Mahmoud Goodarz Naseri

List of Publications by Year
in descending order

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45 papers	1,639 citations	394421 19 h-index	289244 40 g-index
45 all docs	45 docs citations	45 times ranked	1760 citing authors

#	Article	IF	Citations
1	Synthesis and characterization of manganese ferrite nanoparticles by thermal treatment method. Journal of Magnetism and Magnetic Materials, 2011, 323, 1745-1749.	2.3	184
2	Synthesis and characterization of zinc ferrite nanoparticles by a thermal treatment method. Solid State Communications, 2011, 151, 1031-1035.	1.9	172
3	Simple preparation and characterization of nickel ferrite nanocrystals by a thermal treatment method. Powder Technology, 2011, 212, 80-88.	4.2	156
4	Simple Synthesis and Characterization of Cobalt Ferrite Nanoparticles by a Thermal Treatment Method. Journal of Nanomaterials, 2010, 2010, 1-8.	2.7	136
5	Fabrication, characterization, and magnetic properties of copper ferrite nanoparticles prepared by a simple, thermal-treatment method. Materials Research Bulletin, 2013, 48, 1439-1446.	5.2	111
6	Superparamagnetic magnesium ferrite nanoparticles fabricated by a simple, thermal-treatment method. Journal of Magnetism and Magnetic Materials, 2014, 350, 141-147.	2.3	88
7	A comprehensive overview on the structure and comparison of magnetic properties of nanocrystalline synthesized by a thermal treatment method. Journal of Physics and Chemistry of Solids, 2014, 75, 315-327.	4.0	67
8	An Overview on Nanocrystalline ZnFe₂O₄, MnFe₂O₄, and CoFe₂O₄ Synthesized by a Thermal Treatment Method. ISRN Nanotechnology, 2012, 2012, 1-11.	1.3	55
9	Surface plasmon resonance sensor for detecting of arsenic in aqueous solution using polypyrrole-chitosan-cobalt ferrite nanoparticles composite layer. Optics Communications, 2017, 383, 132-137.	2.1	52
10	Polypyrrole-chitosan/nickel-ferrite nanoparticle composite layer for detecting heavy metal ions using surface plasmon resonance technique. Optics and Laser Technology, 2017, 93, 216-223.	4.6	46
11	Co1â^'XZnxFe2O4 based nanocarriers for dual-targeted anticancer drug delivery: Synthesis, characterization and in vivo and in vitro biocompatibility study. Journal of Molecular Liquids, 2019, 274, 60-67.	4.9	42
12	Optical and magnetic properties of monophasic cadmium ferrite (CdFe2O4) nanostructure prepared by thermal treatment method. Journal of Magnetism and Magnetic Materials, 2015, 392, 107-113.	2.3	40
13	Acetone sensing behavior of p-SmFeO3/n-ZnO nanocomposite synthesized by thermal treatment method. Sensors and Actuators B: Chemical, 2020, 304, 127252.	7.8	38
14	The amazing effects and role of PVP on the crystallinity, phase composition and morphology of nickel ferrite nanoparticles prepared by thermal treatment method. International Nano Letters, 2013, 3, 1.	5.0	30
15	Enhanced microwave absorption performance of graphene/doped Li ferrite nanocomposites. Advanced Powder Technology, 2021, 32, 4697-4710.	4.1	26
16	A Novel Research on Behavior of Zinc Ferrite Nanoparticles in Different Concentration of Poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.3	24
17	Effect of calcination temperature on the physical properties of LiFe5O8 nanostructures. Advanced Powder Technology, 2019, 30, 952-960.	4.1	24
18	Synthesis and Characterization of Ni-Zn Ferrite Nanoparticles (Ni_{0.25}Zn_{0.75}Fe<sub>2</ by Thermal Treatment Method. Advances in Nanoparticles, 2013, 02, 378-383.	1.8	23

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19	Structure and Physical Properties of NiO/Co3O4 Nanoparticles. Metals, 2016, 6, 181.	2.3	23
20	In vivo and inÂvitro biocompatibility study of MnFe₂O₄ and Cr₂Fe₆O₁₂ as photosensitizer for photodynamic therapy and drug delivery of anti-cancer drugs. Drug Development and Industrial Pharmacy, 2020, 46, 846-851.	2.0	22
21	Fabrication of a novel chromium-iron oxide (Cr2Fe6O12) nanoparticles by thermal treatment method. Journal of Magnetism and Magnetic Materials, 2015, 389, 113-119.	2.3	19
22	Effect of phase transformation on physical and biological properties of PVA/CaFe2O4 nanocomposite. Fibers and Polymers, 2016, 17, 1667-1674.	2.1	19
23	Enhanced photocatalytic and antibacterial activities of RGO/LiFe5O8 nanocomposites. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 385, 112063.	3.9	19
24	Effect of Cu substitution on the magnetic and magnetic induction heating response of CdFe2O4 spinel ferrite. Journal of Magnetism and Magnetic Materials, 2020, 499, 166201.	2.3	19
25	Gas sensing and electrochemical properties of rare earthferrite, LnFeO 3 (LnÂ=ÂNd, Sm). Ceramics International, 2020, 46, 26682-26688.	4.8	18
26	Laser based fabrication of chitosan mediated silver nanoparticles. Applied Physics A: Materials Science and Processing, 2011, 105, 255-259.	2.3	17
27	NdFeO3 as a new electrocatalytic material for the electrochemical monitoring of dopamine. Analytical and Bioanalytical Chemistry, 2019, 411, 7681-7688.	3.7	17
28	Structure and physical properties of Fe6 O8/ba Fe6 O11 nanostructure. Journal of Magnetism and Magnetic Materials, 2016, 406, 200-206.	2.3	15
29	The effect of SiO 2 and TiO 2 nanoparticles on physical properties of SrFe 12 O 19 nanoparticle. Current Applied Physics, 2018, 18, 469-476.	2.4	15
30	The effect of Ag nanoparticles on physical and photocatalytic properties of ZnFe2O4/SiO2 nanocomposite. Journal of Molecular Structure, 2020, 1206, 127706.	3.6	15
31	Silver Nanoparticle Fabrication by Laser Ablation in Polyvinyl Alcohol Solutions. Chinese Physics Letters, 2014, 31, 077803.	3.3	14
32	The effects and roles of PVP on the phase composition, morphology and magnetic properties of cobalt ferrite nanoparticles prepared by thermal treatment method. Fibers and Polymers, 2012, 13, 831-836.	2.1	13
33	The Effect of Calcination Temperature on the Anticancer Activity of CaFe2O4@PVA Nanocarriers: Photodynamic Therapy and Drug Delivery Study. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 5261-5269.	3.7	13
34	Improving the anti-cancer activity of quercetin-loaded AgFeO2 through UV irradiation: Synthesis, characterization, and in vivo and in vitro biocompatibility study. Journal of Drug Delivery Science and Technology, 2020, 57, 101645.	3.0	10
35	Enhanced visible light activity of EuFeO3/TiO2 nanocomposites prepared by thermal treatmentâ€“hydrolysis precipitation method. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	9
36	Optical, Magnetic and Gas Sensing Properties of LaFeO3 Nanoparticles Synthesized by Different Chemical Methods. Journal of Electronic Materials, 2019, 48, 6503-6511.	2.2	8

#	Article	IF	Citations
37	Evaluation of physical properties, cytotoxicity, and antibacterial activities of calciumâ€“cadmium ferrite nanoparticles. Applied Physics A: Materials Science and Processing, 2022, 128, 1.	2.3	8
38	Surface Plasmon Resonance Sensor Based on Polypyrroleâ€“Chitosanâ€“BaFe2O4 Nanocomposite Layer to Detect the Sugar. Applied Sciences (Switzerland), 2020, 10, 2855.	2.5	6
39	57Fe Mossbauer spectroscopy investigation of NiFe2O4 and MnFe2O4 ferrite nanoparticles prepared by thermal treatment method. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	5
40	Evaluation of physical properties, mechanism and photocatalytic activities of potassium ferrate nanostructures as an adsorbent for MB dye under UV light. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	4
41	Synthesis of pâ€“n heterojunction SrFeO3â^'x/TiO2 via thermal treatment/hydrolysis precipitation method with enhanced visibleâ€light activity. Journal of Materials Science: Materials in Electronics, 2022, 33, 5790-5805.	2.2	4
42	Synthesis, characterization and cytotoxicity study of graphene/doped ZnO/SiO2 nanocomposites. Applied Physics A: Materials Science and Processing, 2022, 128, 1.	2.3	4
43	Magnetically targeted delivery of Quercetin-loaded Ca1â€“xMnxFe2O4 nanocarriers: synthesis, characterization and in vitro study on HEK 293-T and MCF-7 cell lines. Applied Physics A: Materials Science and Processing, 2022, 128, 1.	2.3	4
44	A comprehensive research on BiFeO3/TiO2 nanocomposite synthesized via thermal treatment/hydrolysis precipitation method. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	3
45	Investigation of Corrosiveness Biodiesel Blends Using Polypyrrole Chitosan-Cobalt/Ferrite Nanocomposite. Protection of Metals and Physical Chemistry of Surfaces, 2019, 55, 72-79.	1.1	2