

Comparative study of CdS films annealed in neutral, oxidizing and reducing atmospheres

Maticiu, Natalia; Kukk, Mart; Spalatu, Nicolae; Potlog, Tamara; Krunks, Malle; Valdna, Vello; Hiie, Jaan Energy procedia 2014 / p. 77-84 : ill <https://doi.org/10.1016/j.egypro.2013.12.012> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Deposition of p-type NiO films by chemical spray pyrolysis

Krunks, Malle; Soon, Jaanika; Unt, Tarmo; Mere, Arvo; Mikli, Valdek Vacuum 2014 / p. 242-246 : ill <https://doi.org/10.1016/j.vacuum.2014.02.013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Electronic and optical properties of magnesium and calcium hydroxides : the role of covalency and many-body effects

Karazhanov, Smagul Zh.; Pishtshev, Aleksandr; Klopov, Mihail Physica Scripta 2015 / art. 094015 <https://doi.org/10.1088/0031-8949/90/9/094015> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Impact of vacuum and nitrogen annealing on HVE SnS photoabsorber films

Revathi, Naidu; Looirits, Mihkel; Kärber, Erki; Volobujeva, Olga; Raudoja, Jaan; Maticiu, Natalia; Bereznev, Sergei; Mellikov, Enn Materials science in semiconductor processing 2017 / p. 252-257 : ill <https://doi.org/10.1016/j.mssp.2017.08.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of annealing in H₂ atmosphere on the electrical properties of thin film CdS

Maticiu, Natalia; Hiie, Jaan; Potlog, Tamara; Valdna, Vello; Gavrilov, Aleksei MRS proceedings 2011 / p. d14-05

Influence of technological conditions on the properties of CBD CdS layers

Maticiu, Natalia; Hiie, Jaan; Potlog, Tamara CAS 2012 proceedings. Volume 1 : 2012 International Semiconductor Conference : October 15-17, Sinaia, Romania 2012 / p. 187-190 : ill https://ibn.idsi.md/vizualizare_articol/192476

Pulsed laser deposition of Zn(O,Se) layers for optoelectronic application

Polivtseva, Svetlana; Spalatu, Nicolae; Abdalla, Akram; Volobujeva, Olga; Hiie, Jaan; Bereznev, Sergei ACS Applied Energy Materials 2018 / p. 6505–6512 : ill <http://dx.doi.org/10.1021/acsaem.8b01431>

The role of Cl in the chemical bath on the properties of CdS thin films

Maticiu, Natalia; Hiie, Jaan; Raadik, Taavi; Graf, Aleksandr; Gavrilov, Aleksei Thin solid films 2013 / p. 184-187 : ill <https://doi.org/10.1016/j.tsf.2012.11.107> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Solar energy harvesting through photovoltaic and photoelectrochemical means from appositely prepared CuInGaSe₂ absorbers on flexible substrates by a low-cost and industrially benign pulse electrodeposition technique

Mandati, Sreekanth; Misra, Prashant; Boosagulla, Divya; Tata, Narasinga Rao; Bulusu, Sarada V. Industrial and engineering chemistry research 2021 / p. 2197–2205 <https://doi.org/10.1021/acs.iecr.0c05934>