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2025 m. birželio 23 d. Nr. 25 (722)

NAUJIENOS



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



Moksliniai straipsniai

Biyada, S., & Urbonavicius, J. (2025). Could bioplastics mitigate and solve world's plastic invasion? *Journal of Environmental Chemical Engineering*, 13(4).

<https://doi.org/10.1016/j.jece.2025.117226>

Žurnalo pozicija pagal kategorijas: ENGINEERING, CHEMICAL – Q1; ENGINEERING, ENVIRONMENTAL – Q1

Kizinievic, O., Trambitski, Y., Kizinievic, V., Voisniene, V., & Dascioraite, I. (2025). Exploring the Potential of Green Clay Materials Through Sustainable Modification with Natural Polysaccharides. *Buildings*, 15(11). <https://doi.org/10.3390/buildings15111870>

Žurnalo pozicija pagal kategorijas: CONSTRUCTION & BUILDING TECHNOLOGY – Q2; ENGINEERING, CIVIL – Q2

Radzeviciute-Valciuke, E., Mickeviciute, E., Zelvys, A., Lekesyte, B., Malakauskaite, P., Gecaite, J., Malysko-Ptasinske, V., German, N., Zalneravicius, R., Kas, V., Kulbacka, J., & Novickij, V. (2025). Improving bleomycin electrochemotherapy with gold nanoparticles: first in vivo study on intra-tumoral field amplification. *Bioelectrochemistry*, 165.

<https://doi.org/10.1016/j.bioelechem.2025.108999>

Žurnalo pozicija pagal kategorijas: BIOCHEMISTRY & MOLECULAR BIOLOGY – Q2; BIOLOGY – Q1; BIOPHYSICS – Q1; ELECTROCHEMISTRY – Q2

Stosiak, M., Karpenko, M., & Skackauskas, P. (2025). Variations in the pressure pulsation spectrum of a hydraulic system with an oscillating relief valve. *Advances in Mechanical Engineering*, 17(6). <https://doi.org/10.1177/16878132251343945>

DARBUOTOJŲ PUBLIKACIJOS ĮTRAUKTOS Į SCOPUS DUOMENŲ BAZĘ

2025.06.16 – 2025.06.22

Moksliniai straipsniai

Beliautso, V., Skrickij, V., Alfonso, J., Giltay, J., Buchner, F., Castellanos, J. A., Shyrokau, B., & Ivanov, V. (2025). Geographically Distributed Test Environment: Validation of Integrated Motion Control of Multi-Actuated Electric Vehicle. *IEEE Open Journal of Vehicular Technology*.

<https://doi.org/10.1109/OJVT.2025.3578224>

Žurnalo pozicija pagal kategorijas:

Engineering: Automotive Engineering – Q1

Dai, H.-L., Zulqarnain, R. M., Ali, S., Delen, D., & Deveci, M. (2025). Assessment of bio-medical waste disposal techniques using interval-valued pythagorean fuzzy soft Einstein aggregation information. *Information Sciences*, 718. <https://doi.org/10.1016/j.ins.2025.122393>

Žurnalo pozicija pagal kategorijas:

Engineering: Control and Systems Engineering – Q1

Mathematics: Theoretical Computer Science – Q1

Computer Science: Computer Science Applications – Q1

Decision Sciences: Information Systems and Management – Q1

Computer Science: Software – Q1

Computer Science: Artificial Intelligence – Q1

Dehkordi, M. F., Hatefi, S. M., & Tamošaitienė, J. (2025). An Integrated Fuzzy Shannon Entropy and Fuzzy ARAS Model Using Risk Indicators for Water Resources Management Under Uncertainty. *Sustainability Switzerland*, 17(11). <https://doi.org/10.3390/su17115108>

Žurnalo pozicija pagal kategorijas:

Social Sciences: Geography, Planning and Development – Q1
Environmental Science: Environmental Science (miscellaneous) – Q1
Computer Science: Computer Science (miscellaneous) – Q1
Environmental Science: Management, Monitoring, Policy and Law – Q1
Computer Science: Computer Networks and Communications – Q1
Computer Science: Hardware and Architecture – Q1
Energy: Energy Engineering and Power Technology – Q1
Energy: Renewable Energy, Sustainability and the Environment – Q2

Griškevičius, J., Daunoravičienė, K., Petrauskas, L., Apšega, A., & Alekna, V. (2025). Retrospective Frailty Assessment in Older Adults Using Inertial Measurement Unit-Based Deep Learning on Gait Spectrograms. *Sensors*, 25(11). <https://doi.org/10.3390/s25113351>

Žurnalo pozicija pagal kategorijas:

Physics and Astronomy: Instrumentation – Q1
Engineering: Electrical and Electronic Engineering – Q1
Chemistry: Analytical Chemistry – Q1
Physics and Astronomy: Atomic and Molecular Physics, and Optics – Q1
Computer Science: Information Systems – Q1
Biochemistry, Genetics and Molecular Biology: Biochemistry – Q1

Jasevičius, R. (2025). Cholesterol Particle Interaction with the Surface of Blood Vessels. *Mathematics*, 13(11). <https://doi.org/10.3390/math13111721>

Žurnalo pozicija pagal kategorijas:

Mathematics: General Mathematics – Q1
Engineering: Engineering (miscellaneous) – Q2
Computer Science: Computer Science (miscellaneous) – Q2

Kizinievič, O., Trambitski, Y., Kizinievič, V., Voišnienė, V., & Daščioraitė, I. (2025). Exploring the Potential of Green Clay Materials Through Sustainable Modification with Natural Polysaccharides. *Buildings*, 15(11). <https://doi.org/10.3390/buildings15111870>

Žurnalo pozicija pagal kategorijas:

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

Malikėnaitė, G., Rimkus, A., Rudinskas, D., Jukna, A., & Gribniak, V. (2025). Additive Manufacturing of Conductive Pathways for Drone Electrical Equipment. *Polymers*, 17(11). <https://doi.org/10.3390/polym17111452>

Žurnalo pozicija pagal kategorijas:

Chemistry: General Chemistry – Q1
Materials Science: Polymers and Plastics – Q1

Maskeliūnas, R., Katkevičius, A., Zagorskis, A., Hołubowski, W., Damaševičius, R., & Plonis, D. (2025). Directional Pareto optimized Kalman filtering with Demyanov–Rubinov subdifferentials for robust pollution concentration prediction. *Advanced Engineering Informatics*, 67. <https://doi.org/10.1016/j.aei.2025.103542>

Žurnalo pozicija pagal kategorijas:

Computer Science: Information Systems – Q1
Computer Science: Artificial Intelligence – Q1

Milek, T., Orynycz, O., Matijošius, J., Tucki, K., Kulesza, E., Kozłowski, E., & Wasiak, A. (2025). Research on Energy Management in Forward Extrusion Processes Based on Experiment and Finite Element Method Application. *Materials*, 18(11). <https://doi.org/10.3390/ma18112616>

Žurnalo pozicija pagal kategorijas:

Physics and Astronomy: Condensed Matter Physics – Q1
Materials Science: General Materials Science – Q2

Shahab, S., Alazman, I., Dutta, A. K., Anjum, M., Simic, V., Stević, Ž., & Alqahtani, N. A. (2025). Promoting Tailored Hotel Recommendations Based on Traveller Preferences: A Circular

Intuitionistic Fuzzy Decision Support Model. *CMES Computer Modeling in Engineering and Sciences*, 143(2), 2155–2183. <https://doi.org/10.32604/cmes.2025.064553>

Žurnalo pozicija pagal kategorijas:

Mathematics: Modeling and Simulation – Q2

Computer Science: Computer Science Applications – Q2

Computer Science: Software – Q2

Stosiak, M., Karpenko, M., & Skačkauskas, P. (2025). Variations in the pressure pulsation spectrum of a hydraulic system with an oscillating relief valve. *Advances in Mechanical Engineering*, 17(6). <https://doi.org/10.1177/16878132251343945>

Žurnalo pozicija pagal kategorijas:

Engineering: Mechanical Engineering – Q2

Streimikiene, D., & Kyriakopoulos, G. L. (2025). Decarbonization of the Tourism Sector: Case Study of Baltic States. *Journal of Tourism and Services*, 16(30), 302–321.

<https://doi.org/10.29036/2dt7ee21>

Žurnalo pozicija pagal kategorijas:

Business, Management and Accounting: Tourism, Leisure and Hospitality Management – Q1

Vėjelis, S., Kairytė, A., Vaitkus, S., & Kremensas, A. (2025). The Use of Bio-Polyurethane Binder for the Development of Engineered Wood Composites. *Polymers*, 17(11).

<https://doi.org/10.3390/polym17111434>

Žurnalo pozicija pagal kategorijas:

Chemistry: General Chemistry – Q1

Materials Science: Polymers and Plastics – Q1

Vipartas, T., Rimkus, A., Stravinskas, S., Pitrenas, A., & Matulis, A. (2025). Spark Ignition (SI) Engine Energy and Ecological Performance Using Natural Gas and Late Intake Valve Close (LIVC). *Applied Sciences Switzerland*, 15(11). <https://doi.org/10.3390/app15116185>

Žurnalo pozicija pagal kategorijas:

Engineering: General Engineering – Q1

Physics and Astronomy: Instrumentation – Q1

Chemical Engineering: Fluid Flow and Transfer Processes – Q1

Computer Science: Computer Science Applications – Q2

Materials Science: General Materials Science – Q2

Chemical Engineering: Process Chemistry and Technology – Q2

Konferencijų pranešimai

Khatory, S., Mellouli, E. M., Chafouk, H., & Žuraulis, V. (2025). Fixed-Time Nonsingular based Sliding Mode Lateral Control for Autonomous Vehicle. *2025 5th International Conference on Innovative Research in Applied Science Engineering and Technology Iraset 2025*.

<https://doi.org/10.1109/IRASET64571.2025.11008165>

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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Informaciją parengė:

Orinta Sajetienė
tel.: (0 5) 251 2254, vietinis 9254
el.p. orinta.sajetiene@vilniustech.lt

Vykinta Ramanauskienė
tel.: (0 5) 251 2250, vietinis 9250
el. p: vykinta.ramanauskiene@vilniustech.lt