

## **Publikatsioonid/Publications 2024**

### **1.1. Teadusartiklid, mis on kajastatud Thomson Reuters Web of Science andmebaasis (v.a. Thomson Reuters Conference Proceedings Citation Index poolt refereeritud kogumikud) ja/või Euroopa Teadusfondi humanitaarteaduste loendi ERIH (European Reference Index of the Humanities) kategooriates INT1 ja INT2 ja/või andmebaasis Scopus (v.a. kogumikud)**

1. Azeez, Ruhany Sheherazad; Tõnsuaadu, Kaia; Kaljuvee, Tiit; Triikkel, Andres (2024). Kinetics of Estonian Phosphate Rock Dissolution in Hydrochloric Acid. Minerals, 14 (3), 322. DOI: 10.3390/min14030322.
2. Tarasova, Elvira; Savale, Nutan; Trifonova, Lada; Krasnou, Illia; Reile, Indrek; Kudrjasova, Marina; Mere, Arvo; Kaljuvee, Tiit; Mikli, Valdek; Sedrik, Rauno; Krumme, Andres (2024). Effect of green co-solvents on properties and synthesis of cellulose esters in superbase ionic liquid. Cellulose, 31, 4911–4927. DOI: 10.1007/s10570-024-05920-x.
3. Kaljuvee, Tiit; Tõnsuaadu, Kaia; Kallaste, Toivo; Graul, Sophie; Hints, Rutt; Kivimae, Eliise-Koidula; Petkova, Vilma; Triikkel, Andres (2024). Characterization and changes in the thermal behavior of the phosphorite sample from Toolse deposit (Estonia) along the drill-core. Journal of Thermal Analysis and Calorimetry, 149(22), 12651-12664. DOI: 10.1007/s10973-024-13655-x.
4. Hussain, Abrar; Goljandin, Dmitri; Podgursky, Vitali; Rüstü Yörük, Can; Sergejev, Fjodor; Kübarsepp, Jakob; Maurya, Himanshu S.; Rahmani, Ramin (2024). Industrial sustainable Fabrication, SEM Characterization, mechanical Testing, ANOVA analysis of PP-PETF recycled Composites: Artificial intelligence and deep learning studies for nuclear shielding applications. European Polymer Journal, 213, #113082. DOI: 10.1016/j.eurpolymj.2024.113082.

### **3.4. Artiklid/ettekanded, mis on avaldatud valdkonda 3.1. mittekuuluvates konverentsikogumikes**

1. Azeez, Ruhany S.; Tõnsuaadu, Kaia; Einard, Marve; Kaljuvee, Tiit; Triikke, Andres (2024). Recovery of Rare Earth Elements from Estonian Phosphate Rock Using Hydrochloric Acid Treatment. Critical Minerals '24 Conference & Exhibition: Draft Papers: CRITICAL MINERALS '24 Conference & Exhibition, Cape Town, South Africa, November 14-15, 2024. Minerals Engineering International (MEI), 104–107.