

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

Article, Review Article	Journal Impact factor (JIF 2024)
1. Montagna, G., Alvarado, M., & Myers, S. et al. (2026). Oncological outcomes with and without axillary lymph node dissection in patients with residual micrometastases after neoadjuvant chemotherapy (OPBC-07/microNAC): an international, retrospective cohort study . <i>The Lancet Oncology</i> , 27(1), 57-67.	35.9
2. Flensted-Jensen, M., Weinreich, C. M., Kleis-Olsen, A. S., & Hansen, F. et al. (2026). Resistance-based training improves mitochondrial capacity and redox balance in aging adults, independent of polyphenol supplementation . <i>Redox Biology</i> , 89, Article 103972.	11.9
3. Jurgelane, I., Egle, K., Grava, A., & Galkina, D. et al. (2025). Exploring the effects of cannabidiol encapsulation in liposomes on their physicochemical properties and biocompatibility . <i>Drug Delivery</i> , 32(1), Article 2460666.	8.1
4. Ferro, C. J., Wanner, C., Luyckx, V., & Stevens, K. et al. (2025). ABCDE to identify and prevent chronic kidney disease: A call to action . <i>Nephrology Dialysis Transplantation</i> , 40(9), 1786-1798.	5.6
5. Bista, S., Brangulis, K., Bhattachan, B., & Foor, S. D. et al. (2026). Targeting of interaction between BB0323-BB0238 informs new paradigms in Lyme disease therapeutics . <i>PLoS Pathogens</i> , 22(1), e1013805.	4.9
6. Erta, G., Gersone, G., Jurka, A., & Tretjakovs, P. (2026). Salivary amylase activity: A potential modulator of glucose homeostasis, insulin secretion, and appetite regulation . <i>Journal of Nutritional Biochemistry</i> , 148, Article 110154.	4.9
7. Cuocolo, R., Bernardini, D., Pinto Dos Santos, D., Akinci D'Antonoli, T., Semedo, L. C., Decoster, R., Huisman, M., Kotter, E., Martí-Bonmatí, L., Minoiu, C., Neri, E., Nikolaou, K., Radziņa, M., Sala, E., Shelmerdine, S. C., Topff, L., Williams, M. C., & European Society of Radiology (ESR) (2025). AI medical device post-market surveillance regulations: consensus recommendations by the European Society of Radiology . <i>Insights into Imaging</i> , 16(1), Article 275.	4.5
8. Bunka, L., Rozenberga, M., Silamiķelis, I., & Saksis, R. et al. (2025). Dual-approach analysis of gut microbiome in patients with type 1 diabetes and diabetic kidney disease . <i>Annals of Medicine</i> , 57(1), Article 2531254.	4.3
9. Solovyov, D., Porfiryeva, N. N., Awad, R., & Tornaci, S. et al. (2025). Natural Powerhouse Duo: Hierarchical Levam Hydrogels with Nanoencapsulated Cannabidiol as Local Delivery Systems . <i>Pharmaceutical Research</i> , 42(12), 2291-2307.	4.3
10. Flintere-Flinte, A., Urbanovics, D., Mironovs, S., & Berzina, S. et al. (2025). Clinical and electrophysiological study of polyneuropathy in patients with multiple sclerosis . <i>Scientific Reports</i> , 15(1), Article 40293.	3.9
11. Volgemute, K., Ulme, G., Ābele, A., & Vazne, Z. et al. (2026). Multi-factorial profiling of athletes integrating personality, psychological skills, and Psychophysiological performance indicators . <i>Scientific Reports</i> , 16, Article 4949.	3.9
12. Rizzuto, V., Laurino, M., Montanari, R., & Gemignani, A. et al. (2025). Pupillary Hippus as a Biomarker: Spectral Signatures and Complexity Approaches in Autonomic and Clinical Contexts . <i>Bioengineering</i> , 12(12), Article 1376.	3.7

13. Štrumfa, I., Vīksna, L., Koļesova, O., & Vanaga, I. et al. (2026). [Morphological and Immunohistochemical Characteristics of Liver Inflammation in Patients with a History of COVID-19](#). *Viruses*, 18(1), Article 68. 3.5
14. Miró, J., Sánchez-Rodríguez, E., Jensen, M. P., & Liossi, C. et al. (2026). [Outcome Assessment in Children and Adolescents With Chronic Pain: An International Clinical Practice Survey](#). *European Journal of Pain*, 30(1), Article e70216. 3.4
15. Skrūzkalne, I., Nagle, E., Senkāne, S., & Rajevska, O. et al. (2026). [Psychosocial Work Factors, Well-Being, and Health Pathways to Sickness Absence: An Integrated GLM–SEM Approach](#). *Administrative Sciences*, 16(1), Article 7. 3.1
16. Gillesberg Lassen, S., Harder, T., Dudareva, S., & Stark, K. et al. (2026). [Adherence to hepatitis B vaccination recommendations for children and adolescents aged 3 to 17 years in Germany, 2014-2017: results from a cross-sectional national population-based study](#). *BMC Infectious Diseases*, 26(1), Article 177. 3.0
17. Ptaņņuka, M., Lazdane, I., Fokins, V., & Koļesova, O. et al. (2026). [A 10-Year Study on Percutaneous Cholecystostomy for Acute Cholecystitis at a Tertiary Referral Hospital](#). *Journal of Clinical Medicine*, 15(2), Article 413. 2.9
18. Lapiņa, L., Kaņņepa, A., Zolovs, M., & Buttgerreit, T. et al. (2025). [Adaptation and Linguistic Validation of Angioedema PROMs in Latvian for Assessing Recurrent Angioedema](#). *Journal of Clinical Medicine*, 14(4), Article 1375. 2.9
19. Lazareva, M., Renemane, Ļ., Cīpare, S., & Rubene-Kesele, L. et al. (2026). [Mapping Postpartum Depression in Latvia: Prevalence and Associated Factors Among Women Receiving Outpatient Care](#). *Journal of Clinical Medicine*, 15(3), 946. 2.9
20. Lobanovs, S., Aleksejeva, J., Rūtiņa, A. K., & Krustiņš, E. et al. (2025). [Machine learning in gastrointestinal endoscopy: challenges and opportunities](#). *BMJ Open Gastroenterology*, 12(1), Article e001923. 2.9
21. Kokina, B., Lapsovs, M., Roze, R., & Lace, B. et al. (2025). [Case Report: Severe hypertriglyceridaemia and multivessel coronary artery disease – management and plaque characteristics](#). *Frontiers in Cardiovascular Medicine*, 12, Article 1622667. 2.9
22. Kairys, A., Jurkuvenas, V., Skrūzkalne, I., & Mikuličiūtē, V. et al. (2025). [Longitudinal associations between psychological well-being and depressive symptoms among older adults in the Baltic states](#). *Frontiers in Psychology*, 16. 2.9
23. Jermolenko, G. F., Semjonova, G., Kļaviņa, A., & Dubiņina, E. et al. (2026). [Measurements and Digital Technology Solutions to Monitor Physical Activity in Patients With Pediatric Cancer: Scoping Review](#). *JMIR Cancer*, 12, Article e73889. 2.7
24. Bīlande, G., Mukāns, M., Troickis, I., & Kozlovskis, O. et al. (2026). [Short-term changes in des-acyl ghrelin following bariatric surgery](#). *Endocrine Connections*, 15(1), Article e250325. 2.8
25. Saha, N., Ngwabebhoh, F. A., Zandraa, O., & Chaudhuri, M. et al. (2025). [Self-Crosslinkable Bacterial Cellulose/Chitosan/Pectin Injectable Hydrogels: Design, Characterization and Preliminary Biological Performance](#). *Journal of Applied Polymer Science*, 142(45), Article e57752. 2.8
26. Cereļa-Boltunova, O., & Millere, I. (2026). [A Six-Month Observational Study of Nursing Workload in 14 Latvian Intensive Care Units Using the Nursing Activities Score](#). *Healthcare (Switzerland)*, 14(1), Article 134. 2.7

27. Nagle, E., Skrūzkalne, I., Senkāne, S., & Andersen, O. et al. (2026). [Sectoral Differences in Psychosocial Well-Being: The Role of Work Environment Factors Across Public Administration, Healthcare, Pharmaceutical, and Energy Services](#). Behavioral Sciences, 16(1), Article 157. 2.5
28. Roddate, M., Žukova, V., Grosmane, A., & Kauķe, G. et al. (2025). [Exploring rituximab for the treatment of refractory myasthenia gravis: a single-centre experience](#). BMJ Neurology Open, 7(2), Article e001130. 2.4
29. Ērglis, K., Kokina, B., Jēgere, S., & Mintale, I. et al. (2025). [Effects of a Novel Hippophae rhamnoides L. Seed Lipid Extract Formulation Obtained via Supercritical Carbon Dioxide Extraction on Reducing Residual Cardiovascular Risk in High-Risk Patients: A Pilot Study](#). Journal of Cardiovascular Development and Disease, 12(12), Article 478. 2.3
30. Schou-Juul, F., Serrat, R., Hinrichsen, C., & Szczesniak, D. et al. (2026). [Ethical Principles in European National Dementia Strategies: A Framework Analysis](#). Journal of Aging and Social Policy, 1-21. Article 2-s2.0-105028392552. 2.1
31. Vecvagare, A., Sārta, B., Rācene, L., & Kīse, L. et al. (2026). [Childbirth Experience Among Primiparous Women in Latvia Using Short-Quality from Patient's Perspective \(s-QPP\) Questionnaire and Childbirth Experience Questionnaire \(CEQ\)](#). Journal of Patient Experience, 13. 1.8
32. Zelčāne, E., Pipere, A., Vende-Kotova, K., & Mestere, A. et al. (2026). [Psychosocial risk factors for depression and anxiety in European postpartum women: A scoping review](#). European Journal of Midwifery, 10, 1 - 12. 1.7
33. Möllmann, A., Herwig, A., Johnen, A., & Rösch, J. et al. (2026). [Mental rotation of body- and non-body stimuli in body dysmorphic disorder](#). Journal of Obsessive-Compulsive and Related Disorders, 48, Article 100996. 1.5
34. Ogliari, G., Masud, T., & Herghelegiu, A. M. et al. (2025). [Educational Needs in Geriatric Medicine Among Health Care Professionals and Medical Students in COST Action 21122 PROGRAMMING: Mixed-Methods Survey Protocol](#). JMIR research protocols, 14, Article e64985. 1.5
35. Eisen, M., Gradauskiene, B., Grigaitiene, J., & Hartmane, I. et al. (2025). [Burden of Disease and Treatment Patterns in Adults with Atopic Dermatitis from the Baltic Region: Real-World Data from the ESSENTIAL AD Cross-Sectional Study](#). Medicina , 62(1), Article 84. 2.4
36. Čistjakovs, M., Sokolovska, L., Lesina-Korne, B., & Murovska, M. et al. (2026). [Co-Occurrence of High-Risk Human Papillomavirus and Herpesviruses Infections in Female Kidney Transplant Recipients: A Prospective One-Year Study](#). Medicina (Kaunas), 62(1), Article 149. 2.4
37. Krūmiņa, A., Zeltiņa, I., Simsone, P., & Eulitz, E. et al. (2026). [Mechanisms of Pseudomonas aeruginosa Resilience Against Antibiotic Treatment and Outlooks of Emerging Treatment Strategies](#). Medicina (Kaunas), 62(1), Article 163. 2.4
38. Titovs, A., Šilovs, A., Kaļva, K., & Platkājis, A. et al. (2026). [Quantifying White Matter Hyperintensities: Automated Volumetry Compared with Visual Grading Scales](#). Medicina (Kaunas), 62(1), Article 60. 2.4
39. Bīlande, G., Arisova, M., Mukāns, M., & Troickis, I. (2025). [Six-Month Quality of Life and Health Outcomes After Bariatric Surgery: A Prospective Cohort Study from Latvia](#). Medicina, 61(12), Article 2238. 2.4

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41. Kudeikina, I., & Kaija, S. (2025). [Legal Regulation of Building Energy Efficiency and Housing Rights: Balancing Sustainability and Social Justice](#). EUROPEAN JOURNAL OF SUSTAINABLE DEVELOPMENT, 14(4), 1-17. 0.7
42. Kameņeckā-Usova, M., Lejniece, I., & Žīdens, J. (2025). [Playing it safe: legal and economic dimensions of sport event security](#). Baltic Journal of Economic Studies, 11(5), 1-15. 0.6
43. Wells, J. S., Scheibein, F., Palese, A., & Barać, I. et al. (2025). [An exploratory survey of the digital technology readiness of the health care workforce across nine EU member states](#). Pielęgniarstwo XXI Wieku, 24(4), Article 0037. 0.4
44. Prasko, J., Ociskova, M., Krone, I., & Abeltina, M. et al. (2025). [Concept of the inner supervisor in cognitive behavioral therapy and schema therapy](#). Activitas Nervosa Superior Rediviva, 67(4), 1-17. 0.2
45. Gromova, A., Šuriņa, S., Seņkāne, S., & Ortega, J. L. et al. (2026). [Academic and social impact of creative arts therapies research \(2017–2022\): a Scopus-based bibliometric and altmetric study](#). Social Sciences and Humanities Open, 13, Article 102408.
46. Gostilo, D., & Jākobsonsone, G. (2025). [Criteria and prognostic factors for survival and success rates for autotransplantation in the area of first and second molars: a systematic review and meta-analysis](#). Swiss dental journal, 135(1), 145-174.
47. Fedirko, P., Babenko, T. F., Pilmane, M., & Medvedovska, N. V. et al. (2025). [Current achievements and topical issues in radiation ophthalmology: post-Chernobyl experience](#). Problemy Radiatsiinoi Medytsyny ta Radiobiologii, 30, 126-142.
48. Brūvere, D. D., & Bernāns, E. (2025). [Mechanisms, Economy, and Performance of Advanced Footwear Technology in Endurance Running—A Review](#). Muscles, 5(2).
49. Mikilps-Mikgelbs, R., Aksjutins, F., Aleksejeva, E., & Bināns, H. et al. (2026). [Minimally invasive management of a centrally located pulmonary aspergilloma in an adolescent patient](#). Multimedia manual of cardiothoracic surgery : MMCTS, 2026.
50. Boobani, B., Grants, J., Vazne, Ž., & Volgemute, K. et al. (2026). [Preliminary Latvian RESTQ-76 for Athletes: A Tool for Recovery—Stress Monitoring and Health Promotion](#). Sci, 8(1), 1-13. Article 1.
51. Freiberga, A., Ilgaza, A., Jonova, S., & Eglite, S. et al. (2025). [The effects of microalgae \(Tetrademus obliquus, Spirulina platensis and Chlorella vulgaris\) on the nutritional profile of broiler meat](#). Agronomy Research, 23(3), 1476-1491.
52. Mihailovs, I. J., & Kudeikina, I. (2025). [The interaction between creativity and law: artistic freedom and public interest in Latvia](#). Culture Crossroads, 31, 41 – 57.
53. Siliņš, I., Aksjutins, F., Bināns, H., & Mahmajeva, O. et al. (2025). [Uniportal video-assisted thoracoscopic surgery: left S6 sleeve segmentectomy](#). Multimedia manual of cardiothoracic surgery : MMCTS, 2025.
54. Mikilps-Mikgelbs, R., Bināns, H., Gaidukova, M., & Mahmajeva, O. et al. (2026). [Uniportal video-assisted thoracoscopic surgery left upper lobe apicoposterior segmentectomy \(S1+2\): Step-by-step Surgery with 3-dimensional planning](#). Multimedia manual of cardiothoracic surgery : MMCTS, 2026.