

Olga Vernaya

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.

28

papers

180

citations

9

h-index

12

g-index

28

ext. papers

240

ext. citations

1.8

avg, IF

2.98

L-index

#	Paper	IF	Citations
28	Magnetic Nanoparticles for Biomedical Purposes: Modern Trends and Prospects. <i>Magnetochemistry</i> , 2020 , 6, 30	3.1	34
27	Structure and size effects in catalysis by immobilized nanoclusters of iron oxides. <i>Catalysis Today</i> , 2005 , 105, 634-640	5.3	27
26	Cryochemical synthesis and antibacterial activity of a hybrid composition based on Ag nanoparticles and dioxidine. <i>Moscow University Chemistry Bulletin</i> , 2017 , 72, 6-9	0.5	10
25	Acidic and catalytic properties of silica modified by iron oxide nanoparticles. <i>Catalysis Today</i> , 2010 , 152, 48-53	5.3	10
24	Obtaining ultradispersed dioxidine powder modified via cryochemical synthesis and determining its antibacterial activity. <i>Moscow University Chemistry Bulletin</i> , 2016 , 71, 295-298	0.5	10
23	Hybrid Nanosystems Based on an Antibacterial Preparation of Dioxidine and Metal Nanoparticles (Ag and Cu) Included in Biopolymer Cryostructures. <i>Nanotechnologies in Russia</i> , 2018 , 13, 182-188	0.6	10
22	Cryochemical modification, activity, and toxicity of dioxidine. <i>Russian Journal of Physical Chemistry A</i> , 2017 , 91, 229-232	0.7	9
21	Cryochemical synthesis and antibacterial activity of hybrid nanocomposites based on dioxidine containing Ag and Cu nanoparticles incorporated in biopolymer cryostructures. <i>Russian Chemical Bulletin</i> , 2017 , 66, 2152-2156	1.7	9
20	Hybrid Systems of Delivery of Long-Acting Drugs Based on Gentamicin Sulfate, Silver, and Copper Nanoparticles, and Gelatin Biopolymer Matrices. <i>Nanotechnologies in Russia</i> , 2018 , 13, 546-550	0.6	9
19	Cryochemically Obtained Nanoforms of Antimicrobial Drug Substance Dioxidine and Their Physico-chemical and Structural Properties. <i>Crystals</i> , 2018 , 8, 298	2.3	8
18	Catalytic conversions of chloroolefines over iron oxide nanoparticles 3. Electronic and magnetic properties of Fe ₂ O ₃ nanoparticles immobilized on different silicas. <i>Russian Chemical Bulletin</i> , 2006 , 55, 1768-1774	1.7	7
17	Catalytic conversions of chloroolefins over iron oxide nanoparticles 1. Isomerization of dichlorobutenes in the presence of iron oxide nanoparticles immobilized on silicas with different structures. <i>Russian Chemical Bulletin</i> , 2005 , 54, 1418-1424	1.7	7
16	Influence of succinylation of a wide-pore albumin cryogels on their properties, structure, biodegradability, and release dynamics of dioxidine loaded in such spongy carriers. <i>International Journal of Biological Macromolecules</i> , 2020 , 160, 583-592	7.9	6
15	Cryochemical modification of drugs: Nanosized form III piroxicam and its physical and chemical properties. <i>Moscow University Chemistry Bulletin</i> , 2016 , 71, 287-294	0.5	4
14	Cu/dioxidine hybrid nanocomposites: cryochemical synthesis and antibacterial activity. <i>Moscow University Chemistry Bulletin</i> , 2017 , 72, 224-226	0.5	4
13	Nanoparticles of Bioactive Metals/Metal Oxides and Their Nanocomposites with Antibacterial Drugs for Biomedical Applications. <i>Materials</i> , 2022 , 15, 3602	3.5	4
12	Low-Temperature Synthesis and Antibacterial Activity of Hybrid Systems of Gentamicin Sulfate with Copper and Iron Nanoparticles. <i>Moscow University Chemistry Bulletin</i> , 2020 , 75, 258-260	0.5	3

11	Effect of the support nature on the catalytic properties of iron in benzene benzylation. <i>Petroleum Chemistry</i> , 2017 , 57, 93-99	1.1	2
10	Metal Nanoparticle Containing Nanocomposites of Drug Substances and Their Potential Biomedical Applications. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 170	2.6	2
9	Synthesis of Copper Nanoparticles by Thermal Decomposition of Anhydrous Copper Formate. <i>Moscow University Chemistry Bulletin</i> , 2017 , 72, 267-268	0.5	1
8	The Synthesis of Maghemite Nanoparticles by Thermal Decomposition of Cryochemically Modified Iron(III) Acetylacetonate. <i>Moscow University Chemistry Bulletin</i> , 2020 , 75, 265-268	0.5	1
7	Cryochemical Production of Drug Nanoforms: Particle Size and Crystal Phase Control of the Antibacterial Medication 2,3-Quinoxalinedimethanol-1,4-dioxide (Dioxidine). <i>Nanomaterials</i> , 2021 , 11,	5.4	1
6	Synthesis and Biological Activity of Hybrid Systems of Magnetic Nanoparticles with Antibacterial Drugs. <i>Moscow University Chemistry Bulletin</i> , 2019 , 74, 322-325	0.5	1
5	Cryochemical Synthesis of Magnetite Nanoparticles. <i>Moscow University Chemistry Bulletin</i> , 2018 , 73, 257-259	0.5	1
4	Low-Temperature Synthesis of Hybrid Nanoforms Based on the Antibacterial Drug Dioxidine and Nanoparticles of Bioactive Metals (Silver, Copper) Incorporated into Biopolymer Cryogels. <i>Russian Journal of Physical Chemistry A</i> , 2019 , 93, 1970-1975	0.7	0
3	Effect of the composition of the immobilized copper-containing ionic liquid on the dodecyl mercaptan oxidation kinetics. <i>Kinetics and Catalysis</i> , 2017 , 58, 362-369	1.5	0
2	Cryochemical Modification of Medicinal Substances: The Effect of the Carrier Gas Flow Rate on the Physicochemical Properties of Nanoforms of the Antibacterial Drug Dioxidine. <i>Moscow University Chemistry Bulletin</i> , 2021 , 76, 196-202	0.5	
1	Effect of the Conditions the Reaction on the Formation of Iron Nanoparticles during the Reduction of Iron(III) Ions with Sodium Borohydride. <i>Moscow University Chemistry Bulletin</i> , 2019 , 74, 326-329	0.5	