

Aluminate-based nanostructured luminescent materials : design of processing and functional properties

Rojas Hernandez, Rocio Estefania; Rubio-Marcos, Fernando; Fernandez, Jose Francisco; **Hussainova, Irina** Materials 2021 / art. 4591 <https://doi.org/10.3390/ma14164591> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biocidal properties study of silver nanoparticles used for application in green housing

Küünal, Siim; Kutti, Sander; Rauwel, Protima; Guha, Mithu; Wragg, David; **Rauwel, Erwan** International nano letters 2016 / p. 191-197 : ill <http://dx.doi.org/10.1007/s40089-016-0186-7>

Formation of Ca-Zn-Na phosphate bioceramic material in thermal processing of EDTA sol-gel precursor

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One-dimensional multilayer photonic crystals

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

Tätte, Tanel; **Hussainov, Medhat;** Amiri, Mahsa; Vanetsev, Alexander; Paalo, Madis; **Hussainova, Irina** Materials 2022 / art. 1186 <https://doi.org/10.3390/ma15031186> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Role of A-site (Sr), B-site (Y), and A, B sites (Sr, Y) substitution in lead-free BaTiO₃ ceramic compounds : structural, optical, microstructure, mechanical, and thermal conductivity properties

Tihtih, Mohammed; Ibrahim, Jamal Eldin F. M.; Basyooni, Mohamed A.; Kurovics, Emese; Belaid, Walid; **Hussainova, Irina;** **Kocserha, Istvan** Ceramics international 2023 / p. 1947-1959 <https://doi.org/10.1016/j.ceramint.2022.09.160>

Sol-gel derived phosphors for optical applications : chapter 11

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

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Synthesis of Cu₂ZnSnS₄ solar cell absorber material by sol-gel method

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