

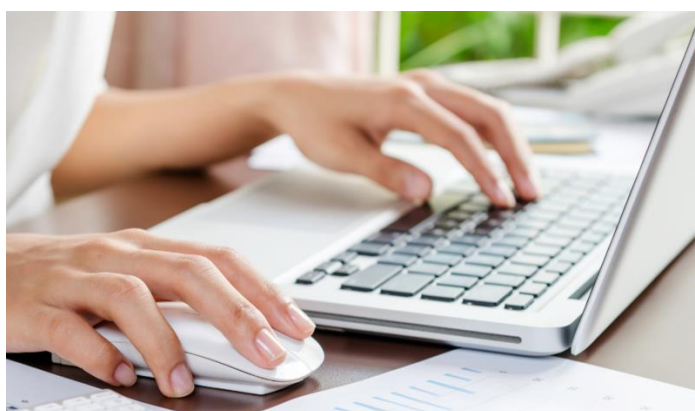
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DARBUOTOJŲ PUBLIKACIJOS ĮTRAUKTOS Į WEB OF SCIENCE DUOMENŲ BAZĘ

2025.07.28 – 2025.08.03

Moksliniai straipsniai

Burinskiene, A., Lingaitiene, O., & Bycenkaite, G. (2025). Dynamics of trade of recycled raw materials and the connection with the circular economy. *Discover Sustainability*, 6(1).
<https://doi.org/10.1007/s43621-025-01502-4>

Žurnalo pozicija pagal kategorijas: ENVIRONMENTAL STUDIES – Q2; ENVIRONMENTAL SCIENCES – Q3; GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY – Q3

Ciegis, R. (2025). Numerical algorithms to solve one inverse problem for Navier-Stokes equations. *Nonlinear Analysis-Modelling and Control*, 30(4), 771–791. <https://doi.org/10.15388/namc.2025.30.42686>

Žurnalo pozicija pagal kategorijas: MATHEMATICS, APPLIED – Q1; MATHEMATICS, INTERDISCIPLINARY APPLICATIONS – Q2; MECHANICS – Q3

Jovanovic, V., Janosevic, D., Marinkovic, D., Petrovic, N., & Nikolic, B. (2025). Energy efficiency analysis of hydraulic excavators' swing drive transmission. *Machines*, 13(7).
<https://doi.org/10.3390/machines13070596>

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

Kaklauskas, A., Teixeira, E., Xenidis, Y., Tzioutziou, A., Connolly, L., Skuodis, S., Dauksys, K., Lepkova, N., Tupenaite, L., Kaklauskienė, L., Kildienė, S., Zidonienė, J., Milevicius, V., & Naimavicius, S. (2025). Green infrastructure: Opinion mining and construction material reuse optimization portal. *Buildings*, 15(13). <https://doi.org/10.3390/buildings15132362>

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

Kannan, J., Jayakumar, V., Riaz, M., Pamucar, D., Shanmugam, N. S., & Simic, V. (2025). Exploring land subsidence factors with linear Diophantine multi-fuzzy soft information: a hybrid CRITIC-TOPSIS framework. *Natural Hazards*. <https://doi.org/10.1007/s11069-025-07502-x>

Žurnalo pozicija pagal kategorijas: GEOSCIENCES, MULTIDISCIPLINARY – Q1; METEOROLOGY & ATMOSPHERIC SCIENCES – Q2; WATER RESOURCES – Q2

Karazijienė, Z., & Cernikovaite, M. E. (2025). Promoting innovation adoption in the agricultural sector: the case of Lithuania and the Czech Republic. *Agricultural and Resource Economics-International Scientific E-Journal*, 11(2), 5–31. <https://doi.org/10.51599/are.2025.11.02.01>

Kuranovic, V., Ustinovichius, L., Nowak, M., Bazaras, D., & Sokolovskij, E. (2025). Improving the freight transportation system in the context of the country's economic development. *Sustainability*, 17(14). <https://doi.org/10.3390/su17146327>

Žurnalo pozicija pagal kategorijas: ENVIRONMENTAL SCIENCES – Q2; ENVIRONMENTAL STUDIES – Q2; GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY – Q3

Metrikaitė Gudele, G., & Suziedelyte Visockienė, J. (2025). Quantifying soil carbon sequestration potential through carbon farming practices with RothC model adapted to Lithuania. *Land*, 14(7). <https://doi.org/10.3390/land14071497>

Žurnalo pozicija pagal kategorijas: ENVIRONMENTAL STUDIES – Q2

Moumni, B., Lahyaoui, M., Dokkar, K., Achik, M., Oulmekki, A., Eliche-Quesada, D., Kizinievic, O., Touache, A., el Moudden, N., Charroud, M., Infantes-Molina, A., Gonzalez, A. G., Rivera, F. G., & Benmoussa, H. (2025). Response surface methodology application in the optimization of the effect of argan nut shell waste on lightweight brick properties. *Innovative Infrastructure Solutions*, 10(8). <https://doi.org/10.1007/s41062-025-02155-y>

Žurnalo pozicija pagal kategorijas: ENGINEERING, CIVIL – Q2

Navakauskas, D., & Dumpis, M. (2025). Wearable sensor-based human activity recognition: performance and interpretability of dynamic neural networks. *Sensors*, 25(14). <https://doi.org/10.3390/s25144420>

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Pal, D., Sharma, H. K., Prentkovskis, O., Chakraborty, F., & Maskeliunaite, L. (2025). Multi-objective windy postman problem in a fuzzy transportation network. *Promet-Traffic & Transportation*, 37(4), 853–873. <https://doi.org/10.7307/ptt.v37i4.1134>

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Prokopovic, M., Ciziuniene, K., Matijosius, J., Bogdevicius, M., & Sokolovskij, E. (2025). Human-seat-vehicle multibody nonlinear model of biomechanical response in vehicle vibration environment. *Machines*, 13(7). <https://doi.org/10.3390/machines13070547>

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Pukalskas, S., Rimkus, A., Vipartas, T., Stravinskas, S., Kriauciunas, D., & Mejeris, G., Usinskas, A. (2025). Hydrogen supplementation in SI engines: enhancing efficiency and reducing emissions with a focus on knock phenomena. *Machines*, 13(7). <https://doi.org/10.3390/machines13070571>

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

Skuodis, S., Daugevicius, M., Medzvieckas, J., Sneideris, A., Jokubaitis, A., Rastenis, J., & Valivonis, J. (2025). Tunnels in Gediminas Hill (Vilnius, Lithuania): evaluation of a new tunnel found in 2019. *Buildings*, 15(14). <https://doi.org/10.3390/buildings15142383>

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Viliuviene, R., & Vdovinskiene, S. (2025). Researching stylistic neutrality for map evaluation. *ISPRS International Journal of Geo-Information*, 14(7). <https://doi.org/10.3390/ijgi14070278>

Žurnalo pozicija pagal kategorijas: COMPUTER SCIENCE, INFORMATION SYSTEMS – Q2; GEOGRAPHY, PHYSICAL – Q2; REMOTE SENSING – Q2

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Zvirblis, T., Ciziuniene, K., & Matijosius, J. (2025). Application of machine learning for fuel consumption and emission prediction in a marine diesel engine using diesel and waste cooking oil. *Journal of Marine Science and Engineering*, 13(7). <https://doi.org/10.3390/jmse13071328>

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Radvilaite, U., Skuodis, S., Tamosiunas, T., & Kacianauskas, R. (2025). Investigation of shape for the Baltic Sea coastal area sand particles using spherical harmonics. In B. Chareyre, C. Dano, & G. Viggiani (Eds.), *TC 105 International Symposium* (Vol. 1480). <https://doi.org/10.1088/1755-1315/1480/1/012104>

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Al-Refaie, A., & Lepkova, N. (2025). Adoption of lean, agile, resilient, and cleaner production strategies to enhance the effectiveness and sustainability of products and production processes. *Processes*, 13(7). <https://doi.org/10.3390/pr13072152>

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Social Sciences: Social Sciences (miscellaneous) – Q2

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Giedra, H., Sledevič, T., & Matuzevičius, D. (2025). Deploying optimized deep vision models for eyeglasses detection on low-power platforms. *Electronics (Switzerland)*, 14(14). <https://doi.org/10.3390/electronics14142796>

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Engineering: Electrical and Electronic Engineering – Q1

Computer Science: Signal Processing – Q1

Engineering: Control and Systems Engineering – Q1

Computer Science: Computer Networks and Communications – Q2

Computer Science: Hardware and Architecture – Q2

Girskas, G., & Kligys, M. (2025). Reuse of laminated acoustic glass in fine-grained concrete. *Ceramics - Silikaty*, 69(4), 498–506. <https://doi.org/10.13168/cs.2025.0032>

Jovanović, V., Janošević, D., Marinković, D., Petrović, N., & Nikolić, B. (2025). Energy efficiency analysis of hydraulic excavators' swing drive transmission. *Machines*, 13(7). <https://doi.org/10.3390/machines13070596>

Žurnalo pozicija pagal kategorijas:

Mathematics: Control and Optimization – Q1

Engineering: Mechanical Engineering – Q2

Engineering: Industrial and Manufacturing Engineering – Q2

Engineering: Electrical and Electronic Engineering – Q2

Engineering: Control and Systems Engineering – Q2

Computer Science: Computer Science (miscellaneous) – Q2

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Health Professions: Physical Therapy, Sports Therapy and Rehabilitation – Q1

Social Sciences: Education – Q1

Social Sciences: Public Administration – Q1

Psychology: Developmental and Educational Psychology – Q1

Computer Science: Computer Science (miscellaneous) – Q2

Computer Science: Computer Science Applications – Q2

Kannan, J., Jayakumar, V., Riaz, M., Pamucar, D., Shanmugam, N. S., & Simic, V. (2025). Exploring land subsidence factors with linear Diophantine multi-fuzzy soft information: a hybrid CRITIC-TOPSIS framework. *Natural Hazards*. <https://doi.org/10.1007/s11069-025-07502-x>

Žurnalo pozicija pagal kategorijas:

Earth and Planetary Sciences: Earth and Planetary Sciences (miscellaneous) – Q1

Environmental Science: Water Science and Technology – Q1

Earth and Planetary Sciences: Atmospheric Science – Q1

Kazlauskienė, E., & Černiavskaja, D. (2025). Changes in the consumption of credit institutions' services by individuals and households and their role in the economy: a case of Estonia, Latvia and Lithuania. *Intellectual Economics*, 19(1), 135–158. <https://doi.org/10.13165/IE-25-19-1-06>

Žurnalo pozicija pagal kategorijas:

Arts and Humanities: Philosophy – Q1

Social Sciences: Sociology and Political Science – Q2

Economics, Econometrics and Finance: General Economics, Econometrics and Finance – Q2

Business, Management and Accounting: Management of Technology and Innovation – Q3

Business, Management and Accounting: Organizational Behavior and Human Resource Management – Q3

Kuranovič, V., Ustinovichius, L., Nowak, M., Bazaras, D., & Sokolovskij, E. (2025). Improving the freight transportation system in the context of the country's economic development. *Sustainability (Switzerland)*, 17(14). <https://doi.org/10.3390/su17146327>

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 – Q2

Computer Science: Computer Networks and Communications – Q2

Computer Science: Hardware and Architecture – Q2

Energy: Energy Engineering and Power Technology – Q2

Energy: Renewable Energy, Sustainability and the Environment – Q2

Losinska-Sičiūnienė, R., Strazdaitė-Žielenė, Ž., Pranckevičiūtė, S., & Servienė, E. (2025). Light and temperature effects on the accumulation of carotenoids in *Rhodotorula* spp. yeasts. *Fermentation*, 11(7). <https://doi.org/10.3390/fermentation11070412>

Žurnalo pozicija pagal kategorijas:

Agricultural and Biological Sciences: Plant Science – Q1

Biochemistry, Genetics and Molecular Biology: Biochemistry, Genetics and Molecular Biology (miscellaneous) – Q1

Agricultural and Biological Sciences: Food Science – Q2

Malaiškienė, J., Kudžma, A., & Bekerė, K. (2025). Investigation of fine-grained concrete incorporating dispersed glass waste from solar panels and washing machines. *Ceramics - Silikaty*, 69(4), 487–497. <https://doi.org/10.13168/cs.2025.0031>

Metrikaitytė Gudelė, G., & Sužiedelytė Visockienė, J. (2025). Quantifying soil carbon sequestration potential through carbon farming practices with RothC model adapted to Lithuania. *Land*, 14(7). <https://doi.org/10.3390/land14071497>

Žurnalo pozicija pagal kategorijas:

Environmental Science: Nature and Landscape Conservation – Q1

Environmental Science: Ecology – Q1

Environmental Science: Global and Planetary Change – Q2

Moumni, B., Lahyaoui, M., Dokkar, K., Achik, M., Oulmekki, A., Eliche-Quesada, D., Kizinievic, O., Touache, A., el Moudden, N., Charroud, M., Infantes-Molina, A., Gonzalez, Á. G., Guitián Rivera, F., & Benmoussa, H. (2025). Response surface methodology application in the optimization of the effect of argan nut shell waste on lightweight brick properties. *Innovative Infrastructure Solutions*, 10(8). <https://doi.org/10.1007/s41062-025-02155-y>

Žurnalo pozicija pagal kategorijas:

Engineering: Engineering (miscellaneous) – Q2

Engineering: Building and Construction – Q2

Engineering: Civil and Structural Engineering – Q2

Earth and Planetary Sciences: Geotechnical Engineering and Engineering Geology – Q2

Environmental Science: Environmental Engineering – Q2

Naujokienė, L., Peleckienė, V., Vaičiūtė, K., & Pocevičienė, R. (2025). Conditions for increasing the level of automation of logistics processes on the example of Lithuanian companies. *Systems*, 13(7). <https://doi.org/10.3390/systems13070608>

Žurnalo pozicija pagal kategorijas:

Mathematics: Modeling and Simulation – Q2

Decision Sciences: Information Systems and Management – Q2

Engineering: Control and Systems Engineering – Q2

Computer Science: Computer Networks and Communications – Q2

Computer Science: Software – Q2

Navakauskas, D., & Dumpis, M. (2025). Wearable sensor-based human activity recognition: performance and interpretability of dynamic neural networks. *Sensors*, 25(14). <https://doi.org/10.3390/s25144420>

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

Ovtšarenko, O. (2025). Innovative techniques for e-learning log data processing: Trends and methods. *Journal of Innovation and Knowledge*, 10(5). <https://doi.org/10.1016/j.jik.2025.100765>

Žurnalo pozicija pagal kategorijas:

Economics, Econometrics and Finance: Economics and Econometrics – Q1

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

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

Business, Management and Accounting: Marketing – Q1

Pakrijauskas, K., & Mažeika, D. (2025). A rule-based method for enhancing burst tolerance in stateful microservices. *Electronics (Switzerland)*, 14(14). <https://doi.org/10.3390/electronics14142752>

Žurnalo pozicija pagal kategorijas:

Engineering: Electrical and Electronic Engineering – Q1

Computer Science: Signal Processing – Q1

Engineering: Control and Systems Engineering – Q1

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Computer Science: Hardware and Architecture – Q2

Pal, D., Sharma, H. K., Prentkovskis, O., Chakraborty, F., & Maskeliūnaitė, L. (2025). Multi-objective windy postman problem in a fuzzy transportation network. *Promet - Traffic and Transportation*, 37(4), 853–873. <https://doi.org/10.7307/ptt.v37i4.1134>

Žurnalo pozicija pagal kategorijas:

Social Sciences: Urban Studies – Q2

Engineering: Safety, Risk, Reliability and Quality – Q3

Engineering: Automotive Engineering – Q3

Engineering: Engineering (miscellaneous) – Q3

Engineering: Aerospace Engineering – Q3

Engineering: Civil and Structural Engineering – Q3

Social Sciences: Transportation – Q3

Pavlović, J., Jovanović, V., Marinković, D., Janošević, D., & Čojbašić, Ž. (2025). Minimization of power loss as a design criterion for the optimal synthesis of loader drive mechanisms. *Applied Sciences (Switzerland)*, 15(14). <https://doi.org/10.3390/app15147985>

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

Prokopovič, M., Čižiūnienė, K., Matijošius, J., Bogdevičius, M., & Sokolovskij, E. (2025). Human–seat–vehicle multibody nonlinear model of biomechanical response in vehicle vibration environment. *Machines*, 13(7). <https://doi.org/10.3390/machines13070547>

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Engineering: Electrical and Electronic Engineering – Q2
Engineering: Control and Systems Engineering – Q2
Computer Science: Computer Science (miscellaneous) – Q2

Pukalskas, S., Rimkus, A., Vipartas, T., Stravinskas, S., Kriaučiūnas, D., Mejeras, G., & Ušinskas, A. (2025). Hydrogen supplementation in SI engines: enhancing efficiency and reducing emissions with a focus on knock phenomena. *Machines*, 13(7). <https://doi.org/10.3390/machines13070571>

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Engineering: Industrial and Manufacturing Engineering – Q2
Engineering: Electrical and Electronic Engineering – Q2
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Computer Science: Computer Science (miscellaneous) – Q2

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Social Sciences: Law – Q1
Engineering: Safety, Risk, Reliability and Quality – Q2
Engineering: Engineering (miscellaneous) – Q2
Engineering: Civil and Structural Engineering – Q2

Radzevičiūtė-Valčiukė, E., Balevičiūtė, A., Želvys, A., Suveizdė, K., Zinkevičienė, A., Kašėta, V., Malyško-Ptašinskė, V., Dobrovolskienė, N., Pašukonienė, V., Novickij, J., Girkontaitė, I., & Novickij, V. (2025). Calcium electrochemotherapy and challenges in combined treatment with dendritic cell vaccination. *Pharmaceutics*, 17(7). <https://doi.org/10.3390/pharmaceutics17070804>

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Skuodis, Š., Daugevičius, M., Medzvieckas, J., Šneideris, A., Jokūbaitis, A., Rastenis, J., & Valivonis, J. (2025). Tunnels in Gediminas Hill (Vilnius, Lithuania): evaluation of a new tunnel found in 2019. *Buildings*, 15(14). <https://doi.org/10.3390/buildings15142383>

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Engineering: Architecture – Q1
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Žurnalo pozicija pagal kategorijas:

Medicine: Microbiology (medical) – Q1
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Immunology and Microbiology: Microbiology – Q1

Valantinaitė, I., Sederevičiūtė-Pačiauskienė, Ž., & Asakavičiūtė, V. (2025). Debutant teachers' perceptions of the benefits of the discussion method in university studies. *Journal of Education Culture and Society*, 16(1), 615–633. <https://doi.org/10.15503/jecs2025.2.615.633>

Žurnalo pozicija pagal kategorijas:

Arts and Humanities: History – Q1

Arts and Humanities: History and Philosophy of Science – Q1

Social Sciences: Sociology and Political Science – Q2

Social Sciences: Education – Q2

Psychology: General Psychology – Q3

Viliuviene, R., & Vdovinskiene, S. (2025). Researching stylistic neutrality for map evaluation. *ISPRS International Journal of Geo-Information*, 14(7). <https://doi.org/10.3390/ijgi14070278>

Žurnalo pozicija pagal kategorijas:

Earth and Planetary Sciences: Earth and Planetary Sciences (miscellaneous) – Q1

Social Sciences: Geography, Planning and Development – Q1

Earth and Planetary Sciences: Computers in Earth Sciences – Q1

Zhang, Y., Kong, M., Wang, W. Z., Deveci, M., Bilican, M. S., & Delen, D. (2026). A multi-criteria decision-making framework for metaverse adoption: evidence from higher education systems. *Expert Systems with Applications*, 296. <https://doi.org/10.1016/j.eswa.2025.129132>

Žurnalo pozicija pagal kategorijas:

Engineering: General Engineering – Q1

Computer Science: Computer Science Applications – Q1

Computer Science: Artificial Intelligence – Q1

Žvirblis, T., Čižiūnienė, K., & Matijošius, J. (2025). Application of machine learning for fuel consumption and emission prediction in a marine diesel engine using diesel and waste cooking oil. *Journal of Marine Science and Engineering*, 13(7). <https://doi.org/10.3390/jmse13071328>

Žurnalo pozicija pagal kategorijas:

Engineering: Ocean Engineering – Q2

Engineering: Civil and Structural Engineering – Q2

Environmental Science: Water Science and Technology – Q2

Konferencijų pranešimai

Ivanova, T., Tretjakova, R., Nikolajeva, M. K., & Ivanovs, P. (2025). The impact of nature tourism on the environment: Challenges and solutions. *Environment Technology Resources - Proceedings of the 16th International Scientific and Practical Conference*, 1, 235–240. <https://doi.org/10.17770/etr2025vol1.8666>

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