Gholamreza Nabiyouni

List of Publications by Year
in descending order

51 papers	1,078 citations	430442 18 h-index	414034 32 g-index
51 all docs	51 docs citations	51 times ranked	1275 citing authors

#	Article	IF	Citations
1	Simple synthesis of conductive poly aniline/cobalt ferrite magnetic nanocomposite: its radio waves absorption and photo catalyst ability. Journal of Cluster Science, 2022, 33, 1257-1266.	1.7	9
2	Structure, magnetic properties and giant magnetoresistance of granular cobaltâ€“silver films. Applied Physics A: Materials Science and Processing, 2022, 128, 1.	1.1	4
3	The effect of the magnetically dead layer on the magnetization and the magnetic anisotropy of the dextran-coated magnetite nanoparticles. Applied Physics A: Materials Science and Processing, 2022, 128, .	1.1	10
4	Correlation between effects of the particle size and magnetic field strength on the magnetic hyperthermia efficiency of dextran-coated magnetite nanoparticles. Materials Science and Engineering C, 2020, 117, 111274.	3.8	32
5	Studying magnetic properties and surface roughness evolution of Ag-Co electrodeposited films. Journal of Magnetism and Magnetic Materials, 2019, 490, 165501.	1.0	8
6	A novel magnetic MgFe2O4â€“MgTiO3 perovskite nanocomposite: Rapid photo-degradation of toxic dyes under visible irradiation. Composites Part B: Engineering, 2019, 175, 107080.	5.9	89
7	Preparation of a new magnetic and photo-catalyst CoFe2O4â€“SrTiO3 perovskite nanocomposite for photo-degradation of toxic dyes under short time visible irradiation. Composites Part B: Engineering, 2019, 176, 107343.	5.9	71
8	A short time microwave method for synthesis of magnetic NiFe2O4/NiO nanocomposites as a clean technology in photocatalytic degradation of water pollutants. Journal of Materials Science: Materials in Electronics, 2019, 30, 8171-8181.	1.1	6
9	Facile and versatile preparation of full-color emissive Fe-doped ZnCdSe/ZnS core/shell quantum dots by a novel aqueous-based colloidal approach. Journal of Luminescence, 2019, 205, 525-531.	1.5	7
10	Optimal size for heating efficiency of superparamagnetic dextran-coated magnetite nanoparticles for application in magnetic fluid hyperthermia. Physica C: Superconductivity and Its Applications, 2018, 549, 84-87.	0.6	21
11	Rapid photo-degradation of toxic dye pollutants: green synthesis of mono-disperse Fe3O4â€“CeO2 nanocomposites in the presence of lemon extract. Journal of Materials Science: Materials in Electronics, 2018, 29, 11065-11080.	1.1	40
12	Preparation of tin ferriteâ€“tin oxide by hydrothermal, precipitation and auto-combustion: photo-catalyst and magnetic nanocomposites for degradation of toxic azo-dyes. Journal of Materials Science: Materials in Electronics, 2018, 29, 1766-1776.	1.1	22
13	Physics responsible for heating efficiency and self-controlled temperature rise of magnetic nanoparticles in magnetic hyperthermia therapy. Progress in Biophysics and Molecular Biology, 2018, 133, 9-19.	1.4	116
14	Simple and green synthesis of CuFe2O4â€“CuO nanocomposite using some natural extracts: photo-degradation and magnetic study of nanoparticles. Journal of Materials Science: Materials in Electronics, 2018, 29, 4689-4703.	1.1	23
15	Conventional and fractal analyses and nanoscale behavior studies of electrodeposited silver films. Physica B: Condensed Matter, 2018, 548, 46-52.	1.3	4
16	Aqueous-based synthesis of Cd-free and highly emissive Fe-doped ZnSe(S)/ZnSe(S) core/shell quantum dots with antibacterial activity. Journal of Colloid and Interface Science, 2018, 529, 520-530.	5.0	17
17	pH-dependent optical properties of N-acetyl-L-cysteine-capped ZnSe(S) nanocrystals with intense/stable emissions. Journal of Nanoparticle Research, 2017, 19, 1.	0.8	16
18	High impact of in situ dextran coating on biocompatibility, stability and magnetic properties of iron oxide nanoparticles. Materials Science and Engineering C, 2017, 75, 947-956.	3.8	88

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19	Magnetic and photo-catalyst BaFe12O19-ZnO: Hydrothermal preparation of barium ferrite nanoparticles and hexagonal zinc oxide nanostructures. Journal of Materials Science: Materials in Electronics, 2017, 28, 6607-6618.	1.1	13
20	Preparation of Highly Biocompatible ZnSe Quantum Dots Using a New Source of Acetyl Cysteine as Capping Agent. Journal of Fluorescence, 2017, 27, 1581-1586.	1.3	6
21	Facile synthesis of hexagonal strontium ferrite nanostructures and hard magnetic poly carbonate nanocomposite. Main Group Metal Chemistry, 2017, 40, .	0.6	3
22	Photo-catalyst CoBixFe2â^'xO4â€“Bi2O3 nanocomposite: effect of bismuth substitution in magnetic properties of cobalt ferrite. Journal of Materials Science: Materials in Electronics, 2017, 28, 3083-3089.	1.1	3
23	Green synthesis of magnetic and photo-catalyst PbFe12O19â^'PbS nanocomposites by lemon extract: nano-sphere PbFe12O19 and star-like PbS. Journal of Materials Science: Materials in Electronics, 2017, 28, 1101-1114.	1.1	14
24	Lead hexa-ferrites and magnetic cellulose acetate nanocomposites: study of magnetization, coercivity and remanence. Journal of Materials Science: Materials in Electronics, 2016, 27, 7738-7749.	1.1	4
25	Photo-catalyst Fe3O4/TiO2 nanocomposites: green synthesis and investigation of magnetic nanoparticles coated on cotton. Journal of Materials Science: Materials in Electronics, 2016, 27, 8661-8669.	1.1	29
26	Preparation of Ni(OH)2, NiO and NiFe2O4 nanoparticles: magnetic and photo-catalyst NiFe2O4â€“NiO nanocomposites. Journal of Materials Science: Materials in Electronics, 2016, 27, 13338-13350.	1.1	15
27	Photo-degradation of Congored, acid brown and acid violet: photo catalyst and magnetic investigation of CuFe2O4â€“TiO2â€“Ag nanocomposites. Journal of Materials Science: Materials in Electronics, 2016, 27, 11017-11033.	1.1	51
28	Aqueous based synthesis of N-acetyl- l -cysteine capped ZnSe nanocrystals with intense blue emission. Optical Materials, 2016, 60, 564-570.	1.7	20
29	Photo-degradation of acid blue, black and brown: photo catalyst and magnetic investigation of CoFe2O4â€“SnO2 nanoparticles and nano composites. Journal of Materials Science: Materials in Electronics, 2016, 27, 12160-12173.	1.1	10
30	Photo-catalyst and magnetic investigation of BaFe12O19â€“ZnO nanoparticles and nanocomposites. Journal of Materials Science: Materials in Electronics, 2016, 27, 11339-11352.	1.1	19
31	Photo-degradation of azo dyes: photo catalyst and magnetic investigation of CuFe2O4â€“TiO2 nanoparticles and nanocomposites. Journal of Materials Science: Materials in Electronics, 2016, 27, 9962-9975.	1.1	43
32	Investigation of size dependent Curie temperature and magnetization of bismuth substituted zinc ferrite (ZnBixFe2â^'xO4) nanoparticles. Journal of Materials Science: Materials in Electronics, 2016, 27, 4699-4704.	1.1	1
33	SrFe12O19 ferrites and hard magnetic PVA nanocomposite: investigation of magnetization, coecivity and remanence. Journal of Materials Science: Materials in Electronics, 2016, 27, 4297-4306.	1.1	16
34	A Simple Chemical Method for Synthesis of BaFe₁₂O₁₉ Hard Magnetic Nanoparticles. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2016, 46, 19-24.	0.6	1
35	Photo-degradation of azo-dyes by applicable magnetic zeolite Yâ€“Silverâ€“CoFe2O4 nanocomposites. Journal of Materials Science: Materials in Electronics, 2016, 27, 5315-5323.	1.1	37
36	Microwave-Assisted Synthesis of BaFe₁₂O₁₉ Nanoparticles and Ethyl Cellulose-Based Magnetic Nanocomposite. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2016, 46, 163-167.	0.6	1

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37	Magnetic Investigation of Various NiFe2â^'x Bi x O4 Ferrite Nanostructures Synthesized by Ball Milling Technique. Journal of Cluster Science, 2016, 27, 1005-1015.	1.7	2
38	Synthesis, characterization and magnetic investigations of Fe3O4 nanoparticles and zeolite-Y nanocomposites prepared by precipitation method. Journal of Materials Science: Materials in Electronics, 2015, 26, 5677-5685.	1.1	9
39	Optical and magnetic investigation of Co-doped-TiO2: various morphologies of titanium dioxide nanostructures. Journal of Materials Science: Materials in Electronics, 2015, 26, 8047-8053.	1.1	3
40	Room temperature synthesis and magnetic property studies of Fe 3 O 4 nanoparticles prepared by a simple precipitation method. Journal of Industrial and Engineering Chemistry, 2015, 21, 599-603.	2.9	51
41	A sonochemical-assisted synthesis of spherical silica nanostructures by using a new capping agent. Ceramics International, 2014, 40, 495-499.	2.3	40
42	Fabrication and magnetic study of Co/Pt multilayer nanowires and Coâ€“Pt alloy nanowires electrodeposited into porous Si substrates. Journal of Experimental Nanoscience, 2014, 9, 186-196.	1.3	2
43	A sonochemical-assisted method for synthesis of BaFe12O19 nanoparticles and hard magnetic nanocomposites. Journal of Industrial and Engineering Chemistry, 2014, 20, 3425-3429.	2.9	19
44	A Simple Microwave Method for Synthesis of CdS Nanoparticles. Journal of Cluster Science, 2013, 24, 1043-1055.	1.7	4
45	Synergistic Effect between Sb2O3 Nanostructure and Brominated Compound on the Flame Retardant Properties of the Polymeric Matrixes. High Temperature Materials and Processes, 2013, 32, 125-132.	0.6	14
46	A Simple Method for Synthesis of PbS Nanoparticles Using 2-Mercaptoethanol as the Capping Agent. High Temperature Materials and Processes, 2012, 31, 723-725.	0.6	10
47	Room temperature synthesis of lead sulfide nanoparticles. Main Group Metal Chemistry, 2012, 35, .	0.6	0
48	Thermal, magnetic, and optical characteristics of ABSâ€Fe₂O₃ nanocomposites. Journal of Applied Polymer Science, 2012, 125, 3268-3274.	1.3	43
49	Effect of platinum precursor on the nanoparticle size synthesised in microemulsion system. Journal of Experimental Nanoscience, 2011, 6, 305-310.	1.3	11
50	GMR IN ELECTRODEPOSITED SUPERLATTICES. , 2010, , 139-171.		0
51	Preparation and photocatalytic study of CoFe2O4/TiO2/Au nanocomposites and their applications in organic pollutant degradation and modeling by an artificial neural network (ANN). Journal of Materials Science: Materials in Electronics, 0, , 1.	1.1	1