

#### **Alkoxide-based precursors for direct drawing of metal oxide micro- and nanofibres**

Tätte, Tanel; **Hussainov, Medhat**; Paalo, Madis; Part, Marko; Talviste, Rasmus; Kiisk, Valter; Mändar, Hugo; Põhako, Kaija; Pehk, Tõnis; Reivelt, Kaido; Natali, Marco; Gurauskis, Jonas; Lõhmus, Ants; Mäeorg, Uno Science and technology of advanced materials 2011 / [12] p.: ill

#### **Characterisation of samarium and nitrogen co-doped TiO<sub>2</sub> 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

#### **Characterization of samarium and nitrogen doped TiO<sub>2</sub> films prepared by spray pyrolysis**

**Oja Acik, Ilona**; Junolainen, Agne; Kiisk, Valter; Sildos, Ilmo; **Danilson, Mati**; **Krunks, Malle** EMRS-2010 Spring Meeting : Strasbourg, France, June 7-11 : program and book of abstracts. Symposium K 2010 / p. 4

#### **Local strain-induced band gap fluctuations and exciton localization in aged WS<sub>2</sub> monolayers**

**Krustok, Jüri**; **Kaupmees, Reelika**; Jaaniso, Raivo; Kiisk, Valter; Sildos, Ilmo; Li, B.; Gong, Y. AIP advances 2017 / art. 065005, 12 p. <https://doi.org/10.1063/1.4985299>

#### **Luminescent materials based on thin metal oxide films doped with rare Earth ions**

Kanarjov, P.; Reedo, Valter; **Oja Acik, Ilona**; Matisen, L.; Vorobjov, A.; Kiisk, Valter; **Krunks, Malle**; Sildos, Ilmo Physics of the solid state 2008 / 9, Proceedings of the XIII Feofilov Symposium "Spectroscopy of Crystals Doped by Rare-Earth and Transition-Metal Ions" (Irkutsk, July 9-13, 2007). p. 1727-1730 : ill <https://link.springer.com/article/10.1134/S1063783408090278>

#### **Optical study of local strain related disordering in CVD-grown MoSe<sub>2</sub> monolayers**

**Krustok, Jüri**; **Raadik, Taavi**; Jaaniso, Raivo; Kiisk, Valter Applied physics letters 2016 / p. 253106-1 - 253106-5 : ill <http://dx.doi.org/10.1063/1.4972782>

#### **TiO<sub>2</sub>:Sm<sup>3+</sup> based luminescent oxygen sensitive probes in LDPE packaging material**

Tikk, Taavi; Paara, Tõnis; Eltermann, Marko; **Krumme, Andres**; Jaaniso, Raivo; Kiisk, Valter; Lange, Sven Proceedings of the Estonian Academy of Sciences 2017 / p. 450-454 : ill <https://doi.org/10.3176/proc.2017.4.16>