

**Annealing effect on CdS films : transition from glass to ITO**

Maticiu, Natalia; Hiie, Jaan IOP conference series : materials science and engineering 2013 / p. 1-4 : ill

**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

**Effect of CdCl<sub>2</sub> annealing treatment on structural and optoelectronic properties of close spaced sublimation CdTe/CdS thin film solar cells vs deposition conditions**

Spalatu, Nicolae; Hiie, Jaan; Mikli, Valdek; Krunks, Malle; Valdna, Vello; Maticiu, Natalia; Raadik, Taavi; Caraman, Mihail Thin solid films 2015 / p. 128-133 : ill <http://dx.doi.org/10.1016/j.tsf.2014.11.066>

**Effect of CdCl<sub>2</sub> vapor phase pretreatment annealing on the properties of CSS CdS and CdTe/CdS thin film solar cells**

Spalatu, Nicolae; Hiie, Jaan; Valdna, Vello; Krunks, Malle; Caraman, Mihail; Mikli, Valdek; Maticiu, Natalia 2014 Spring Meeting Lille, France : May 26-30. Symposium A, Thin film chalcogenide photovoltaic materials 2014 / p. 17

**Electrical characterization of annealed chemical-bath-deposited CdS films and their application in superstrate configuration CdTe/CdS solar cells**

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**Electrical characterization of CdS films, annealed in reducing, neutral and oxidizing ambients of H<sub>2</sub>, N<sub>2</sub>, and air**

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**Electrodeposited nanostructured CdSe/CdS matrix for hybrid solar cells [Online resource]**

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**Electrodeposition of cadmium chalcogenide films for hybrid solar cells = Kaadmiumkalkogeniidkilede elektrokeemiline sadestamine kasutamiseks hübriid-päikesepatareides**

Maricheva, Jelena 2017 [http://www.ester.ee/record=b4747305\\*est](http://www.ester.ee/record=b4747305*est) <https://digi.lib.ttu.ee/i/?9117>

**Impact of CdS annealing atmosphere on the performance of CdS-CdTe solar cell**

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**Impact of vacuum and nitrogen annealing on HVE SnS photoabsorber films**

Revathi, Naidu; Loorits, 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>

**Improved electrodeposition of CdS layers in presence of activating H<sub>2</sub>SeO<sub>3</sub> microadditive**

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**Incorporation of plasmonic Au nanoparticles inside the CdTe thin film absorber**

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**Influence of PH on the hydroxide impurities in chemically deposited CDS thin film**

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### **Influence of the secondary thermal annealing on the properties of CdTe/CdS:CdCl<sub>2</sub>:O<sub>2</sub> structure**

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**Keemilisel sadestatud CdS õhukeste kilede omaduste muutmise mehhanism termilisel lõõmutamisel**

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### **Plasmonic effect of Au NPs on CSS CdS/CdTe solar cell characteristics**

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

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### **Properties of the CdCl<sub>2</sub> air-annealed CSS CdTe thin films**

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