

BIBLIOTEKA INFORMUOJA

2025 m. gegužės 19 d. Nr. 20 (717)

NAUJIENOS



Gegužės 20 d. seminaras „JoVE in Science Education: Visual Learning That Makes a Difference“



VILNIUS TECH Biblioteka kviečia sekti skelbiamas naujas apgintas disertacijas, kurias parengė:
Rafal Mickevič, Laura Gavėnienė,
Tadas Radavičius, Domas Valiukas



Publikacijų sąrašų (ataskaitų) formavimas eLABa sistemoje



Nauja VILNIUS TECH elektroninė knyga

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



Moksliniai straipsniai

Aydin, M. M., Sokolovskij, E., Jaskowski, P., & Matijosius, J. (2025). Service management of employee shuttle service under inhomogeneous fleet constraints using dynamic linear programming: A case study. *Applied Sciences-Basel*, 15(9). <https://doi.org/10.3390/app15094604>

Žurnalo pozicija pagal kategorijas: ENGINEERING, MULTIDISCIPLINARY – Q1; CHEMISTRY, MULTIDISCIPLINARY – Q2; PHYSICS, APPLIED – Q2; MATERIALS SCIENCE, MULTIDISCIPLINARY – Q3

Ivzhenko, V., Latosinska, J. N., Hevorkian, E., Rucki, M., Kosenchuk, T., Shamsutdinova, N., Szumiata, T., Chishkala, V., & Kilikevicius, A. (2025). Optimization of SiC-TiC composite manufacturing by electroconsolidation method. *Materials*, 18(9). <https://doi.org/10.3390/ma18092062>

Žurnalo pozicija pagal kategorijas: METALLURGY & METALLURGICAL ENGINEERING – Q1; MATERIALS SCIENCE, MULTIDISCIPLINARY – Q2; PHYSICS, APPLIED – Q2; PHYSICS, CONDENSED MATTER – Q2; CHEMISTRY, PHYSICAL – Q3

Jancevicius, J., & Kalibatiene, D. (2025). Application of image recognition methods to determine land use classes. *Applied Sciences-Basel*, 15(9). <https://doi.org/10.3390/app15094765>

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Kaplinski, O., & Vilutiene, T. (2025). Journal of Civil Engineering and Management: contribution to development and application of MCDM methods in construction management. *Journal of Civil Engineering and Management*, 31(3), 281–298. <https://doi.org/10.3846/jcem.2025.23534>

Žurnalo pozicija pagal kategorijas: ENGINEERING, CIVIL – Q1

Keshavarz-Ghorabae, M., Amiri, M., Zavadskas, E. K., & Antucheviciene, J. (2025). Simulation-aided analysis of a Deviation-Based Pairwise Assessment Ratio Technique (DEPART) for MCDM. *International Journal of Computers Communications & Control*, 20(3). <https://doi.org/10.15837/ijccc.2025.3.7038>

Khomiak, E., Trishch, R., Nazarko, J., Novotny, M., & Petraskevicius, V. (2025). Method of quality control of nuclear reactor element tightness to improve environmental safety. *Energies*, 18(9). <https://doi.org/10.3390/en18092172>

Klydziute, G., Gliadyte, L., Sokol, D., Vasiliauskiene, D., Yang, T. C.-K., & Kareiva, A. (2025). Sol-gel synthesis, characterization and application of metal-substituted $Mg_{2-x}Zn_xAl_1$ and $Mg_2Al_{1-x}La_x$ layered double hydroxides. *Journal of Sol-Gel Science and Technology*. <https://doi.org/10.1007/s10971-025-06778-6>

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Laukaitis, A., Sareiko, A., & Mazeika, D. (2025). Facilitating robot learning in virtual environments: A deep reinforcement learning framework. *Applied Sciences-Basel*, 15(9). <https://doi.org/10.3390/app15095016>

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waste as a biofilter. *World Journal of Microbiology & Biotechnology*, 41(5). <https://doi.org/10.1007/s11274-025-04392-w>

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Mohanty, M. K., Kar, S., & Thakurta, P. K. G. (2025). Q-ACRY: Efficient Q-learning based adaptive crop rotation technique for maximizing yield. *Expert Systems with Applications*, 283. <https://doi.org/10.1016/j.eswa.2025.127794>

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Motuziene, V., Bielskus, J., Dziugaite-Tumeniene, R., & Raudonis, V. (2025). Occupancy-based predictive AI-driven ventilation control for energy savings in office buildings. *Sustainability*, 17(9). <https://doi.org/10.3390/su17094140>

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Ratov, B., Mechnik, V., Hevorkian, E., Rucki, M., Pieniak, D., Bondarenko, N., Kolodnitskyi, V., Starik, S., Bilorusets, V., Chishkala, V., Sundetova, P., Bektilevov, A., Shukmanova, A., & Seidaliyev, A. (2025). Wear resistance of the refractory WC-Co diamond-reinforced composite with zirconia additive. *Materials*, 18(9). <https://doi.org/10.3390/ma18091965>

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Salavejus, L., Barzdenas, V., Vasjanov, A., & Lee, T.-J. (2025). An experimental review of step-down converter topologies with wide input voltage range for modern vehicle low-power systems. *Electronics*, 14(9). <https://doi.org/10.3390/electronics14091712>

Žurnalo pozicija pagal kategorijas: COMPUTER SCIENCE, INFORMATION SYSTEMS – Q2; ENGINEERING, ELECTRICAL & ELECTRONIC – Q2; PHYSICS, APPLIED – Q2

Shahab, S., Alazman, I., Dutta, A. K., Anjum, M., Simic, V., Stevic, Z., & Alqahtani, N. A. (2025). Promoting tailored hotel recommendations based on traveller preferences: A circular intuitionistic fuzzy decision support model. *CMES-Computer Modeling in Engineering & Sciences*. <https://doi.org/10.32604/cmcs.2025.064553>

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Wang, Y., Wang, X., Li, N., Balezentis, 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: ECONOMICS – Q1

Redakciniai straipsniai

Zurlini, G., An, Y. J., Franklin, E., Hamalainen, H., Kaklauskas, A., Pert, P., Petrosillo, I., Sanchez-Pinillos M., Selvan, T., Valente, D., Xu, F. L., & Zuo, J. (2025). Editorial: The crucial issue of spatial and temporal scale in ecological indication. *Ecological Indicators*, 174. <https://doi.org/10.1016/j.ecolind.2025.113466>

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Į SCOPUS DUOMENŲ BAZĘ**
2025.05.12 – 2025.05.18

Moksliniai straipsniai

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

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

Dabrowski, P. S., Zienkiewicz, M. H., Tysiąc, P., Burdziakowski, P., Szulwic, J., Sužiedelytė-Visockienė, J., Paršeliūnas, E., Obuchovski, R., Bražiūnas, R., & Ossowski, R. (2025). HBIM symmetry parametrization using TLS and UAV LiDAR measurements. *Measurement: Journal of the International Measurement Confederation*, 253. <https://doi.org/10.1016/j.measurement.2025.117750>

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Physics and Astronomy: Instrumentation – Q1

Engineering: Electrical and Electronic Engineering – 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:

Decision Sciences: Information Systems and Management – Q1

Engineering: Industrial and Manufacturing Engineering – Q1

Klydziute, G., Gliaudyte, L., Sokol, D., Vasiliauskiene, D., Yang, T. C.-K., & Kareiva, A. (2025). Sol-gel synthesis, characterization and application of metal-substituted $Mg_{2-x}Zn_xAl_1$ and $Mg_2Al_{1-x}La_x$ layered double hydroxides. *Journal of Sol-Gel Science and Technology*. <https://doi.org/10.1007/s10971-025-06778-6>

Žurnalo pozicija pagal kategorijas:

Physics and Astronomy: Condensed Matter Physics – Q2

Materials Science: Electronic, Optical and Magnetic Materials – Q2

Chemistry: General Chemistry – Q2

Materials Science: Ceramics and Composites – Q2

Materials Science: Materials Chemistry – Q2

Materials Science: Biomaterials – Q3

Kravec, K., & Jurevičienė, D. (2025). The impact of financial systems on economic growth under conditions of globalisation. *International Journal of Economics and Business Research*, 29(3–5), 396–414. <https://doi.org/10.1504/IJEBR.2025.145893>

Marčiulaitienė, E., Malaiškienė, J., Boris, R., Urbonavičius, J., Tauraitė, D., & Biyada, S. (2025). Role of ammonia-oxidising bacteria in the removal of odorous gases by the use of plastic recycling waste as a biofilter. *World Journal of Microbiology and Biotechnology*, 41(5). <https://doi.org/10.1007/s11274-025-04392-w>

Žurnalo pozicija pagal kategorijas:

Biochemistry, Genetics and Molecular Biology: Physiology – Q2

Naimušin, A., Kizinievič, O., Astrauskas, T., & Januševičius, T. (2025). Layered acoustic structures made of plastic microfibre pulp waste with metamaterial for low- and middle-frequency sound absorption applications. *Journal of Low Frequency Noise Vibration and Active Control*. <https://doi.org/10.1177/14613484251328177>

Žurnalo pozicija pagal kategorijas:

Physics and Astronomy: Acoustics and Ultrasonics – Q1
Earth and Planetary Sciences: Geophysics – Q2
Engineering: Building and Construction – Q2
Engineering: Mechanical Engineering – Q2
Engineering: Civil and Structural Engineering – Q2
Engineering: Mechanics of Materials – Q2

Pal, U. K., Zhang, C., Timalšina, 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:

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

Radzevičiūtė-Valčiukė, E., Mickevičiūtė, E., Želvys, A., Lekešytė, B., Malakauskaitė, P., Gečaitė, J., Malyško-Ptašinskė, V., German, N., Žalnėravičius, R., Kašėta, 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, Genetics and Molecular Biology: Biophysics – Q1
Chemistry: Physical and Theoretical Chemistry – Q1
Chemistry: Electrochemistry – Q1

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- [Publikacijų registravimą ir ataskaitų generavimą eLABa PDB sistemoje](#)

Informaciją parengė:

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