

The most important publications published on the RSU Research Portal in September 2025

Article, Review Article	Journal Impact factor (JIF 2024)
1. Kapp, P., Schmucker, C., Siemens, W., & Brugger, T. et al. (2025). Human papillomavirus (HPV) vaccination in women with conisation . Cochrane Database of Systematic Reviews, 9(9), Article CD016121.	9.4
2. Marino, C., Bersia, M., Furstova, J., & Galeotti, T. et al. (2025). Global change in adolescent social media use (2018–2022): An ecological analysis across 28 countries . Computers in Human Behavior, 173, Article 108789.	8.9
3. Kasatkina, L., Fedorchenko, V., Sidorova, I., & Gomenyuk, L. et al. (2025). National representative seroprevalence of viral hepatitis B, C, and D seromarkers in Ukraine, 2021 . EUROSURVEILLANCE, 30(29), Article 2500015.	7.8
4. Hendricks, L. A. J., Verbeek, K. C. J., Schuurs-Hoeijmakers, J. H. M., & de Jong, M. M. et al. (2025). The risk of a second primary cancer in PTEN Hamartoma Tumor Syndrome (PHTS) . Genetics in Medicine, 27(10), Article 101467.	6.2
5. Aumeistere, L., Kovada, K., Driksna, A., & Kozačenko, J. et al. (2025). Enhancing human milk iodine concentration: a data-driven action plan for Latvia . Frontiers in Nutrition, 12, Article 1650108.	5.1
6. Ivanova, K., Schiemer, T., Vaska, A., & Kurjāne, N. et al. (2025). Serum Metabolomic Profiling Reveals Differences Between Systemic Sclerosis Patients with Polyneuropathy . International Journal of Molecular Sciences, 26(15), Article 7133.	4.9
7. Lagunas-Rangel, F. A., Jonsson, J., Jackevica, L., & Fredriksson, R. et al. (2025). Statins regulate kinase signaling by causing changes in phosphorylation, rather than through changes in gene expression or direct inhibition: evidence in colorectal cancer . Frontiers in Pharmacology, 16, Article 1653702.	4.8
8. Matisāne, L., Akūlova, L., Pavlovskā, I., & Matisāne, M. et al. (2025). Insights from Expert Interviews on Navigating the Complexity of Prioritizing Chemicals for Human Biomonitoring in Latvia . Toxics, 13(9), Article 715.	4.1
9. Semenistaja, S., Sokolovska, L., Svirskis, Š., & Studers, P. et al. (2025). Distinct late-stage osteoarthritis profiles identified through NF-κB, TNF-α, and TGF-β–driven synovial inflammation and pain . Scientific Reports, 15(1), Article 30288.	3.9
10. Ļubina, O., Daly, A., Auzenbaha, M., & Gailīte, L. et al. (2025). Nutritional profiling of foods for Phenylketonuria . Scientific Reports, 15(1), Article 22538.	3.9
11. Chitimia-Dobler, L., Dobler, G., Lang, D., & Bormane, A. et al. (2025). Distribution and Genotypic Landscape of Tick-Borne Encephalitis Virus in Ticks from Latvia from 2019 to 2023 . Pathogens, 14(9), Article 950.	3.3
12. Grech, A., Naamanka, K., Mattsson, J., & Pakpour, A. et al. (2025). Psychometric properties of the ethical safety questionnaire in acute healthcare environments - a cross-sectional study . BMC Medical Ethics, 26(1), Article 115.	3.1
13. Jansons, J., Avdoshina, D., Dudorova, A., & Rubio, E. R. et al. (2025). New mouse model based on adenocarcinoma 4T1 cells expressing HPV16 E6 and E7 applied to assess the efficacy of therapeutic and prophylactic E6/E7-based HPV16 vaccines . Infectious Agents and Cancer, 20(1), Article 51.	2.8

14. Šetlere, S., Schiemer, T., Vaska, A., & Gailīte, L. et al. (2025). [Metabolomics insights into Charcot–Marie–Tooth disease: toward biomarker discovery](#). *Frontiers in Neurology*, 16, Article 1543547. 2.8
15. Kanašniece, E., Daukšaitė, V., Vilne, B., & Gailīte, L. et al. (2025). [Circulating plasma microRNA expression profile: potential minimally invasive biomarker for early detection of coronary artery disease development](#). *Molecular Biology Reports*, 52(1), 927. Article 927. 2.8
16. Cantinotti, M., Voges, I., di Salvo, G., & Ortiz-Garrido, A. et al. (2025). [Hypoplastic Left Heart Syndrome Practice Variation Across 31 Centres From 20 European Countries. An AEPC Imaging Working Group Study](#). *European Journal of Pediatrics*, 184(6), Article 379. 2.6
17. Zicāns, M., Šablinskis, K., Cesnieks, H., & Rudzītis, A. et al. (2025). [Chronic Thromboembolic Pulmonary Hypertension in Latvia: Epidemiological Insights and Diagnostic Challenges From 2024](#). *Pulmonary Circulation*, 15(3), Article e70159. 2.5
18. Freibergs, Z., Hodaseviča, N., Pēce, M., & Šneidere, K. et al. (2025). [The Compensatory Role of the Hippocampus in Working Memory Among Older Adults With Low MoCA Scores](#). *European Journal of Neuroscience*, 62(5), Article e70254. 2.4
19. Bukova-Žideļūna, A., Ķīvīte-Urtāne, A., Sprinģe, L., & Priedīte, I. et al. (2025). [Inequities in Health Service Needs Among Older Adults During COVID-19: A Gender-Stratified Analysis Using Longitudinal SHARE Data](#). *Inquiry (United States)*, 62. 2.3
20. Mičko, L., Skadiņš, I., Šalms, Ģ., & Dubņika, A. et al. (2025). [“Injectable platelet-rich fibrin for modelling of mandibular lower border defects in bilateral sagittal split osteotomy”](#). *Journal of Cranio-Maxillofacial Surgery*, 53(10), 1769-1779. 2.1
21. Angulo, F., Zhang, P., Žygutienė, M., & Zavadskā, D. et al. (2025). [Tick-borne encephalitis vaccine effectiveness and public health impact in the Baltic countries of Estonia, Latvia, and Lithuania, 2019-2023](#). *IJID Regions*, 16, Article 100727. 1.7
22. Sperle, I., Lunchenkov, N., Nurmatov, Z. S., & A Bekbolotov, A. et al. (2025). [Barriers and Facilitators to HIV and Viral Hepatitis Testing in Primary Health Care Settings in the Kyrgyz Republic \(BarTest\): Protocol for a Mixed Methods Study](#). *JMIR Research Protocols*, 14, Article e62929. 1.5
23. Kiščenko, D. (2025). [Who Deserves to Reproduce? Latvian State Support for Infertility and Moral Considerations](#). *Social Inclusion*, 13. Article 10403. 1.2
24. Urbāne, A., & Zavorins, A. (2025). [Successful treatment of giant xanthelasma palpebrarum by carbon dioxide \(co2\) laser](#). *Przegląd Dermatologiczny*, 112(2), 108-111. 0.9
25. Ose, G., Evansa, I., Krivmanis, E., & Zlobina, N. et al. (2025). [Continuous Erector Spinae Plane Block for Postoperative Analgesia After Intestinal Resection and Hernia Repair Surgery: A Case Report](#). *American Journal of Case Reports*, 26, e949259. Article e949259. 0.7
26. Cereļa-Boltunova, O., & Millere, I. (2025). [Exploring the Relation Between Nursing Workload and Moral Distress, Burnout, and Turnover in Latvian Intensive Care Units: An Ecological Analysis of Parallel Data](#). *International Journal of Environmental Research and Public Health*, 22(9), Article 1442. 0.7
27. Cereļa-Boltunova, O., Millere, I., & Trups-Kalne, I. (2025). [The SRAQ-HP: Development and Initial Validation of a Tool to Assess Perceived Resource Adequacy Among Healthcare Professionals](#). *International Journal of Environmental Research and Public Health*, 22(9), Article 1380. 0.7

28. Huhka, E. L., & Rudzītis, A. (2024). [Analysis of Methods for Determining the Stage of Sexual Maturity in Youth Sports](#). LASE Journal of Sport Science , 15(1-2), 59-70.
29. Sinulingga, A. R., Slaidiņš, K., Salajeva, A., & Liepa, A. et al. (2025). [Effect of Integrative Balance and Plyometric Training on Balance, Ankle Mobility, and Jump Performance in Youth Football Players: A Randomized Controlled Trial](#). Physical Activity and Health, 9(1), 146-160.
30. Sadauskaite, R., Kalniņa, D., Kairys, A., & Rajevska, O. et al. (2025). [Predictors of Internet Use among Older Adults in Lithuania](#). Information & Media, 102, 68-83.
31. Kipāne, A., Vilks, A., Kuznecova, K., & Krivins, A. (2025). [Prevention of security threats in public space in the context of urban development](#). Social and Legal Studios, 8(2), 49-61.
32. Purviņš, M., Atstāja, D., & Cudečka-Puriņa, N. (2025). [Sustainability Study Process Gamification: Review of Best Practices, Challenges and Benefits in a Digital Era](#). Journal of Agricultural, Earth and Environmental Sciences, 4(2), 1-9.
33. Radičuks, R., Bula-Biteniece, I., Ābele, A., & Poliakova, O. (2025). [Teaching and Assessment of Digital Literacy in School Education: A Qualitative Systematic Review](#). LASE Journal of Sport Science , 16(1), 10-22.
34. Vilks, A., Kipane, A., & Krivins, A. (2025). [The Role of Religious Norms in the Formation of Legal Systems: The Theological Foundations of Law in Different World Religions](#). Pharos Journal of Theology, 106(3).