

Characterization of FeS₂ pyrite microcrystals synthesized in different flux media

Kristmann, Katriin; Raadik, Taavi; Altosaar, Mare; Danilson, Mati; Krustok, Jüri; Paaver, Peeter; Butenko, Yuriy Materials advances 2023 / p. 1565 - 1575 <https://doi.org/10.1039/D3MA00697b> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Eesti teadlased sillutavad teed Kuul päikeseenergia tootmiseks

postimees.ee 2025 <https://teadus.postimees.ee/8196384/eesti-teadlased-sillutavad-teed-kuul-paikeseenergia-tootmiseks>

Kassikuld võib osutada elektroonikatööstuses kullast kallimaks

Kristmann, Katriin novaator.err.ee 2024 [Kassikuld võib osutada elektroonikatööstuses kullast kallimaks](#)

Methanogenesis and metal leaching on anaerobic decomposition of graptolite argillite

Menert, Anne; Korb, Triin; Orupõld, Kaja; Teemusk, Alar; Sepp, Holar; Mander, Ülo; Ilmjärv, Tanel; Truu, Jaak; Paiste, Päärn; Kirsimäe, Kalle; Menert, Terje; Kamenev, Inna; Heinaru, Eeva; Heinaru, Ain; Kulli, Sirlu; Sipp, Kivisaar, Maia Environmental Technology and Innovation 2023 / art. 103139 <https://doi.org/10.1016/j.eti.2023.103139> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Producing pyrite based solar panels for the future lunar habitat

Kristmann, Katriin; Raadik, Taavi; Heemskerck, Marc Vincent; Woods, Arthur; Vogel, Andreas; Collins, Patrick; Gasperovics, Dimitrijs; Makaya, Advent IAF Space Power Symposium 2024 / p. 312 - 317 <https://doi.org/10.52202/078370-0035>

Pyrite as prospective absorber material for monograin layer solar cell

Kristmann, Katriin; Altosaar, Mare; Raudoja, Jaan; Krustok, Jüri; Pilvet, Maris; Mikli, Valdek; Grossberg, Maarja; Danilson, Mati; Raadik, Taavi Thin Solid Films 2022 / art. 139068 : ill <https://doi.org/10.1016/j.tsf.2021.139068> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Pyrite as prospective monograin layer solar cell absorber material for in-situ solar cell fabrication on the Moon

Kristmann, Katriin; Raadik, Taavi; Altosaar, Mare; Grossberg, Maarja; Krustok, Jüri; Pilvet, Maris; Mikli, Valdek; Kauk-Kuusik, Marit IAC 2021 congress proceedings 2021 / p. 1-6 : ill <https://deepzone3.ttu.ee/~juri.krustok/PDF-s/IAC-21.C3.4.7.x64087.pdf> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Pyrite based solar panel in-situ production on the Moon for space-based solar power

Raadik, Taavi; Kristmann, Katriin; Ciazela, J.; Jozefowicz, M.; Kowalinski, M.; Sniadkowski, A.; Bakala, J.; Steslicki, M.; Zalewska, N.; Pieterek, B.; Ciazela, M.; Marciniak, D. IAC 2023 congress proceedings 2023 / 9 p. : ill <https://iafastro.directory/iac/paper/id/79277/abstract-pdf/IAC-23.D3.2B.6.x79277.brief.pdf?2023-03-30.12:16:44> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Synthesis and characterization of pyrite FeS₂ solar cell absorber crystals and modifying their surface

Kristmann, Katriin; Raadik, Taavi; Altosaar, Mare; Mikli, Valdek; Danilson, Mati Graduate School of Functional Materials and Technology (GSFMT) Scientific Conference : abstracts 2022 / 29 l. [Graduate School of Functional Materials and Technology \(GSFMT\) Scientific Conference 2022](#)

TalTech teel Kuule Päikest võtma

Vaaks, Eveliis; Raadik, Taavi Trialoog 2025 <https://trialoog.taltech.ee/tehnikaulikool-teel-kuule-paikest-votma/>

О взаимодействии пирита с азотной кислотой

Arumeel, Edgar; Kudrjavitseva, Jelena Eesti NSV Teaduste Akadeemia toimetised. Keemia = Proceedings of Academy of Sciences of the Estonian SSR. Chemistry = Известия Академии наук Эстонской ССР. Химия 1988 / с. 165-168 https://www.ester.ee/record=b1264984*est

О некоторых характерных чертах пиритов по данным спектрального анализа и инфракрасной спектроскопии

Palmre, Hendrik; Hödrejärvi, Helvi Eesti NSV Teaduste Akadeemia toimetised. Keemia = Proceedings of Academy of Sciences of the Estonian SSR. Chemistry = Известия Академии наук Эстонской ССР. Химия 1978 / с. 200-203 https://www.ester.ee/record=b1264984*est <https://www.etera.ee/zoom/16180/view?page=1&p=separate&tool=info>

О термических превращениях в смесях фторкарбонат-апатита с фосфорной кислотой и пиритом

Põldme, Meeme; Põldme, Juta; Veiderma, Mihkel; Utsal, Kalju Всесоюзное совещание "Неорганические жаростойкие материалы, их применение и внедрение в народное хозяйство", 8-10 сент. 1982 г. : тезисы докладов. Ч. 2 1982 / с. 398-399