

Amorphous Zn(O,Se) buffer layer for Cu(In,Ga)Se₂ thin film solar cells

Abdalla, Akram; Danilson, Mati; Oueslati, Souhaib; Pilvet, Maris; Bereznev, Sergei Materials science in semiconductor processing 2021 / art. 105862 <https://doi.org/10.1016/j.mssp.2021.105862> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chemical etching of tetrahedrite Cu₁₀Cd₂Sb₄S₁₃ monograin powder materials for solar cell applications

Ghisani, Fairouz; Timmo, Kristi; Altosaar, Mare; Mikli, Valdek; Danilson, Mati; Grossberg, Maarja; Kauk-Kuusik, Marit Materials science in semiconductor processing 2022 / art. 106291 <https://doi.org/10.1016/j.mssp.2021.106291> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Defect studies in Cu₂ZnSnSe₄ and Cu₂ZnSn(Se_{0.75}S_{0.25})₄ by admittance and photoluminescence spectroscopy

Kask, Erkki; Grossberg, Maarja; Josepson, Raavo; Salu, Pille; Timmo, Kristi; Krustok, Jüri Materials science in semiconductor processing 2013 / p. 992-996 : ill

Effects of irradiation of ZnO/CdS/Cu₂ZnSnSe₄/Mo/glass solar cells by 10 MeV electrons on photoluminescence spectra

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Electrochemical and photoelectrochemical characterization of SnS photoabsorber films

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Employment of dopant-free fluorene-based enamines as innovative hole transport materials to boost the transparency and performance of Sb₂S₃ based solar cells

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Energy levels determination of Zn(O,Se) thin films

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Impact of vacuum and nitrogen annealing on HVE SnS photoabsorber films

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Improved electrodeposition of CdS layers in presence of activating H₂SeO₃ microadditive

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Progress in additive manufacturing of MoS₂-based structures for energy storage applications – a review

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Raman spectroscopic study of In₂S₃ films prepared by spray pyrolysis

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Sb₂S₃ thin films by ultrasonic spray pyrolysis of antimony ethyl xanthate

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Selective photoelectrochemical deposition of polypyrrole onto hydrogenated a-Si for optoelectronic applications

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Study of the optical properties of Sb₂(Se_{1-x}S_x)₃ (x = 0-1) solid solutions

Uslu, Mehmet Ender; Kondrotas, Rokas; Nedzinskas, Ramunas; **Volobujeva, Olga**; **Timmo, Kristi**; **Kauk-Kuusik, Marit**; **Krustok, Jüri**; **Grossberg, Maarja** Materials science in semiconductor processing 2022 / art. 106571 <https://doi.org/10.1016/j.mssp.2022.106571>
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Study on photocatalytic activity of ZnO nanoneedles, nanorods, pyramids and hierarchical structures obtained by spray pyrolysis method

Klauson, Deniss; **Gromõko, Inga**; **Dedova, Tatjana**; **Pronina, Natalja**; **Kritševskaja, Marina**; **Budarnaja, Olga**; **Oja Acik, Ilona**; **Volobujeva, Olga**; Sildos, Ilmo; Utt, Kathriin Materials science in semiconductor processing 2015 / p. 315-324 : ill
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Synthesis and characterization of tetrahedrite Cu₁₀Cd₂Sb₄S₁₃ monograin material for photovoltaic application

Ghisani, Fairouz; **Timmo, Kristi**; **Altosaar, Mare**; **Raudoja, Jaan**; **Mikli, Valdek**; **Pilvet, Maris**; **Kauk-Kuusik, Marit**; **Grossberg, Maarja** Materials science in semiconductor processing 2020 / art. 104973 <https://doi.org/10.1016/j.mssp.2020.104973> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Temperature dependent electorelectance study of Cu₂ZnSnSe₄ solar cells

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The effect of laser fluences on the structural and optoelectronic properties of Zn(O,Se) films

Abdalla, Akram; **Kärber, Erki**; **Mikli, Valdek**; **Bereznev, Sergei** Materials science in semiconductor processing 2021 / art. 105429, 5 p. : ill <https://doi.org/10.1016/j.mssp.2020.105429> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The effect of tartaric acid in the deposition of Sb₂S₃ films by chemical spray pyrolysis

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