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

Increased efficiency inside the CdTe solar cell absorber caused by plasmonic metal nanoparticles
Repän, Taavi; Pikker, Siim; Dolgov, Leonid; Loot, Ardi; **Hiie, Jaan**; **Krunks, Malle**; Sildos, Ilmo Energy procedia 2014 / p. 229-233 : ill

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

Modification of light absorption in thin CuInS2 films by sprayed gold nanoparticles
Mere, Arvo; **Katerski, Atanas**; **Oja Acik, Ilona**; Dolgov, Leonid; Sildos, Ilmo; **Krunks, Malle** NANOSMAT Conference, 22-25 September 2013, Granada, Spain : abstracts book 2013

Noble metal nanoparticles for improvement of fluorescent and photovoltaic materials
Dolgov, Leonid; **Oja Acik, Ilona**; **Mere, Arvo**; **Krunks, Malle**; **Mikli, Valdek** The international summer school "Nanotechnology: from fundamental research to innovations" and International research and practice conference "Nanotechnology and nanomaterials" (NANO-2013), 25 August-1 September, 2013, Bukovel, Ukraine : book of abstracts 2013 / p. 352

Plasmonic control of light in thin film solar cell absorbers
Repän, Taavi; **Katerski, Atanas**; **Oja Acik, Ilona**; **Kärber, Erki**; **Mere, Arvo**; **Mikli, Valdek**; **Krunks, Malle**; Dolgov, Leonid; Sildos, Ilmo The International Summer School "Nanotechnology : from fundamental research to innovations" and International research and practice conference "Nanotechnology and nanomaterials" (NANO-2014), 23-30 August, 2014, Yaremche-Lviv, Ukraine : book of abstracts 2014 / p. 494

Plasmonic enhancement of light absorption in CuInS2 layer doped by gold nanoparticles
Repän, Taavi; **Katerski, Atanas**; **Oja Acik, Ilona**; **Kärber, Erki**; **Mere, Arvo**; **Mikli, Valdek**; **Krunks, Malle**; Dolgov, Leonid; Sildos, Ilmo META'14 - Singapore : The 5th International Conference on Metamaterials, Photonic Crystals and Plasmonics : book of abstracts 2014

Plasmonic modification of CdTe thin films by gold nanoparticles : methods, difficulties and solutions
Maticiuc, Natalia; **Spalatu, Nicolae**; **Katerski, Atanas**; **Hiie, Jaan**; **Mikli, Valdek**; **Krunks, Malle**; Dolgov, Leonid; Sildos, Ilmo Microelectronic engineering 2014 / p. 173-178 : ill

Plasmonic TiO2:Au composite layers deposited in situ by chemical spray pyrolysis
Oja Acik, Ilona; **Oyekoya, Gboyega Nathaniel**; **Mere, Arvo**; Loot, Ardi; Dolgov, Leonid; **Mikli, Valdek**; **Krunks, Malle**; Sildos, Ilmo Surface and coatings technology 2015 / p. 27-31 : ill http://dx.doi.org/10.1016/j.surfcoat.2015.01.036

Surface plasmon resonance caused by gold nanoparticles formed on sprayed TiO2 films
Oja Acik, Ilona; Dolgov, Leonid; **Krunks, Malle**; **Mere, Arvo**; **Mikli, Valdek**; Pikker, Siim; Loot, Ardi; Sildos, Ilmo Thin solid films 2014 / p. 144-147 : ill

Ultra thin TiO2 films with gold nanoparticles by the chemical spray pyrolysis method
Oja Acik, Ilona; **Oyekoya, G.**; **Dedova, Tatjana**; **Mikli, Valdek**; **Mere, Arvo**; **Krunks, Malle**; Dolgov, Leonid; Sildos, Ilmo Joint 12th Russia/CIS/Baltic/Japan Symposium on Ferroelectricity and 9th International Conference Functional Materials and Nanotechnologies : Institute of Solid State Physics, University of Latvia, September 29-October 2, Riga, Latvia : book of abstracts 2014 / p. 296