

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

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Crack formation during post-treatment of nano- and microfibres prepared by sol-gel technique

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

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Rheological properties of MWCNT-doped titanium-oxo-alkoxide gel materials for fiber drawing

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Structure and rheological behavior of alkoxide-based precursors for drawing of metal oxide micro- and nanofibres

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Study of the curing mechanism of metal alkoxide liquid threads for the synthesis of metal oxide fibers or microtubes

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Technique for experimental studying of elongational behavior of high reactivity viscoelastic liquids : application to alkoxide-based sol-gel precursors

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