

Andrey P Sviridov

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

554
citations

1040056

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h-index

1474206

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g-index

10
all docs

10
docs citations

10
times ranked

774
citing authors

#	ARTICLE	IF	CITATIONS
1	Radio frequency radiation-induced hyperthermia using Si nanoparticle-based sensitizers for mild cancer therapy. <i>Scientific Reports</i> , 2014, 4, 7034.	3.3	150
2	Porous silicon nanoparticles as efficient sensitizers for sonodynamic therapy of cancer. <i>Microporous and Mesoporous Materials</i> , 2015, 210, 169-175.	4.4	89
3	Porous silicon nanoparticles as sensitizers for ultrasonic hyperthermia. <i>Applied Physics Letters</i> , 2013, 103, .	3.3	82
4	Photoluminescent biocompatible silicon nanoparticles for cancer theranostic applications. <i>Journal of Biophotonics</i> , 2012, 5, 529-535.	2.3	74
5	Cytotoxicity control of silicon nanoparticles by biopolymer coating and ultrasound irradiation for cancer theranostic applications. <i>Nanotechnology</i> , 2017, 28, 105102.	2.6	51
6	Lowering of the cavitation threshold in aqueous suspensions of porous silicon nanoparticles for sonodynamic therapy applications. <i>Applied Physics Letters</i> , 2015, 107, .	3.3	42
7	Nano Air Seeds Trapped in Mesoporous Janus Nanoparticles Facilitate Cavitation and Enhance Ultrasound Imaging. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 35234-35243.	8.0	27
8	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
9	Cavitation Induced by Janus-Like Mesoporous Silicon Nanoparticles Enhances Ultrasound Hyperthermia. <i>Frontiers in Chemistry</i> , 2019, 7, 393.	3.6	17
10	Effects of ultrasonic cavitation and heat deposition in aqueous suspensions of mesoporous silicon nanoparticles. , 2016, , .		2