

Application of modulation spectroscopy methods in photovoltaic materials research = Modulatsioonspektroskoopia meetodite rakendamise päikeseenergeetika materjalide uurimiseks

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Broad-band photoluminescence of donor-acceptor pairs in tetrahedrite Cu₁₀Cd₂Sb₄S₁₃ microcrystals

Krustok, Jüri; Raadik, Taavi; Kaupmees, Reelika; Ghisani, Fairouz; Timmo, Kristi; Altosaar, Mare; Mikli, Valdek; Grossberg, Maarja Journal of physics D: applied physics 2021 / art. 105102, 7 p. : ill <https://doi.org/10.1088/1361-6463/abce29> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Chlorine doping of cadmium sulfide on the example of CBD CdS

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Comparative study of SnS recrystallization in molten CdI₂, SnCl₂ and KI

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A comparative study of the growth dynamics and tribological properties of nanocrystalline diamondfilms deposited on the (110) single crystal diamond and Si(100) substrates

Podgurski, Vitali; Bogatov, Andrei; Yashin, Maxim; Viljus, Mart; Volobujeva, Olga; Mere, Arvo; Raadik, Taavi Diamond and related materials 2019 / p. 159-167 : ill <https://doi.org/10.1016/j.diamond.2018.12.024> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cu₂ZnSnSe₄ thin films by selenization of stacked binaries

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Deep defects in Cu₂ZnSnS₄ monograin solar cells

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The effect of temperature and sliding speed on friction and wear of Si₃N₄, Al₂O₃, and ZrO₂ balls tested against AlCrN PVD coating

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Influence of order-disorder in Cu₂ZnSnS₄ powders on the performance of monograin layer solar cells

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Pyrite as promising monograin layer solar cell absorber material for in-situ solar cell fabrication on the Moon
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Pyrite FeS₂ solar cells fabrication for lunar base energy production

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