

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

Article, Review Article	Journal Impact factor (JIF 2024)
1. Kapp, P., Siemens, W., Gorenflo, L., & Schulz, H. et al. (2026). Effectiveness, immunogenicity and safety of human papillomavirus vaccination in non-HIV immunocompromised individuals: a systematic review . <i>EClinicalMedicine</i> , 94, Article 103865.	10.0
2. Meyer-Lindemann, U., Borbil, K., Schwab, M., & Moggio, A. et al. (2026). Exercise Reverses Mental Stress-Induced Vascular Inflammation and Builds Stress Resilience . <i>JACC: Basic to Translational Science</i> , 11(5), Article 101536.	7.2
3. Tanriover, M. D., Heininger, U., Çiftçi, E., & Drăgănescu, A. C. et al. (2026). The Ongoing Challenge of Pertussis in Eastern and Northern Europe: Recommendations from the Global Pertussis Initiative . <i>Infectious Diseases and Therapy</i> , 15(5), 1175-1201.	5.3
4. Kordyl, O., Białek, A., Długaszewska, J., & Kamińska, D. et al. (2026). Fabrication and characterization of Voriconazole-loaded dissolving microneedle systems: a synergistic approach combining 3D printing and vacuum compression molding . <i>International Journal of Pharmaceutics</i> , 697, Article 126858.	5.2
5. Pētersone, L., Mahinovs, R., Horvath, Z. M., & Mohylyuk, V. (2026). A Green Innovative Approach for Solubility Enhancement of Poorly Water-Soluble Drugs Using Choline Chloride-Polyol Eutectic Solvents . <i>International Journal of Molecular Sciences</i> , 27(7), Article 3110.	4.9
6. Biserova, K., & Štrumfa, I. (2026). Glioblastoma Stem Cells and Tumour Microenvironment: Interactions Across Hypoxia, Vasculature and Immune Modulation . <i>International Journal of Molecular Sciences</i> , 27(6), Article 2557.	4.9
7. Lacis, D., Rucins, M., Pikun, N., & Muhamadejevs, R. et al. (2026). Design, Synthesis, and Self-Assembly of Amphiphilic 1,4-Dihydropyridines Containing Branched Ester Moieties . <i>Molecules</i> , 31(7), Article 1161.	4.6
8. Janceva, S., Pētersone, L., Zaharova, N., & Schastnaja, K. et al. (2026). Valorization of Sea Buckthorn, Black Chokeberry, and Black Currant Branch Biomass as a Novel Source of Bioactive Oligomeric Proanthocyanidins . <i>Plants</i> , 15(3), Article 472.	4.1
9. Langhoff, L., Kapfer, P., Röttgerding, F., & Margos, G. et al. (2026). Natural genetic variation impacts complement inhibitory activity of PFam54 orthologs of Asian <i>Borrelia bavariensis</i> . <i>Scientific Reports</i> , 16(1), Article 9080.	3.9
10. Kakare, D., Sokolovska, L., Zolovs, M., & Murovska, M. et al. (2026). Presence of EBV and HHV-7 Genomic Sequences in Saliva and Virus-Specific Antibodies in Sera of Oral Lichen Planus and Aphthous Stomatitis Patients: A Comparative Observational Study . <i>Viruses</i> , 18(5), Article 506.	3.5
11. Pjanova, D., & Rafeeque, A. (2026). SARS-CoV-2 Infection and Vaccination, Immune Dysregulation, and Cancer . <i>Vaccines</i> , 14(3), Article 255.	3.4
12. Arāja, D., Murovska, M., Krūmiņa, A., & Eory, A. et al. (2026). Digital Approaches for Managing Brain Fog in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome (ME/CFS): Interventions, Monitoring, and Future Directions . <i>Life</i> , 16(4), Article 571.	3.4
13. Kārkle, A., Siliņa, K., Akota, I., & Krūmiņa, A. et al. (2026). Oral dirofilariasis mimicking endodontic failure: a case report . <i>BMC Oral Health</i> , 26(1), Article 549.	3.1

14. Oppici, L., Hestetun-Mandrup, A. M., Pacheco, M. M., & Simonsen, E. H. et al. (2026). [Strengths, limitations, and way forward of home-based rehabilitation practices after stroke: a scoping review](#). BMC Health Services Research, 26(1), Article 447. 3.0
15. Khadilkar, S., Divikar, H., Benedetto, C., & Genazzani, A. et al. (2026). [FIGO best practice recommendations for the mental health of women at menopausal age](#). International Journal of Gynecology and Obstetrics, 173(2), 588-601. 2.6
16. Strazdiņa, E., Perepjolkina, V., Upmale-Puķīte, A., & Akmane, E. et al. (2026). [Developing a Protocol-Based Expressive Therapies Continuum Assessment Profile \(ETC-AP: Current Achievements and Future Perspectives](#). Behavioral Sciences, 16(5), Article 640. 2.5
17. Grabovska, D., Balodis, A., Buss, A., & Ratniece, M. et al. (2026). [Hypoperfusion Intensity Ratio as an Independent Predictor of Functional Outcome After Mechanical Thrombectomy for Large Vessel Occlusion Stroke](#). Medicina (Kaunas), 62(4), Article 731. 2.4
18. Lazareva, M., Renemane, Ļ., Vinogradova, V. V., & Cīpare, S. et al. (2026). [Postpartum Depression Screening in Latvia: Validation and Optimal Cut-Off of the Edinburgh Postnatal Depression Scale](#). Medicina, 62(4), Article 668. 2.4
19. Lagergren, P., Kampa, L., Mälberg, K., & Jebiril, W. et al. (2026). [Prediction of dumping after oesophageal cancer surgery](#). Acta Oncologica, 65, 186-192. 2.2
20. Čaikovska, L., Zemītis, A., Veitners, A., & Meidropa, L. et al. (2026). [Serum Alpha-1-Antitrypsin and Folic Acid as Biomarkers for Glaucoma Risk](#). Clinical Ophthalmology, 20, Article 589967. 2.2
21. Jonova, S., Plivca, A., Freiberga, A., & Gorbacevska, D. et al. (2026). [The Effects of Supplementation of Chlorella vulgaris Biomass on Egg Production and Composition of Laying Hens](#). Veterinary Medicine and Science, 12(3), Article e70938. 1.7
22. Petrova, L., Ustiča, J., & Čēma, I. (2026). [Dentinogenesis Imperfecta in Primary Dentition: Case Report](#). Reports, 9(2), Article 115. 0.6
23. Zeltina, E., Krastina, J., Būce-Šatoba, I., & Zelve, Z. et al. (2026). [From sore throat to sepsis: unmasking life-threatening Lemierre syndrome](#). BMJ Case Reports, 19(4), Article e269553. 0.5
24. Plotniece, M., Arule, K., Pajuste, K., & Plotniece, A. et al. (2026). [2-\(3',5'-Bis\(\(dodecyloxy\)carbonyl\)-2',6'-dimethyl-1',4'-dihydro-\[3,4'-bipyridin\]-1-ium-1-yl\)-1,3-dioxo-2,3-dihydro-1H-inden-2-ide](#). MolBank, 2026(1), Article M2133. 0.4