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## DARBUOTOJŲ PUBLIKACIJOS ĮTRAUKTOS Į WEB OF SCIENCE DUOMENŲ BAZĘ

2026.02.09 – 2026.02.15

### Moksliniai straipsniai

**Astrauskas, T., Balciunas, G., Bradulienė, J., Ruzickij, R., Naimusin, A., & Janusevicius, T.** (2026). Acoustic and thermal insulation properties of rubberhemp shive composite bonded with regenerated polyurethane resin. *Scientific Reports*, 16(1). <https://doi.org/10.1038/s41598-026-35411-x>

Žurnalo pozicija pagal kategorijas: MULTIDISCIPLINARY SCIENCES – Q1

**Banaitienė, N., Cataldo, I., & Banaitis, A.** (2025). Human factors in PropTech adoption: Professional readiness and organisational challenges in Baltic real estate. *Human Technology*, 21(3), 596–619. <https://doi.org/10.14254/1795-6889.2025.21-3.6>

**Chen, Y., Liu, X., Deveci, M., Wang, Z., & Zhang, S.** (2026). Preference disaggregation-based multiclass Mahalanobis-Taguchi system applied to medical insurance fraud. *Engineering Applications of Artificial Intelligence*, 167(3). <https://doi.org/10.1016/j.engappai.2026.113934>

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

**Dirzyte, A., Skarzauskiene, A., & Patapas, A.** (2026). From experience to action: Correlates of Lithuanian citizens' engagement in climate adaptation. *Current Research in Environmental Sustainability*, 11. <https://doi.org/10.1016/j.crsust.2026.100335>

Žurnalo pozicija pagal kategorijas: ENVIRONMENTAL SCIENCES – Q2; ENVIRONMENTAL STUDIES – Q2

**Edalatpanah, S. A., Faghidian, S. F., Pamucar, D., & Simic, V.** (2026). Investigating the impact of unconventional variables on the improvement of OPEC crude oil price forecasting modeling. *Financial Innovation*, 12(1). <https://doi.org/10.1186/s40854-026-00907-y>

Žurnalo pozicija pagal kategorijas: BUSINESS, FINANCE – Q1; SOCIAL SCIENCES, MATHEMATICAL METHODS – Q1

**Gorcun, O. F., Demir, G., Pamucar, D., & Simic, V.** (2026). Selection of underground hydrogen storage systems using a novel fuzzy model. *Energy Conversion and Management*, 352. <https://doi.org/10.1016/j.enconman.2026.121082>

Žurnalo pozicija pagal kategorijas: ENERGY & FUELS – Q1; MECHANICS – Q1; THERMODYNAMICS – Q1

**Gorauskis, D., Kasparaitis, A., & Jakstas, Z.** (2026). Metrological assessment and direction-aware compensation of an industrial rotary encoder calibration system. *Engineering Research Express*, 8(3). <https://doi.org/10.1088/2631-8695/ae3bb0>

Žurnalo pozicija pagal kategorijas: ENGINEERING, MULTIDISCIPLINARY – Q2

**Hellwich, E., Barcena, M. L., Sowa, P., Novickij, V., Tsauro, I., Schaffer, T. E., & Kielbik, A.** (2026). Extracellular Ca<sup>2+</sup> drives cytoskeletal remodeling and cell swelling following nanosecond pulsed electric field exposure. *Bioelectrochemistry*, 170. <https://doi.org/10.1016/j.bioelechem.2026.109241>

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

**Kielbik, A., Hellwich, E., Bahlinger, V., Sowa, P., Lambton, D., Kuehs, M., Barcena, M. L., Vakhrusheva, O., Proebsting, H., Walz, S., Schaeffer, T. E., Fend, F., Novickij, V., Amend, B., & Tsauro, I.** (2025). Nanosecond pulsed electric fields induce cell-size-dependent selective permeabilization of urothelial cancer cells. *Communications Biology*, 9(1). <https://doi.org/10.1038/s42003-025-09432-7>

Žurnalo pozicija pagal kategorijas: BIOLOGY – Q1

**Lebedis, I., Pachaleva, J., Bernotiene, E., Bironaite, D., Ragauskas, T., Kvedaras, G., Terbetas, G., & Uzieliene, I.** (2026). Effect of HIF-1 $\alpha$  inhibitor LW6 on chondrogenic properties of mesenchymal stromal cells and chondrocytes in cell sheets under physioxia. *Journal of Biological Engineering*, 20(1). <https://doi.org/10.1186/s13036-025-00588-8>

Žurnalo pozicija pagal kategorijas: BIOCHEMICAL RESEARCH METHODS – Q1; BIOTECHNOLOGY & APPLIED MICROBIOLOGY – Q1

**Qamar, F., Zareef, I., Riaz, M., Aslam, M., Simic, V., & Pamucar, D.** (2026). Circular intuitionistic fuzzy Dombi Bonferroni mean aggregation operators and MEREC-RAFSI approach for optimizing vehicle routing software. *Applied Soft Computing*, 191. <https://doi.org/10.1016/j.asoc.2026.114642>

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

**Saraei, S. H., & Peters, B.** (2026). Challenging the physical origin of tumbling in idealized settling of two spherical particles. *Particuology*, 110, 131–143. <https://doi.org/10.1016/j.partic.2026.01.006>

Žurnalo pozicija pagal kategorijas: ENGINEERING, CHEMICAL – Q2; MATERIALS SCIENCE, MULTIDISCIPLINARY – Q2

## Konferencijų tezės

**Andruskevicius, S., Kapustynska, V., & Ryliskiene, K.** (2025). Predicting migraine attacks using nighttime wearable sensor data. *Journal Of Headache and Pain*, 26(2).

Žurnalo pozicija pagal kategorijas: CLINICAL NEUROLOGY – Q1; NEUROSCIENCES – Q1

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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

2026.02.09 – 2026.02.15

## Moksliniai straipsniai

**Abromavicius, V., Griškevičius, J., Matuzevičius, D., Maknickas, A., Plonis, D., & Maskeliūnas, R.** (2026). Calibration-free shoulder kinematics using single and dual asynchronous RGB-D cameras. *IEEE Access*. <https://doi.org/10.1109/ACCESS.2026.3659738>

Žurnalo pozicija pagal kategorijas:

Engineering: General Engineering – Q1

Computer Science: General Computer Science – Q1

Materials Science: General Materials Science – Q1

**Astrauskas, T., Balčiūnas, G., Bradulienė, J., Ružickij, R., Naimušin, A., & Januševičius, T.** (2026). Acoustic and thermal insulation properties of rubberhemp shive composite bonded with regenerated polyurethane resin. *Scientific Reports*, 16(1). <https://doi.org/10.1038/s41598-026-35411-x>

Žurnalo pozicija pagal kategorijas:

Multidisciplinary – Q1

**Chen, Y., Liu, X., Deveci, M., Wang, Z., & Zhang, S.** (2026). Preference disaggregation-based multiclass Mahalanobis-Taguchi system applied to medical insurance fraud. *Engineering Applications of Artificial Intelligence*, 167. <https://doi.org/10.1016/j.engappai.2026.113934>

Žurnalo pozicija pagal kategorijas:

Engineering: Electrical and Electronic Engineering – Q1

Engineering: Control and Systems Engineering – Q1

Computer Science: Artificial Intelligence – Q1

**Davidavičienė, V., & Limanovskaja, A.** (2025). Digital transformation of educational processes in higher education: Tendencies and consequences. *Journal of Competitiveness*, 17(3), 202–221. <https://doi.org/10.7441/joc.2025.03.08>

Žurnalo pozicija pagal kategorijas:

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

Business, Management and Accounting: General Business, Management and Accounting – Q1

**Edalatpanah, S. A., Faghidian, S. F., Pamucar, D., & Simic, V.** (2026). Investigating the impact of unconventional variables on the improvement of OPEC crude oil price forecasting modeling. *Financial Innovation*, 12(1). <https://doi.org/10.1186/s40854-026-00907-y>

Žurnalo pozicija pagal kategorijas:

Economics, Econometrics and Finance: Finance – Q1

Business, Management and Accounting: Management of Technology and Innovation – Q1

**Eti, S., Yıldız, H., Özyayın, O., Yüksel, S., Dinçer, H., Deveci, M., & Antucheviciene, J.** (2026). Behavioral economics-oriented energy storage investment analysis: A holistic decision support model with advanced fuzzy techniques. *Journal of Environmental Management*, 401. <https://doi.org/10.1016/j.jenvman.2026.128909>

Žurnalo pozicija pagal kategorijas:

Environmental Science: Management, Monitoring, Policy and Law – Q1

Environmental Science: Environmental Engineering – Q1

Environmental Science: Waste Management and Disposal – Q1

**Grigaliūnaitė-Vonsevičienė, G., & Jukna, A.** (2026). Field- and angle-dependent AC susceptibility in multigrain  $\text{La}_{0.66}\text{Sr}_{0.34}\text{MnO}_3$  thin films on YSZ(001) substrates. *Materials*, 19(2). <https://doi.org/10.3390/ma19020331>

Žurnalo pozicija pagal kategorijas:

Physics and Astronomy: Condensed Matter Physics – Q1

Materials Science: General Materials Science – Q2

**Gorauskis, D., Kasparaitis, A., & Jakstas, Ž.** (2026). Metrological assessment and direction-aware compensation of an industrial rotary encoder calibration system. *Engineering Research Express*, 8(3). <https://doi.org/10.1088/2631-8695/ae3bb0>

**Kielbik, A., Hellwich, E., Bahlinger, V., Sowa, P., Lambton, D., Kühs, M., Barcena, M. L., Vakhrusheva, O., Proebsting, H., Walz, S., Schäffer, T. E., Fend, F., Novickij, V., Amend, B., & Tsauro, I.** (2026). Nanosecond pulsed electric fields induce cell-size-dependent selective permeabilization of urothelial cancer cells. *Communications Biology*, 9(1). <https://doi.org/10.1038/s42003-025-09432-7>

Žurnalo pozicija pagal kategorijas:

Agricultural and Biological Sciences: General Agricultural and Biological Sciences – Q1

Medicine: Medicine (miscellaneous) – Q1

Biochemistry, Genetics and Molecular Biology: General Biochemistry, Genetics and Molecular Biology – Q1

**Kleponė, D., Šūmakaris, P., Kovaitė, K., & Šūmakarienė, K.** (2026). Socio-economic drivers of cultural heritage digitization in the EU. *Heritage*, 9(1). <https://doi.org/10.3390/heritage9010017>

Žurnalo pozicija pagal kategorijas:

Arts and Humanities: Archeology (arts and humanities) – Q1

Arts and Humanities: Conservation – Q1

Materials Science: Materials Science (miscellaneous) – Q2

**Manikandan, S., Krishnasamy, K., Chokkalingam, C., Anusuya, K., Josephin JS, F., & Varuvel, E. G.** (2026). Assessing the feasibility of green hydrogen production through monofacial and bifacial photovoltaic technologies for India's energy goals. *International Journal of Hydrogen Energy*, 213. <https://doi.org/10.1016/j.ijhydene.2026.153779>

Žurnalo pozicija pagal kategorijas:

Physics and Astronomy: Condensed Matter Physics – Q1

Energy: Energy Engineering and Power Technology – Q1

Energy: Fuel Technology – Q1

Energy: Renewable Energy, Sustainability and the Environment – Q1

**Rimkus, A., Kozłowski, E., Matijošius, J., Zimakowska-Laskowska, M., & Cieplak, T.** (2026). Ignition-timing-dependent efficiency and emission trade-offs of HHO-assisted gasoline–bioethanol blends in a spark-ignition engine under lean operation. *International Journal of Hydrogen Energy*, 215. <https://doi.org/10.1016/j.ijhydene.2026.153853>

Žurnalo pozicija pagal kategorijas:

Physics and Astronomy: Condensed Matter Physics – Q1

Energy: Energy Engineering and Power Technology – Q1

Energy: Fuel Technology – Q1

Energy: Renewable Energy, Sustainability and the Environment – Q1

**Skardžius, J., & Gargasas, J.** (2026). Impact of process variables on part quality in progressive stamping. *Materials*, 19(2). <https://doi.org/10.3390/ma19020312>

Žurnalo pozicija pagal kategorijas:

Physics and Astronomy: Condensed Matter Physics – Q1

Materials Science: General Materials Science – Q2

## Konferencijų pranešimai

**Bazienė, K.** (2025). Circular economy enabled by innovative recycling technologies. *METAL 2025 - International Conference on Metallurgy and Materials, Conference Proceedings*, 581–587. <https://doi.org/10.37904/metal.2025.5160>

**Bazienė, K., & Rajendran, S.** (2025). Research on various ferrous metals for pyro-oil reactor as environmental decarbonization. *METAL 2025 - International Conference on Metallurgy and Materials, Conference Proceedings*, 588–593. <https://doi.org/10.37904/metal.2025.5161>

**Beinoras, P., Višniakov, N., & Kapustinskyi, O.** (2025). Investigation of the welding process and joint properties in a Cu-Nb 18% microcomposite conductor produced by the resistance welding method. *METAL*

2025 - *International Conference on Metallurgy and Materials, Conference Proceedings*, 370–375. <https://doi.org/10.37904/metal.2025.5093>

**Burinskis, A.** (2026). Dynamic relationships between productivity, growth, and ROI in Estonia's logistics sector: A panel data analysis. In *Proceedings of the International Conference on Industrial Logistics. ICIL 2025. Lecture Notes in Operations Research* (pp. 265–272). [https://doi.org/10.1007/978-3-032-14489-8\\_27](https://doi.org/10.1007/978-3-032-14489-8_27)

**Burinskienė, A.** (2026). The framework for strategic decision making for the implementation of collaborative mobile robots for warehouse automation: Methodology presentation. In *Proceedings of the International Conference on Industrial Logistics. ICIL 2025. Lecture Notes in Operations Research* (pp. 217–224). [https://doi.org/10.1007/978-3-032-14489-8\\_22](https://doi.org/10.1007/978-3-032-14489-8_22)

**Daskevicius, D., & Burinskienė, A.** (2026). Application of digital technologies in warehouse. In *Proceedings of the International Conference on Industrial Logistics. ICIL 2025. Lecture Notes in Operations Research* (pp. 161–177). [https://doi.org/10.1007/978-3-032-14489-8\\_17](https://doi.org/10.1007/978-3-032-14489-8_17)

## Knygų skyriai

**Kiran, S., Varuvel, E. G., & Jesu Martin, M. L.** (2025). Biofuel energy conversion. In I. Dincer (Ed.), *Comprehensive Energy Systems* (Vol 8, pp. 398-418). <https://doi.org/10.1016/B978-0-44-313219-3.00182-9>

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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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