

Article, Review Article	Žurnāla ietekmes faktors (IF 2023)
1. Sharma, G., Verma, A., García-Peñas, A., & Kumar, A. et al. (2024). Polysaccharide-based biopolymeric magnetic hydrogels for remediation of antibiotics from aqueous solution. International Journal of Biological Macromolecules, 283, Article 137555.	7.7
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3. Zagare, A., Kurlovics, J., Almeida, C., & Ferrante, D. et al. (2025). Insulin resistance compromises midbrain organoid neuronal activity and metabolic efficiency predisposing to Parkinson's disease pathology. Journal of Tissue Engineering, 16, 1-19.	6.7
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5. Semenchuk, J., Naito, Y., & Charman, S. C. et al. (2024). Impact of COVID-19 infection on lung function and nutritional status amongst individuals with cystic fibrosis: A global cohort study. Journal of Cystic Fibrosis, 23(5), 815-822.	5.4
6. Andze, L., Ļefjodovs, V., Andzs, M., & Skute, M. et al. (2024). Chemically Pretreated Densification of Juniper Wood for Potential Use in Osteosynthesis Bone Implants. Journal of Functional Biomaterials, 15(10), Article 287.	5.0
7. Kononova, E., Mežmale, L., Poļaka, I., & Veliks, V. et al. (2024). Breath Fingerprint of Colorectal Cancer Patients Based on the Gas Chromatography–Mass Spectrometry Analysis. International Journal of Molecular Sciences, 25(3), Article 1632.	4.9
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10. Hitti-Malin, R. J., Panneman, D. M., Corradi, Z., & Boonen, E. G. M. et al. (2024). Towards Uncovering the Role of Incomplete Penetrance in Maculopathies through Sequencing of 105 Disease-Associated Genes. Biomolecules, 14(3), Article 367.	4.8
11. (2025). A 5-transcript signature for discriminating viral and bacterial etiology in pediatric pneumonia. iScience, 28(2), Article 111747.	4.6
12. (2025). Guiding AI in radiology: ESR's recommendations for effective implementation of the European AI Act. Insights into Imaging, 16(1), 33.	4.1
13. Scegljovs, A., Skadiņš, I., Chitto, M., & Kroiča, J. et al. (2025). Failure or future? Exploring alternative antibacterials: a comparative analysis of antibiotics and naturally derived biopolymers. Frontiers in Microbiology, 16, 1526250.	4.0
14. Zemītis, A., Vanags, J., Schiemer, T., & Klavins, K. et al. (2024). Aqueous humor metabolomic profiling identifies a distinct signature in pseudoexfoliation syndrome. Frontiers in Molecular Biosciences, 11, Article 1487115.	3.9

15. Ivļevs, A., & King, R. (2025). [Emigration and tobacco smoking among those staying behind](#). Journal of Migration and Health, 11, Article 100305. 3.9
16. Krieviņš, D. K., Zellans, E., Latkovskis, G., & Kumsars, I. et al. (2024). [Diagnosis and treatment of ischemia-producing coronary stenoses improves 5-year survival of patients undergoing major vascular surgery](#). Journal of Vascular Surgery, 80(1), 240-248. 3.9
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18. Ares-Blanco, S., Guisado-Clavero, M., & Del Rio, L. R. et al. (2024). [Primary care indicators for disease burden, monitoring and surveillance of COVID-19 in 31 European countries: Eurodata Study](#). European Journal of Public Health, 34(2), 402-410. 3.7
19. Pesce, F., Vadalà, M., Almeida, E., & Fernandez, B. et al. (2024). [International Nephrology Masterclass in Chronic Kidney Disease: Rationale, Summary, and Future Perspectives](#). Life, 14(12), Article 1668. 3.2
20. Bokvalde, Z., Zamure-Dambergā, L., Zolovs, M., & Neimane, L. (2025). [Evaluating the Effectiveness of the Third Molar Maturity Index \(I3m\) and Mandibular Condyle Cortication for Determining the Legal Age \(18\) of Latvian Individuals](#). Diagnostics, 15(4), Article 475. 3.0
21. Kārkle, A., Neimane, L., Zolovs, M., & Dambergs, M. et al. (2025). [Impact of Advanced Platelet-Rich Fibrin on Early Bone Healing After Endodontic Microsurgery: A Randomized Controlled Trial](#). Diagnostics, 15(5), Article 516. 3.0
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26. Pretkalniņa, D., Kēniņa, E., Gailīte, L., & Rots, D. et al. (2024). [Evaluating plasma biomarkers NfL, GFAP, GDF15, and FGF21 as indicators of disease severity in Charcot-Marie Tooth patients](#). Frontiers in Neurology, 15, Article 1490024. 2.7
27. Davidoviča, A., Semjonova, G., Kamynina, L., & Lancere, L. et al. (2025). [Concept Protocol for Developing a DAid® Smart Socks-Based Biofeedback System: Enhancing Injury Prevention in Football Through Real-Time Biomechanical Monitoring and Mixed Reality Feedback](#). Applied Sciences (Switzerland), 15(3), Article 1584. 2.5
28. Coteur, K., Zafirovska, M., Zafirovski, A., & Daniļenko, J. et al. (2025). [How People in Eight European Countries Felt About the Safety, Effectiveness, and Necessity of COVID-19 Vaccination: A Cross-Sectional Survey](#). Healthcare, 13(3), Article 344. 2.4

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34. Opincāns, J., Ivanovs, I., Miscuks, A., & Pāvulāns, J. et al. (2024). [Bilateral Rectus Sheath Block with Continuous Bupivacaine Infusions After Elective Open Gastrectomy: A Randomized Controlled Trial](#). Medicina (Lithuania), 60(12), Article 1992. 2.4
35. Garbilis, A., & Mednieks, J. (2024). [Differences in Heart Rate Variability in the Frequency Domain between Different Groups of Patients](#). Medicina (Lithuania), 60(6), Article 900. 2.4
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39. Kūkoja, K., Villeruša, A., & Zīle-Velika, I. (2024). [Relationship between Maternal Socioeconomic Factors and Preterm Birth in Latvia](#). Medicina (Lithuania), 60(5), Article 826. 2.4
40. Komarova, V., Kudins, J., Sannikova, A., & Cizo, E. et al. (2024). [Using Artificial Intelligence \(ai\) for Local Territorial Development: Data-based Machine Diagnostics of Latvian Municipalities](#). Entrepreneurship and Sustainability Issues, 12(2), 443-459. 1.2
41. Pretkalniņa, D., Grinvalde, S., & Kalniņa, E. (2024). [Pediatric Autoimmune Encephalitis: A Nationwide Study in Latvia](#). Neuropediatrics, 55(5), 321-326. 1.1
42. Kameņeckā-Usova, M., Lejniece, I., & Zalcmane, K. (2024). [Hosting Large Sports Events Sustainably: A Contemporary Administrative and Economic Evaluation](#). EUROPEAN JOURNAL OF SUSTAINABLE DEVELOPMENT, 13(3), 609-630. 0.9

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