

Yulia Kargina

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

176
citations

1478505

6
h-index

1058476

14
g-index

19
all docs

19
docs citations

19
times ranked

207
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Mesoporous silicon nanoparticles covered with PEG molecules by mechanical grinding in aqueous suspensions. <i>Microporous and Mesoporous Materials</i> , 2022, 331, 111641. | 4.4 | 3 |
| 2 | Composite silicon-iron nanoparticles: physical properties and potential application in MRI contrasting. <i>Journal of Nanoparticle Research</i> , 2022, 24, . | 1.9 | 1 |
| 3 | Radiofrequency Heating of Nanoparticles for Biomedical Applications. <i>Bulletin of the Lebedev Physics Institute</i> , 2021, 48, 170-174. | 0.6 | 3 |
| 4 | X-ray production and charged-particle acceleration in the irradiation of micro- and nanorod arrays by high-power femtosecond laser pulses. <i>Quantum Electronics</i> , 2021, 51, 536-543. | 1.0 | 1 |
| 5 | Mesoporous silicon nanoparticles loaded with salinomycin for cancer therapy applications. <i>Microporous and Mesoporous Materials</i> , 2021, 328, 111473. | 4.4 | 6 |
| 6 | Temperature monitoring through nanoparticle-activated proton relaxation for magnetic resonance imaging application. <i>Journal of Physics: Conference Series</i> , 2021, 2058, 012036. | 0.4 | 0 |
| 7 | Proton magnetization relaxation in aqueous suspensions of composite silicon-iron nanoparticles for biomedical applications. <i>Journal of Physics: Conference Series</i> , 2021, 2058, 012016. | 0.4 | 0 |
| 8 | Stabilization of porous silicon nanoparticles by PEGalization in water. <i>Journal of Physics: Conference Series</i> , 2021, 2058, 012013. | 0.4 | 0 |
| 9 | Silicon nanoparticles with iron impurities for multifunctional applications. <i>Functional Materials Letters</i> , 2020, 13, 2040007. | 1.2 | 5 |
| 10 | Imitating the effect of amplified spontaneous emission pedestal at relativistically intense laser interaction with nanostructured solid targets. <i>Laser Physics Letters</i> , 2020, 17, 045302. | 1.4 | 6 |
| 11 | Acceleration of highly stripped ions by relativistic femtosecond laser pulse from nanoscale targets with contrast control. , 2020, , . | | 0 |
| 12 | Increased flux of high energy particles and X-rays from relativistic nanostructured plasmas. , 2020, , . | | 0 |
| 13 | Comparative analysis of silicon nanostructures by x-ray diffraction technique. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 475, 012010. | 0.6 | 3 |
| 14 | Evolution of nanocrystal size distribution in porous silicon nanoparticles during storage in aqueous media: X-ray diffraction analysis. <i>Journal of Nanoparticle Research</i> , 2019, 21, 1. | 1.9 | 5 |
| 15 | Silicon Nanoparticles Prepared by Plasma-Assisted Ablative Synthesis: Physical Properties and Potential Biomedical Applications. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2019, 216, 1800897. | 1.8 | 9 |
| 16 | Investigation of proton spin relaxation in water with dispersed silicon nanoparticles for potential magnetic resonance imaging applications. <i>Journal of Applied Physics</i> , 2018, 123, . | 2.5 | 11 |
| 17 | Cytotoxicity control of silicon nanoparticles by biopolymer coating and ultrasound irradiation for cancer theranostic applications. <i>Nanotechnology</i> , 2017, 28, 105102. | 2.6 | 51 |
| 18 | Silicon Nanoparticles as Amplifiers of the Ultrasonic Effect in Sonodynamic Therapy. <i>Bulletin of Experimental Biology and Medicine</i> , 2016, 161, 296-299. | 0.8 | 20 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Porous silicon nanoparticles as biocompatible contrast agents for magnetic resonance imaging. Applied Physics Letters, 2015, 107, . | 3.3 | 52 |