

A comparative study on physical properties of Al-doped zinc oxide thin films deposited from zinc acetate and zinc acetylacetonate by spray pyrolysis

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A comparative study on physical properties of Al-doped zinc oxide thin films deposited from zinc acetate and zinc acetylacetonate solutions by spray pyrolysis

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Effect of Zn:S molar ratio in solution on the properties of ZnS thin films and the formation of ZnS nanorods by spray pyrolysis

Dedova, Tatjana; Krunks, Malle; Gromõko, Inga; Mikli, Valdek; Sildos, Ilmo; Utt, Kathriin; Unt, Tarmo *Physica status solidi (a) : applications and materials science* 2014 / p. 514-521 : ill <https://doi.org/10.1002/pssa.201300215> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Electrodeposited ZnO morphology transformations under the influence of SeO₂ additive: Rods, disks, nanosheets network

Gromõko, Inga; Dedova, Tatjana; Polivtseva, Svetlana; Kois, Julia; Puust, Laurits; Sildos, Ilmo; Mere, Arvo; Krunks, Malle *Thin solid films* 2018 / p. 10-15 : ill <https://doi.org/10.1016/j.tsf.2017.12.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enhanced photocatalytic activity of ZnO nanorods by surface treatment with H₂AuCl₄ : synergic effects through an electron scavenging, plasmon resonance and surface hydroxylation

Dedova, Tatjana; Oja Acik, Ilona; Chen, Zengjun; Katerski, Atanas; Balmassov, Kirill; Gromõko, Inga; Nagyne-Kovacs, T.; Szilagyi, I.M.; Krunks, Malle *Materials chemistry and physics* 2020 / art. 122767 <https://doi.org/10.1016/j.matchemphys.2020.122767>
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Growth of zinc oxide nanostructured layers on SnO₂ electrodes by spray pyrolysis

Dedova, Tatjana; Volobujeva, Olga; Gromõko, Inga; Mikli, Valdek; Mere, Arvo; Krunks, Malle *TÜ ja TTÜ doktorikool "Funktsionaalsed materjalid ja tehnoloogiad"* 2013 / [1] p

Growth of ZnO rods on FTO electrodes by spray pyrolysis

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Influence of solution composition on sprayed ZnO nanorods properties and formation process: Thermoanalytical study of the precursors

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Nanostructured layers of ZnS obtained by spray pyrolysis

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Spray pyrolysis deposition and characterization of highly c-axis oriented hexagonal ZnS nanorod crystals

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Study on photocatalytic activity of ZnO nanoneedles, nanorods, pyramids and hierarchical structures obtained by spray pyrolysis method

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Surface plasmon resonance in ZnO nanorod arrays caused by gold nanoparticles for solar cell application

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Surface properties of sprayed and electrodeposited ZnO rod layers

Gromõko, Inga; Krunks, Malle; Dedova, Tatjana; Katerski, Atanas; Klauson, Deniss; Oja Acik, Ilona Applied surface science 2017 / p. 521-528 : ill <https://doi.org/10.1016/j.apsusc.2017.02.065> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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Zinc oxide rods on different TCO substrates and seed layers by electrochemical deposition

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ZnO nanorods grown electrochemically on different metal oxide underlays

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ZnO/TiO₂/Sb₂S₃ core-shell nanowire heterostructure for extremely thin absorber solar cells

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ZnS thin films and nanostructured layers by chemical spray pyrolysis

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