

The most important publications published on the RSU Research Portal in April 2024

Article, Review Article	Journal Impact Factor (IF)
1. Ulanova, V., Kivrane, A., Viksna, A., & Pahirko, L. et al. (2024). Effect of NAT2, GSTM1 and CYP2E1 genetic polymorphisms on plasma concentration of isoniazid and its metabolites in patients with tuberculosis, and the assessment of exposure-response relationships . <i>Frontiers in Pharmacology</i> , 15, Article 1332752.	5.6
2. Kivrane, A., Ulanova, V., Grinberga, S., & Sevostjanovs, E. et al. (2024). Exploring Variability in Rifampicin Plasma Exposure and Development of Anti-Tuberculosis Drug-Induced Liver Injury among Patients with Pulmonary Tuberculosis from the Pharmacogenetic Perspective . <i>Pharmaceutics</i> , 16(3), Article 388.	5.4
3. Somere, K., Munkevics, M., Krams, R., & Rača, G. et al. (2024). The effect of yin yoga intervention on state and trait anxiety during the COVID-19 pandemic . <i>Frontiers in Psychiatry</i> , 15, Article 1345455.	4.7
4. Maldupa, I., Innes, N., Viduskalne, I., & Brinkmane, A. et al. (2024). Clinical effectiveness/child-patient and parent satisfaction of two topical fluoride treatments for caries: a randomised clinical trial . <i>Scientific Reports</i> , 14(1), 1-11. Article 8123.	4.6
5. Zolotova, D., Teterovska, R., Bandere, D., & Lauberte, L. et al. (2024). Antidiabetic Properties of the Root Extracts of Dandelion (<i>Taraxacum officinale</i>) and Burdock (<i>Arctium lappa</i>) . <i>Plants</i> , 13(7), Article 1021.	4.5
6. Birnbaums, J. V., Ozoliņa, A., Solovjovs, L., & Glāzniece-Kagane, Z. et al. (2024). Efficacy of erector spine plane block in two different approaches to lumbar spinal fusion surgery: a retrospective pilot study . <i>Frontiers in Medicine</i> , 11, 01-09. Article 1330446.	3.9
7. Abdel-Moneim, A. S., Murovska, M., Söderlund-Venermo, M., & Vakharia, V. N. et al. (2024). WSV2023 - The second meeting of the world society for virology: One health - One world - One virology . <i>Virology</i> , 594, Article 110049.	3.7
8. Kārkle, A., Slaidiņa, A., Zolovs, M., & Vaškevica, A. et al. (2024). Comparative Analysis of Examination Methods for Periapical Lesion Diagnostics: Assessing Cone-Beam Computer Tomography, Ultrasound, and Periapical Radiography . <i>Diagnostics</i> , 14(7), Article 766.	3.6
9. Rozevska, M., Kaņepa, A., Puriņa, S., & Gailīte, L. et al. (2024). Hereditary or acquired? Comprehensive genetic testing assists in stratifying angioedema patients . <i>Allergy, Asthma & Clinical Immunology</i> , 20(1), 1-6. Article 28.	2.7
10. Ķimse, L., Reinis, A., Miķelsone-Jansone, L., & Gintere, S. et al. (2024). A Narrative Review of Psychobiotics: Probiotics That Influence the Gut–Brain Axis . <i>Medicina (Kaunas)</i> , 60(4), Article 601.	2.6
11. Straume, Z., Krūmiņa, N., Elbere, I., & Rozenberga, M. et al. (2024). Exploring the Impact of COVID-19 on Ulcerative Colitis Patients: A Lifestyle Perspective . <i>Medicina (Kaunas)</i> , 60(1), Article 182.	2.6
12. Krigere, A., Kalejs, V. R., Kaulins, R., & Rudzitis, A. et al. (2024). The Initial Experience of Balloon Pulmonary Angioplasty for Chronic Thromboembolic Pulmonary Hypertension in Latvia . <i>Medicina (Kaunas)</i> , 60(4), Article 568.	2.6

13. Kļaviņa, A., Reste, J., Mārtiņšone, I., & Vanadžiņš, I. et al. (2024). [Unlocking the Therapeutic Potential of Freshwater Sapropel Extracts: In Vitro Analysis and Antioxidant Profiling for Skincare Applications](#). *Medicina (Kaunas)*, 60, 1 -16. Article 546. 2.6
14. Zamure-Damberga, L., Radziņš, O., Šalms, Ģ., & Zolovs, M. et al. (2024). [Long-Term Volumetric Stability of Maxillary Sinus Floor Augmentation Using a Xenograft Bone Substitute and Its Combination with Autologous Bone: A 6+ Year Retrospective Follow-Up Study Using Cone Beam Computed Tomography](#). *Dentistry Journal*, 12(5), Article 121. 2.6
15. Umbraško, S., Martinsone-Berzkalne, L., Plavina, L., & Cauce, V. et al. (2024). [Longitudinal Analysis of Latvian Child Growth: Anthropometric Parameters Dynamics from Birth to Adolescence](#). *Children*, 11(4), Article 426. 2.4
16. Balodis, A., Kalējs, V. R., & Migunova, K. (2024). [Bilateral Low-Flow Type-D Dural Carotid-Cavernous Fistula: Diagnosis and Treatment with 3D Time-of-Flight Magnetic Resonance Angiography](#). *American Journal of Case Reports*, 25, Article e942833. 1.2
17. Vanka, S. A., Rudzitis, J., Skadins, I., & Kroica, J. et al. (2024). [Case report: Jejunal diverticulosis with chronic interstitial and mesenteric adhesions, chronic mesenteric volvulus, and decompensated small-bowel obstruction](#). *International Journal of Surgery Case Reports*, 117, Article 109549. 0.6
18. Tomiņa, K., Kroiča, J., Dovbenko, A., & Skadiņš, I. (2024). [EFFICACY OF FACIAL MASK USE IN COVID-19 TRANSMISSION USING A BACTERIAL MODEL](#). *Proceedings of the Latvian Academy of Sciences, Section B: Natural, Exact, and Applied Sciences*, 78(1), 91-98.