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

	Article, Review Article	Journal Impact factor (JIF 2025)
1.	Hoheisel, A., Fähndrichc, S., Saliņa, A., & Papakonstantinou, E. et al. (2026). Bronchodilator reversibility, body plethysmographic phenotypes, and mortality in patients with COPD or PRISm. European Respiratory Journal, 67(3), Article 2501760.	23.9
2.	Dechantsreiter, E., Padberg, F., Benjamini, Y., & Goerigk, S. et al. (2026). Home Transcranial Direct Current Stimulation With Gamified Cognitive Control Training for Depression: A Randomized Clinical Trial. JAMA network open, 9(10), Article e2639400.	11.7
3.	Bode, H., Suwala, A. K., Gudenas, B., & Fürst, A. et al. (2026). Identification and characterization of a novel distinct Pineal Neoplasm with Neuroendocrine and Epithelial Differentiation (PINNED). Acta Neuropathologica, 152, Article 62.	10.3
4.	Peiseniece, E., Rozevska, M., Arnite, V., & Rascon, J. et al. (2026). Case report: Maternal engraftment of T-cells in a patient with Severe Combined Immunodeficiency due to DCLRE1C pathogenic variant - diagnostic and treatment challenges. Frontiers in Immunology, 17, Article 1892927.	7.0
5.	Rone, A. E., Junga, A., Akota, I., & Pilmane, M. (2026). Non-Syndromic or Anomaly-Associated Genes (MYH3, GREM1, IRF6) and Their Proteins in Unilateral Right Cleft Tissue. International Journal of Molecular Sciences, 27(10), Article 4158.	5.6
6.	Bariševs, M. (2026). Special Issue: Prostate Cancer Research Update: Molecular Diagnostic Biomarkers. International Journal of Molecular Sciences, 27(20), Article 9311.	5.6
7.	Gavars, D., Meija, R., Volkova, M., & Sarakovskis, A. et al. (2026). In-situ SEM evaluation of single-nanowire response in CuO–Cu2O–ZnO nanowire arrays for infrared energy harvesting. Scientific Reports, 16(1), Article 27598.	4.9
8.	Bukova-Žideļūna, A., Villeruša, A., & Sakkeus, L. (2026). Frailty and decline in independent living in older adults: differences between the Baltic and Nordic countries. BMC Geriatrics, 26(1), Article 1241.	4.5
9.	Reine, I., Koroļeva, I., Aleksandrovs, A., & Mieriņa, I. (2026). Ageing across borders: psychological wellbeing, health and healthcare access among Latvian migrants in Europe. Frontiers in Psychology, 17, Article 1897187.	3.8
10.	Nurulfa, R., Kļaviņa, A., & Melczer, C. (2026). Extracurricular multilateral training incorporating cognitive–motor activities and its effects on motor proficiency, cognitive ability, and problematic internet use in adolescents. Frontiers in Psychology, 17, Article 1951541.	3.8
11.	Pleinica, S., Šuriņa, S., Semjonova, G., & Peleckis, G. et al. (2026). Interventions for developing selective and sustained attention in adolescent athletes: a scoping review. Frontiers in Psychology, 17, Article 1816887.	3.8
12.	Kairys, A., Zamalijeva, O., Sadauskaitė, R., & Guðmundsson, H. S. et al. (2026). Subjective age and retirement intentions as predictors of retirement status among 50+ adults. Frontiers in Psychology, 17, Article 1737289.	3.8
13.	Kazarina, A., Vaškevica, A., Senkāne, D. E., & Zayakin, P. et al. (2026). Salivary microbiome responses to chlorhexidine and Coriandrum sativum essential oil mouthwashes in patients with periodontitis in a randomized 2-week clinical trial. Clinical Oral Investigations, 30(10), Article 502.	3.6

14. Cabrera, L., Tafur, A., Guirado-Torrecillas, L., & Pedrajas, J. M. et al. (2026). Early outcomes after venous thromboembolism in Hispanic and non-Hispanic patients: insights from the Registro Informatizado de Enfermedad TromboEmbólica Registry. Research and Practice in Thrombosis and Haemostasis, 10(7), Article 106969. 3.5

15. Jansons, J., Zrelovs, N., Spridzane, A., & Nazarenko, M. et al. (2026). Complete Genomes of Human Papillomavirus Type 16 Viruses Isolated from Cases of Cervical Neoplasia and Squamous Cell Carcinomas Followed in Latvia in 2012–2024. Vaccines, 14(6), Article 517. 3.5

16. Radičuks, R., Bula-Biteniece, I., Boobani, B., & Jakovics, M. (2026). Improving Students' Digital Literacy in School Education: Insights and Practices from Physical Education Teachers. Education Sciences, 16(10), 1-27. Article 1596. 3.5

17. Ozola, A., Delijeva, G., & Strode, A. (2026). When Nature-Based Activities Become Participatory: Pedagogical Mediation of Young Children's Participation. Education Sciences, 16(10), Article 1639. 3.5

18. Gostilo, D., Teplitzky, X., Hamza, B., & Tsilingaridis, G. et al. (2026). Direct, Indirect, and Intangible Costs in the Management of Dental Caries in Children Under 18: A Systematic Review. Dentistry Journal, 14(9), Article 578. 3.4

19. Alomar, R., Polunosika, E., Karelis, G., & Pastare, D. (2026). Clinical characteristics, disability outcomes, and disease-modifying therapy patterns in late-onset multiple sclerosis: a single-center retrospective cohort study. Frontiers in Neurology, 17, Article 1966162. 3.3

20. Boobani, B., Grants, J., Makaruk, H., & Gierczuk, D. et al. (2026). Short-Term Recovery Interventions Using Cryosauna, Cold-Water Immersion, and Foam Rolling in Mixed Martial Arts Athletes: A Polish Pilot Study. Sports, 14(6), 1-13. Article 244. 3.2

21. Lazdovska, K., Baborikina, A., Krutovs, V., & Rozevska, M. et al. (2026). Hereditary and Non-hereditary Cerebellar Ataxias in Latvia: Six Years of Experience at the National Reference Centre (ERN-RND Affiliated Partner). Cerebellum, 25(5), Article 145. 3.1

22. Rēdliha, L., Semjonova, G., & Araka, L. (2026). Leveraging AI and Machine Vision in Telephysiotherapy for Promoting Physical Activity and Reducing Sedentary Behavior: Scoping Review. JMIR Rehabilitation and Assistive Technologies, 13, Article e80459. 3.1

23. Sokolovs-Karijs, O., Brīvība, M., Guevarra, R. B., & Rozenberga, M. et al. (2026). Differences in Adenoid Microbiome in Children with Otitis Media with Effusion and Children with Healthy Ears. Medicina (Kaunas), 62, Article 2092. 2.9

24. Grantiņa, L., Nagle, E., Zolovs, M., & Dosone, D. et al. (2026). Dissociation Between Symptom Burden and Structural Pathology in Patients Undergoing Upper Gastrointestinal Endoscopy: A Retrospective Single-Center Study Using Latent Class Analysis. Medicina (Kaunas), 62(10), Article 2035. 2.9

25. Kalniņa, D., Kupics, K., Rimdjonoka, R., & Urtāne, I. et al. (2026). Initial Experience with Standalone Thoracoscopic Left Atrial Appendage Occlusion Using AtriClip Pro2: A Single-Center Retrospective Cohort Study in Latvia. Medicina (Lithuania), 62(9), Article 1786. 2.9

26. Čupeca, H., Zeltiņa, I., Villeruša, A., & Savrasova, L. et al. (2026). Pneumococcal nasopharyngeal carriage, serotype distribution, and vaccination status in hospitalized children in Latvia: A cross-sectional study during the post-PCV13, pre-PCV15/PCV20 transition period. PLoS ONE, 21(9), Article e0359297. 2.8

27. Pikta, S., Vasiļjevs, D., Kupics, K., & Kalējs, O. et al. (2026). The Regionalization of High-Volume Cardiac Pacing: A Prospective Cohort Study on Safety, Feasibility, and the Learning Curve in a Geriatric Population. Clinical Cardiology, 49(10), Article e70479. 2.8

28. Val Danilovs, I., & Ābele, A. (2026). Biomimetic Neurostimulation for the Enhancement of Lower-Limb Explosive Performance: A Pilot Study . Journal of Functional Morphology and Kinesiology, 11(4), 1-23. 2.5

29. Kudeikina, I. (2026). The Best Interests of the Child and the Challenge of Digital Re-Victimization in Child Sexual Abuse Material (CSAM) Cases. Social Sciences, 15(9), Article 648. 2.0

30. Boobani, B., Grants, J., Litwiniuk, A., & Baj-Korpak, J. et al. (2026). Post-exercise foam rolling as a recovery strategy for performance outcomes in martial arts athletes: a pilot study from Latvian and Polish cohorts. Health Problems of Civilization, 20(2), 198-206. 0.4

31. Kalnača, A., Grīnberga, I., Kļava, G., & Kušnere, S. et al. (2026). Acquiring Advanced Latvian: A needs analysis of Level C learners, pedagogical resources, and system support. Studies About Languages, 48, 75-94.

32. Sardiko, A., Upeniece, I., & Vasiljeva, I. (2026). Changes in ANA/ENA and Anti-dsDNA Autoantibodies During Adalimumab Therapy in Patients with Psoriasis: A Single-Centre Retrospective Study. International Journal of Translational Medicine, 6(3), Article 35.

33. Plotņikovs, K., Movčans, J., Solomin, L. N., & Plaudis, H. et al. (2026). Experimental justification for the use of the artificial deformity creation method for the treatment of patients with extensive soft tissue defects. OTA International, 9(4), Article e514.

34. Kaķe, M., Bondare-Ansberga, V., Mikažāns, I., & Ščerbuks, M. et al. (2026). Localized Scleroderma (Morphea) Following Tick-Borne Encephalitis Vaccination in a Patient with Persistent Borrelia Infection: Histological–clinical Correlation. SN Comprehensive Clinical Medicine, 8(1), Article 437.