

Irina V Martynenko

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20
papers

420
citations

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h-index

20
g-index

22
ext. papers

496
ext. citations

4.6
avg, IF

3.25
L-index

#	Paper	IF	Citations
20	Colloidal quantum dots for optoelectronics. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 13252-13275	13	107
19	Chlorin e6-ZnSe/ZnS quantum dots based system as reagent for photodynamic therapy. <i>Nanotechnology</i> , 2015 , 26, 055102	3.4	61
18	Enantioselective cellular uptake of chiral semiconductor nanocrystals. <i>Nanotechnology</i> , 2016 , 27, 075102	3.4	47
17	Photoluminescence of Ag-In-S/ZnS quantum dots: Excitation energy dependence and low-energy electronic structure. <i>Nano Research</i> , 2019 , 12, 1595-1603	10	30
16	Magneto-Fluorescent Microbeads for Bacteria Detection Constructed from Superparamagnetic FeO Nanoparticles and AIS/ZnS Quantum Dots. <i>Analytical Chemistry</i> , 2019 , 91, 12661-12669	7.8	29
15	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	3	27
14	Enantioselective cytotoxicity of ZnS:Mn quantum dots in A549 cells. <i>Chirality</i> , 2017 , 29, 403-408	2.1	21
13	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	9.6	21
12	Giant Stokes Shifts in AgInS ₂ Nanocrystals with Trapped Charge Carriers. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 16430-16438	3.8	16
11	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	3.8	14
10	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, 1018-27	3	12
9	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	0.7	10
8	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	0.9	7
7	Influence of intermolecular interactions on spectroscopic characteristics of metal nanoparticles and their composites. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 24536-48	3.6	5
6	Time-resolved FRET in AgInS/ZnS-CdSe/ZnS quantum dot systems. <i>Nanotechnology</i> , 2019 , 30, 195501	3.4	4
5	ZnSe/ZnS quantum dots - photosensitizer complexes: optical properties and cancer cell photodynamic destruction effect 2014 ,		3
4	Quantum dots - graphene hybrid structures: interplay of optical and electrical properties 2014 ,		2

- 3 Quantum Dot-Tetrapyrrole Complexes as Photodynamic Therapy Agents **2015**, 2
- 2 Energy transfer efficiency in quantum dot/chlorin e6 complexes **2015**, 1
- 1 Complexes of photosensitizer and CdSe/ZnS quantum dots passivated with BSA: optical properties and intracomplex energy transfer **2016**, 1