

Combined sol-gel and carbothermal synthesis of ZrC-TiC powders for composites

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Elaboration of hard and optical oxide materials from the Ti, Zr and Hf alkoxides

Reedo, Valter; Järvekülg, Martin; Keevend, Kelli; Lange, Sven; **Kollo, Lauri** 15th International Baltic Conference "Engineering Materials & Tribology. Baltattrib - 2006" : October 5-6, 2006, Tallinn, Estonia : abstracts 2006 / p. 15-16 : ill

Elaboration of method for preparation of IVB group metal carbides nanocomposites

Umalas, Madis; Reedo, Valter; Lõhmus, Ants; **Hussainova, Irina** Functional Materials & Nanotechnologies : Riga, 5-8 April 2011 2011 / [1] p

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>

A novel route of synthesis of sodium hexafluorosilicate two component cluster crystals using BF₄⁻ containing ionic liquids

Välbe, Raul; Mäeorg, Uno; Lõhmus, Ants; Reedo, Valter; **Koel, Mihkel**; **Krumme, Andres**; Kessler, Vadim; Hoop, Andres; Romanov, Alexey Journal of crystal growth 2012 / p. 51-56 : ill <https://www.sciencedirect.com/science/article/pii/S0022024812006069>

Pinching of alkoxide jets - a route for preparing nanometre level sharp oxide fibres

Tätte, Tanel; Paalo, Madis; Kisand, Vambola; Reedo, Valter; **Kartušinski, Aleksander**; Saal, K.; Mäeorg, U.; Lõhmus, Ants; Kink, I. Nanotechnology 2007 / 12, p. 125301 [5 p.] : ill <https://iopscience.iop.org/article/10.1088/0957-4484/18/12/125301/meta>

Solution based processing for nanocarbides

Umalas, Madis; Reedo, Valter; Lõhmus, A.; **Hussainova, Irina** Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 2 2012 / p. 753-758 : ill

Synthesis of ZrC-TiC blend by novel combination of sol-gel method and carbothermal reduction

Umalas, Madis; Reedo, Valter; Lõhmus, Ants; **Hussainova, Irina**; **Juhani, Kristjan** Engineering materials and tribology 2013 / p. 62-67 https://www.researchgate.net/publication/265844548_Synthesis_of_ZrC-TiC_Blend_by_Novel_Combination_of_Sol-Gel_Method_and_Carbothermal_Reduction