

Aerosol-assisted fine-tuning of optoelectrical properties of SWCNT films

Tsapenko, Alexey; Romanov, Stepan; Satco, Daria; **Volobujeva, Olga**; **Danilson, Mati** The journal of physical chemistry letters 2019 / p. 3961-3965 : ill <https://doi.org/10.1021/acs.jpclett.9b01498> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Characterisation of samarium and nitrogen co-doped TiO₂ films prepared by chemical spray pyrolysis

Oja Acik, Ilona; Kiisk, Valter; **Krunks, Malle**; Sildos, Ilmo; **Junolainen, Agne**; **Danilson, Mati**; **Mere, Arvo**; **Mikli, Valdek** Applied surface science 2012 / p. 735-741 : ill

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](#)

Doping and alloying of kesterites

Romanyuk, Yaroslav E.; Haass, Stefan G.; Giraldo, Sergio; **Kauk-Kuusik, Marit** Journal of Physics Energy 2019 / art. 044004, 22 p. : ill <https://doi.org/10.1088/2515-7655/ab23bc>

Effect of Zr doping on the structural and electrical properties of spray deposited TiO₂ thin films

Oluwabi, Abayomi Titilope; Juma, Albert Owino; **Oja Acik, Ilona**; **Mere, Arvo**; **Krunks, Malle** Proceedings of the Estonian Academy of Sciences 2018 / p. 147–157 : ill <https://doi.org/10.3176/proc.2018.2.05> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Enhanced photocatalytic activity of chemically deposited ZnO nanowires using doping and annealing strategies for water remediation

Gaffuri, Pierre; **Dedova, Tatjana**; Appert, Estelle; **Danilson, Mati**; **Oja Acik, Ilona** Applied surface science 2022 / art. 152323 <https://doi.org/10.1016/j.apsusc.2021.152323> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Impact of Li and K co-doping on the optoelectronic properties of CZTS monograin powder

Muska, Katri; Timmo, Kristi; **Pilvet, Maris**; **Kaupmees, Reelika**; **Raadik, Taavi**; **Mikli, Valdek**; **Grossberg-Kuusk, Maarja**; **Krustok, Jüri**; **Josepson, Raavo**; Lange, Sven; **Kauk-Kuusik, Marit** Solar energy materials and solar cells 2023 / art. 112182 : ill <https://doi.org/10.1016/j.solmat.2023.112182> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Selective performance of sol–gel synthesised titanium dioxide photocatalysts in aqueous oxidation of various-type organic pollutants

Klauson, Deniss; **Budarnaja, Olga**; **Stepanova, Kristina**; **Kritševskaja, Marina**; **Dedova, Tatjana**; **Käkinen, Aleksandr**; **Preis, Sergei** Kinetics and catalysis 2014 / p. 47-55 : ill <https://doi.org/10.1134/S0023158414010030> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Solution-mediated inversion of SnSe to Sb₂Se₃ thin-films

Polivtseva, Svetlana; Kois, Julia; **Kruzhilina, Tatiana**; **Kaupmees, Reelika**; **Klopov, Mihhail**; Molaiyan, Palanivel; van Gog, Heleen; van Huis, Marijn A.; **Volobujeva, Olga** Nanomaterials 2022 / art. 2898 <https://doi.org/10.3390/nano12172898> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Stabilization of higher symmetry HfO₂ polymorphs as thin films and nanoparticles

Rauwel, Protima; **Rauwel, Erwan** Hafnium : chemical characteristics, production and applications 2014 / p. 77-112 : ill