

The most important publications published on the RSU Research Portal in February 2026

| Article, Review Article | Journal Impact factor (JIF 2024) |
|--|----------------------------------|
| 1. Andersone, A., Ramata-Stunda, A., Zaharova, N., & Pētersone, L. et al. (2026). Sea Buckthorn, Aronia, and Black Currant Pruning Waste Biomass as a Source of Multifunctional Skin-Protecting Cosmetic and Pharmaceutical Cream Ingredients . International Journal of Molecular Sciences, 27(2), Article 701. | 4.9 |
| 2. Ampe, T., Decroix, L., De Pauw, K., & Meeusen, R. et al. (2025). Nutritional and Physiological Demands Shape the Gut Microbiome of Female World Tour Cyclists . Microorganisms, 13(10), Article 2345. | 4.2 |
| 3. Akūlova, L., Strēle, I., Breidaks, J., & Raita, A. et al. (2026). Detection of Agricultural Pesticides in Human Urine in Latvia: Links with Surrounding Land Use . Toxics, 14(1), Article 81. | 4.1 |
| 4. Liu, Z., Hollmann, C., Kalandhi, S., & Lamer, S. et al. (2026). Immunoglobulin G complexes from post-infectious ME/CFS, including post-COVID ME/CFS disrupt cellular energetics and alter inflammatory marker secretion . Brain, Behavior, and Immunity - Health, 52, Article 101187. | 3.5 |
| 5. Balmages, I., Smite, K., Bļizņuks, D., & Reinis, A. et al. (2025). Adapted Correlation Methods for Laser Speckle Imaging of Microbial Activity: Evaluation and Rationale . Sensors, 25(18), Article 5772. | 3.5 |
| 6. Sokolovska, L., Biserova, K., Spridzāne, A., & Krisane, D. et al. (2026). Persistently high prevalence of HPV16 and rising prevalence of non-16/18 HR-HPV genotypes in cervical pre-cancer and cancer in Latvia in 2016-2024 shape the severity of cervical disease . Frontiers in Oncology, 15, Article 1676334. | 3.3 |
| 7. Liepiņa, E. E., Sīviņa, E., Jurkane, L., & Daneberga, Z. (2026). Baseline Gut Microbiome and Metabolite Profiles Associate with Treatment Response in Breast Cancer Patients Undergoing Neoadjuvant Chemotherapy . Diagnostics, 16(3), Article 433. | 3.3 |
| 8. Klibus, M., Serova, V., Rubins, U., & Marcinkevics, Z. et al. (2026). Pulse Waveform Changes During Vasopressor Therapy Assessed Using Remote Photoplethysmography: A Case Series . Journal of Clinical Medicine, 15(3), Article 1118. | 2.9 |
| 9. Boobani, B., Grants, J., Saulīte, S., & Jakubovskis, G. et al. (2026). Two-Week Recovery Strategies to Enhance Performance Readiness in Martial Arts Athletes: A Pilot Study . Sports, 14(2). | 2.9 |
| 10. Akmane, E., Mārtinsons, K., & Stierle, C. M. G. (2026). Shaping psychologists' professional identity during a period of crisis: An existential-dialectical approach . Acta Psychologica, 264, Article 106431. | 2.7 |
| 11. Kons, R. L., Apollaro, G., Bevins, R., & Morales, J. et al. (2025). Age distributions in Paralympic Games Paris 2024: an analysis of 5,540 para athletes across 13 individual disciplines . Frontiers in Sports and Active Living, 7, 1720957. | 2.6 |
| 12. Senia, P., Roggio, F., Vella, F., & Dounias, G. et al. (2026). Biomechanical and Thermophysiological Effects of Electric Olive Harvesters: A Pilot Study Using Myotonometry and Infrared Thermography . Applied Sciences, 16(4), Article 1882. | 2.5 |
| 13. Arnite, A., Bondare-Ansberga, V., Reinberga, L., & Hartmane, I. et al. (2026). Depression, Anxiety and Quality of Life in Patients with Atopic Dermatitis and Psoriasis . Medicina (Kaunas), 62(1), Article 164. | 2.4 |

14. Reinis, A., Dansone, G., Balode, L., & Gintere, S. et al. (2025). [Effects of Various Local Antibacterial Preparations on Bacterial Density in Pharyngeal and Tonsillar Mucosa of Patients with Acute Pharyngitis](#). *Medicina (Lithuania)*, 61(12), Article 2100. 2.4
15. Serova, V., Klibus, M., Marcinkevics, Z., & Rubins, U. et al. (2026). [Microcirculation Monitoring in Septic Shock: Focused Review](#). *Medicina (Kaunas, Lithuania)*, 62(2), Article 346. 2.4
16. Raščevska, M., Surikova, S., Nīmante, D., & Vabale, A. et al. (2025). [Examining the influence of family socioeconomic status indicators and other family factors on children's pre-academic skills](#). *Cogent Education*, 12(1), Article 2510091. 2.0
17. Nurulfa, R., & Kļaviņa, A. (2026). [Problematic internet use and its relationship with motor proficiency among adolescents participating in extracurricular sports \(a comparative study of Indonesia and Latvia\)](#). *Frontiers in Education*, 11, Article 1755129. 1.9
18. Vasilevska, L., Puķīte, I., Auzenbaha, M., & Rots, D. et al. (2026). [A Novel PCK1 Gene Variant Associated With Cytosolic Phosphoenolpyruvate Carboxykinase Deficiency: Two Siblings With Different Clinical Presentations](#). *JIMD Reports*, 67(1), Article e70065. 1.8
19. Muižniece-Slesare, L., Akmane, E., Havsteen-Franklin, D., & Mārtinsone, K. (2026). [Adapting through adversity: The transformation of art therapists' professional identity](#). *Arts in Psychotherapy*, 98, Article 102429. 1.5
20. Sharshenova, A. (2026). [Nostalgia, anxiety, politics. Media and performing arts in Egypt, Central-Eastern Europe, and Russia](#). *Europe-Asia Studies*, 78(1), 133-135. 1.2
21. Slutins, O., Zemite, L., Bogdanova, O., & Kronkalns, D. et al. (2025). [Assessing Energy Poverty in the European Union: Indicators, Challenges, and Policy Solutions](#). *Latvian Journal of Physics and Technical Sciences*, 62(1), 13-31. 0.7
22. Rožukalne, A., & Līdaka, G. (2025). [IEROBEŽOTI KANĀLI UN STABILA AUDITORIJA: LATVIJAS RUSOFONĀS AUDITORIJAS MEDIJU LIETOJUMS UN ATTIEKSME PRET MEDIJIEM PĒC KRIEVIJAS PILNA MĒROGA IEBRUKUMA UKRAINĀ](#). *Akademiska Dzīve*, 61, 155-167.
23. Stakle, A. (2025). [The contested terrain: Photography education in an era of technological and epistemological flux](#). *Philosophy of Photography*, 16(2), 207-221.
24. Apsītis, A., Tarasova, D., & Dinsberga, J. (2025). [The legal regulation of mineral extraction in Roman law](#). *Socrates*, 33(3), 8-13.
25. Ērdmanis, R., & Mihailovs, I. J. (2025). [The principle of subsidiarity in general education](#). *Socrates*, 33(3), 58-64.
26. Āboliņa, L., & Palkova, K. (2025). [Use of the state language in legal relationships between the patient and medical personnel](#). *Socrates*, 31(1), 40-47.