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2024 m. liepos 8 d. Nr. 28 (672)

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Moksliniai straipsniai

Anderson, N. O., Krokaite-Kudakiene, E., Jociene, L., Rekasius, T., Chernyagina, O. A., Paulauskas, A., & Kupcinskiene, E. (2024). Genetic differentiation of reed canarygrass (*Phalaris arundinacea* L.) within Eastern Europe and Eurasia. *Genes*, 15(6). <https://doi.org/10.3390/genes15060734>

Žurnalo pozicija pagal kategorijas: GENETICS & HEREDITY – Q2

Asmontas, S., Masalskyi, O., Zharchenko, I., Suziedelis, A., & Gradauskas, J. (2024). Some aspects of hot carrier photocurrent across GaAs p-n junction. *Inorganics*, 12(6). <https://doi.org/10.3390/inorganics12060174>

Žurnalo pozicija pagal kategorijas: CHEMISTRY, INORGANIC & NUCLEAR – Q2

Astike, K., & Skvarciany, V. (2024). Measuring the level of performance of country's cultural economics: The case of EU11. *Amfiteatru Economic*, 26(65), 312–329. <https://doi.org/10.24818/EA/2024/65/312>

Žurnalo pozicija pagal kategorijas: ECONOMICS – Q1; BUSINESS – Q3; MANAGEMENT – Q3

Augaitis, N., Vaitkus, S., Kairyte, A., Vejelis, S., Seputyte-Jucike, J., Balciunas, G., & Kremensas, A. (2024). Research on thermal stability and flammability of wood scob-based loose-fill thermal insulation impregnated with multicomponent suspensions. *Materials*, 17(12). <https://doi.org/10.3390/ma17122809>

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

Ciziuniene, K., Prokopovic, M., Zaranka, J., & Matijosius, J. (2024). Biometric breakthroughs for sustainable travel: Transforming public transportation through secure identification. *Sustainability*, 16(12). <https://doi.org/10.3390/su16125071>

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

Drozdzziel, P., Pasaulis, T., Peceliunas, R., & Pukalskas, S. (2024). Evaluation of the energy equivalent speed of car damage using a finite element model. *Vehicles*, 6(2), 632–650. <https://doi.org/10.3390/vehicles6020029>

Žurnalo pozicija pagal kategorijas: ENGINEERING, MECHANICAL – Q2; TRANSPORTATION SCIENCE & TECHNOLOGY – Q2

Jarasuniene, A., Isoraite, M., & Petraska, A. (2024). Developing small-cargo flows in cities using unmanned aerial vehicles. *Future Transportation*, 4(2), 450–474. <https://doi.org/10.3390/futuretransp4020022>

Karpenko, M., Prentkovskis, O., & Skackauskas, P. (2024). Numerical simulation of vehicle tyre under various load conditions and its effect on road traffic safety. *Promet-Traffic & Transportation*, 36(1), 1–11. <https://doi.org/10.7307/ptt.v36i1.265>

Leipus, R., Siaulys, J., Danilenko, S., & Karaseviciene, J. (2024). Randomly stopped sums, minima and maxima for heavy-tailed and light-tailed distributions. *Axioms*, 13(6). <https://doi.org/10.3390/axioms13060355>

Žurnalo pozicija pagal kategorijas: MATHEMATICS, APPLIED – Q1

Luksaite-Lukste, R., Gecaite, I., Marcinkeviciute, K., Dumskis, E., Samuilis, A., Zvirblis, T., Jasiunas, E., Bausys, A., Drungilas, M., Luksta, M., Kryzauskas, M., Petrulionis, M., Beisa, A.,

Uselis, S., Valeikaite-Taugininene, G., Rackauskas, R., Strupas, K., & Poskus, T. (2024). Observation safely reduces the use of the computerized tomography in medium-to-low-risk patients with suspected acute appendicitis: Results of a randomized controlled trial. *Journal of Clinical Medicine*, 13(12). <https://doi.org/10.3390/jcm13123363>

Žurnalo pozicija pagal kategorijas: MEDICINE, GENERAL & INTERNAL – Q1

Maceika, A., Bugajev, A., & Sostak, O. R. (2024). Evaluating modular house construction projects: A Delphi method enhanced by conversational AI. *Buildings*, 14(6). <https://doi.org/10.3390/buildings14061696>

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

Magabaleh, A. A., Ghraibeh, L. L., Audeh, A. Y., Albahri, A. S., Deveci, M., & Antucheviciene, J. (2024). Systematic review of software engineering uses of multi-criteria decision-making methods: Trends, bibliographic analysis, challenges, recommendations, and future directions. *Applied Soft Computing*, 163. <https://doi.org/10.1016/j.asoc.2024.111859>

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

Moumni, B., Oulmekki, A., Kizinievic, O., Kizinievic, V., Eliche-Quesada, D., Charroud, M., EL Mouden, N., & Benmoussa, H. (2024). Clay influence on lightweight brick's properties: Investigating the impact of waste's nature and amount as secondary variables. *Construction and Building Materials*, 438. <https://doi.org/10.1016/j.conbuildmat.2024.136844>

Žurnalo pozicija pagal kategorijas: CONSTRUCTION & BUILDING TECHNOLOGY – Q1; ENGINEERING, CIVIL – Q1; MATERIALS SCIENCE, MULTIDISCIPLINARY – Q1

Petkeviciene, J., Voeller, A., Ciupkeviciene, E., Razavi-Shearer, D., Liakina, V., Jancoriene, L., Kazenaite, E., Zaksas, V., Urbonas, G., & Kupcinskas, L. (2024). Hepatitis C screening in Lithuania: first-year results and scenarios for achieving WHO elimination targets. *BMC Public Health*, 24(1). <https://doi.org/10.1186/s12889-024-18470-5>

Žurnalo pozicija pagal kategorijas: PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH – Q1

Plioplys, L., Antonovic, V., Boris, R., Kudzma, A., & Gribniak, V. (2024). Investigating the high-temperature bonding performance of refractory castables with ribbed stainless-steel bars. *Materials*, 17(12). <https://doi.org/10.3390/ma17122916>

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

Ragauskas, P., Tetsmann, I., & Jasevicius, R. (2024). The optimization of the geometry of the centrifugal fan at different design points. *Applied Sciences-Basel*, 14(8). <https://doi.org/10.3390/app14083530>

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

Ratov, B., Mechnik, V. A., Rucki, M., Hevorkian, E., Bondarenko, N., Prikhna, T., Moshchil, V. E., Kolodnitskyi, V., Morozow, D., Gusmanova, A., Jozwik, J., Arshidinova, M., & Tofil, A. (2024). Enhancement of the refractory matrix diamond-reinforced cutting tool composite with zirconia nano-additive. *Materials*, 17(12). <https://doi.org/10.3390/ma17122852>

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

Romek, D., Selech, J., & Ulbrich, D. (2024). Use of heat-applied coatings to reduce wear on agricultural machinery components. *Materials*, 17(12). <https://doi.org/10.3390/ma17122849>

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

Skrickij, V., Bazaras, D., Sakalys, R., Kojis, P., & Sakalys, A. (2024). The needs of researchers implementing supply chain digitalisation. *Transport and Telecommunication Journal*, 25(3), 335–344. <https://doi.org/10.2478/ttj-2024-0025>

Valiukas, D., Kaklauskas, G., Sokolov, A., & Jakubovskis, R. (2024). Features of bond-slip relations: 3D finite element analysis based on tests of short RC ties. *Case Studies in Construction Materials*, 20. <https://doi.org/10.1016/j.cscm.2024.e03387>

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Moksliniai straipsniai

Anderson, N. O., Krokaitė-Kudakienė, E., Jocienė, L., Rekašius, T., Chernyagina, O. A., Paulauskas, A., & Kupčinskienė, E. (2024). Genetic differentiation of reed canarygrass (*Phalaris arundinacea* L.) within Eastern Europe and Eurasia. *Genes*, 15(6). <https://doi.org/10.3390/genes15060734>

Žurnalo pozicija pagal kategorijas:

Medicine: Genetics (clinical) – Q2

Biochemistry, Genetics and Molecular Biology: Genetics – Q2

Droździel, P., Pasaulis, T., Pečeliūnas, R., & Pukalskas, S. (2024). Evaluation of the energy equivalent speed of car damage using a finite element model. *Vehicles*, 6(2), 632–650. <https://doi.org/10.3390/vehicles6020029>

Žurnalo pozicija pagal kategorijas:

Engineering: Automotive Engineering – Q2

Engineering: Electrical and Electronic Engineering – Q2

Hevorkian, E., Michalczewski, R., Rucki, M., Sofronov, D., Osuch-Słomka, E., Nerubatskyi, V., Krzysiak, Z., & Latosińska, J. N. (2024). Effect of the sintering parameters on the structure and mechanical properties of zirconia-based ceramics. *Ceramics International*. <https://doi.org/10.1016/j.ceramint.2024.06.331>

Žurnalo pozicija pagal kategorijas:

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Materials Science: Materials Chemistry – Q1

Materials Science: Electronic, Optical and Magnetic Materials – Q1

Materials Science: Ceramics and Composites – Q1

Chemical Engineering: Process Chemistry and Technology – Q1

Luksaite-Lukste, R., Gecaite, I., Marcinkeviciute, K., Dumskis, E., Samuilis, A., Zvirblis, T., Jasiunas, E., Bausys, A., Drungilas, M., Luksta, M., Kryzauskas, M., Petrulionis, M., Beisa, A., Uselis, S., Valeikaite-Taugininene, G., Rackauskas, R., Strupas, K., & Poskus, T. (2024). Observation safely reduces the use of the computerized tomography in medium-to-low-risk patients with suspected acute appendicitis: Results of a randomized controlled trial. *Journal of Clinical Medicine*, 13(12). <https://doi.org/10.3390/jcm13123363>

Žurnalo pozicija pagal kategorijas:

Medicine: General Medicine – Q1

Rekas, P., Szumiata, T., Szewczyk, R., Gzik-Szumiata, M., & Nowicki, M. (2024). Influence of mechanical stresses noncoaxial with the magnetizing field on the relative magnetic permeability of electrical steel. *IEEE Transactions on Magnetics*, 1. <https://doi.org/10.1109/TMAG.2024.3418668>

Žurnalo pozicija pagal kategorijas:

Engineering: Electrical and Electronic Engineering – Q2

Materials Science: Electronic, Optical and Magnetic Materials – Q2

Rimša, V., & Liugas, M. (2024). Numerical investigation of the vortex ring phenomena in rotorcraft. *Aerospace*, 11(6). <https://doi.org/10.3390/aerospace11060418>

Žurnalo pozicija pagal kategorijas:

Engineering: Aerospace Engineering – Q2

Konferencijų pranešimai

Belkheir, A., Mellouli, E. M., Žuraulis, V., & Haidi, T. (2024). Variable control gain design for longitudinal control for an autonomous vehicle. *2024 4th International Conference on Innovative Research in Applied Science, Engineering and Technology, IRASET 2024*. <https://doi.org/10.1109/IRASET60544.2024.10549624>

Jennan, N., Mellouli, E. M., & Žuraulis, V. (2024). Direct fuzzy logic controller combined with fast terminal sliding mode for a bicopter. *2024 4th International Conference on Innovative Research in Applied Science, Engineering and Technology, IRASET 2024*. <https://doi.org/10.1109/IRASET60544.2024.10548643>

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