

The most important publications published on the RSU Research Portal in September 2024

Article, Review Article	Journal Impact factor (JIF 2023)
1. GBD 2021 Stroke Risk Factor Collaborators, & Feigin, V. L. (2024). Global, regional, and national burden of stroke and its risk factors, 1990–2021: a systematic analysis for the Global Burden of Disease Study 2021 . The Lancet Neurology, 23(10), 973-1003.	46.5
2. Llorente, A., Brokāne, A., Mlynska, A., & Puurand, M. et al. (2024). From sweat to hope: The role of exercise-induced extracellular vesicles in cancer prevention and treatment . Journal of Extracellular Vesicles, 13(8), Article e12500.	15.5
3. Egle, K., Dohle, E., Hoffmann, V., & Salma, I. et al. (2024). Fucoïdan/chitosan hydrogels as carrier for sustained delivery of platelet-rich fibrin containing bioactive molecules . International Journal of Biological Macromolecules, 262(Pt 1), Article 129651.	7.7
4. Rubina, A., Sceglavs, A., Ramata-Stunda, A., & Pugajeva, I. et al. (2024). Injectable mineralized Sr-hydroxyapatite nanoparticles-loaded ε-polylysine-hyaluronic acid composite hydrogels for bone regeneration . International Journal of Biological Macromolecules, 280(1), Article 135703.	7.7
5. Büttner, M., Rokshad, R., Brinz, J., & Issa, J. et al. (2024). Core outcomes measures in dental computer vision studies (DentalCOMS) . Journal of Dentistry, 150, 1-7. Article 105318.	4.8
6. Glaskova-Kuzmina, T., Dejus, D., Jätņieks, J., & Vīndedze, E. et al. (2024). The Tensile, Thermal and Flame-Retardant Properties of Polyetherimide and Polyetherketoneketone Processed via Fused Filament Fabrication . Polymers, 16(3), Article 336.	4.7
7. Likopa, Z., Kivite-Urtane, A., Strele, I., & Pavare, J. (2024). Effect of Combination of Point-of-Care C-Reactive Protein Testing and General Practitioner Education and Long-Term Effect of Education on Reducing Antibiotic Prescribing for Children Presenting with Acute Infections in General Practice in Latvia: A Randomized Controlled Intervention Study . Antibiotics, 13(9), Article 867.	4.3
8. Litvinova, Y., Merkur, S., Allin, S., & Angulo-Pueyo, E. et al. (2024). Availability and financing of CAR-T cell therapies: A cross-country comparative analysis . Health Policy, 149, Article 105153.	3.6
9. Ansule, I., Fleming, V., & Millere, I. (2024). To be a midwife in Latvia – Midwives talking - Pilot study . Heliyon, 10(12), Article e32504.	3.4
10. Antonini, M., Genie, M. G., Attema, A. E., & Attwell, K. et al. (2024). Public preferences for vaccination campaigns in the COVID-19 endemic phase: insights from the VaxPref database . Health Policy and Technology, 13(1), Article 100849.	3.4
11. Paļskis, K., Korobeinikova, E., Bogorada-Saukuma, D., & Camarda, A. M. et al. (2024). “Particle therapy - future for the Baltic states?” – synthesis of the expert workshop report . Health and Technology, 14(5), 965-972.	3.1
12. Ozola, L., & Pilmane, M. (2024). Characterization of local tissue immunity defence factors of the lip in primary dentition children with bilateral cleft lip palate . Journal of Personalized Medicine, 14(9), 1-25. Article 965.	3.0
13. Sadovska, D., Nodieva, A., Pole, I., & Vīksna, A. et al. (2024). Discordance Between Phenotypic and WGS-Based Drug Susceptibility Testing Results for Some Anti-Tuberculosis Drugs: A Snapshot Study of Paired Mycobacterium tuberculosis Isolates with Small Genetic Distance . Infection and Drug Resistance, 17, 3289-3307.	2.9

14. Volgemute, K., Vazne, Z., & Krauksta, D. (2024). [An Intervention into Imagery and Self-Efficacy: Enhancing Athletic Achievements of Alpine Skiers](#). *Education Sciences*, 14(5), Article 513. 2.5
15. Krumpāne, L., Nikitina, E., Neimane, L., & Ābeltiņš, A. et al. (2024). [Osteoarthritic Bony Alterations of Temporomandibular Joint and Relation to Low Bone Mineral Density in Postmenopausal Edentulous Females](#). *Dentistry Journal*, 12(8), 1-10. Article 238. 2.5
16. Rawat, S., Deshpande, A. P., Predoiu, R., & Piotrowski, A. et al. (2023). [The Personality and Resilience of Competitive Athletes as BMW Drivers - Data from India, Latvia, Lithuania, Poland, Romania, Slovakia, and Spain](#). *Healthcare (Switzerland)*, 11(6), Article 811. 2.4
17. Mijuna-Meldere, S., Vanka, Š. A., Skadiņš, I., & Kroiča, J. et al. (2024). [Oral mucosal changes caused by nicotine pouches: case series](#). *Diagnostic Pathology*, 19(1), 1-10. Article 127. 2.4
18. Putenis, K., Strautmane, S., Mičule, M., & Kočāne, E. et al. (2024). [The Impact of SARS-CoV-2 Infection on Sleep, Daytime Sleepiness, and Depression - Longitudinal Cohort Study](#). *Medicina (Lithuania)*, 60(8), Article 1352. 2.4
19. Grenier, M., Kļaviņa, A., Lieberman, L. J., & Kirk, T. N. (2023). [Youth participation in a wheelchair tennis program from a social relational perspective](#). *Sport, Education and Society*, 28(3), 272-285. 2.3
20. Sokolovskis, A., Lapiņa, L., Lauva, A., & Papirte, S. et al. (2024). [Epidemiological and clinical characteristics of adult patients with chronic spontaneous urticaria in Latvia: insights from a two-centre study](#). *European Journal of Dermatology*, 34(4), 398-408. 2.0
21. Bormane, S., & Blaus, E. (2024). [Artificial intelligence in the context of digital marketing communication](#). *Frontiers in Communication*, 9. 1.5
22. Soha, A., Azina, I., Rozentale, B., & Kramicha, K. et al. (2024). [HLA class II DRB1, DQA1, DQB1 loci in patients with HIV infection and tuberculosis in a Latvian cohort group](#). *Central European Journal of Immunology*, 49(1), 37-44. 1.5
23. Maliskina, A. M., Franckevica, I., Visnevskā-Preciniece, Z., & Grutupa, M. et al. (2024). [Atypical Teratoid/Rhabdoid Tumor with Retained SMARCB1 \(INI1\) Expression and Rare SMARCA4 Gene Mutation: A Case Report of a Pediatric Patient](#). *Reports*, 7(2), Article 28. 0.8
24. Bernans, E., Abolins, V., & Lanka, J. (2023). [Does step frequency as a single factor affect running economy? A systematic review](#). *Journal of Human Sport and Exercise*, 18(3), 743-754. 0.5
25. Lerner, A., Jakusonoka, R., Juntins, A., & Rothem, D. (2024). [Is the Ankle Fusion the Single Salvage Procedure and the Best Result for the Massive Distal Tibial Loss: Surgical Techniques and Clinical Results](#). *Techniques in Foot and Ankle Surgery*, 23(3), 162-166. 0.1
26. Buchwald, S. C. L., Gitelman, D., Smits, D., & Rodriguez de la Vega, P. E. et al. (2024). [The Impact of Physical Activity on Memory Loss and Concentration in Adults Aged 18 or Older in the U.S. in 2020](#). *International journal of environmental research and public health*, 21(9), Article 1193. 2.5
27. Kruks, S. (2023). [Ambiguous Grammar of Legal Discourse](#). *Letonica*, (53), 168-185. 2.5

28. Kakar, J., Sokolovska, L., Dabuzinskiene, A., & Murovska, M. et al. (2024). [Analysing Clinical and Demographic Data from a Study on Oral Lichen Planus Patients](#). Proceedings of the Latvian Academy of Sciences, Section B: Natural, Exact, and Applied Sciences, 78(4), 303-310.
29. Ropa, A., Malahova, L., & Jakovleva, M. (2024). [Animal Ethics or Sport Ethics? A Historical Approach to Professional Ethics in Equestrian Sports](#). Cheiron: The International Journal of Equine and Equestrian History, 4(1), 95-114.
30. Bernans, E. (2023). [Assessing changes in running kinematics at different intensities: a case study](#). Journal of Physical Education and Sport, 23(5), 1279-1286. Article 157.
31. Skadiņa, D., Nokalna, I., & Balceris, A. (2024). [Assessment of Micellar Water pH and Product Claims](#). Dermato, 4(3), 79-85.
32. Kļaviņa, A., Veliks, V., Bebrisa-Fedotova, L., & Zusa, A. et al. (2023). [Association Between Problematic Internet Use and Health Risks in Adolescents With and Without Chronic Health Conditions](#). Reabilitācijas Mokslai: Slauga, Kineziterapija, Ergoterapija, 1(28), 1-20.
33. Soha, A., Ņesterenko, R., Āziņa, I., & Rozentāle, B. et al. (2024). [CASE REPORTS ON COVID-19 OUTCOMES DURING THE PANDEMIC IN PATIENTS WITH WELL-MANAGED HIV INFECTION IN LATVIA](#). Proceedings of the Latvian Academy of Sciences, Section B: Natural, Exact, and Applied Sciences, 78(1), 106-110.
34. Kondratisko, J., Kremneva, A., Trups-Kalne, I., & Derovs, A. et al. (2024). [CLINICAL APPLICATION OF THE GLASGOW BENEFIT INVENTORY AND GLASGOW BENEFIT INVENTORY WITH FIVE FACTORS: CURRENT EVIDENCE](#). Proceedings of the Latvian Academy of Sciences, Section B: Natural, Exact, and Applied Sciences, 78(4), 239-243.
35. Vašuka, E., Novika, V., Laivacuma, S., & Krūmiņa, A. et al. (2024). [Clinical Features, Treatment Challenges and Outcomes of Patients with Autoimmune Hepatitis: Five Years Experience in Rīga East University Hospital](#). Proceedings of the Latvian Academy of Sciences, Section B: Natural, Exact, and Applied Sciences, 78 (4), 275 - 282.
36. Grisle, E., Zemitis, A., Markevica, I., & Zolovs, M. et al. (2024). [Comparative analysis of lens structural changes in ex-clean-up workers exposed to radiation from Chernobyl versus non-exposed individuals](#). Oftalmologicheskii Zhurnal, (4), 52-57.
37. Jevdokimova, N., Jevdokimov, D., Teterina, I., & Pokrotnieks, J. et al. (2024). [CORRELATION OF INTESTINAL ULTRASOUND DATA WITH LABORATORY MARKERS OF INFLAMMATION FOR PATIENTS WITH INFLAMMATORY BOWEL DISEASE](#). Proceedings of the Latvian Academy of Sciences, Section B: Natural, Exact, and Applied Sciences, 78(4), 290-297.
38. Blaus, O., Bula-Biteniece, I., Lubinska, I., & Bernāns, E. et al. (2023). [Correlations between control exercises of combat fitness test and control exercises of physical conditioning](#). Journal of Physical Education and Sport, 23(9), 2469-2479. Article 284.
39. Vilks, A., & Kipāne, A. (2023). [Criminal economy of Cuba, Venezuela, and Colombia: Structure, intersection points, profitability assessment](#). Scientific Bulletin of Mukachevo State University. Series Economics, 10(1), 49-57.
40. Yordanova, T., Medvedeva, I., & Abele, A. (2023). [Dependencies between indicators of the speed-power and balance stability of figure skaters](#). Journal of Physical Education and Sport, 23(2), 525-531.

41. Boobani, B., Grants, J., Litwiniuk, A., & Boge, I. et al. (2024). [Effect of Walking in Nature on Stress Levels and Performance of Taekwondo Athletes in the Competition Period](#). Journal of Kinesiology and Exercise Sciences, 34(106), 17-27.
42. Ivaščenko, T., & Ivaščenko, J. (2023). [EFFECTS OF SENSOMOTOR COMMUNICATION SYSTEM BASED EXERCISES ON STATIC BALANCE AND SELF-ESTEEM IN 7-12 YEARS OLD KARATE PUPILS](#). Central European Journal of Sport Sciences and Medicine, 44(4), 27-37.
43. Grivins, M., & Kilis, E. (2023). [Engaging with barriers hampering uptake of digital tools](#). Italian Review of Agricultural Economics, 78(2), 29-38.
44. Basina, O., Derovs, A., Derova, J., & Lejniece, S. (2024). [EXPLORING INTESTINAL PERMEABILITY: CONCEPT, DIAGNOSIS, CONNECTION TO BOWEL DISEASE, AND IRON DEFICIENCY](#). Proceedings of the Latvian Academy of Sciences, Section B: Natural, Exact, and Applied Sciences, 78(4), 244-248.
45. Bula-Biteniece, I., Radičuks, R., Līcis, R., & Gulbe, A. et al. (2023). [Implementation of learning content based on a competency approach in outdoor physical education classes](#). Journal of Physical Education and Sport, 23(3), 780-788. Article 98.
46. Slavinska, A., Šāberte, L., Birzniece, M. D., & Grigoroviča, E. et al. (2024). [Interdisciplinary Simulation-Based Education Curriculums on Patient Rights: For the Safety of Healthcare Professionals and Patients](#). Proceedings of the Latvian Academy of Sciences, Section B: Natural, Exact, and Applied Sciences, 78(4), 249-256.
47. Andžāns, M. (2024). [Societal Perceptions in Transition from a Borderland to a Frontline: Latvia's Latgale During the War in Ukraine](#). European Foreign Affairs Review, 29(Spec. issue), 53-70.
48. Tālberga, G., & Fernāte, A. (2023). [SPIRITUALITY AND PRE-SPIRITUALITY IN THE CREATED WORLD](#). Cels, (74), 107-129.
49. Vroblevska, E., & Rātfelders, T. (2024). [The consolidation of putin's power through legal and political means: implications for identity construction](#). SOCRATES. Rīgas Stradiņa universitātes Juridiskās fakultātes elektroniskais juridisko zinātnisko rakstu žurnāls / SOCRATES. Rīga Stradiņš University Faculty of Law Electronic Scientific Journal of Law, 2024(28), 58-64.
50. Bernāns, E., & Saulgriezis, R. (2023). [The effect of velocity on flight phase duration in race walking: a comparative study of three cases](#). Journal of Physical Education and Sport, 23(7), 1810-1817. Article 221.
51. Volgemute, K., Vazne, Z., Krauksta, D., & Cosma, G. A. (2023). [The improvement of athletes' imagery ability and physical self-efficacy for the growth of athletic achievements in sport model](#). Journal of Physical Education and Sport, 23(3), 748-755.
52. Markevičs, K., Basina, O., Pokrotnieks, J., & Lapiņa, A. (2024). [THERAPEUTIC ENDOSCOPY FOLLOWING RADICAL TREATMENT OF UPPER GASTROINTESTINAL TRACT CANCER AT RĪGA EAST UNIVERSITY HOSPITAL](#). Proceedings of the Latvian Academy of Sciences, Section B: Natural, Exact, and Applied Sciences, 78(4), 283-289.
53. Ciekurs, R. (2023). [The regulation of telemedicine: a Latvian–EU perspective](#). SOCRATES. Rīgas Stradiņa universitātes Juridiskās fakultātes elektroniskais juridisko zinātnisko rakstu žurnāls / SOCRATES. Rīga Stradiņš University Faculty of Law Electronic Scientific Journal of Law, 23(1), 74-80.

54. Šķilters, J., Pokrotņieks, J., & Derovs, A. (2024). [TOWARDS A HUMAN-AI HYBRID MEDICINE: FUTURE MEDICINE - A HYBRID SYSTEM WHERE AI COMPLEMENTS INSTEAD OF REPLACES HUMANS](#). Proceedings of the Latvian Academy of Sciences, Section B: Natural, Exact, and Applied Sciences, 78(4), 233-238.
55. Derovs, A., Derova, J., & Pokrotņieks, J. (2024). [XI Latvian Gastroenterology Congress with International Participation: Getting Back on Track Live](#). Proceedings of the Latvian Academy of Sciences, Section B: Natural, Exact, and Applied Sciences, 78(4), 328-330.
56. Vitomskyi, V. V., Kļaviņa, A., Mruga, M. R., & Molik, B. et al. (2022). [Physical therapy graduate students' and examiners' perception of objective structured clinical examination: a feedback for process improvement](#). Health, Sport, Rehabilitation, 8(2), 63-77.