

Maksim Pudovkin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Physical Background for Luminescence Thermometry Sensors Based on Pr ³⁺ :LaF ₃ Crystalline Particles. Journal of Nanomaterials, 2017, 2017, 1-9.	2.7	35
2	Tiny Rare-Earth Fluoride Nanoparticles Activate Tumour Cell Growth via Electrical Polar Interactions. Nanoscale Research Letters, 2018, 13, 370.	5.7	29
3	Luminescent thermometry based on Ba ₄ Y ₃ F ₁₇ :Pr ³⁺ and Ba ₄ Y ₃ F ₁₇ :Pr ³⁺ ,Yb ³⁺ nanoparticles. Ceramics International, 2020, 46, 11658-11666.	4.8	22
4	The comparison of Pr ³⁺ :LaF ₃ and Pr ³⁺ :LiYF ₄ luminescent nano- and microthermometer performances. Journal of Nanoparticle Research, 2019, 21, 1.	1.9	21
5	Dielectric spectroscopy and molecular dynamics of epoxy oligomers with covalently bonded nonlinear optical chromophores. Chemical Physics Letters, 2012, 552, 114-121.	2.6	17
6	Coprecipitation Method of Synthesis, Characterization, and Cytotoxicity of Pr ³⁺ :LaF ₃ (CPr ³⁺ :LaF ₃) Nanoparticles. Journal of Nanoparticle Research, 2019, 21, 1.	3.4	17
7	Photoinduced toxicity of PrF ₃ and LaF ₃ nanoparticles. Optics and Spectroscopy (English Translation) Tj ETQq1 1 0.784314 rgBT /Overlo... 0.6 14	0.6	14
8	Characterization of Pr-Doped LaF ₃ Nanoparticles Synthesized by Different Variations of Coprecipitation Method. Journal of Nanomaterials, 2019, 2019, 1-17.	2.7	14
9	Luminescence Nanothermometry Based on Pr ³⁺ :LaF ₃ Single Core and Pr ³⁺ :LaF ₃ /LaF ₃ Core/Shell Nanoparticles. Advances in Materials Science and Engineering, 2019, 2019, 1-14.	1.8	13
10	Cellular uptake and cytotoxicity of unmodified Pr ³⁺ :LaF ₃ nanoparticles. Journal of Nanoparticle Research, 2019, 21, 1.	1.9	11
11	Toxicity of laser irradiated photoactive fluoride PrF ₃ nanoparticles toward bacteria. Journal of Physics: Conference Series, 2014, 560, 012011.	0.4	9
12	Transmission electron microscopy and flow cytometry study of cellular uptake of unmodified Pr ³⁺ :LaF ₃ nanoparticles in dynamic. Journal of Nanoparticle Research, 2021, 23, 1.	1.9	6
13	Fluoride Nanoparticles for Biomedical Applications. , 2020, , 135-174.		5
14	Formation Mechanism of Argon Clathrates with Carbon Dendrites. Technical Physics, 2018, 63, 857-861.	0.7	4
15	Pr ³⁺ :LiGdF ₄ microparticles for optical temperature sensing. Solid State Communications, 2022, 351, 114792.	1.9	4
16	Structure of carbon dendrites obtained in an atmospheric-pressure gas discharge. Technical Physics, 2017, 62, 255-260.	0.7	3
17	Spectral-Kinetic Properties and Energy Transfer in Nanoparticles of Y _{0.5} Ce _{0.5} TbxF ₃ Solid Solution. Journal of Applied Spectroscopy, 2020, 87, 481-487.	0.7	3
18	DETERMINATION OF THE STRUCTURE OF CARBON PARTICLES FORMED WHEN FORMING A POLYMER FILM IN A PLASMA CHEMICAL REACTOR. Nanotechnologies in Russia, 2019, 14, 98-103.	0.7	0