

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

Article, Review Article	Journal Impact factor (JIF 2023)
1. GBD 2021 Tobacco Forecasting Collaborators, Bryazka, D., & Reitsma, M. B. et al. (2024). Forecasting the effects of smoking prevalence scenarios on years of life lost and life expectancy from 2022 to 2050: a systematic analysis for the Global Burden of Disease Study 2021 . The Lancet Public Health, 9(10), e729-e744.	25.4
2. Erta, G., Gersone, G., Jurka, A., & Tretjakovs, P. (2024). The Link between Salivary Amylase Activity, Overweight, and Glucose Homeostasis . International Journal of Molecular Sciences, 25(18), Article 9956.	4.9
3. Gerofke, A., Lange, R., Vogel, N., & Schmidt, P. et al. (2024). Phthalates and substitute plasticizers: Main achievements from the European human biomonitoring initiative HBM4EU . International Journal of Hygiene and Environmental Health, 259, Article 114378.	4.5
4. Norris, S. J., & Brangulis, K. (2024). Meta-analysis of the Vmp-like sequences of Lyme disease Borrelia: evidence for the evolution of an elaborate antigenic variation system . Frontiers in Microbiology, 15, Article 1469411.	4.0
5. Zole, E., Baumanis, E., Freimane, L., & Dāle, R. et al. (2024). Changes in TP53 Gene, Telomere Length, and Mitochondrial DNA in Benign Prostatic Hyperplasia Patients . Biomedicines, 12(10), Article 2349.	3.9
6. Tisler, A., Võrk, A., Tammemägi, M., & Ojavee, S. E. et al. (2024). Nationwide study on development and validation of a risk prediction model for CIN3+ and cervical cancer in Estonia . Scientific Reports, 14(1), Article 24589.	3.8
7. Remmel, M.-L., Suija, K., Raudne, R., & Tisler, A. et al. (2024). Women's perspectives on the acceptability of risk-based cervical cancer screening . BMC Cancer, 24(1), Article 1314.	3.4
8. Ivanova, K., Ribakova, O., Mihailova, A., & Mozeitovica, E. et al. (2024). Prevalence and gender - specific analysis of a systemic sclerosis cohort in Latvia . Orphanet Journal of Rare Diseases, 19(1), Article 361.	3.4
9. Atstāja, D., & Cakrani, E. (2024). Impact of Climate Change on International Tourism Evidence from Baltic Sea Countries . Sustainability (Switzerland), 16(12), Article 5203.	3.3
10. Rocans, R. P., Zarins, J., Bine, E., & Mahauri, I. et al. (2024). Von Willebrand Factor Antigen, Biomarkers of Inflammation, and Microvascular Flap Thrombosis in Reconstructive Surgery . Journal of clinical medicine, 13(18), Article 5411.	3.0
11. Vaivads, M., & Pilmane, M. (2024). Distribution of Immunomodulation, Protection and Regeneration Factors in Cleft-Affected Bone and Cartilage . Diagnostics, 14(19), Article 2217.	3.0
12. Atstaja, D., Cudecka-Purina, N., Koval, V., & Kuzmina, J. et al. (2024). Waste-to-Energy in the Circular Economy Transition and Development of Resource-Efficient Business Models . Energies, 17(16), Article 4188.	3.0
13. Voložonoka, L., Bārdiņa, L., Kornete, A., & Krūmiņa, Z. et al. (2024). Unravelling the genetic landscape of cervical insufficiency: Insights into connective tissue dysfunction and hormonal pathways . PLoS ONE, 19(9), Article e0310718.	2.9

14. Upmale-Engela, S., Vaivode, I., Peculis, R., & Litvina, H. et al. (2024). [Genetic and Environmental Factors in Autoimmune Thyroid Disease: Exploring Associations with Selenium Levels and Novel Loci in a Latvian Cohort](#). *Current Issues in Molecular Biology*, 46(3), 2553-2565. 2.8
15. Tumova, A., Auslands, K., Millers, A., & Priede, Z. et al. (2024). [Association of Schimmelpenning Syndrome with Astrocytoma \(WHO Grade 3\): Case Report](#). *Medicina (Kaunas, Lithuania)*, 60(10), Article 1688. 2.4
16. Lapiņš, J., Polita, B. S. D., Kalniņa, L., & Grucki, M. et al. (2024). [Novel Nipple Reinnervation Technique Using N. Suralis Graft](#). *Medicina (Lithuania)*, 60(9), Article 1533. 2.4
17. Brokāns, A., Dolgopolova, J., Saulitis, A., & Spulle, U. et al. (2024). [Optic nerve glioblastoma with optic chiasm involvement: A case report and a brief literature review](#). *Medicina*, 60(10), 1-10. Article 1667. 2.4
18. Klibus, M., Smirnova, D., Marcinkevics, Z., & Rubins, U. et al. (2024). [Quantitative Evaluation of Microcirculatory Alterations in Patients with COVID-19 and Bacterial Septic Shock through Remote Photoplethysmography and Automated Capillary Refill Time Analysis](#). *Medicina*, 60(10), Article 1680. 2.4
19. Grabčika, A., Kažoka, D., Vētra, J., & Pilmane, M. (2024). [Craniofacial Measurements and Indices Trends in Latvian Children Aged 1–15](#). *Children*, 11(9), Article 1141. 2.0
20. Dzelve, P., Legzdiņa, A., Krūmiņa, A., & Tirzīte, M. (2024). [Utility of Raman Spectroscopy in Pulmonary Medicine](#). *Advances in Respiratory Medicine*, 92(5), 421-428. 1.8
21. Ojuva, A. M., Rocans, R. P., Zarins, J., & Bine, E. et al. (2024). [Novel Challenges and Opportunities for Anesthesia and Perioperative Care in Microvascular Flap Surgery: A Narrative Review](#). *Clinics and Practice*, 14(5), 2187–2201. 1.7
22. Rannama, I., Zusa, A., & Latash, M. L. (2023). [Unintentional force drifts in the lower extremities](#). *Experimental Brain Research*, 241(5), 1309-1318. 1.7
23. Zelčāne, E., & Pipere, A. (2024). [Maintaining resilience over time: A qualitative exploration of the experiences of living with chronic musculoskeletal pain](#). *Musculoskeletal Care*, 22(2), Article e1913. 1.5
24. Boobani, B., Grants, J., Glaskova-Kuzmina, T., & Židens, J. et al. (2024). [Effect of green exercise on stress level, mental toughness, and performance of taekwondo athletes](#). *Archives of Budo*, 20. 1.4
25. Litwiniuk, A., Waldziński, T., Waldzińska, E., & Grants, J. et al. (2023). [Profiles of the ability to optimally use the limbs muscle strength of combat sports athletes, racket sports athletes and drummer as validation of the accuracy of the recommended methods of measuring this phenomenon](#). *Archives of Budo*, 19, 29-40. 1.4
26. Litwiniuk, A., Obmiński, Z., Grants, J., & Boobani, B. et al. (2024). [Seasonal variability of maximal power of upper and lower limbs in ju-jitsu athletes](#). *Archives of Budo*, 20. 1.4
27. Solovjova, J., Boobani, B., Glaskova-Kuzmina, T., & Jakubovskis, G. et al. (2024). [Swimmers' shoulder injury prevention by correctly evaluate the technical errors](#). *Archives of Budo*, 20. 1.4
28. Brustio, P. R., Klonova, A., Rudi, D., & Chiari, C. et al. (2024). [Effects of online and face-to-face exercise training compared in healthy older adults: a feasibility study](#). *Sport Sciences for Health*, 20(2), 683-692. 1.2

29. Kudeikina, I., & Kaija, S. (2024). [Climate Change Management –Legislative Challenges in the Context of Sustainability](#). EUROPEAN JOURNAL OF SUSTAINABLE DEVELOPMENT, 13(4), 131-142. 0.9
30. Balodis, A., Strautmane, S., Mežvinska, P., & Pavlovičs, S. (2024). [Multinodular Vacuolating Neuronal Tumors: Symptomatic Presentation Versus Incidental Finding: Case Series and Literature Review](#). Reports, 7(4)(86), 1-10. 0.8
31. Zariņš, K., & Siders, E. G. (2024). [Homo Climaticus vs. Homo Religiosus: The Interplay of Archetypes](#). Religions, 15(10), Article 1208. 0.7
32. Volgemute, K., Vazne, Z., & Wirkus, Ļ. (2023). [Examining stress Tolerance and Self-Efficacy in Soldiers](#). Journal of Educational Sciences & Psychology, 13 (75)(2), 195-203. 0.2
33. Cereļa-Boltunova, O., Millere, I., & Trups-Kalne, I. (2024). [Adaptation of the Nursing Activities Score in Latvia](#). International Journal of Environmental Research and Public Health, 21(10), Article 1284.
34. Makarova, A., Ekšteina, I., Sperga, M., & Elsberga, E. et al. (2024). [Acute Liver and Kidney Failure as the Presentation of Leptospirosis: Case Report of a Rare Differential Diagnosis in Case of Jaundice](#). Proceedings of the Latvian Academy of Sciences, Section B: Natural, Exact, and Applied Sciences, 78(4), 323-327.
35. Cereļa-Boltunova, O., & Paskova, A. (2024). [Adaptation and Validation of the Moral Distress Scale-Healthcare Professionals in Latvia](#). Journal of Ecohumanism, 3(7), 894-906. Article 7.
36. Sinulingga, A. R., Pontaga, I., & Slaidiņš, K. (2024). [An assessment of static and dynamic balance effectiveness in one-leg stance of young footballers](#). Human Movement, 25(2), 97 -104.
37. Pontaga, I., Vilks, S., & Abolins, V. (2024). [Assessment of static and dynamic balance performance in team sports athletes](#). Journal of Physical Education and Sport, 24(1), 123-132. Article 16.
38. Zariņš, K. (2024). [Canon law and latin legal characterization](#). Socrates, 29(1), 87-92.
39. Sīle, V., & Graudiņa, E. (2024). [Civil rights and civic participation of youth in Latvia](#). Socrates, 29(1), 80-86.
40. Blaus, O., Aboltins, A., Bula-Biteniece, I., & Ciematnieks, U. et al. (2024). [Creating a physical fitness test for soldiers based on the correlations of the results of the special and general physical fitness tests](#). Journal of Physical Education and Sport, 24(6), 1465-1478. Article 166.
41. Jevsjutina, Ž., Zeltiņa, I., & Šurpicka, A. (2024). [Patient with Newly Diagnosed HIV Infection in Aids Stage Who Developed Oesophageal Candidiasis and Miliary Tuberculosis: A Case Report](#). Proceedings of the Latvian Academy of Sciences, Section B: Natural, Exact, and Applied Sciences, 78(4), 317-322.
42. Dambrova, G., Kravale, Z., Žentiņa, D., & Krūmiņa, A. (2024). [SUCCESSFUL BEVACIZUMAB THERAPY IN A 25-YEAR-OLD PATIENT WITH RECURRENT RESPIRATORY PAPILLOMATOSIS](#). European Journal of Case Reports in Internal Medicine, 11(10), Article 004840.
43. Treļs, Ē., & Mihailovs, I. J. (2024). [The Concept of “Patriotism” in Legal Regulation in the Republic of Latvia: Current Situation and Challenges](#). Journal of the University of Latvia. Law, (17), 291-304.