

# Ilya Byzov

## List of Publications by Year in descending order

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17  
papers

332  
citations

1040056

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1058476

14  
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17  
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17  
docs citations

17  
times ranked

485  
citing authors

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