

Nikolai Tarasenko

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

169
citations

1478505

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1281871

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12
times ranked

248
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure and Optical Properties of Carbon Nanoparticles Generated by Laser Treatment of Graphite in Liquids. <i>ChemPhysChem</i> , 2017, 18, 1074-1083.	2.1	38
2	Microwave-assisted hydrothermal synthesis of three-dimensional NbOPO ₄ -reduced graphene oxide-carbon nanotube composite for high performance sodium-ion battery anode. <i>Journal of Power Sources</i> , 2022, 539, 231457.	7.8	31
3	Pulsed-laser generation of gold nanoparticles with on-line surface plasmon resonance detection. <i>Applied Physics A: Materials Science and Processing</i> , 2013, 111, 289-295.	2.3	25
4	Laser assisted preparation of doped ZnO nanocrystals. <i>Nano Structures Nano Objects</i> , 2017, 12, 210-219.	3.5	17
5	Properties of zinc oxide nanoparticles synthesized by electrical discharge technique in liquids. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2010, 207, 2319-2322.	1.8	16
6	Synergistic Effect of Plasma and Laser Processes in Liquid for Alloyed-Nanoparticle Synthesis. <i>Physical Review Applied</i> , 2020, 13, .	3.8	13
7	Plasmas in and in contact with liquid for synthesis and surface engineering of carbon and silicon nanoparticles. <i>Journal Physics D: Applied Physics</i> , 2018, 51, 484001.	2.8	7
8	Photoluminescent neodymium-doped ZnO nanocrystals prepared by laser ablation in solution for NIR-II fluorescence bioimaging. <i>Heliyon</i> , 2022, 8, e09554.	3.2	7
9	Structural defects and magnetic properties of gadolinium silicide nanoparticles synthesized by laser ablation technique in liquid. <i>Physica Status Solidi (B): Basic Research</i> , 2013, 250, 809-814.	1.5	6
10	Laser Irradiation of Gd ³⁺ Si and Gd ³⁺ Si ²⁺ Ge Colloid Mixtures for the Fabrication of Compound Nanoparticles. <i>ChemPhysChem</i> , 2018, 19, 3247-3256.	2.1	6
11	Emerging investigator series: long-term exposure of amorphous silica nanoparticles disrupts the lysosomal and cholesterol homeostasis in macrophages. <i>Environmental Science: Nano</i> , 2022, 9, 105-117.	4.3	3
12	Fabrication of Silicon Carbide Nanocrystals by Electrical Discharge and Laser-Induced Processes in Solution. <i>Plasma Chemistry and Plasma Processing</i> , 0, , .	2.4	0