A S Minin

List of Publications by Year in descending order

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53	441	686830 13	839053 18
papers	citations	h-index	g-index

56	56	56	468
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fluorescent mesoionic 1-(2-aryl-4H-thieno[3,4-d][1,2,3]triazol-2-ium-4-ylidene)ethan-1-olates: One-pot synthesis, photophysics, and biological behavior. Dyes and Pigments, 2022, 199, 109777.	2.0	2
2	Magnetism and temperature dependence of nano-TiO2: Fe EPR spectra. Materials Chemistry and Physics, 2022, 276, 125327.	2.0	4
3	Novel costâ€efficient proteinâ€based membrane system for cells cocultivation and modeling the intercellular communication. Biotechnology and Bioengineering, 2022, 119, 1033-1042.	1.7	1
4	N,O-bidentate ligands-based salicylic spiroborates: A bright frontier of bioimaging. Dyes and Pigments, 2022, 200, 110165.	2.0	6
5	Prussian Blue Nanozymes with Enhanced Catalytic Activity: Size Tuning and Application in ELISA-like Immunoassay. Nanomaterials, 2022, 12, 1630.	1.9	5
6	3-Aryl-2-(thiazol-2-yl)acrylonitriles assembled with aryl/hetaryl rings: Design of the optical properties and application prospects. Dyes and Pigments, 2021, 184, 108836.	2.0	7
7	Magnetic Properties, Electron Paramagnetic Resonance, and Photoelectron Spectroscopy Studies of Nanocrystalline TiO₂ Coâ€Doped with Al and Fe. Physica Status Solidi (B): Basic Research, 2021, 258, 2000399.	0.7	4
8	Variation in tumor pH affects pH-triggered delivery of peptide-modified magnetic nanoparticles. Nanomedicine: Nanotechnology, Biology, and Medicine, 2021, 32, 102317.	1.7	16
9	Computer vision vs. spectrofluorometer-assisted detection of common nitro-explosive components with bola-type PAH-based chemosensors. RSC Advances, 2021, 11, 25850-25857.	1.7	5
10	Synthesis of Nanopowders of the Feâ€“Cu System by the Gas Condensation Method and Their Structure and Magnetic Properties. Physics of Metals and Metallography, 2021, 122, 293-300.	0.3	0
11	Design of SiO2/aminopropylsilane-modified magnetic Fe3O4 nanoparticles for doxorubicin immobilization. Russian Chemical Bulletin, 2021, 70, 987-994.	0.4	6
12	Quantitative phase analysis of magnetic Fe@C nanoparticles. Materials Today Communications, 2021, 27, 102382.	0.9	1
13	Modification of chemically and physically obtained Fe3O4 magnetic nanoparticles with l-Lys for cell labeling. Russian Chemical Bulletin, 2021, 70, 1199-1208.	0.4	3
14	Smart Design of a pH-Responsive System Based on pHLIP-Modified Magnetite Nanoparticles for Tumor MRI. ACS Applied Materials & Interfaces, 2021, 13, 36800-36815.	4.0	24
15	Changes in Hemoglobin Isoforms in the Peripheral Blood of Rats with Experimental Posthemorrhagic Anemia. Bulletin of Experimental Biology and Medicine, 2021, 171, 421-424.	0.3	1
16	Silica coating of Fe3O4 magnetic nanoparticles with PMIDA assistance to increase the surface area and enhance peptide immobilization efficiency. Ceramics International, 2021, 47, 23078-23087.	2.3	13
17	Development of a cell co-cultivation system based on protein magnetic membranes, using a MSLA 3D printer. Bioprinting, 2021, 23, e00150.	2.9	2
18	Modified Desolvation Method Enables Simple One-Step Synthesis of Gelatin Nanoparticles from Different Gelatin Types with Any Bloom Values. Pharmaceutics, 2021, 13, 1537.	2.0	13

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19	Photophysics, photochemistry and bioimaging application of 8-azapurine derivatives. Organic and Biomolecular Chemistry, 2021, 19, 9880-9896.	1.5	2
20	2â€Arylâ€2,4â€dihydroâ€5‹i›H‹/i›â€[1,2,3]triazolo[4,5â€‹i›d‹/i›]pyrimidinâ€5â€one as a New Platform for the Design and Synthesis of Biosensors and Chemosensors. European Journal of Organic Chemistry, 2020, 2020, 316-329.	1.2	7
21	Supporting data and methods for the characterization of iron oxide nanoparticles conjugated with pH-(low)-insertion peptide, testing their cytotoxicity and analyses of biodistribution in SCID mice bearing MDA-MB231 tumor. Data in Brief, 2020, 29, 105062.	0.5	9
22	Two Approaches for the Synthesis of Fused Dihydropyridines via a 1,6-Electrocyclic Reaction: Fluorescent Properties and Prospects for Application. Journal of Organic Chemistry, 2020, 85, 13837-13852.	1.7	3
23	5-Amino-2-aryl-1,2,3-triazol-4-carboxylic acids: Synthesis, photophysical properties, and application prospects. Dyes and Pigments, 2020, 178, 108343.	2.0	13
24	Unconventional magnetism of non-uniform distribution of Co in TiO2 nanoparticles. Journal of Alloys and Compounds, 2020, 826, 154194.	2.8	8
25	L-Lysine-modified Fe3O4 nanoparticles for magnetic cell labeling. Colloids and Surfaces B: Biointerfaces, 2020, 190, 110879.	2.5	25
26	Low-cost Smart Camera System for Water Stress Detection in Crops. , 2020, , .		7
27	Cobaltâ€“carbon nanocomposite catalysts of gas-phase hydrodechlorination of chlorobenzene. Applied Surface Science, 2019, 463, 395-402.	3.1	14
28	Structure and magnetic properties of carbon encapsulated FeCo@C and FeNi@C nanoparticles. Materials Letters, 2019, 254, 202-205.	1.3	13
29	Evolution of the Structure and Magnetic Properties of Ni@C Composite Nanoparticles upon Annealing. Physics of Metals and Metallography, 2019, 120, 228-232.	0.3	8
30	Synthesis, Magnetic Properties, and Relaxivity of CoFe@C and NiFe@C Nanocomposites. Physics of Metals and Metallography, 2019, 120, 254-259.	0.3	3
31	Optical Properties of a Nanocrystalline Co-Doped TiO2 after Various Treatments. Physics of the Solid State, 2019, 61, 901-907.	0.2	0
32	Application of NMR for quantification of magnetic nanoparticles and development of paper-based assay. Journal of Physics: Conference Series, 2019, 1389, 012069.	0.3	5
33	Dimerization and low-dimensional magnetism in nanocrystalline TiO‹sub›2‹/sub› semiconductors doped by Fe and Co. Journal of Physics: Conference Series, 2019, 1389, 012026.	0.3	1
34	Two different types of ferromagnetic state in TiO2-Co nanopowders. Journal of Physics: Conference Series, 2019, 1389, 012046.	0.3	0
35	Immobilization of a pH-low insertion peptide onto SiO2/aminosilane-coated magnetite nanoparticles. Mendeleev Communications, 2019, 29, 631-634.	0.6	13
36	Formation of Feâ€“Fe Antiferromagnetic Dimers in Doped TiO2:Fe Nanoparticles. Journal of Physical Chemistry C, 2019, 123, 1494-1505.	1.5	9

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37	Recruitment of macrophages and bone marrow stem cells to regenerating liver promoted by sodium phthalhydrazide in mice. Biomedicine and Pharmacotherapy, 2019, 110, 594-601.	2.5	5
38	Modifying the surface of cerium oxide nanopowders produced by physical method. AIP Conference Proceedings, 2019, , .	0.3	0
39	Conjugation of carbon coated-iron nanoparticles with biomolecules for NMR-based assay. Colloids and Surfaces B: Biointerfaces, 2019, 176, 256-264.	2.5	20
40	NMR Relaxometry at Quantification of the Captured Magnetic Nanoparticles by Cells. Physics of Metals and Metallography, 2019, 120, 1341-1346.	0.3	4
41	Comparative Toxicity of CuZn Nanoparticles with Different Physical and Chemical Characteristics. Oriental Journal of Chemistry, 2019, 35, 973-981.	0.1	1
42	Magnetic Properties and Structure of TiO2-Mn (0.73%) Nanopowders: the Effects of Electron Irradiation and Vacuum Annealing. Letters on Materials, 2019, 9, 91-96.	0.2	4
43	PMIDA-Modified Fe₃O₄ Magnetic Nanoparticles: Synthesis and Application for Liver MRI. Langmuir, 2018, 34, 3449-3458.	1.6	42
44	Synthesis and properties of 5-aryl-3-diazo-3H-pyrazoles and 3-aryl-1H-pyrazole-5-diazonium salts. Preparation and cytolytic activity studies of 2-arylpyrazolo-[5,1-c][1,2,4]benzotriazines. Chemistry of Heterocyclic Compounds, 2018, 54, 1145-1152.	0.6	6
45	Fluorescent boron complexes based on new N,O-chelates as promising candidates for flow cytometry. Organic and Biomolecular Chemistry, 2018, 16, 5150-5162.	1.5	20
46	Appearance of itinerant electrons detected by IR spectroscopy and its correlation with surface magnetism in Co-doped TiO2 nanopowders. EPJ Web of Conferences, 2018, 185, 03006.	0.1	0
47	Anomalous magnetism of the nanocrystalline oxide TiO2 surface. Physics of the Solid State, 2017, 59, 469-482.	0.2	7
48	Iron-core/carbon-shell nanoparticles with intrinsic peroxidase activity: new platform for mimetic glucose detection. Analytical Methods, 2017, 9, 2433-2439.	1.3	14
49	3-Aminopropylsilane-modified iron oxide nanoparticles for contrast-enhanced magnetic resonance imaging of liver lesions induced by Opisthorchis felineus. International Journal of Nanomedicine, 2016, Volume 11, 4451-4463.	3.3	32
50	Surface Magnetism of Cobalt-Doped Anatase TiO₂ Nanopowders. Journal of Physical Chemistry C, 2016, 120, 28857-28866.	1.5	22
51	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.	0.3	1
52	The design of hybrid materials based on magnetic Fe3O4 nanoparticles and luminescent CdS nanoparticles for cell visualization. Doklady Chemistry, 2016, 467, 118-121.	0.2	5
53	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