

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

Article, Review Article	Journal Impact factor (JIF 2024)
1. Dunican, C., Wilson, C., & Habgood-Coote, D. et al. (2026). <a href="#">Predicting trajectories of illness using RNA velocity of whole blood</a> . Nature Communications, 17(1), Article 3652.	15.7
2. Kampa, L., Mälberg, K., Arnberg, L., & Åkerström, J. et al. (2026). <a href="#">Longitudinal trends of dumping syndrome after oesophageal cancer surgery</a> . Clinical Nutrition, 61, Article 106682.	7.4
3. Volgemute, K., Ulme, G., & Vazne, Z. (2026). <a href="#">Predictors of Latent Reaction Speed in Athletes: The Role of Performance Level and Stress Tolerance at Different Competitive Levels</a> . Sports Medicine - Open, 12(1), 1-17. Article 49.	5.9
4. Paulausks, A., Iljičevs, A., Bernatoniene, J., & Pētersone, L. et al. (2026). <a href="#">Predicting Drug Loading Capacity for PLA-Amorphous Drug System Using Hansen Solubility Parameters</a> . Pharmaceutics, 18(3), Article 396.	5.5
5. Hoekstra, M. W. F., Boenink, R., Bonthuis, M., & Boerstra, B. A. et al. (2026). <a href="#">The ERA Registry Annual Report 2023: epidemiology of kidney replacement therapy in Europe, with a focus on age comparisons</a> . Clinical Kidney Journal, 19(5), Article sfag036.	4.6
6. Masiliūnas, R., Zaboras, E., Šumskienė, V., & Jurjāns, K. et al. (2026). <a href="#">Cross-national differences in stroke management in the Baltic states: analysis within the Stroke Action Plan for Europe framework</a> . European Stroke Journal, 11(5), 1-8, aakag050.	4.5
7. Brecs, I., Skuja, S., Svirskis, Š., & Jain, N. et al. (2026). <a href="#">Computed Tomography-Based Morphometric Analysis of the Ascending Aorta in Acute Type A Dissection Beyond Diameter-Based Thresholds: A National Cohort Study from Latvia</a> . Medical sciences (Basel, Switzerland), 14(2), Article 204.	4.4
8. Ramani, R., Jones, B., Chaurasia, A., & Khazaei, Y. et al. (2026). <a href="#">Knowledge and Awareness of Performance Metrics in Dental Image Analysis with Artificial Intelligence: A Cross-Sectional Survey of Researchers and Clinicians</a> . International Dental Journal, 76(4), Article 109566.	3.7
9. Gopinath, V. K., Govindaraju, L., Pulikkotil, S. J., & Narasimhan, S. et al. (2026). <a href="#">Methodological Quality of Umbrella Reviews in Paediatric Dentistry: A Cross-Sectional Study</a> . International Dental Journal, 76(3), Article 109502.	3.7
10. Sokolova, E., Goetz, O., Grünberga, K., & Sen, S. E. et al. (2026). <a href="#">Integrating Patient-Reported Outcomes into Clinical Pathways in Atrial Fibrillation: A Framework Aligned with the AF-CARE Model</a> . Diagnostics, 16(9), Article 1398.	3.3
11. Zālīte, S., Čudare, K., Vērzemnieks, K., & Pavlovičs, S. et al. (2026). <a href="#">Juvenile Nasopharyngeal Angiofibroma in an Adult Patient: A Rare Presentation with Fahr Syndrome and Multiple Comorbidities—A Case Report and Literature Review</a> . Diagnostics, 16(9), Article 1327.	3.3
12. Dolguševs, M., Jain, N., Savicka, O., & Vangravs, R. et al. (2026). <a href="#">Determinants of Antimicrobial Resistance in Acinetobacter baumannii Isolates From Intensive Care Patients in Latvia</a> . International Journal of Microbiology, 2026(1), Article 5526340.	3.2
13. Prasko, J., Gecaite-Stonciene, J., Abeltina, M., & Ociskova, M. et al. (2026). <a href="#">Integrating Existential Perspectives into Schema Therapy: A Conceptual Framework with Clinical Illustrations</a> . Psychology Research and Behavior Management, 19, Article 595379.	3.2
14. Teplitzky, X., Schwendicke, F., Neimane, L., & Gostilo, D. et al. (2026). <a href="#">Progressive health states and transition probabilities in pediatric dental caries: a systematic review of current evidence and research gaps</a> . Frontiers in Oral Health, 7, Article 1739276.	3.1
15. Teplitzky, X., Gostilo, D., Tsilingaridis, G., & Hamza, B. et al. (2026). <a href="#">State-transition and simulation-based modeling approaches for simulating the progression of dental caries: a scoping review</a> . Frontiers in Oral Health, 7, Article 1791208.	3.1

16. Bokvalde, Z., Domokejeva, E., & Neimane, L. (2026). [Association Between the Spheno-Occipital Synchronosis and Mandibular Condyle Periphery Maturation in Relation to Chronological Age](#). *Dentistry Journal*, 14(5), Article 298. 3.1
17. Lazovska, M., Gudrā, D., Gailīte, L., & Fodina, V. et al. (2026). [Genome-wide fragmentomics of seminal-plasma cell-free DNA by low-coverage WGS reveals signatures linked to spermatogenic activity](#). *Genomics*, 118(3), Article 111241. 3.0
18. Semjonova, G., Vallejo-Martínez, R., Ceballos-Laita, L., & Jiménez-del-Barrio, S. et al. (2026). [Functional Biomechanical Tests of the Foot and Ankle in Physiotherapy and Sports—Outcome Measures, Wearable Sensor Integration, and Psychometric Properties: A Systematic Review](#). *Journal of Clinical Medicine*, 15(10), Article 3892. 2.9
19. Prikule, I., Bāgante, I., Radziņš, O., & Šalms, Ģ. (2026). [Impact of In-House 3D-Printed Models on Re-Operation Rates and Volumetric Precision in Orbital Floor Reconstruction: A Comparative Study](#). *Journal of Clinical Medicine*, 15(8), Article 2822. 2.9
20. Nemme, N., Balodis, A., Klibus, M., & Sabeļņikovs, O. et al. (2026). [Manual Therapy-Associated Dural Tear Causing Intracranial Hypotension Treated with an Epidural Blood Patch: A Case Report](#). *Journal of Clinical Medicine*, 15(10), Article 3860. 2.9
21. Būce-Šatoba, I., Krūmiņa, G., & Ozoliņa, A. (2026). [The Impact of Near-Infrared Spectroscopy in Early Detection of Cerebral Deterioration After Aneurysmal Subarachnoid Haemorrhage](#). *Journal of Clinical Medicine*, 15(4), Article 1349. 2.9
22. Rubene-Kesele, L. (2026). [Implementation Burden and Hidden Labor in a Multisite Digital Psychiatry Trial](#). *Healthcare (Basel, Switzerland)*, 14(11), Article 1430. 2.7
23. Burceva, M., Vinogradova, V. V., & Rancāns, E. (2026). [The First Telementoring Programme in Latvia: A Qualitative Study of the “ECHO School of Psychiatry” for General Practitioners](#). *Healthcare (Switzerland)*, 14(8), Article 1044. 2.7
24. Pontaga, I., Liepa, A., Āboliņš, V., & Sinulingga, A. R. et al. (2026). [Changes in Balance Performance and Its Determining Factors in the Lower Leg during the Competition Season in Adolescent Football Players](#). *Frontiers in Sports and Active Living*, 8, 1-16. 2.6
25. van der Have, O., Dunne, E., Tran-Lundmark, K., & Wacker, J. et al. (2026). [Current availability and status of paediatric cardiac transplantation and mechanical circulatory support in twenty-eight European countries](#). *European Journal of Pediatrics*, 185(5), Article 267. 2.6
26. Bode, M., Strance, Ģ., Kažoka, D., & Pilmane, M. (2026). [Epoxy Resin Mastery: Crafting Educational Models with Precision](#). *Applied Sciences (Switzerland)*, 16(8), Article 3673. 2.5
27. Ribačuka, S., Bankoviča, V., & Skadiņš, I. (2026). [Evaluation of Essential Oils as Potential Antimicrobial and Biofilm-Disrupting Agents](#). *Microbiology Research*, 17(4), Article 68. 2.2
28. Grāve, I., Rudzāte, A., Miklaševičs, E., & Gardovska, D. (2026). [Genetic Diversity of \*Aeromonas\* spp. Isolates from the Paediatric Population in Latvia Based on Multilocus Sequence Typing](#). *Children*, 13(1), Article 111. 2.1
29. Bergmane, B., Klavina, A., Zolovs, M., & Gorbacevska, D. (2026). [Hepatic Morphological Lesions and Blood Biochemical Evidence of Impaired Metabolism in Wild European Moose \(\*Alces alces\*\) Naturally Infected With \*Parafasciolopsis fasciolaemorpha\*](#). *Veterinary Medicine International*, 2026(1), Article 2171927. 2.0
30. Pūcīte, E., Teifurova, S., Tjurina, D., & Mednieks, J. et al. (2026). [Comparison of standard and extended 3-hour EEG in older adults with acute confusion](#). *Aging and Health Research*, 6(2), Article 100278. 2.0
31. Cara, O., & Puzo, I. (2026). [Caring at a Distance: Digital Anchors and the Relational Work of Academic Mobility](#). *Social Inclusion*, 14, Article 12226. 1.2
32. Prasko, J., Ociskova, M., Krone, I., & Vanek, J. et al. (2026). [Developing kind parent mode in schema therapy and supervisions](#). *Neuro endocrinology letters*, 47(2), 103-115. 0.6

33. Prasko, J., Ociskova, M., Visnovsky, J., & Krone, I. et al. (2026). ["I am Borderline": Psychiatric Diagnosis, Identity, Self-Presentation, and Digital Culture in Borderline Personality Disorder](#). *Neuro endocrinology letters*, 47(1), 37-52. 0.6
34. Prasko, J., Vanek, J., Pasztor, J., & Krone, I. et al. (2026). [Training Communication Skills and Mentalization in Group Schema Therapy for Patients with Borderline Personality Disorder](#). *Neuro endocrinology letters*, 47(1), 12-20. 0.6
35. Gritāne, K., Podoļska, K., Karelis, G., & Pastare, D. (2026). [Aggressive phenotype of multiple sclerosis, characterised by atypical initial symptoms and a fulminant clinical progression](#). *BMJ Case Reports*, 19(4), Article e268629. 0.5
36. Kreicberga, I., Rezeberga, D., Miskova, A., & Vardanyan, R. et al. (2026). [Comparison of Radiant Heat Flux from a Large-Surface and Conventional Neonatal Warmer Using Standardized Black Body Placement](#). *New Armenian Medical Journal*, 20(1), 81-89. 0.2
37. Kreicberga, I., Rezeberga, D., Miskova, A., & Vardanyan, R. et al. (2026). [COMPARISON OF THERMAL CONDITIONS UNDER A COMMERCIAL NEONATAL RADIANT WARMER AND A NEWLY DEVELOPED LARGE-SURFACE RADIANT WARMER](#). *New Armenian Medical Journal*, 20(1), 90-101. 0.2
38. Martynova, J., Rozenšteina, K., Liepins, J., & Kokina, A. et al. (2026). [Acetic Acid Stress Hampers Kluyveromyces marxianus Growth on Lactose](#). *Applied Microbiology*, 6(5), Article 61.
39. Feldmane, M., & Sūna, N. (2026). [Factors Affecting Insomnia and Excessive Daytime Sleepiness in Epilepsy Patients](#). *Proceedings of the Latvian Academy of Sciences, Section B: Natural, Exact, and Applied Sciences*, 80(1/2), 21-27.
40. Neimanis, J. (2026). [Fundamental rights under geopolitical pressure: The limits of restricting freedoms in democracies bordering authoritarian or totalitarian regimes](#). *SOCRATES. Rīgas Stradiņa universitātes Juridiskās fakultātes elektroniskais juridisko zinātnisko rakstu žurnāls / SOCRATES. Rīga Stradiņš University Faculty of Law Electronic Scientific Journal of Law*, 34(1), 1-7.
41. Bondarenko, L., Kalachinskaya, M., Bogomolova, O., & Mackēvičs, V. et al. (2026). [Specificity of Pharmacological and Toxicological Studies on Juvenile Animals](#). *Innovative Biosystems and Bioengineering*, 10(1), 27-36.
42. Neimanis, J. (2026). [The criterion of the sufficiency of legal reasoning in decisions of the panels of the constitutional court and its significance for ensuring the effectiveness of legal protection](#). *SOCRATES. Rīgas Stradiņa universitātes Juridiskās fakultātes elektroniskais juridisko zinātnisko rakstu žurnāls / SOCRATES. Rīga Stradiņš University Faculty of Law Electronic Scientific Journal of Law*, 34(1), 35 - 44.