

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 <https://doi.org/10.1088/1757-899X/49/1/012061> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

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

Maticiu, Natalia; Kuk, 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](#)

Effect of CdCl₂ 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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of CdCl₂ vapor phase pretreatment annealing on the properties of CSS CdS and CdTe/CdS thin film solar cells

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

Graf, Aleksandr; Maticiu, Natalia; Spalatu, Nicolae; Mikli, Valdek; Mere, Arvo; Gavrilov, Aleksei; Hiie, Jaan Thin solid films 2015 / p. 351-355 : ill <https://doi.org/10.1016/j.tsf.2014.11.003> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

Electrical characterization of CdS films, annealed in reducing, neutral and oxidizing ambients of H₂, N₂, 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.eester.ee/record=b4747305*est <https://digi.lib.ttu.ee/79117>

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

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Improved electrodeposition of CdS layers in presence of activating H₂SeO₃ microadditive

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Incorporation of plasmonic Au nanoparticles inside the CdTe thin film absorber

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

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

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Influence of selenous acid microadditive on electrochemical formation of CdS thin films

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Influence of technological conditions on the properties of CBD CdS layers

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Influence of the secondary thermal annealing on the properties of CdTe/CdS:CdCl₂:O₂ structure

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Mechanism of changes in the properties of chemically deposited CdS thin films induced by thermal annealing = Keemilisel sadestatud CdS õhukeste kilede omaduste muutumise mehhanism termilisel lõõmutamisel

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One-stage pulsed laser deposition of conductive zinc oxysulfide layers

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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 CdCl₂ air-annealed CSS CdTe thin films

Spalatu, Nicolae; Hiie, Jaan; Valdna, Vello; Caraman, Mihail; Maticiu, Natalia; Mikli, Valdek; Potlog, Tamara; Krunks, Malle; Lugh, Vanni Energy procedia 2014 / p. 85-95 : ill <https://doi.org/10.1016/j.egypro.2013.12.013> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

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Reversibility of CdS film properties depending on the nature of annealing gas

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

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