

# Ilya Byzov

## List of Publications by Year in descending order

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17  
papers

332  
citations

1040056

9  
h-index

1058476

14  
g-index

17  
all docs

17  
docs citations

17  
times ranked

485  
citing authors

#	ARTICLE	IF	CITATIONS
1	Anomalous magnetism of the nanocrystalline oxide TiO <sub>2</sub> surface. <i>Physics of the Solid State</i> , 2017, 59, 469-482.	0.6	7
2	3-Aminopropylsilane-modified iron oxide nanoparticles for contrast-enhanced magnetic resonance imaging of liver lesions induced by <i>Opisthorchis felinus</i> . <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 4451-4463.	6.7	32
3	Reaction of Lymphoid Organs to Injection of Iron-Carbon Nanoparticles. <i>Bulletin of Experimental Biology and Medicine</i> , 2016, 162, 252-254.	0.8	0
4	Interactions of Bimodal Magnetic and Fluorescent Nanoparticles Based on Carbon Quantum Dots and Iron-Carbon Nanocomposites with Cell Cultures. <i>Bulletin of Experimental Biology and Medicine</i> , 2016, 162, 248-251.	0.8	1
5	Magnetic sedimentation and aggregation of Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> nanoparticles in water medium. <i>Separation and Purification Technology</i> , 2016, 159, 35-42.	7.9	25
6	Luminescence and optical spectroscopy of charge transfer processes in solid solutions Ni <sub>1-x</sub> Mg <sub>x</sub> O and Ni <sub>1-x</sub> Zn <sub>x</sub> O. <i>Journal of Luminescence</i> , 2016, 169, 641-644.	3.1	4
7	Magnetic field-enhanced sedimentation of nanopowder magnetite in water flow. <i>Environmental Technology (United Kingdom)</i> , 2015, 36, 1828-1836.	2.2	13
8	Heterogeneous magnetic state in nanocrystalline cupric oxide CuO. <i>Physics of the Solid State</i> , 2015, 57, 296-308.	0.6	4
9	Evaluation of Biodistribution of Functionalized Magnetic Core/Carbon-Shell Nanoparticles in Systemic Method of Administration. <i>Bulletin of Experimental Biology and Medicine</i> , 2015, 159, 498-501.	0.8	3
10	Application of NMR relaxometry for determining the concentration of nanopowder magnetite in aqueous media. <i>Physics of Metals and Metallography</i> , 2014, 115, 744-748.	1.0	9
11	Sedimentation and aggregation of magnetite nanoparticles in water by a gradient magnetic field. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	22
12	Fundamental absorption edge of NiO nanocrystals. <i>Physica B: Condensed Matter</i> , 2013, 430, 1-5.	2.7	18
13	Sedimentation of Fe <sub>3</sub> O <sub>4</sub> nanosized magnetic particles in water solution enhanced in a gradient magnetic field. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	1.9	18
14	Effects of copper(II) ions and copper oxide nanoparticles on <i>Elodea densa</i> Planch.. <i>Russian Journal of Ecology</i> , 2011, 42, 458-463.	0.9	164
15	Electrodes in stripping voltammetry: from a macro- to a micro- and nano-structured surface. <i>Journal of Analytical Chemistry</i> , 2009, 64, 1148-1157.	0.9	10
16	Influence of heat treatment on the transparency of silicate thin films in the near-IR range. <i>Glass Physics and Chemistry</i> , 2008, 34, 300-304.	0.7	0
17	Bimodal Fluorescent and Magnetic Nanoparticles Based on Carbon Quantum Dots and Metal-Carbon Nanocomposites for Bio-Applications. <i>Key Engineering Materials</i> , 0, 683, 454-461.	0.4	2