

Irina V Martynenko

List of Publications by Year in descending order

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22
papers

563
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840585

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22
times ranked

807
citing authors

#	ARTICLE	IF	CITATIONS
1	Colloidal quantum dots for optoelectronics. <i>Journal of Materials Chemistry A</i> , 2017, 5, 13252-13275.	5.2	167
2	Chlorin e6@ZnSe/ZnS quantum dots based system as reagent for photodynamic therapy. <i>Nanotechnology</i> , 2015, 26, 055102.	1.3	72
3	Enantioselective cellular uptake of chiral semiconductor nanocrystals. <i>Nanotechnology</i> , 2016, 27, 075102.	1.3	54
4	Magneto-Fluorescent Microbeads for Bacteria Detection Constructed from Superparamagnetic Fe ₃ O ₄ Nanoparticles and AlS/ZnS Quantum Dots. <i>Analytical Chemistry</i> , 2019, 91, 12661-12669.	3.2	46
5	Photoluminescence of Ag-In-S/ZnS quantum dots: Excitation energy dependence and low-energy electronic structure. <i>Nano Research</i> , 2019, 12, 1595-1603.	5.8	43
6	Energy transfer in complexes of water-soluble quantum dots and chlorin e6 molecules in different environments. <i>Beilstein Journal of Nanotechnology</i> , 2013, 4, 895-902.	1.5	32
7	Giant Stokes Shifts in AgInS ₂ Nanocrystals with Trapped Charge Carriers. <i>Journal of Physical Chemistry C</i> , 2019, 123, 16430-16438.	1.5	29
8	Excitation Energy Dependence of the Photoluminescence Quantum Yield of Core/Shell CdSe/CdS Quantum Dots and Correlation with Circular Dichroism. <i>Chemistry of Materials</i> , 2018, 30, 465-471.	3.2	27
9	Enantioselective cytotoxicity of ZnS:Mn quantum dots in A549 cells. <i>Chirality</i> , 2017, 29, 403-408.	1.3	25
10	Investigation of Complexes of CdTe Quantum Dots with the AlOH-Sulphophthalocyanine Molecules in Aqueous Media. <i>Journal of Physical Chemistry C</i> , 2013, 117, 23425-23431.	1.5	16
11	The influence of phthalocyanine aggregation in complexes with CdSe/ZnS quantum dots on the photophysical properties of the complexes. <i>Beilstein Journal of Nanotechnology</i> , 2016, 7, 1018-1027.	1.5	13
12	The formation of molecular aggregates of sulfophthalocyanine in complexes with semiconductor nanocrystals. <i>Optics and Spectroscopy (English Translation of Optika i Spektroskopiya)</i> , 2015, 119, 738-743.	0.2	11
13	Investigation of biocompatible complexes of Mn ²⁺ -doped ZnS quantum dots with chlorin e6. <i>Journal of Optical Technology (A Translation of Opticheskii Zhurnal)</i> , 2014, 81, 444.	0.2	7
14	Influence of intermolecular interactions on spectroscopic characteristics of metal nanoparticles and their composites. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 24536-24548.	1.3	6
15	Time-resolved FRET in AgInS ₂ /ZnS-CdSe/ZnS quantum dot systems. <i>Nanotechnology</i> , 2019, 30, 195501.	1.3	5
16	ZnSe/ZnS quantum dots - photosensitizer complexes: optical properties and cancer cell photodynamic destruction effect. , 2014, , .		4
17	Quantum dots - graphene hybrid structures: interplay of optical and electrical properties. , 2014, , .		2
18	Quantum Dot-Tetrapyrrole Complexes as Photodynamic Therapy Agents. , 2015, , .		2

#	ARTICLE	IF	CITATIONS
19	Energy transfer efficiency in quantum dot/chlorin e6 complexes. , 2015, , .		1
20	Complexes of photosensitizer and CdSe/ZnS quantum dots passivated with BSA: optical properties and intracomplex energy transfer. , 2016, , .		1
21	Quantum dot-tetrapyrrole complexes as photodynamic therapy agents. Proceedings of SPIE, 2015, , .	0.8	0
22	Energy transfer efficiency in quantum dot/chlorin e6 complexes. , 2015, , .		0