

Apatite in early Archean Isua supracrustal rocks, southern West Greenland : its origin, association with graphite and potential as a biomarker

Lepand, Aivo; Arrhenius, Gustaf; Cornell, David Precambrian research 2002 / p. 221-241 : ill [https://doi.org/10.1016/S0301-9268\(02\)00106-7](https://doi.org/10.1016/S0301-9268(02)00106-7)

Development of Rare-Earth-Free Zinc Silicate as a Novel Deep UV Emitter : Synthesis Strategies and Luminescent Properties = Haruldaste muldmetailide vaba tsinksilikaadi kui uue süva-UV kiirguri arendus : sünteesistrateegiad ja luminesents omadused

Necib, Jallouli 2025 <https://digikogu.taltech.ee/et/Item/67078497-d42a-4e55-8a09-d665a3a023b1> <https://doi.org/10.23658/taltech.63/2025> https://www.ester.ee/record=b5754738*est

Dissolution kinetics of rare earth elements from Estonian phosphate rock using hydrochloric acid treatment

Azeez, Ruhany S.; Tõnsuaadu, Kaia; Einard, Marve; Kaljuvee, Tiit; Triikkel, Andres Minerals engineering 2025 / art. 109641

<https://doi.org/10.1016/j.mineng.2025.109641> <http://https://www.sciencedirect.com/science/article/pii/S0892687525004698>

Dissolution of rare earth elements from phosphate ore in hydrochloric acid

Hacialioglu-Erlenheim, Gizem; Tõnsuaadu, Kaia; Urtson, Kristjan; Kallaste, Toivo; Triikkel, Andres XIV International Mineral Processing and Recycling Conference : proceedings 2021 / p. 166-171 : ill

https://imprc.tfbor.bg.ac.rs/download/IMPRC_2021_Proceedings.pdf

Distribution and recovery of rare earths from Estonian phosphorites during acidic decomposition

Viisimaa, Ludmilla; Veiderma, Mihkel; Aarnio, P.; Niinistö, Lauri Symposium on Inorganic and Analytical Chemistry : May 27, 1988 Lappeenranta 1988 / p. 115-117

Effect of substrate properties and phosphorus supply on facilitating the uptake of rare earth elements (REE) in mixed culture cropping systems of Hordeum vulgare, Lupinus albus and Lupinus angustifolius

Monei, Nthathi Lilian; Hitch, Michael William; Heim, Julian; Pourret, Olivier; Heilmeyer, Hermann; Wiche, Oliver Environmental science and pollution research 2022 / p. 57172-57189 <https://doi.org/10.1007/s11356-022-19775-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evaluating the potential of Estonia as European REE recycling capital via an environmental social governance risks assessment model

Paat, Andrus; Veetil, Sanoop Kumar Puthiya; Karu, Veiko; Hitch, Michael William The Extractive industries and society 2021 / art. 100767, 8 p <https://doi.org/10.1016/j.exis.2020.07.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ferromagnetism in rare earth doped cerium oxide bulk samples

Chandra Dimri, Mukesh; Khanduri, Himani; Kooskora, Helgi; Subbi, Juhan; Heinmaa, Ivo; **Mere, Arvo; Krustok, Jüri;** Stern, Raivo

Physica status solidi (a) 2012 / p. 353-358 : ill <https://onlinelibrary.wiley.com/doi/full/10.1002/pssa.201127403>

<https://onlinelibrary.wiley.com/doi/full/10.1002/pssa.201127403>

Luminescent materials based on thin metal oxide films doped with rare Earth ions

Kanarjov, P.; Reedo, Valter; Oja Acik, Ilona; Matisen, L.; Vorobjov, A.; Kiisk, Valter; **Krunks, Malle;** Sildos, Ilmo Physics of the solid state 2008 / 9, Proceedings of the XIII Feofilov Symposium "Spectroscopy of Crystals Doped by Rare-Earth and Transition-Metal Ions" (Irkutsk, July 9-13, 2007). p. 1727-1730 : ill <https://link.springer.com/article/10.1134/S1063783408090278>

Lõplikud lõppematud maavarad

Hints, Rutt Eesti Teaduste Akadeemia sõnas ja pildis 2021 2022 / lk. 78-80 https://www.ester.ee/record=b5054043*est

Main precambrian and paleozoic mineral resources of Estonia

Soesoo, Alvar Aspects in Mining & Mineral Science 2021 / p. 729-732 <https://doi.org/10.31031/AMMS.2021.06.000639>

Microstructure, properties and atomic level strain in severely deformed rare metal niobium

Kommel, Lembit; Saarna, Mart; Traksmäe, Rainer; Kommel, Igor Materials science = Medžiagotyra 2012 / p. 330-335 : ill https://www.researchgate.net/publication/272702114_Microstructure_Properties_and_Atomic_Level_Strain_in_Severely_Deformed_Rare_Metal_Niobium

Nanostructure and properties study of advanced high purity rare metals

Kommel, Lembit; Saarna, Mart; Laev, Natalja 18th International Baltic Conference : Engineering Materials & Tribology : BALTMATRIB-2009 : October 22-23, 2009, Tallinn, Estonia : abstracts 2009 / p. 43

Palaeoenvironmental signatures revealed from rare earth element (REE) compositions of vertebrate microremains of the Vesiku Bone Bed (Homerian, Wenlock), Saaremaa Island, Estonia

Fadel, Alexandre; Žigaitė, Živilė; Blom, Henning; Pérez-Huerta, Alberto; Jeffries, Teresa; Märss, Tiit; Ahlberga, Per Erik Estonian Journal of Earth Sciences 2015 / p. 36 - 41 <https://doi.org/10.3176/earth.2015.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Phytomining of rare earth elements : dynamics of rhizosphere processes and element interactions in the soil = Haruldaste muldmetallide fütokaevandamine : risosfääri protsesside ja geokeemiliste protsesside dünaamika pinnases
Monei, Nthathi Lilian 2023 <https://doi.org/10.23658/taltech.65/2023> <https://digikogu.taltech.ee/et/Item/ae5a3629-d857-411e-86d5-9778767e7f64> https://www.ester.ee/record=b5567493*est

Rare earth elements in Th-U-Bearing albitites of the Novooleksiivka occurrence, the Ukrainian shield
Mihalchenko, I. I.; Shumlyansky, Leonid; Soesoo, Alvar X Міжнародна науково-практична конференція : Проблеми теоретичної і прикладної мінералогії, геології, металогенії гірничодобувних регіонів : 24-26 листопада 2016 р., м. Кривий Ріг 2016 / р. 34-38 : ill

Rare earth elements (REEs) in vertebrate microremains from the upper Pridoli Ohesaare beds of Saaremaa Island, Estonia : geochemical clues to palaeoenvironment
Žigaitė, Žilvė; Fadel, Alexandre; Märss, Tiit Estonian journal of earth sciences 2015 / p. 115-120 : ill
https://artiklid.elnet.ee/record=b2715987*est <https://doi.org/10.3176/earth.2015.21> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Rare metals in volcanic ash beds in Silurian sedimentary sections of Estonia, Ukraine and Moldova - application for correlations between regions
Kiipli, Tarmo; Tsegelnjuk, Petro Rare metals in Ukraine - view to the future : conference materials : June 18.-22. 2001 : Kyev, Inst. Geol. Acad. Sci. Ukraine 2001 / p. 59-61

REE + Y uptake in bioapatite revisited : facies-controlled variability in coeval conodonts
Lumiste, Kaarel; Paiste, Tõnn; Paiste, Päärn; Männik, Peep; Somelar, Peeter; Kirsimäe, Kalle Chemical Geology 2023 / art. 121761
<https://doi.org/10.1016/j.chemgeo.2023.121761> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

REE+Y distribution in tremadocian shelly phosphorites (Toolse, Estonia): A geochemical and mineralogical investigation for European critical raw material
Hints, Rutt; Graul, Sophie Jane Marie-Pascale Huguette; Kallaste, Toivo; Ndiaye, Mawo; Moilanen, Marko; Monchal, Vincent Goldschmidt 2023 2023 / 1 p. <https://doi.org/10.7185/gold2023.13625>

The REE-composition and petrography of apatite in 2Ga Zaonega Formation, Russia: The environmental setting for phosphogenesis
Joosu, Lauri; Lepland, Aivo; Kirsimäe, Kalle; Romashkin, Alexander E.; Roberts, Nick M.W.; Martin, Adam P.; Črne, Alenka E. Chemical Geology 2015 / p. 88-107 <https://doi.org/10.1016/j.chemgeo.2014.11.013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sol-gel derived single source precursors for rare-earth substituted superconducting oxides
Tõnsuaadu, Kaia; Baubonyte, T.; Beganskiene, Aldona; Jasaitis, D.; Kareiva, Aivaras Chemine technologija 2002 / 5, p. 12-16 : ill

Spectral interferences in argon plasma on elemental analysis of rare earth elements oxides by ICP-AES
Paama, L.; Perämäki, P.; Pärnoja, E. 23rd Estonian Chemistry Days : abstracts of scientific conference 1997 / p. 103

Spectroscopic and phase-stabilisation properties of pure and rare-earth ions activated ZrO₂ and HfO₂
Lange, Sven 2010 https://www.ester.ee/record=b2592707*est

Spektraalsed häired argoonplasmas haruldaste muldmetallide oksiidide analüüsil ICP-AES meetodil
Paama, L.; Perämäki, P.; Pärnoja, E. XXIII Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid 1997 / lk. 94

Teemandite kaevandamine ookeanipõhjas [Võrguväljaanne]
Soesoo, Alvar majandus24.postimees.ee 2021 ["Teemandite kaevandamine ookeanipõhjas"](https://www.ester.ee/record=b2592707*est)

UFG microstructure processing by ECAP from double electron-beam melted rare metal
Kommel, Lembit Nanomaterials by severe plastic deformation IV. Part 1 2008 / p. 349-354 : ill <https://www.scientific.net/MSF.584-586.349>

Выделение редкоземельных элементов при кислотной переработке эстонских фосфоритов
Viisimaa, Ludmilla; Veiderma, Mihkel Eesti NSV Teaduste Akadeemia toimetised. Keemia = Proceedings of Academy of Sciences of the Estonian SSR. Chemistry = Известия Академии наук Эстонской ССР. Химия 1987 / с. 98-102 : илл
https://www.ester.ee/record=b1264984*est <https://www.etera.ee/zoom/21526/view?page=12&p=separate&tool=info&view=0,0,2247,3915>

Межфазовое распределение редкоземельных элементов при азотнокислотном разложении фосфатного сырья
Viisimaa, Ludmilla; Treufeldt, Olga Комплексная переработка фосфатного сырья, анализ природных и технических объектов 1983 / с. 33-38 : ил https://www.ester.ee/record=b1294037*est <https://digikogu.taltech.ee/et/Item/ebe3de55-9448-4002-9aес-7e1ef9c57d96>

Межфазовое распределение редкоземельных элементов при серноокислотной переработке эстонских

фосфоритов

Viisimaa, Ludmilla; Veiderma, Mihkel Материалы XII Всесоюзной научно-технической конференции "Технология неорганических веществ и минеральных удобрений" ; Часть 1 1981 / с. 256-258

Редкоземельные элементы в фосфатных концентратах Прибалтики

Viisimaa, Ludmilla; Veiderma, Mihkel; Graf-Harzani, Etelka; Bersi, J. Eesti NSV Teaduste Akadeemia toimetised. Keemia. Geoloogia = Известия Академии наук Эстонской ССР. Химия. Геология 1983 / с. 220-223 : илл
https://www.ester.ee/record=b1264984*est <https://www.etera.ee/zoom/18745/view?page=66&p=separate&tool=info&view=0.0.2172.3746>

Эстонские фосфориты как возможные источники редкоземельных элементов

Viisimaa, Ludmilla; Veiderma, Mihkel Химия и технология редких и рассеянных элементов, 27-29 мая 1981 г., Цахкадзор : Тезисы докладов II совещания 1981 / с. 39