

## BIBLIOTEKA INFORMUOJA

2025 m. birželio 30 d. Nr. 26 (723)

### NAUJIENOS



Inžinerijos ir technologijų platformos Knovel testavimas



Naujasis jubiliejinis 2025 metų Journal Citation Reports (JCR) leidimas ir 2024 JIF reikšmės



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## **Moksliniai straipsniai**

**Ahamed, T. S., Almoallim, H. S., Chinnathambi, A., Josephin, J. S. F., & Varuvel, E. G.** (2025). Impact of  $\text{Al}_2\text{O}_3$ ,  $\text{CaO}$ , and  $\text{Fe}_2\text{O}_3$  additives on spirulina biodiesel blends in a comparative compression ignition engine study. *International Journal of Hydrogen Energy*, 139, 1159–1167. <https://doi.org/10.1016/j.ijhydene.2025.03.415>

Žurnalo pozicija pagal kategorijas: CHEMISTRY, PHYSICAL – Q1; ELECTROCHEMISTRY – Q1; ENERGY & FUELS – Q1

**Ahamed, T. S., Almoallim, H. S., Chinnathambi, A., Josephin, J. S. F., & Varuvel, E. G.** (2025). Scenedesmus dimorphus microalgae biodiesel blends on conventional diesel engines assisted with  $\text{Al}_2\text{O}_3$  nanoparticles and hydrogen as secondary fuel. *International Journal of Hydrogen Energy*, 143, 751–759. <https://doi.org/10.1016/j.ijhydene.2025.05.031>

Žurnalo pozicija pagal kategorijas: CHEMISTRY, PHYSICAL – Q1; ELECTROCHEMISTRY – Q1; ENERGY & FUELS – Q1

**Akbiyik, T., Ozturk, O., Yildiz, M., Kale, U., & Kilikevicius, A.** (2025). The future of hydrogen fuel in aviation: Economic analysis of current applications. *International Journal of Hydrogen Energy*, 143, 650–658. <https://doi.org/10.1016/j.ijhydene.2025.04.324>

Žurnalo pozicija pagal kategorijas: CHEMISTRY, PHYSICAL – Q1; ELECTROCHEMISTRY – Q1; ENERGY & FUELS – Q1

**Chlebnikovas, A., Paliulis, D., Zigmontiene, A., Alharasees, O., Kale, U., & Kilikevicius, A.** (2025). Exploring the intersection of bioreactor technology and hydrogen energy: Experimental research and numerical modeling. *International Journal of Hydrogen Energy*, 142, 1287–1297. <https://doi.org/10.1016/j.ijhydene.2025.04.145>

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**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: COMPUTER SCIENCE, INFORMATION SYSTEMS – Q1

**Duraisamy, B., Palanichamy, S., Varuvel, E. G., Stanley, M. J., Sonthalia, A., Mubarak, M., Subramanian, T., John, J. G., Chinnathambi, A., & Pugazhendhi, A.** (2025). Enhancing performance and reducing emissions with renewable fuels: Prosopis Juliflora methyl ester-alcohol blends with hydrogen in a compression ignition engine. *International Journal of Hydrogen Energy*, 142, 1211–1224. <https://doi.org/10.1016/j.ijhydene.2025.02.153>

Žurnalo pozicija pagal kategorijas: CHEMISTRY, PHYSICAL – Q1; ELECTROCHEMISTRY – Q1; ENERGY & FUELS – Q1

**Hosseini, E., Kadir, D. H., Al-Ghaili, A. M., & Deveci, M.** (2025). Multi-objective and multi-level models to optimize integration of hybrid renewable energy systems. *Journal of Industrial Information Integration*, 46. <https://doi.org/10.1016/j.jii.2025.100826>

Žurnalo pozicija pagal kategorijas: COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS – Q1; ENGINEERING, INDUSTRIAL – Q1

**Jarasuniene, A., & Gelzinis, M.** (2025). Risk and crisis management strategies in the logistics sector: Theoretical approaches and practical models. *Future Transportation*, 5(2). <https://doi.org/10.3390/futuretransp5020074>

**Kairyte, A., & Levina, A. (2025).** The impact of dextrin-activated expanded perlite and vermiculite particles on the performance of thermal insulating rapeseed oil-based polyurethane foam composites. *Applied Sciences-Basel*, 15(12). <https://doi.org/10.3390/app15126604>

Žurnalo pozicija pagal kategorijas: ENGINEERING, MULTIDISCIPLINARY – Q2; CHEMISTRY, MULTIDISCIPLINARY – Q3; MATERIALS SCIENCE, MULTIDISCIPLINARY – Q3; PHYSICS, APPLIED – Q3

**Kaspute, G., Ivaskiene, T., Ramanavicius, A., Ramanavicius, S., & Prentice, U. (2025).** Terpenes and essential oils in pharmaceuticals: Applications as therapeutic agents and penetration enhancers with advanced delivery systems for improved stability and bioavailability. *Pharmaceutics*, 17(6). <https://doi.org/10.3390/pharmaceutics17060793>

Žurnalo pozicija pagal kategorijas: PHARMACOLOGY & PHARMACY – Q1

**Khan, T., Khan, U., Khan, A., Mollan, C., Morkvenaite-Vilkonciene, I., & Pandey, V. (2025).** Data-driven digital twin framework for predictive maintenance of smart manufacturing systems. *Machines*, 13(6). <https://doi.org/10.3390/machines13060481>

Žurnalo pozicija pagal kategorijas: ENGINEERING, ELECTRICAL & ELECTRONIC – Q2; ENGINEERING, MECHANICAL – Q2

**Komatina, N., & Marinkovic, D. (2025).** Optimization of PFMEA team composition in the automotive industry using the IPF-RADAR approach. *Algorithms*, 18(6). <https://doi.org/10.3390/a18060342>

Žurnalo pozicija pagal kategorijas: COMPUTER SCIENCE, THEORY & METHODS – Q2; COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE – Q3

**Maskeliunas, R., Katkevicius, A., Zagorskis, A., Holubowski, W., Damasevicius, 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, ARTIFICIAL INTELLIGENCE – Q1; ENGINEERING, MULTIDISCIPLINARY – Q1

**Milek, T., Orynycz, O., Matijosius, J., Tucki, K., Kulesza, E., Kozlowski, 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: METALLURGY & METALLURGICAL ENGINEERING – Q2; PHYSICS, APPLIED – Q2; PHYSICS, CONDENSED MATTER – Q2; CHEMISTRY, PHYSICAL – Q3; MATERIALS SCIENCE, MULTIDISCIPLINARY – Q3

**Orynycz, O., Rodrigues, G. S., dos Reis, J. G. M., Kulesza, E., Matijosius, J., & Machado, S. T. (2025).** Energy and environmental benefits of In-Motion Charging trolleybuses: A case study of Vilnius. *Energies*, 18(12). <https://doi.org/10.3390/en18123015>

**Pal, U. K., Zhang, C., Timalisina, S., Quapp, U., & Li, H. (2025).** Comparative analysis of regulatory compliance and legal issues in small modular nuclear reactor deployment. *Journal of Legal Affairs and Dispute Resolution in Engineering and Construction*, 17(3). <https://doi.org/10.1061/JLADAH.LADR-1270>

Žurnalo pozicija pagal kategorijas: LAW – Q1

**Punniakodi, B. M. S., Sundaravadivel, G., Muthuvelu, P., Balasubramanian, D., Kale, U., & Matijosius, J. (2025).** Enhanced fusion dynamics of graphene-infused phase change materials in a concentric tube system for optimized solar thermal energy storage. *Case Studies in Thermal Engineering*, 73. <https://doi.org/10.1016/j.csite.2025.106444>

Žurnalo pozicija pagal kategorijas: THERMODYNAMICS – Q1

**Spasenic, I., Tadic, D., Cabarkapa, M., Marinkovic, D., & Komatina, N. (2025).** Cloud platform selection using extended multi-attribute decision-making methods with interval type-2 fuzzy sets. *Axioms*, 14(6). <https://doi.org/10.3390/axioms14060469>

Žurnalo pozicija pagal kategorijas: MATHEMATICS, APPLIED – Q2

**Timalsina, S., Zhang, C., Quapp, U., Demirkesen, S., & Olorunnishola, A.** (2025). Machine learning-based predictive model for dispute occurrence and resolution strategies in pipeline projects. *Journal of Legal Affairs and Dispute Resolution in Engineering and Construction*, 17(3). <https://doi.org/10.1061/JLADAH.LADR-1334>

Žurnalo pozicija pagal kategorijas: LAW – Q1

## **DARBUOTOJŲ PUBLIKACIJOS ĮTRAUKTOS Į SCOPUS DUOMENŲ BAZĘ**

**2025.06.23 – 2025.06.29**

### **Moksliniai straipsniai**

**Chizhova, M., Gorkovchuk, D., Luhmann, T., & Popovas, D.** (2025). Simulation of mobile and dynamic scanning in the virtual simulator VRscan3D. *AVN Allgemeine Vermessungs-Nachrichten*, 132(1–2), 51–58. <https://doi.org/10.14627/avn.2025.1-2.5>

**Jana, S., Giri, B. C., Sarkar, A., Jana, C., & Zavadskas, E. K.** (2025). Fuzzy technique for order preference by similarity to ideal solution approach for financial efficiency measurement of the private banks. *Transformations in Business and Economics*, 24(2), 195–224.

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 – Q2

**Jarašūnienė, A., & Engelaitis, R.** (2025). Estimation on the attractiveness of public transport: Vilnius city case. *Business: Theory and Practice*, 26(1), 233-240. <https://doi.org/10.3846/btp.2025.23555>

Žurnalo pozicija pagal kategorijas:

Business, Management and Accounting: Strategy and Management – Q2

**Komatina, N., Marinković, D., Tadić, D., & Pamučar, D.** (2025). Advancing PFMEA decision-making: FRADAR based prioritization of failure modes using AP, RPN, and multi-attribute assessment in the automotive industry. *Tehnicki Glasnik*, 19(3), 442–451. <https://doi.org/10.31803/tg-20250221185213>

### **Konferencijų pranešimai**

**Bareikis, N.** (2025). High strength steel influence on sustainability of corrugated soil-steel composite bridge. *IABSE Symposium Tokyo 2025: Environmentally Friendly Technologies and Structures: Focusing on Sustainable Approaches - Report*, 807–814. <https://doi.org/10.2749/tokyo.2025.0807>

### **Knygų skyriai**

**Šūmakaris, P., Kovaitė, K., & Korsakienė, R.** (2025). Mapping a system of co-operation in implementation of eco-innovation strategies. In *Studies in Systems, Decision and Control* (Vol. 505, pp. 351-371). [https://doi.org/10.1007/978-3-031-43506-5\\_21](https://doi.org/10.1007/978-3-031-43506-5_21)

Žurnalo pozicija pagal kategorijas:

Social Sciences: Social Sciences (miscellaneous) – Q2

Economics, Econometrics and Finance: Economics, Econometrics and Finance (miscellaneous) – Q3

Mathematics: Control and Optimization – Q3

Decision Sciences: Decision Sciences (miscellaneous) – Q3

Engineering: Automotive Engineering – Q3

Engineering: Control and Systems Engineering – Q3

Computer Science: Computer Science (miscellaneous) – Q3

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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