

Anion effect of zinc source to chemically deposited ZnS(O,OH) films

Ernits, Kaia; Muska, Katri; Danilson, Mati; Raudoja, Jaan; Varema, Tiit; Volobujeva, Olga; Altosaar, Mare Advances in material science and engineering 2009 / [5] p. : ill

Band gap engineering by cationic substitution in Sn(Zr_{1-x}Ti_x)Se₃ alloy for bottom sub-cell application in solar cells

Kondrotas, Rokas; Pakstas, Vidas; Franckevicius, Marius; Suchodolskis, Arturas; Tumenas, Saulius; Jasinskis, Vidmantas; Juskenas, Remigijus; Krotkus, Arunas; **Muska, Katri; Kauk-Kuusik, Marit** Journal of materials chemistry A 2023 / p. 26488–26498
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Bandgap fluctuations, hot carriers, and band-to-acceptor recombination in Cu₂ZnSn(S,Se)₄ microcrystals

Krustok, Jüri; Kaupmees, Reelika; Abbasi, Nafiseh; Muska, Katri; Mengü, Idil; Timmo, Kristi Physica status solidi - rapid research letters 2023 / art. 2300077, 5 p. : ill <https://doi.org/10.1002/pssr.202300077>

CDB CdS kile mitmekordse sadestamise protsess

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Chemical bath deposition of ZnS films using different Zn-salts

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Comparative study of nanostructured CdS thin films prepared by CBD and spray pyrolysis : annealing effect

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CZTS monograin powders and thin films

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Cu₂ZnSnS₄ monograin layer solar cells for flexible photovoltaic applications Check for updates

Kauk-Kuusik, Marit; Timmo, Kristi; Pilvet, Maris; Muska, Katri; Danilson, Mati; Krustok, Jüri; Josepson, Raavo; Mikli, Valdek; Grossberg-Kuusk, Maarja Journal of materials chemistry A 2023 / p. 23640-23652 <https://doi.org/10.1039/D3TA04541B>

Cu₂(Zn_xSn_{2-x})(SySe_{1-y})₄ monograin materials for photovoltaics

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Development of band gap tuned CU₂ZN(SN_{1-x}GEX)₄ monograin powders

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ZnO grown by chemical solution deposition

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