



VILNIUS  
TECH

Biblioteka

## BIBLIOTEKA INFORMUOJA

2022 m. spalio 10 d. Nr. 41 (581)

### NAUJIENOS



D. Vasiliauskienės daktaro disertacija



Spalio 18 d. Elsevier patirčių seminaras „Towards future research impact in Lithuania“

Daugiau bibliotekos naujienų  
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#### DARBUOTOJŲ PUBLIKACIJOS ĮTRAUKTOS Į WEB OF SCIENCE DUOMENŲ BAZĘ

2022.10.03 – 2022.10.09

#### Moksliniai straipsniai

**Celitan, E., Gruskiene, R., Kavleiskaja, T., Sereikaite, J.** 2022. beta-Carotene-2-hydroxypropyl-beta-cyclodextrin complexes coated with pectin. *Food Hydrocolloids*, 133. DOI: 10.1016/j.foodhyd.2022.107990

Žurnalo pozicija pagal kategorijas: CHEMISTRY, APPLIED – Q1; FOOD SCIENCE & TECHNOLOGY – Q1

**Davoudabadi, R., Mousavi, S. M., Zavadskas, E. K., Dorfeshan, Y.** 2022 (Early Access). Introducing MOWSCER Method for Multiple Criteria Group Decision-Making: A New Method of Weighting in the Structure of Cause and Effect Relationships. *International Journal of Information Technology & Decision Making*. DOI: 10.1142/S0219622022500663

Žurnalo pozicija pagal kategorijas: COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE – Q2; COMPUTER SCIENCE, INFORMATION SYSTEMS – Q2; OPERATIONS RESEARCH & MANAGEMENT SCIENCE – Q2; COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS – Q3

Kvedariene, V., Biliute, G., Didziokaite, G., Kavaliukaite, L., Savonyte, A., Rudzikaite-Fergize, G., Puronaite, R., Norkuniene, J., Emuzyte, R., Dubakiene, R., Valiulis, A., Sousa-Pinto, B., Bedbrook, A., Bousquet, J. 2022. Mobile health app for monitoring allergic rhinitis and asthma in real life in Lithuanian MASK-air users. *Clinical and Translational Allergy*, 12(9). DOI: 10.1002/ct2.12192

Žurnalo pozicija pagal kategorijas: ALLERGY – Q2

Peceliunas, R., Zuraulis, V., Drozdziel, P., Pukalskas, S. 2021. Prediction of road accident risk for vehicle fleet based on statistically processed tire wear model. *Promet-Traffic & Transportation*, 34(4), 619–630. DOI: 10.7307/ptt.v34i4.3997

## Konferencijų pranešimai

Bado, M. F., Casas, J. R., Kaklauskas, G. 2021. Embedded distributed optical fiber sensors for health monitoring of concrete bridges. *Bridge Maintenance, Safety, Management, Life-Cycle Sustainability and Innovations - Proceedings of the 10<sup>th</sup> International Conference on Bridge Maintenance, Safety and Management, IABMAS 2020*, 956–962. DOI: 10.1201/9780429279119-128

*Žurnalų pozicijos pagal kategorijas nurodytos, jei bent vienoje kategorijoje žurnalas patenka į 1 arba 2 kvartilę (Q). WoS DB žurnalai į kvartiles skirstomi pagal IF rodiklio reikšmes.*

## DARBUOTOJŲ PUBLIKACIJOS ĮTRAUKTOS Į SCOPUS DUOMENŲ BAZĘ

2022.10.03 – 2022.10.09

## Moksliniai straipsniai

Anulytė, J., Bužavaitė-Vertelienė, E., Vertelis, V., Stankevičius, E., Vilkevičius, K., Balevičius, Z. 2022. Influence of a gold nano-bumps surface lattice array on the propagation length of strongly coupled Tamm and surface plasmon polaritons. *Journal of Materials Chemistry C*. DOI: 10.1039/d2tc02174a

Žurnalo pozicija pagal kategorijas:

Materials Science: Materials Chemistry Q1

Chemistry: General Chemistry Q1

Biletsky, O., Kotovskyi, V., Višniakov, N., Šešok, A. 2022. Investigation of the Energy Characteristics of a Circuit under the Charge of a Supercapacitor and an Equivalent Linear Capacitor. *Applied Sciences (Switzerland)*, 12(18). DOI: 10.3390/app12189182

Žurnalo pozicija pagal kategorijas:

Engineering: General Engineering Q2

Physics and Astronomy: Instrumentation Q2

Computer Science: Computer Science Applications Q2

Chemical Engineering: Fluid Flow and Transfer Processes Q2

Materials Science: General Materials Science Q2

Chemical Engineering: Process Chemistry and Technology Q3

Jocienė, L., Krokaitė, E., Rekašius, T., Paulauskas, A., Kupčinskienė, E. 2022. Evaluation of genetic diversity of Himalayan balsam (*Impatiens glandulifera* Royle) populations using microsatellites | Bitinės sprigės (*Impatiens glandulifera* Royle) populiacijų genetinė įvairovė pagal mikrosatelitų lokusus. *Zemdirbyste*, 109(3), 259–268. DOI: 10.13080/z-a.2022.109.033

Žurnalo pozicija pagal kategorijas:

Agricultural and Biological Sciences: Agronomy and Crop Science Q2

Kamarauskas, A., Seliuta, D., Šlekas, G., Sadauskas, M., Kvietkauskas, E., Trusovas, R., Ratautas, K., Kancleris, Ž. 2022. Experimental demonstration of multiple Fano resonances in a

mirrored array of split-ring resonators on a thick substrate. *Scientific Reports*, 12(1). DOI: 10.1038/s41598-022-20434-x

Žurnalo pozicija pagal kategorijas:  
Multidisciplinary Q1

**Nedzinskaitė-Mitké, V.** 2022. Historical comic's superpowers: the creative power to communicate visually historical epics. *Creativity Studies*, 15(2), 577–589. DOI: 10.3846/cs.2022.15325

Žurnalo pozicija pagal kategorijas:  
Social Sciences: Cultural Studies Q1  
Social Sciences: Political Science and International Relations Q2  
Social Sciences: Sociology and Political Science Q2

**Novickij, V., Rembiałkowska, N., Kasperkiewicz-Wasilewska, P., Baczyńska, D., Rzechonek, A., Błasiak, P., Kulbacka, J.** 2022. Pulsed electric fields with calcium ions stimulate oxidative alternations and lipid peroxidation in human non-small cell lung cancer. *Biochimica et Biophysica Acta - Biomembranes*, 1864(12). DOI: 10.1016/j.bbamem.2022.184055

Žurnalo pozicija pagal kategorijas:  
Biochemistry, Genetics and Molecular Biology: Biophysics Q1  
Biochemistry, Genetics and Molecular Biology: Biochemistry Q1  
Biochemistry, Genetics and Molecular Biology: Cell Biology Q2

**Peyravi, B., Peleckienė, V., Vaičiūtė, K.** 2022. Research on the Impact of Motorization Rate and Technological Development on Climate Change in Lithuania in the Context of the European Green Deal. *Sustainability (Switzerland)*, 14(18). DOI: 10.3390/su141811610

Žurnalo pozicija pagal kategorijas:  
Social Sciences: Geography, Planning and Development Q1  
Environmental Science: Environmental Science (miscellaneous) Q1  
Computer Science: Computer Science (miscellaneous) Q1  
Engineering: Building and Construction Q1  
Environmental Science: Management, Monitoring, Policy and Law Q1  
Computer Science: Computer Networks and Communications Q2  
Energy: Energy Engineering and Power Technology Q2  
Computer Science: Hardware and Architecture Q2  
Energy: Renewable Energy, Sustainability and the Environment Q2

**Rudys, S., Laučys, A., Ragulis, P., Aleksiejūnas, R., Stankevičius, K., Kinka, M., Razgūnas, M., Bručas, D., Udris, D., Pomarnacki, R.** 2022. Hostile UAV Detection and Neutralization Using a UAV System. *Drones*, 6(9). DOI: 10.3390/drones6090250

Žurnalo pozicija pagal kategorijas:  
Engineering: Aerospace Engineering Q1  
Computer Science: Computer Science Applications Q1  
Computer Science: Information Systems Q1  
Engineering: Control and Systems Engineering Q1  
Computer Science: Artificial Intelligence Q1

**Samukaite Bubniene, U., Zukauskas, S., Ratautaite, V., Vilkiene, M., Mockeviciene, I., Liustrovaite, V., Drobys, M., Lisauskas, A., Ramanavicius, S., Ramanavicius, A.** 2022. Assessment of Cytochrome c and Chlorophyll a as Natural Redox Mediators for Enzymatic Biofuel Cells Powered by Glucose. *Energies*, 15(18). DOI: 10.3390/en15186838

Žurnalo pozicija pagal kategorijas:  
Mathematics: Control and Optimization Q1  
Engineering: Engineering (miscellaneous) Q1  
Engineering: Building and Construction Q1  
Energy: Energy (miscellaneous) Q2  
Engineering: Electrical and Electronic Engineering Q2  
Energy: Energy Engineering and Power Technology Q2  
Energy: Fuel Technology Q2  
Energy: Renewable Energy, Sustainability and the Environment Q2

**Taujanskaitė, K., Milčius, E.** 2022. Accelerated Growth of Peer-to-Peer Lending and Its Impact on the Consumer Credit Market: Evidence from Lithuania. *Economies*, 10(9). DOI: 10.3390/economies10090210

Žurnalo pozicija pagal kategorijas:

Economics, Econometrics and Finance: Economics, Econometrics and Finance (miscellaneous) Q2  
Social Sciences: Development Q2

**Valeika, G., Matijošius, J., Rimkus, A.** 2022. Research of the impact of EGR rate on energy and environmental parameters of compression ignition internal combustion engine fuelled by hydrogenated vegetable oil (HVO) and biobutanol – Castor oil fuel mixtures. *Energy Conversion and Management*, 270. DOI: 10.1016/j.enconman.2022.116198

Žurnalo pozicija pagal kategorijas:

Energy: Nuclear Energy and Engineering Q1  
Energy: Energy Engineering and Power Technology Q1  
Energy: Fuel Technology Q1  
Energy: Renewable Energy, Sustainability and the Environment Q1

**Vasiliauskienė, D., Boris, R., Balčiūnas, G., Kairytė, A., Urbonavičius, J.** 2022. Impact of Cellulolytic Fungi on Biodegradation of Hemp Shives and Corn Starch-Based Composites with Different Flame-Retardants. *Microorganisms*, 10(9). DOI: 10.3390/microorganisms10091830

**Zemlickienė, V., Turskis, Z.** 2022. Performance Measurement in R&D Projects: Relevance of Indicators Based on US and German Experts. *Sustainability (Switzerland)*, 14(18). DOI: 10.3390/su141811737

Žurnalo pozicija pagal kategorijas:

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Computer Science: Computer Networks and Communications Q2  
Energy: Energy Engineering and Power Technology Q2  
Computer Science: Hardware and Architecture Q2  
Energy: Renewable Energy, Sustainability and the Environment Q2

## Konferencijų pranešimai

**Mugurusi, G., Vestertė, J., Asamoah, D., Khatiwada, P., Mitcheltree, C. M., Holtskog, H., Underbekken, S.** 2022. The Significance and Barriers to Organizational Interoperability in Smart Service Ecosystems: A Socio-technical Systems Approach. In *IFIP Advances in Information and Communication Technology: Vol. 664 IFIP*. DOI: 10.1007/978-3-031-16411-8\_31

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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