratani, M., & Mykhailenko, O. (2024). Effects of corn treatment with cold plasma and electromagnetic field on growth and production of saffron metabolites in *Crocus sativus*. *International Journal of Molecular Sciences*, 25(19). <https://doi.org/10.3390/ijms251910412>

Žurnalo pozicija pagal kategorijas: BIOCHEMISTRY & MOLECULAR BIOLOGY – Q1; CHEMISTRY, MULTIDISCIPLINARY – Q2

Peciulis, T., & Vasiliauskaite, A. (2024). The influence of unconventional monetary policy tools: An euro area perspective. *Business Management and Economics Engineering*, 22(2), 317–332. <https://doi.org/10.3846/bmee.2024.21191>

Vitola, L., Pundiene, I., Pranckeviciene, J., & Bajare, D. (2024). Innovative hemp shive-based bio-composites: Part I: Modification of potato starch binder by sodium meta-silicate and glycerol. *Materials*, 17(19). <https://doi.org/10.3390/ma17194911>

Žurnalo pozicija pagal kategorijas: METALLURGY & METALLURGICAL ENGINEERING – Q1; MATERIALS SCIENCE, MULTIDISCIPLINARY – Q2; PHYSICS, APPLIED – Q2; PHYSICS, CONDENSED MATTER – Q2; CHEMISTRY, PHYSICAL – Q3

Zakauskiene, U., Bratcikoviene, N., Macioniene, E., Zabuliene, L., Sukackiene, D., Linkeviciute-Dumce, A., Karosiene, D., Banys, V., Migline, V., Utkus, A., & Miglinas, M. (2024). Association of urinary sodium, potassium, and the sodium-to-potassium ratio with impaired kidney function assessed with 24-h urine analysis. *Nutrients*, 16(19). <https://doi.org/10.3390/nu16193400>

Žurnalo pozicija pagal kategorijas: NUTRITION & DIETETICS – Q1

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

2024.10.21 – 2024.10.27

Moksliniai straipsniai

Caban, J., Nieoczym, A., Matijošius, J., Kilikevičius, A., & Drozd, K. (2024). Analysis of the construction of the car trailer frame in terms of changing the assembly technology. *Scientific Journal of Silesian University of Technology. Series Transport*, 124, 47–61. <https://doi.org/10.20858/sjsutst.2024.124.4>

Drejeris, R., Katinienė, A., Vaičiūtė, K., & Čiutienė, R. (2024). Model for assessing engineering competencies of logistics specialists in transport organisations. *Engineering Management in Production and Services*, 16(3), 56–74. <https://doi.org/10.2478/emj-2024-0024>

Žurnalo pozicija pagal kategorijas:

Engineering: Industrial and Manufacturing Engineering – Q2

Business, Management and Accounting: Management of Technology and Innovation – Q2

Business, Management and Accounting: Management Information Systems – Q2

Business, Management and Accounting: Strategy and Management – Q2

Hogeforster, M., & Ginevičius, R. (2024). Implementation of the work-based learning model in SMEs: Ranking the indicators of feasibility based on transitivity. *Economics and Sociology*, 17(3), 291–302. <https://doi.org/10.14254/2071-789X.2024/17-3/15>

Žurnalo pozicija pagal kategorijas:

Social Sciences: Social Sciences (miscellaneous) – Q1

Economics, Econometrics and Finance: General Economics, Econometrics and Finance – Q1

Business, Management and Accounting: Business, Management and Accounting (miscellaneous) – Q1

Holmen, R. B., Carvelli, G., Razminienė, K., & Tvaronavičienė, M. (2024). Macroeconomic influences on recycling in Europe: An econometric investigation. *Circular Economy and Sustainability*. <https://doi.org/10.1007/s43615-024-00418-x>

Žurnalo pozicija pagal kategorijas:

Environmental Science: General Environmental Science – Q1

Energy: Renewable Energy, Sustainability and the Environment – Q2

Komari Alaei, M. R., Rostamzadeh, R., Albayrak, K., Turskis, Z., & Šaparauskas, J. (2024). Improving prediction accuracy of open shop scheduling problems using hybrid artificial neural network and genetic algorithm. *Journal of Business Economics and Management*, 25(5), 892–920. <https://doi.org/10.3846/jbem.2024.22242>

Žurnalo pozicija pagal kategorijas:

Business, Management and Accounting: Business, Management and Accounting (miscellaneous) – Q1

Economics, Econometrics and Finance: Economics and Econometrics – Q1

Lukoševičius, V., Bazaras, Ž., Putnaitė, D., & Bazaraitė, E. (2024). Damage analysis of rolling stock automatic coupler under cyclic loads. *Applied Sciences (Switzerland)*, 14(19). <https://doi.org/10.3390/app14199025>

Žurnalo pozicija pagal kategorijas:

Engineering: General Engineering – Q1

Physics and Astronomy: Instrumentation – Q2
Chemical Engineering: Fluid Flow and Transfer Processes – Q2
Computer Science: Computer Science Applications – Q2
Materials Science: General Materials Science – Q2
Chemical Engineering: Process Chemistry and Technology – Q3

Mildažienė, V., Žūkienė, R., Fomins, L. D., Naučienė, Z., Minkutė, R., Jarukas, L., Drapak, I., Georgiyants, V., Novickij, V., Koga, K., Shiratani, M., & Mykhailenko, O. (2024). Effects of corn treatment with cold plasma and electromagnetic field on growth and production of saffron metabolites in *Crocus sativus*. *International Journal of Molecular Sciences*, 25(19). <https://doi.org/10.3390/ijms251910412>

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

Pal, D., Sharma, H. K., Prentkovskis, O., Chakraborty, F., & Maskeliūnaitė, L. (2024). A study of the multi-objective neighboring only quadratic minimum spanning tree problem in the context of uncertainty. *Applied Sciences (Switzerland)*, 14(19). <https://doi.org/10.3390/app14198941>

Žurnalo pozicija pagal kategorijas:

Engineering: General Engineering – Q1
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Chemical Engineering: Fluid Flow and Transfer Processes – Q2
Computer Science: Computer Science Applications – Q2
Materials Science: General Materials Science – Q2
Chemical Engineering: Process Chemistry and Technology – Q3

Rimkus, A., Stravinskas, S., Matijošius, J., & Hunicz, J. (2024). Effects of different gas energy shares on combustion and emission characteristics of compression ignition engine fueled with dual-fossil fuel and dual-biofuel. *Energy*, 312. <https://doi.org/10.1016/j.energy.2024.133443>

Žurnalo pozicija pagal kategorijas:

Mathematics: Modeling and Simulation – Q1
Engineering: Civil and Structural Engineering – Q1
Engineering: Building and Construction – Q1
Engineering: Mechanical Engineering – Q1
Environmental Science: Management, Monitoring, Policy and Law – Q1
Engineering: Electrical and Electronic Engineering – Q1
Engineering: Industrial and Manufacturing Engineering – Q1
Energy: Energy Engineering and Power Technology – Q1
Energy: Fuel Technology – Q1
Environmental Science: Pollution – Q1
Energy: Renewable Energy, Sustainability and the Environment – Q1
Energy: General Energy – Q1

Vitola, L., Pundiene, I., Pranckeviciene, J., & Bajare, D. (2024). Innovative hemp shive-based bio-composites: Part I: Modification of potato starch binder by sodium meta-silicate and glycerol. *Materials*, 17(19). <https://doi.org/10.3390/ma17194911>

Žurnalo pozicija pagal kategorijas:

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

Zakauskiene, U., Bratcikoviene, N., Macioniene, E., Zabuliene, L., Sukackiene, D., Linkeviciute-Dumce, A., Karosiene, D., Banys, V., Migline, V., Utkus, A., & Miglinas, M. (2024). Association of urinary sodium, potassium, and the sodium-to-potassium ratio with impaired kidney function assessed with 24-h urine analysis. *Nutrients*, 16(19). <https://doi.org/10.3390/nu16193400>

Žurnalo pozicija pagal kategorijas:

Agricultural and Biological Sciences: Food Science – Q1

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.

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