

BIBLIOTEKA INFORMUOJA

2025 m. birželio 9 d. Nr. 23 (720)

NAUJIENOS



VILNIUS TECH Biblioteka kviečia sekti skelbiamas naujas apgintas disertacijas, kurias parengė:
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Jurga Subačiūtė-Zemaitienė, Robert Ružickij,
Povilas Dabrila, Mantas Stulpinas



VILNIUS TECH SKAITO mokslas:
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Moksliniai straipsniai

Petroniene, J. J., Vaiciunas, G., Garbincius, G., Dzedzickis, A., & Bucinskas, V. (2025). Sensor for cardiovascular health status monitoring: A review. *Sensors and Actuators A: Physical*, 392. <https://doi.org/10.1016/j.sna.2025.116720>

Žurnalo pozicija pagal kategorijas: INSTRUMENTS & INSTRUMENTATION – Q1; ENGINEERING, ELECTRICAL & ELECTRONIC – Q2

Pocius, E., Nagrockiene, D., & Pundiene, I. (2025). Influence of glass processing waste quantities on the freeze-thaw resistance of sustainable concrete. *Ceramics-Silikaty*, 69(2), 308–320. <https://doi.org/10.13168/cs.2025.0015>

Vaicekauskienė, V., & Nagrockiene, D. (2025). Influence of pozzolanic waste on the properties and structure of cellulose fibre-modified hardened cement paste. *Ceramics-Silikaty*, 69(3), 457–468. <https://doi.org/10.13168/cs.2025.0028>

Redakciniai straipsniai

Wang, Y., Wang, X., Balezentis, T., Chi, Y., & Streimikiene, D. (2025). Corrigendum to „Disentangling the effects of green finance in reducing CO₂ emission from energy systems: Evidence from a novel factor decomposition mechanism (vol 85, pg 1721, 2025)“. *Economic Analysis and Policy*, 86, 1966. <https://doi.org/10.1016/j.eap.2025.05.026>

Žurnalo pozicija pagal kategorijas: ECONOMICS – Q1

Žurnalų pozicijos pagal kategorijas nurodytos, jei bent vienoje kategorijoje žurnalas patenka į 1 arba 2 kvartilę (Q) pagal JIF rodiklio reikšmes.

Moksliniai straipsniai

Balčiūnas, G., Vėjelis, S., Vaitkus, S., Šeputytė-Jucikė, J., Kremensas, A., & Kairytė, A. (2025). Research on the Sustainable Reuse of Tire Textile Waste for the Production of Thermal Insulating Mats. *Sustainability (Switzerland)*, 17(10). <https://doi.org/10.3390/su17104288>

Žurnalo pozicija pagal kategorijas:

Social Sciences: Geography, Planning and Development – Q1

Computer Science: Computer Science (miscellaneous) – Q1

Environmental Science: Environmental Science (miscellaneous) – Q1

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

Computer Science: Computer Networks and Communications – Q1

Energy: Energy Engineering and Power Technology – Q2

Computer Science: Hardware and Architecture – Q2

Energy: Renewable Energy, Sustainability and the Environment – Q2

Banelienė, R., Strazdas, R., & Černevičiūtė, J. (2025). Sustainability index development for industrial fashion SMEs; [Jātkusuutlikkuse indeksi arendamine tööstusmoe VKEdele]. *Proceedings of the Estonian Academy of Sciences*, 74(2), 205 – 211. <https://doi.org/10.3176/proc.2025.2.22>

Bekerė, K., & Malaiškienė, J. (2025). Utilisation of Different Types of Glass Waste as Pozzolan Additive or Aggregate in Construction Materials. *Processes*, 13(5). <https://doi.org/10.3390/pr13051613>

Žurnalo pozicija pagal kategorijas:

Chemical Engineering: Chemical Engineering (miscellaneous) – Q2

Chemical Engineering: Bioengineering – Q3

Chemical Engineering: Process Chemistry and Technology – Q3

Bodnar, B., Ochkasov, O., Hryshechkina, T., & Petrenko, V. (2025). A case study of the use of statistical processing of the armature rotation irregularities for the diagnostics of locomotive traction electric motors. *Transport*, 40(1), 24 – 34. <https://doi.org/10.3846/transport.2025.23229>

Žurnalo pozicija pagal kategorijas:

Engineering: Automotive Engineering – Q2

Engineering: Mechanical Engineering – Q2

Girskas, G., Kriptavicius, D., Kizinievic, O., & Malaikiene, J. (2025). Effect of Pozzolanitic Additive on Properties and Surface Finish Assessment of Concrete. *Buildings*, 15(10). <https://doi.org/10.3390/buildings15101617>

Žurnalo pozicija pagal kategorijas:

Engineering: Architecture – Q1

Engineering: Building and Construction – Q2

Engineering: Civil and Structural Engineering – Q2

Havierniková, K., Hunková, L., Skačkauskienė, I., & Navickas, V. (2025). Key HRDM factors enhancing SMEs' performance. *Journal of Business Economics and Management*, 26(2), 359 – 377. <https://doi.org/10.3846/jbem.2025.23634>

Žurnalo pozicija pagal kategorijas:

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

Economics, Econometrics and Finance: Economics and Econometrics – Q1

Holoborodko, P., Bazaras, D., & Batarliene, N. (2025). Future Rail Signaling: Cyber and Energy Resilience Through AI Interoperability. *Sustainability*, 17(10). <https://doi.org/10.3390/su17104643>

Žurnalo pozicija pagal kategorijas:

Social Sciences: Geography, Planning and Development – Q1

Computer Science: Computer Science (miscellaneous) – Q1

Environmental Science: Environmental Science (miscellaneous) – Q1

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

Computer Science: Computer Networks and Communications – Q1

Energy: Energy Engineering and Power Technology – Q2

Computer Science: Hardware and Architecture – Q2

Energy: Renewable Energy, Sustainability and the Environment – Q2

Janutėnas, L., & Šešok, D. (2025). Perspective Transformation and Viewpoint Attention Enhancement for Generative Adversarial Networks in Endoscopic Image Augmentation. *Applied Sciences (Switzerland)*, 15(10). <https://doi.org/10.3390/app15105655>

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

Jaskowski, P., Kozłowski, E., Tomczuk, P., Chrzanowicz, M., Matijošius, J., Cholewa-Wiktor, M., & Kilikevičius, A. (2025). Application of machine learning models for evaluating the impact of roadside advertising on driver discomfort. *Measurement: Journal of the International Measurement Confederation*, 255. <https://doi.org/10.1016/j.measurement.2025.117915>

Žurnalo pozicija pagal kategorijas:

Physics and Astronomy: Instrumentation – Q1

Engineering: Electrical and Electronic Engineering – Q1

Kačeniauskas, A., Pacevič, R., Stupak, E., Rojek, J., Chmielewski, M., Grabias, A., & Nosewicz, S. (2025). Discrete Element Simulations of Damage Evolution of NiAl-Based Material Reconstructed by Micro-CT Imaging. *Applied Sciences (Switzerland)*, 15(10). <https://doi.org/10.3390/app15105260>

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

Kalibatiėnė, D., Stankevičienė, R., & Survilė, O. (2025). A Systematic Review on the Influence of Drainage Systems on the Environment. *Water (Switzerland)*, 17(10). <https://doi.org/10.3390/w17101408>

Žurnalo pozicija pagal kategorijas:

Agricultural and Biological Sciences: Aquatic Science – Q1
Social Sciences: Geography, Planning and Development – Q1
Environmental Science: Water Science and Technology – Q1
Biochemistry, Genetics and Molecular Biology: Biochemistry – Q2

Kleponė, D., & Okunevičiūtė Neverauskienė, L. (2025). Financial performance and capital structure dynamics of the high-tech startups in the Baltic region. *Business: Theory and Practice*, 26(1), 153 – 161. <https://doi.org/10.3846/btp.2025.22184>

Žurnalo pozicija pagal kategorijas:

Business, Management and Accounting: Strategy and Management – Q2

Konieczny, L., Fabis, P., Matijosius, J., Duda, K., Deuszkiewicz, P., & Kilikevicius, A. (2025). Analysis of the Impact of Vibrations on the Driver of a Motor Vehicle. *Applied Sciences-Basel*, 15(10). <https://doi.org/10.3390/app15105510>

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

Masalskyi, V., Dziedzickis, A., Korobiichuk, I., & Bucinskas, V. (2025). Hybrid Mode Sensor Fusion for Accurate Robot Positioning. *Sensors*, 25(10). <https://doi.org/10.3390/s25103008>

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

Petroniene, J. J., Vaiciunas, G., Garbincius, G., Dziedzickis, A., & Bucinskas, V. (2025). Sensor for cardiovascular health status monitoring: A review. *Sensors and Actuators A: Physical*, 392. <https://doi.org/10.1016/j.sna.2025.116720>

Žurnalo pozicija pagal kategorijas:

Physics and Astronomy: Instrumentation – Q1
Physics and Astronomy: Condensed Matter Physics – Q1
Engineering: Electrical and Electronic Engineering – Q1
Materials Science: Metals and Alloys – Q1
Materials Science: Electronic, Optical and Magnetic Materials – Q1
Materials Science: Surfaces, Coatings and Films – Q1

Poppi, F. I. M. (2025). De Vindicta et Resistentia: The failure of migrants' narrative resistance and the emergence of revenge narratives. *International Journal of Intercultural Relations*, 108. <https://doi.org/10.1016/j.ijintrel.2025.102224>

Žurnalo pozicija pagal kategorijas:

Social Sciences: Sociology and Political Science – Q1

Psychology: Social Psychology – Q2

Business, Management and Accounting: Business and International Management – Q2

Sau, A., Kamila, B., Baltrenaite-Gedienė, E., Dutta, S., & Ghanta, K. C. (2025). Treatment of slaughterhouse wastewater using waste derived biochar: experiment and modelling. *International Journal of Chemical Reactor Engineering*. <https://doi.org/10.1515/ijcre-2024-0163>

Shaayesteh, M. T., Yazdani, M., Ariza-Montes, A., Aman-Ullah, A., & Kim, W. (2025). Impact of sustainable tourists' behavior on the sustainability status of coastal tourism: the role of artificial intelligence. *Journal of Travel & Tourism Marketing*, 42(4, SI), 510–533. <https://doi.org/10.1080/10548408.2025.2480377>

Žurnalo pozicija pagal kategorijas:

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

Business, Management and Accounting: Marketing – Q1

Shevtsova, M., Malaiskiene, J., Skamat, J., & Antonovic, V. (2025). Influence of Different Binders on the Municipal Solid Waste Incineration Fly Ash Granulation-Based Stabilization Process. *Sustainability*, 17(10). <https://doi.org/10.3390/su17104573>

Žurnalo pozicija pagal kategorijas:

Social Sciences: Geography, Planning and Development – Q1

Computer Science: Computer Science (miscellaneous) – Q1

Environmental Science: Environmental Science (miscellaneous) – Q1

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

Computer Science: Computer Networks and Communications – Q1

Energy: Energy Engineering and Power Technology – Q2

Computer Science: Hardware and Architecture – Q2

Energy: Renewable Energy, Sustainability and the Environment – Q2

Streimikiene, D. (2025). Assessment and management of climate change mitigation policies in various sectors of EU countries. *Administratie Si Management Public*, 2025(44), 23 – 40. <https://doi.org/10.24818/amp/2025.44-02>

Žurnalo pozicija pagal kategorijas:

Social Sciences: Sociology and Political Science – Q1

Social Sciences: Public Administration – Q1

Šeputytė-Jucikė, J., Vėjelis, S., Vaitkus, S., Kairytė, A., Kremensas, A., & Balčiūnas, G. (2025). The Effect of Gypsum on the Self-Hardening of Sapropel in Thermal Insulating Wood Chips Composite. *Materials*, 18(10). <https://doi.org/10.3390/ma18102217>

Žurnalo pozicija pagal kategorijas:

Physics and Astronomy: Condensed Matter Physics – Q2

Materials Science: General Materials Science – Q2

Šitkauskaitė, A., & Leonavičiūtė, V. (2025). Data-based flight optimization model for scheduling: noise management approach. *Aviation*, 29(2), 61 – 70. <https://doi.org/10.3846/aviation.2025.23577>

Ušinskis, V., Dzedzickis, A., Nekrašas, J., & Bučinskas, V. (2025). Autonomous Sewer Robot: A Laser Marker-Based Detection System. *Machines*, 13(5). <https://doi.org/10.3390/machines13050438>

Žurnalo pozicija pagal kategorijas:

Mathematics: Control and Optimization – Q1

Engineering: Mechanical Engineering – Q1

Engineering: Industrial and Manufacturing Engineering – Q2

Engineering: Electrical and Electronic Engineering – Q2

Engineering: Control and Systems Engineering – Q2

Computer Science: Computer Science (miscellaneous) – Q2

Vaičekauskienė, V., & Nagrockienė, D. (2025). Influence of pozzolanic waste on the properties and structure of cellulose fibre-modified hardened cement paste. *Ceramics – Silikaty*, 69(3), 457 – 468. <https://doi.org/10.13168/cs.2025.0028>

Vdoviak, G., Sledevic, T., Serackis, A., Plonis, D., Matuzevicius, D., & Abromavicius, V. (2025). Evaluation of Deep Learning Models for Insects Detection at the Hive Entrance for a Bee Behavior Recognition System. *Agriculture-Basel*, 15(10). <https://doi.org/10.3390/agriculture15101019>

Žurnalo pozicija pagal kategorijas:

Agricultural and Biological Sciences: Plant Science – Q1

Agricultural and Biological Sciences: Agronomy and Crop Science – Q1

Agricultural and Biological Sciences: Food Science – Q1

Wang, Y., Wang, X., Li, N., Baležentis, T., & Streimikiene, D. (2025). How does the digital economy drive CO₂ reduction in China? Evidence from a novel decomposition model and scenario analysis. *Oeconomia Copernicana*, 16(1), 247 – 281. <https://doi.org/10.24136/oc.3168>

Žurnalo pozicija pagal kategorijas:

Arts and Humanities: History – Q1

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

Social Sciences: Development – Q1

Economics, Econometrics and Finance: Economics, Econometrics and Finance (miscellaneous) – Q1

Business, Management and Accounting: Business and International Management – 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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- [Web of Science \(Clarivate Analytics\)](#) duomenų bazę: jos turinį, naudojimą ir papildomus VILNIUS TECH bendruomenei prieinamus [analizės įrankius](#)
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- [Publikacijų registravimą ir ataskaitų generavimą eLABa PDB sistemoje](#)

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