

**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

**Nanostructured layers of ZnS obtained by spray pyrolysis**

**Dedova, Tatjana; Gromõko, Inga; Mikli, Valdek; Volobujeva, Olga;** Utt, Kathriin; Sildos, Ilmo; **Mere, Arvo; Krunks, Malle** E-MRS 2013 Spring Meeting. Symposium P, Functional nanowires : synthesis, characterization and applications : poster session II 2013 / p. 15

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

**Dedova, Tatjana; Gromõko, Inga; Krunks, Malle; Mikli, Valdek; Grossberg, Maarja;** Sildos, Ilmo; Utt, Kathriin; **Vessart, Risto; Unt, Tarmo** Crystal research and technology 2015 / p. 85-92 : ill <https://doi.org/10.1002/crat.201400172> Conference proceedings at Scopus Article at Scopus Conference proceedings at WOS Article at WOS

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

**Klauson, Deniss; Gromõko, Inga; Dedova, Tatjana; Pronina, Natalja; Kritševskaja, Marina; Budarnaja, Olga; Oja Acik, Ilona; Volobujeva, Olga;** Sildos, Ilmo; Utt, Kathriin Materials science in semiconductor processing 2015 / p. 315-324 : ill  
<https://doi.org/10.1016/j.mssp.2014.12.012> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**ZnS thin films and nanostructured layers by chemical spray pyrolysis**

**Dedova, Tatjana; Krunks, Malle; Gromõko, Inga; Mikli, Valdek;** Sildos, Ilmo; Utt, Kathriin; **Unt, Tarmo** XXXIII Eesti Keemiatänav : teaduskonverentsi teesid 2013 / p. 13