

Publikatsioonid/Publications 2023

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. Tõnsuaadu, Kaia; Kallas, Juha; Kallaste, Toivo; Urtson, Kristjan; Einard, Marve; Martin, Rasmus; Kuusik, Rein; Triikkel, Andres (2023). Estonian Phosphate Rock Dissolution in Hydrochloric Acid: Optimization of Acid Dosage and Concentration. *Minerals*, 13 (4), 578. DOI: 10.3390/min13040578.
2. Usta, Mustafa Cem; Yörük, Can Rüstü; Uibu, Mai; Traksmäe, Rainer; Hain, Tiina; Gregor, Andre; Triikkel, Andres (2023). Carbonation and Leaching Behaviors of Cement-Free Monoliths Based on High-Sulfur Fly Ashes with the Incorporation of Amorphous Calcium Aluminate. *ACS Omega*, 8 (32), 29543–29557. DOI: 10.1021/acsomega.3c03286.
3. Linge, J.M.; Erikson, H.; Mooste, M.; Piirsoo, H.M.; Kaljuvee, T.; Kikas, A.; Aruväli, J.; Kisand, V.; Tamm, A.; Kannan, A.M.; Tammeveski, K. (2023). Ag nanoparticles on mesoporous carbon support as cathode catalyst for anion exchange membrane fuel cell. *International Journal of Hydrogen Energy*, 29, 11058–11070. DOI: 10.1016/j.ijhydene.2022.12.138.
4. Jurkeviciute, Ana; Grigorieva, Larisa; Tõnsuaadu, Kaia; Yashicheva, Tamara; Bondarev, Dmitriy (2023). Non-aldehyde resins based on resorcinol and natural alkylresorcinols modified with styrene. *Materials Research Express*, 10 (10), #105301. DOI: 10.1088/2053-1591/acfd12.
5. Jurkeviciute, Ana; Grigorieva, Larisa; Tõnsuaadu, Kaia; Blum, Kristina (2023). Comparative analysis of the qualitative characteristics of formaldehyde and acetaldehyde resins based on styrene-modified oil shale alkylresorcinols. *Materials Research Express*, 10 (3), 1–14. DOI: 10.1088/2053-1591/acc0e1.
6. Baqain, M.; Rüstü Yörük, C.; Nešumajev, D.; Järvik, O.; Konist, A. (2023). Ash characterisation formed under different oxy-fuel circulating fluidized bed conditions. *Fuel*, 338, #127244. DOI: 10.1016/j.fuel.2022.127244.
7. Najafli, Erkin; Ratso, Sander; Ivanov, Yurii P.; Gatalo, Matija; Pavko, Luka; Yörük, Can Rüstü; Walke, Peter; Divitini, Giorgio; Hodnik, Nejc; Kruusenberg, Ivar. (2023). Sustainable CO₂-Derived Nanoscale Carbon Support to a Platinum Catalyst for Oxygen Reduction Reaction. *ACS Applied Nano Materials*. DOI: 10.1021/acsnm.3c00208.

3.1. Artiklid/peatükid lisas loetletud kirjastuste välja antud kogumikes (kaasa arvatud Thomson Reuters Book Citation Index, Thomson Reuters Conference Proceedings Citation Index, Scopus refereeritud kogumikud);

1. Stoyanov, V.; Petkova, V.; Kostova, B.; Kaljuvee, T. (2023). Thermal investigation on high temperature treatment of cement mortars with high content of marble powder. 12th

International Scientific Conference Civil Engineering Design and Construction (DCB 2022), 07/09/2022 - 10/09/2022 Online. IOP Publishing , 012005–012014. (IOP Conference Series: Materials Science and Engineering; 1276). DOI: 10.1088/1757-899x/1276/1/012005.