

KAUNO KOLEGIJOS PUBLIKACIJŲ SĄRAŠAS ATESTACIJAI

MOKSLO PUBLIKACIJOS

MOKSLO STRAIPSNIAI

Mokslo straipsnis žurnale, indeksuojamame Clarivate Analytics Web of Science ir (ar) Scopus duomenų bazėse, turinčiame cituojamumo rodiklį (IF JCR ir/arba SNIP Scopus)

1. **Albrektas, D.**, Ivanauskas, E., & Misiūnaitė, U. (2025). Forecasting and comparison of mechanical properties of wooden structure models. *Drvna industrija*, 76(2), 169-176. doi:10.5552/drvind.2025.0227 [IF: 0,800; AIF: 2,700; kvartilė: Q3 (2024, Clarivate JCR SCIE)] [CiteScore: 1,50; SNIP: 0,444; SJR: 0,225; kvartilė: Q3 (2024, Scopus Sources)] [Autoriniai lankai: 0,571] [Indėlis: 0,334] [T 002; T 008]
2. **Kavaliauskas, Ž., Blažiūnas, G., & Šajev, I.** (2025). Optimization of an automated substrate irrigation system using the SAC reinforcement learning agent. *Applied sciences*, vol. 15(iss. 23), 1-17. doi:10.3390/app152312715 [IF: 2,500; AIF: 5,375; kvartilė: Q2 (2024, Clarivate JCR SCIE)] [CiteScore: 5,50; SNIP: 0,956; SJR: 0,521; kvartilė: Q1 (2024, Scopus Sources)] [Autoriniai lankai: 1,214] [Indėlis: 1,000] [T 008; T 001; T 006]
3. **Kavaliauskas, Ž.**, Milieška, M., **Blažiūnas, G.**, **Gecevičius, G.**, & Zhairabany, H. (2025). Neural network approaches for generation forecasting and conceptual design in hybrid renewable energy systems. *International Journal of Electrical Power & Energy Systems*, 172, 1-18. doi:10.1016/j.ijepes.2025.111241 [IF: 5,000; AIF: 4,500; kvartilė: Q1 (2024, Clarivate JCR SCIE)] [CiteScore: 13,00; SNIP: 1,611; SJR: 1,714; kvartilė: Q1 (2024, Scopus Sources)] [Autoriniai lankai: 1,286] [Indėlis: 0,500] [T 006]
4. **Kavaliauskas, Ž.** (2025). Application of RGB color analysis and neural networks for preliminary assessment of wastewater pollutant concentration. *Applied sciences*, vol. 15(iss. 23), 1-17. doi:10.3390/app152312572 [IF: 2,500; AIF: 5,375; kvartilė: Q2 (2024, Clarivate JCR SCIE)] [CiteScore: 5,50; SNIP: 0,956; SJR: 0,521; kvartilė: Q1 (2024, Scopus Sources)] [Autoriniai lankai: 1,214] [Indėlis: 1,000] [T 008; T 001; T 006]
5. Makaveckas, T., **Šimonėlienė, A.**, & **Šipailaitė-Ramoškienė, V.** (2025). Lignin valorization from lignocellulosic biomass: extraction, depolymerization, and applications in the circular bioeconomy. *Sustainability*, 17(21), 1-26. doi:10.3390/su17219913 [IF: 3,300; AIF: 5,050; kvartilė: Q2 (2024, Clarivate JCR SSCI); IF: 3,300; AIF: 5,700; kvartilė: Q2 (2024, Clarivate JCR SCIE)] [CiteScore: 7,70; SNIP: 1,113; SJR: 0,688; kvartilė: Q1 (2024, Scopus Sources)] [Autoriniai lankai: 1,857] [Indėlis: 0,666] [T 002; T 008; A 001]
6. **Gudaitienė, R.**, **Minkus, V.**, & Darulis, A. (2025). Calibration of the printing process for 3D models using Vat polymerisation and investigation of the mechanical properties of TGM-7 resin. *Journal of graphic engineering and design*, 16(3), 29-40. doi:10.24867/JGED-2025-3-029 [CiteScore: 1,80; SNIP: 0,395; SJR: 0,238; kvartilė: Q3 (2024, Scopus Sources)] [Autoriniai lankai: 0,857] [Indėlis: 0,800] [T 007; T 008]
7. **Kavaliauskas, Ž.**, **Blažiūnas, G.**, **Šajev, I.**, **Iljinis, A.**, & **Gimžauskaitė, D.** (2025). Development and optimization of an automated industrial wastewater treatment system using PLC and LSTM neural network. *Applied sciences*, 15(16), 1-20. doi:10.3390/app15168990 [IF: 2,500; AIF: 5,375; kvartilė: Q2 (2024, Clarivate JCR SCIE)] [CiteScore: 5,50; SNIP: 0,956; SJR: 0,521; kvartilė: Q1 (2024, Scopus Sources)] [Autoriniai lankai: 1,429] [Indėlis: 1,000] [T 008; T 001; T 006]
8. **Sajek, D.**, **Korotenko, O.**, & Kyrychok, T. (2025). Research on the accessibility of different colour schemes for web resources for people with colour blindness. *Journal of imaging*, vol. 11(iss. 8), 1-28. doi:10.3390/jimaging11080268 [IF: 3,300; AIF: 5,000; kvartilė: Q2 (2024, Clarivate JCR ESCI)] [CiteScore: 6,70; SNIP: 1,245; SJR: 0,662; kvartilė: Q1 (2024, Scopus Sources)] [Autoriniai lankai: 2,000] [Indėlis: 0,667] [T 007]
9. Vievesis, M., **Kujalavičius, Ž.**, **Keturakis, G.**, Gylienė, V., & Jablonskytė, J. (2025). Impact of machining parameters on surface roughness in CNC hardwood milling: a multivariate approach. *Advances in production engineering & management*, 20(2), 191-204. doi:10.14743/apem2025.2.535 [IF: 2,500; AIF: 5,750; kvartilė: Q3 (2024, Clarivate JCR SCIE)] [CiteScore: 5,70; SNIP: 1,090; SJR: 0,645; kvartilė: Q1 (2024, Scopus Sources)] [Autoriniai lankai: 1,000] [Indėlis: 0,400] [T 008; T 009]
10. Grigas, A., Steponavičius, D., Bručienė, I., Krikštolaitis, R., Krilavičius, T., **Steponavičienė, A.**, & Savickas, D. (2025). Optimization of hydroponic wheat sprouts as an alternative livestock feed: yield and biochemical composition under different fertilization regimes. *Plants*, 14(14), 1-18. doi:10.3390/plants14142166 [IF: 4,100; AIF: 3,900; kvartilė: Q1 (2024, Clarivate JCR SCIE)] [CiteScore: 7,60; SNIP: 1,215; SJR: 0,888; kvartilė: Q1 (2024, Scopus Sources)] [Autoriniai lankai: 1,286] [Indėlis: 0,142] [T 005]

11. Mhlongo, S. E., Oluwole Akintola, G., Amponsah-Dacosta, F., **Kairiūkštis, L.**, & Ngozi-Chika, C. S. (2025). A mini-review of the development and use of expert systems in mining. *Mining of mineral deposits*, vol. 19(iss. 2), 141-147. doi:10.33271/mining19.02.141 [IF: 2,900; AIF: 3,200; kvartilė: Q1 (2024, Clarivate JCR ESCI)] [CiteScore: 6,30; SNIP: 1,411; SJR: 0,986; kvartilė: Q1 (2024, Scopus Sources)] [Autoriniai lankai: 0,500] [Indėlis: 0,200] [N 005; T 010; T 007]
12. **Sakalauskas, V.**, & Krikščiūnienė, D. (2025). Binary classification models for stroke outcome prediction. *BRAIN: Broad research in artificial intelligence and neuroscience*, 16(2), 296-310. doi:10.70594/brain/16.2/22 [IF: 0,500; AIF: 4,000; kvartilė: Q4 (2024, Clarivate JCR ESCI)] [Autoriniai lankai: 1,071] [Indėlis: 0,500] [N 009; S 008]
13. Damiaty, S., Wu, M., Turky, A., **Kodzius, R.**, & Damiaty, S. A. (2025). Designing waterin oil emulsion using microfluidic systems through machine learning. *Natural Sciences*, 1-8. doi:10.1002/ntls.70014 [IF: 3,100; AIF: 5,800; kvartilė: Q1 (2024, Clarivate JCR ESCI)] [CiteScore: 5,40; SNIP: 0,921; SJR: 0,880; kvartilė: Q1 (2024, Scopus Sources)] [Autoriniai lankai: 0,571] [Indėlis: 0,068] [N 003; T 005]
14. Zailskaitė-Jakštė, L., Lastauskaitė, A., Morkūnienė, V., **Skinulienė, L.**, Makaveckas, T., & **Kairiūkštis, L.** (2025). Sustainable ventilation in the buildings of public and semi-public organizations: a case study in Lithuania. *Sustainability*, 17(8), 1-18. doi:10.3390/su17083576 [IF: 3,300; AIF: 5,050; kvartilė: Q2 (2024, Clarivate JCR SSCI); IF: 3,300; AIF: 5,700; kvartilė: Q2 (2024, Clarivate JCR SCIE)] [CiteScore: 7,70; SNIP: 1,113; SJR: 0,688; kvartilė: Q1 (2024, Scopus Sources)] [Autoriniai lankai: 1,286] [Indėlis: 0,332] [S 003; T 001]
15. Šriupša, L., **Vaitkūnas, M.**, Baronas, A., Svinkūnas, G., Dosinas, J., Knyš, A., Gudžius, S., Jonaitis, A., & Serva, D. (2025). Enhancing the efficiency of photovoltaic power flows management in three-phase prosumer grids. *Sustainability*, 17(5), 1-21. doi:10.3390/su17052134 [IF: 3,300; AIF: 5,050; kvartilė: Q2 (2024, Clarivate JCR SSCI); IF: 3,300; AIF: 5,700; kvartilė: Q2 (2024, Clarivate JCR SCIE)] [CiteScore: 7,70; SNIP: 1,113; SJR: 0,688; kvartilė: Q1 (2024, Scopus Sources)] [Autoriniai lankai: 1,500] [Indėlis: 0,055] [T 006]
16. Šermukšnytė Alešiūnienė, K., **Vencloviene, I.**, Ispiryana, A., Pakeltiene, R., **Kraujutiene, I.**, & Butu, M. (2025). Assessing the effectiveness of twin transformation in Lithuanian and Romanian agriculture: a comparative analysis. *Romanian agricultural reserach*, no. 42, 337-347. doi:10.59665/rar4229 [IF: 1,000; AIF: 3,400; kvartilė: Q3 (2024, Clarivate JCR SCIE)] [CiteScore: 1,30; SNIP: 0,400; SJR: 0,167; kvartilė: Q3 (2024, Scopus Sources)] [Autoriniai lankai: 0,786] [Indėlis: 0,332] [S 003; S 004; A 001]
17. **Kulishova, N.**, & **Sajek, D.** (2025). Using machine learning and generative intelligence in book cover development. *Journal of imaging*, vol. 11(iss. 2), 1-20. doi:10.3390/jimaging11020046 [IF: 3,300; AIF: 5,000; kvartilė: Q2 (2024, Clarivate JCR ESCI)] [CiteScore: 6,70; SNIP: 1,245; SJR: 0,662; kvartilė: Q1 (2024, Scopus Sources)] [Autoriniai lankai: 1,429] [Indėlis: 1,000] [T 007]
18. **Šumskienė, D.**, **Skinulienė, L.**, & **Klimavičius, D.** (2025). Winter wheat resilience under different pre-crop conditions in Albeluvisol Soils. *Sustainability*, 17(1), 1-13. doi:10.3390/su17010216 [IF: 3,300; AIF: 5,050; kvartilė: Q2 (2024, Clarivate JCR SSCI); IF: 3,300; AIF: 5,700; kvartilė: Q2 (2024, Clarivate JCR SCIE)] [CiteScore: 7,70; SNIP: 1,113; SJR: 0,688; kvartilė: Q1 (2024, Scopus Sources)] [Autoriniai lankai: 0,929] [Indėlis: 1,000] [A 001]
19. **Albrektas, D.**, & **Sajek, D.** (2025). Evaluation of the influence of temperature on the mechanical properties of biocomposites. *Journal of composites science*, vol. 9(iss. 12), 1-11. doi:10.3390/jcs9120660 [IF: 3,700; AIF: 7,000; kvartilė: Q2 (2024, Clarivate JCR ESCI)] [CiteScore: 5,80; SNIP: 1,077; SJR: 0,652; kvartilė: Q1 (2024, Scopus Sources)] [Autoriniai lankai: 0,786] [Indėlis: 1,000] [T 008]

[Indėlis grupėje: 10,996]