

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

Article, Review Article	Journal Impact factor (JIF 2024)
1. Veszelei, I., Godman, B., Aaltonen, K., & Selke, G. W. et al. (2025). Introduction of Biopharmaceuticals in Europe: A Cross-Sectional Study of Early Diffusion Patterns and Data Availability . BioDrugs, 39(5), 735-751.	6.9
2. Tăpoi, C., Alexander, L., De Filippis, R., & Agorastos, A. et al. (2025). Early career psychiatrists' perceptions of and training experience in electroconvulsive therapy: A cross-sectional survey across Europe . European Psychiatry, 67(1), Article e86.	6.7
3. Jansen, C. P., Nijland, D., Oppert, J. M., & Alcan, V. et al. (2025). The Role of Environmental Factors in Technology-Assisted Physical Activity Intervention Studies Among Older Adults: Scoping Review . JMIR mHealth and uHealth, 13, Article e59570.	6.2
4. Daniel, Z., Kukuls, K., Cal, K., & Pelloux, A. et al. (2025). Investigating the Mechanical Behaviour of Viscoelastic and Brittle Pharmaceutical Excipients During Tableting: Revealing the Unobvious Potential of Advanced Compaction Simulation . Pharmaceutics, 17(12), Article 1606.	5.5
5. Vīksne, R. J., Sumeraga, G., & Pilmane, M. (2024). Endotypes of Chronic Rhinosinusitis with Primary and Recurring Nasal Polyps in the Latvian Population . International Journal of Molecular Sciences, 25(10), Article 5159.	4.9
6. Jekabsons, N., Upnere, S., Lācis, A., & Bārzdiņa, A. et al. (2026). Uncertainties in drug dissolution tests - identification and CFD evaluation of factors limiting the accuracy of the USP2 test . European Journal of Pharmaceutical Sciences, 217, Article 107387.	4.7
7. Krims-Dāvis, K., Ozola, M., Razživina, V., & Gukālova, B. et al. (2025). Low Bioavailability and High TMAO Production: Novel Insights Into Acetylcarnitine and Carnitine Metabolism . Molecular Nutrition and Food Research, 69(24), Article e70316.	4.2
8. Held, M., Pausch, C., Huscher, D., & Pittrow, D. et al. (2025). Survival in patients with chronic thromboembolic pulmonary hypertension treated with riociguat versus other medications: a COMPERA analysis . ERJ Open Research, 11(6), Article 00230.	4.0
9. Roesch, S., O'Sullivan, A., Tschani, S., & Baghdasaryan, A. et al. (2025). Hearing rehabilitation in SERAC1 related MEGD(H)EL syndrome – implications from a multi-center retrospective cohort study . Molecular Genetics and Metabolism, 146(1-2), Article 109193.	3.5
10. Krams, I., Kolbjonoks, V., Popovs, S., & Munkevics, M. et al. (2025). Contrasting Effects of Larval Escitalopram and Serotonin-Synthesis Inhibitor on Adult Phototaxis in Drosophila w1118 . Life, 15(11), Article 1782.	3.4
11. Balodis, A., Zālīte, S., Briede, I., & Nazarovs, J. et al. (2025). Unusual localization of pilocytic astrocytoma at the foramen of Monro mimicking a colloid cyst: a case report and literature review . Frontiers in Oncology, 15, Article 1717175.	3.3
12. Karhu, M., Tumelkans, R., Dzirkale, D., & Auslands, K. et al. (2025). Tumefactive Demyelinating Lesion Mimicking Low-Grade Astrocytoma with a T2/FLAIR Mismatch Sign: A Case Report and Review of the Literature . Diagnostics, 15(24), Article 3174.	3.3
13. Maresova, P., Komarkova, L., Truhlarova, Z., & Tomsone, S. et al. (2025). Influence of mobility and technological factors of mobility on the quality of life of older adults: An empirical study focused on mobility as a mediator . Journal of Transport and Health, 42, Article 102015.	3.3

14. Azimi, M. (2025). [From Spatial Patterns to Prognosis: Decoding Single-Cell Architecture in Cancer with Hyperplex Immunofluorescence Imaging](#). Journal of Cancer, 16(12), 3654-3663. 3.2
15. Saviča, V., Sīle, L., & Taube, M. (2025). [Case Report: A possible association between significant dissociations after esketamine treatment and histrionic personality disorder](#). Frontiers in Psychiatry, 16, Article 1666781. 3.2
16. Lismane, D., Vilīte, D., Raudeniece, J., & Laizāne, L. et al. (2026). [Subjective Assessment of Physical and Mental Fatigue Does Not Predict Objective Decline of Cognitive Functions After Ultra-Endurance Race \(Veloreality\)](#). European Journal of Sport Science, 26(1), Article e70104. 3.0
17. Āboliņš, V., Cuadra, C., Kalve, I., & Vanadziņš, I. (2026). [Impact of carpal tunnel syndrome on multidigit synergies and anticipatory synergy adjustments](#). Neuroscience, 592, 212-222. 2.8
18. Davidoviča, A., Semjonova, G., Kataševs, A., & Okss, A. et al. (2026). [Evaluation of DAid® Smart Socks for Foot Plantar Center of Pressure Measurements in Football-Specific Tasks: A Preliminary Validation Study](#). Healthcare (Basel, Switzerland), 14(1), Article 76. 2.7
19. van Vliet, E. D., Buhl, C., Jacobsen, R., & Andersen, A. et al. (2025). [Perspectives on the impact of regulatory measures on national COVID-19 vaccination programs: a qualitative study from six EU member states](#). Journal of Pharmaceutical Policy and Practice, 18(1), Article 2576620. 2.5
20. Gaile, M., Skrīvele, S., Larsson, P., & Radziņš, O. et al. (2025). [Development and Validation of the Latvian Version of the Orofacial Esthetic Scale in Dental Patients with Aesthetic, Functional and No Treatment Needs](#). Medicina (Lithuania), 61(12), Article 2180. 2.4
21. Ročāns, R. P., Zarins, J., Bine, E., & Mahauri, I. et al. (2025). [Early Postoperative Increase in Transforming Growth Factor Beta-1 Predicts Microvascular Flap Loss in Reconstructive Surgery: A Prospective Cohort Study](#). Medicina (Lithuania), 61(5), Article 863. 2.4
22. Mālkalne, A., Bondare-Ansberga, V., Hartmane, I., & Mikažāns, I. et al. (2025). [Effects of Immunomodulatory Therapy on the Skin Barrier Function in Patients with Psoriasis Vulgaris](#). Medicina (Kaunas, Lithuania), 61(11), Article 2070. 2.4
23. Falk Johansson, M., Taei, A., McCarthy, L., & Gustavsson, C. et al. (2025). [Instruments for assessing social support in social networks and in the self-management and rehabilitation process of persons poststroke: a scoping review protocol](#). BMJ Open, 15(10), Article e106975. 2.3
24. Šķestere, L. (2025). [Pulling a rabbit out of a hat: News agency's agenda-setting power in Latvia](#). Online Journal of Communication and Media Technologies, 15(4), Article e202537. 2.1
25. Barratt, M., Lewis, P., Duckworth, N., & Jojo, N. et al. (2025). [Parental Experiences of Quality of Life When Caring for Their Children with Intellectual Disability: a Meta-Aggregation Systematic Review](#). Journal of Applied Research in Intellectual Disabilities, 38(1), Article e70005. 1.9
26. Vītoļiņa, U. L., Krūmiņš, J., Teterovska, R., & Bārzdiņa, A. et al. (2026). [Latvian Herbal Medicines Under the Infrared Lens: An FTIR-ATR Dataset](#). Data in Brief, 64, Article 112378. 1.4

27. Solodjankina, A., & Pastare, D. (2025). [Differentiating primary angiitis of the central nervous system from paraneoplastic neurological syndrome](#). BMJ Case Reports, 18(10), Article e266850.
28. Fernando , W. S. A. V., David, A., Cianci, N., & Sevchenko, A. et al. (2025). [Psychoactive Substance Use and Its Association with Mental Health Symptomatology Among Latvian Medical Students: A Cross-Sectional Study](#). International Journal of Environmental Research and Public Health, 22(12), Article 1806.