Seyed Mostafa Hosseinpour Mashkani

List of Publications by Year
in descending order

58	2,318	185998 28	205818 48
papers	citations	h-index	g-index

58	58	58	2325
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microwave-assisted synthesis and photovoltaic measurements of CuInS2 nanoparticles prepared by using metalâ€“organic precursors. Materials Research Bulletin, 2012, 47, 3148-3159.	2.7	157
2	Silver and silver oxide nanoparticles: Synthesis and characterization by thermal decomposition. Materials Letters, 2014, 130, 259-262.	1.3	136
3	Facile microwave synthesis, characterization, and solar cell application of selenium nanoparticles. Journal of Alloys and Compounds, 2014, 617, 627-632.	2.8	113
4	Ce(MoO4)2 nanostructures: Synthesis, characterization, and its photocatalyst application through the ultrasonic method. Journal of Molecular Liquids, 2016, 216, 1-5.	2.3	102
5	Precipitation Synthesis, Characterization, Morphological Control, and Photocatalyst Application of ZnWO4 Nanoparticles. Journal of Electronic Materials, 2016, 45, 3612-3620.	1.0	94
6	Synthesis and characterization of rod-like CaMoO4 nanostructure via free surfactant sonochemical route and its photocatalytic application. Journal of Materials Science: Materials in Electronics, 2016, 27, 4351-4355.	1.1	84
7	Synthesis, characterization, and antibacterial activities of ZnLaFe 2 O 4 /NiTiO 3 nanocomposite. Journal of Molecular Structure, 2017, 1139, 430-435.	1.8	76
8	A simple sonochemical approach for synthesis of selenium nanostructures and investigation of its light harvesting application. Ultrasonics Sonochemistry, 2015, 23, 246-256.	3.8	73
9	Synthesis, characterization, and morphological control of CaCu3Ti4O12 through modify solâ€“gel method. Journal of Materials Science: Materials in Electronics, 2015, 26, 6086-6091.	1.1	71
10	A simple sonochemical synthesis and characterization of CdWO4 nanoparticles and its photocatalytic application. Journal of Materials Science: Materials in Electronics, 2016, 27, 3240-3244.	1.1	70
11	Synthesis, characterization, and morphological control of ZnMoO4 nanostructures through precipitation method and its photocatalyst application. Journal of Materials Science: Materials in Electronics, 2015, 26, 7588-7594.	1.1	67
12	Green synthesis and characterization of NaEuTi2O6 nanoparticles and its photocatalyst application. Journal of Materials Science: Materials in Electronics, 2017, 28, 4345-4350.	1.1	65
13	Controlling the synthesis SrMoO4 nanostructures and investigation its photocatalyst application. Journal of Materials Science: Materials in Electronics, 2016, 27, 5758-5763.	1.1	64
14	Simple synthesis and characterization of copper tungstate nanoparticles: investigation of surfactant effect and its photocatalyst application. Journal of Materials Science: Materials in Electronics, 2016, 27, 7548-7553.	1.1	61
15	Controlled Synthesis of CoTiO3 Nanostructures Via Two-Step Solâ€“Gel Method in the Presence of 1,3,5-Benzenetricarboxylic Acid. Journal of Cluster Science, 2015, 26, 1305-1318.	1.7	59
16	Synthesis, characterization, and magnetic property of monoferrite BaFe2O4 nanoparticles with aid of a novel precursor. Journal of Materials Science: Materials in Electronics, 2015, 26, 3813-3818.	1.1	56
17	Investigation the effect of temperature and polymeric capping agents on the size and photocatalytic properties of NdVO4 nanoparticles. Journal of Materials Science: Materials in Electronics, 2017, 28, 16459-16466.	1.1	56
18	Synthesis and characterization of CuInS2 quantum dot in the presence of novel precursors and its application in dyes solar cells. Materials Letters, 2015, 145, 99-103.	1.3	52

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19	Synthesis, characterization, and photovoltaic application of NiTiO3 nanostructures via two-step solâ€“gel method. Journal of Materials Science: Materials in Electronics, 2015, 26, 5735-5742.	1.1	52
20	Synthesis, characterization, and morphological control of Na1/2Bi1/2Cu3Ti4O12 through modify solâ€“gel method. Journal of Materials Science: Materials in Electronics, 2015, 26, 4848-4853.	1.1	50
21	CuInS2 nanoparticles: Microwave-assisted synthesis, characterization, and photovoltaic measurements. Materials Science in Semiconductor Processing, 2013, 16, 390-402.	1.9	49
22	Application of glucose as a green capping agent and reductant to fabricate CuI micro/nanostructures. Materials Research Bulletin, 2014, 49, 14-20.	2.7	47
23	Synthesis and characterization of Fe2TiO5 nanoparticles through a solâ€“gel method and its photocatalyst applications. Journal of Materials Science: Materials in Electronics, 2015, 26, 3957-3962.	1.1	41
24	Synthesis of micro sphere-like bismuth nanoparticles by microwave assisted polyol method; designing a novel electrochemical nanosensor for ultra-trace measurement of Pb²⁺ ions. New Journal of Chemistry, 2015, 39, 4676-4684.	1.4	38
25	Synthesis and Characterization of Copper Ferrite Nanocrystals via Coprecipitation. Journal of Cluster Science, 2012, 23, 1003-1010.	1.7	36
26	Synthesis of Nickel Oxide Nanoparticles from Thermal Decomposition of a New Precursor. Journal of Cluster Science, 2012, 23, 577-583.	1.7	32
27	Sonochemical synthesis and characterization of CdS/ZnS coreâ€“shell nanoparticles and application in removal of heavy metals from aqueous solution. Superlattices and Microstructures, 2014, 66, 67-75.	1.4	32
28	An ammonia vapor-based approach to ZnO nanostructures and their study as photocatalyst material. Ceramics International, 2016, 42, 907-916.	2.3	31
29	Single-Source Molecular Precursor for Synthesis of Copper Sulfide Nanostructures. Journal of Cluster Science, 2012, 23, 1143-1151.	1.7	28
30	CuInS2 nanostructures: Synthesis, characterization, formation mechanism and solar cell applications. Journal of Industrial and Engineering Chemistry, 2014, 20, 3800-3807.	2.9	28
31	Solvent-free synthesis of mercury oxide nanoparticles by a simple thermal decomposition method. Superlattices and Microstructures, 2014, 66, 48-53.	1.4	27
32	Synthesis and characterization of lead selenide nanostructure through simple sonochemical method in the presence of novel precursor. Materials Science in Semiconductor Processing, 2014, 26, 112-118.	1.9	27
33	Controlled Synthesis, Characterization, and Photocatalytic Application of Co2TiO4 Nanoparticles. Journal of Electronic Materials, 2017, 46, 1371-1377.	1.0	27
34	Microwave Synthesis and Characterization of Spinel-type Zinc Aluminate Nanoparticles. Journal of Inorganic and Organometallic Polymers and Materials, 2012, 22, 1093-1100.	1.9	25
35	Synthesis and characterization of Bi/Bi2S3 nanocomposite through polyol method and its photovoltaic applications. Materials Letters, 2015, 144, 65-68.	1.3	24
36	Semiconductive Tl2O3 nanoparticles: Facile synthesis in liquid phase, characterization and its applications as photocatalytic substrate and electrochemical sensor. Journal of Molecular Liquids, 2016, 219, 720-727.	2.3	24

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37	Novel room temperature synthesis of ZnO nanosheets, characterization and potentials in light harvesting applications and electrochemical devices. Materials Science and Engineering C, 2016, 65, 303-312.	3.8	21
38	Facile Microwave Approach for Synthesis of Copperâ€“Indium Sulfide Nanoparticles and Study of Their Behavior in Solar Cell. Journal of Cluster Science, 2012, 23, 491-502.	1.7	19
39	Influence of Microwave Synthesis Parameters on the Size and Morphology of the Resulting MgAl2O4 Nanoparticles. Journal of Cluster Science, 2013, 24, 959-967.	1.7	18
40	Hydrothermal Synthesis of Bismuth Sulfide (Bi2S3) Nanorods: Bismuth(III) Monosalicylate Precursor in the Presence of Thioglycolic Acid. Journal of Cluster Science, 2013, 24, 349-363.	1.7	18
41	Sonochemical approach for synthesis and characterization of PbTe nanostructure. Superlattices and Microstructures, 2014, 65, 365-374.	1.4	18
42	Hydrothermal synthesis, characterization and light harvesting applications of zinc oxide nanostructures. Journal of Materials Science: Materials in Electronics, 2015, 26, 5839-5846.	1.1	18
43	Controlled synthesis of Tl2O3 nanostructures via microwave route by a novel pH adjuster and investigation of its photocatalytic activity. Journal of Materials Science: Materials in Electronics, 2015, 26, 5326-5334.	1.1	16
44	Fluorescent Superparamagnetic Î³-Fe2O3 Hollow Nanoparticles: Synthesis and Surface Modification by One-Pot Co-precipitation Method. Journal of Cluster Science, 2015, 26, 1103-1113.	1.7	15
45	AgInS2 nanostructures: sonochemical synthesis, characterization, and its solar cell application. Journal of Materials Science: Materials in Electronics, 2016, 27, 365-374.	1.1	15
46	Synthesis and Characterization of FePt/NiO Coreâ€“Shell Nanoparticles. Journal of Inorganic and Organometallic Polymers and Materials, 2012, 22, 1314-1319.	1.9	14
47	Solvothermal Synthesis and Characterization of Hollow Sphere-Like ZnS/ZnAl2S4 Nanocomposites. Journal of Inorganic and Organometallic Polymers and Materials, 2012, 22, 1122-1127.	1.9	11
48	Controlled photocatalytic degradation of basic red 46 in textile industrial wastewater with the aid of Nâ€“S codoped TiO2 (NSTO). Journal of Materials Science: Materials in Electronics, 2016, 27, 4483-4488.	1.1	9
49	Effect of Zn Addition on the Reduction of the Ordering Temperature of FePt Nanoparticles. Journal of Superconductivity and Novel Magnetism, 2013, 26, 713-717.	0.8	8
50	Synthesis, characterization and photovoltaic studies of CuInS2 nanostructures. Journal of Materials Science: Materials in Electronics, 2015, 26, 2810-2819.	1.1	8
51	Effect of precursor, microwave power and irradiation time on the particle size of CuInS2 nanoparticles. Journal of Materials Science: Materials in Electronics, 2015, 26, 7936-7947.	1.1	7
52	Synthesis and Characterization of Calcium Carbonate Nanostructures via Simple Hydrothermal Method. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2015, 45, 848-857.	0.6	7
53	PbSe@PbSO4 nanoparticles: sonochemical synthesis and characterization and its photocatalytic degradation of methylene blue. Journal of Materials Science: Materials in Electronics, 2015, 26, 3352-3356.	1.1	6
54	In2S3 nanostructures: semi-batch synthesis and characterization and its photovoltaic applications. Journal of Materials Science: Materials in Electronics, 2015, 26, 4265-4272.	1.1	5

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55	Novel silver-doped NiTiO3: auto-combustion synthesis, characterization and photovoltaic measurements. South African Journal of Chemistry, 2017, , .	0.3	5
56	Novel CaMoO4@GO Nanocomposite: Synthesis, Characterization, and Investigation its Photocatalytic Properties. Advanced Energy Conversion Materials, 0, , 87-95.	0.0	3
57	Novel precursor in synthesis, characterization of CuInS<inf>2</inf> via Microwave method. , 2011, , .		2
58	Synthesis of YTi@Ag nanocomposite and investigation of its structural and antifungal properties. Journal of the Iranian Chemical Society, 2020, 17, 103-110.	1.2	1