

CuInS₂ solar cell absorber plasmonically modified by gold nanoparticles

Repän, Taavi; Dolgov, Leonid; **Katerski, Atanas; Oja Acik, Ilona; Kärber, Erki; Mere, Arvo; Mikli, Valdek; Krunks, Malle**; Sildos, Ilmo Applied physics. A, Materials science & processing 2014 / p. 455-458 : ill <https://doi.org/10.1007/s00339-014-8681-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Increased efficiency inside the CdTe solar cell absorber caused by plasmonic metal nanoparticles

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Modification of light absorption in thin CuInS₂ films by sprayed Au nanoparticles

Katerski, Atanas; Kärber, Erki; Oja Acik, Ilona; Dolgov, Leonid; **Mere, Arvo**; Sildos, Ilmo; **Mikli, Valdek; Krunks, Malle** Nanoscale research letters 2014 / p. 1-6 : ill <https://doi.org/10.1186/1556-276X-9-494> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modification of light absorption in thin CuInS₂ films by sprayed gold nanoparticles

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Noble metal nanoparticles for improvement of fluorescent and photovoltaic materials

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Plasmonic control of light in thin film solar cell absorbers

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Plasmonic enhancement of light absorption in CuInS₂ layer doped by gold nanoparticles

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Plasmonic modification of CdTe thin films by gold nanoparticles : methods, difficulties and solutions

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Plasmonic TiO₂:Au composite layers deposited in situ by chemical spray pyrolysis

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Surface plasmon resonance caused by gold nanoparticles formed on sprayed TiO₂ films

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Ultra thin TiO₂ films with gold nanoparticles by the chemical spray pyrolysis method

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