

Seyed Mostafa Hosseinpour Mashkani

List of Publications by Year in Descending Order

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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.

57
papers

2,017
citations

26
h-index

44
g-index

58
ext. papers

2,140
ext. citations

3.1
avg, IF

5.53
L-index

#	Paper	IF	Citations
57	Synthesis of YTi@Ag nanocomposite and investigation of its structural and antifungal properties. <i>Journal of the Iranian Chemical Society</i> , 2020 , 17, 103-110	2	1
56	Synthesis, characterization, and antibacterial activities of ZnLaFe ₂ O ₄ /NiTiO ₃ nanocomposite. <i>Journal of Molecular Structure</i> , 2017 , 1139, 430-435	3.4	72
55	Investigation the effect of temperature and polymeric capping agents on the size and photocatalytic properties of NdVO ₄ nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 16459-16466	2.1	51
54	Controlled Synthesis, Characterization, and Photocatalytic Application of Co ₂ TiO ₄ Nanoparticles. <i>Journal of Electronic Materials</i> , 2017 , 46, 1371-1377	1.9	23
53	Green synthesis and characterization of NaEuTi ₂ O ₆ nanoparticles and its photocatalyst application. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 4345-4350	2.1	60
52	Novel silver-doped NiTiO ₃ : auto-combustion synthesis, characterization and photovoltaic measurements. <i>South African Journal of Chemistry</i> , 2017 ,	1.8	3
51	AgInS ₂ nanostructures: sonochemical synthesis, characterization, and its solar cell application. <i>Journal of Materials Science: Materials in Electronics</i> , 2016 , 27, 365-374	2.1	14
50	An ammonia vapor-based approach to ZnO nanostructures and their study as photocatalyst material. <i>Ceramics International</i> , 2016 , 42, 907-916	5.1	25
49	Precipitation Synthesis, Characterization, Morphological Control, and Photocatalyst Application of ZnWO ₄ Nanoparticles. <i>Journal of Electronic Materials</i> , 2016 , 45, 3612-3620	1.9	85
48	A simple sonochemical synthesis and characterization of CdWO ₄ nanoparticles and its photocatalytic application. <i>Journal of Materials Science: Materials in Electronics</i> , 2016 , 27, 3240-3244	2.1	64
47	Ce(MoO ₄) ₂ nanostructures: Synthesis, characterization, and its photocatalyst application through the ultrasonic method. <i>Journal of Molecular Liquids</i> , 2016 , 216, 1-5	6	91
46	Controlled photocatalytic degradation of basic red 46 in textile industrial wastewater with the aid of NB codoped TiO ₂ (NSTO). <i>Journal of Materials Science: Materials in Electronics</i> , 2016 , 27, 4483-4488	2.1	7
45	Synthesis and characterization of rod-like CaMoO ₄ nanostructure via free surfactant sonochemical route and its photocatalytic application. <i>Journal of Materials Science: Materials in Electronics</i> , 2016 , 27, 4351-4355	2.1	78
44	Controlling the synthesis SrMoO ₄ nanostructures and investigation its photocatalyst application. <i>Journal of Materials Science: Materials in Electronics</i> , 2016 , 27, 5758-5763	2.1	56
43	Simple synthesis and characterization of copper tungstate nanoparticles: investigation of surfactant effect and its photocatalyst application. <i>Journal of Materials Science: Materials in Electronics</i> , 2016 , 27, 7548-7553	2.1	54
42	Semiconductive Ti ₂ O ₃ nanoparticles: Facile synthesis in liquid phase, characterization and its applications as photocatalytic substrate and electrochemical sensor. <i>Journal of Molecular Liquids</i> , 2016 , 219, 720-727	6	23
41	Novel room temperature synthesis of ZnO nanosheets, characterization and potentials in light harvesting applications and electrochemical devices. <i>Materials Science and Engineering C</i> , 2016 , 65, 303-12 ^{8,3}	8.3	15

40	PbSe@PbSO ₄ nanoparticles: sonochemical synthesis and characterization and its photocatalytic degradation of methylene blue. <i>Journal of Materials Science: Materials in Electronics</i> , 2015 , 26, 3352-3356 ^{2.1}	2.1	6
39	Effect of precursor, microwave power and irradiation time on the particle size of CuInS ₂ nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , 2015 , 26, 7936-7947	2.1	7
38	Synthesis, characterization, and morphological control of ZnMoO ₄ nanostructures through precipitation method and its photocatalyst application. <i>Journal of Materials Science: Materials in Electronics</i> , 2015 , 26, 7588-7594	2.1	56
37	Controlled synthesis of TiO ₂ nanostructures via microwave route by a novel pH adjuster and investigation of its photocatalytic activity. <i>Journal of Materials Science: Materials in Electronics</i> , 2015 , 26, 5326-5334	2.1	16
36	Synthesis, characterization, and magnetic property of monoferrite BaFe ₂ O ₄ nanoparticles with aid of a novel precursor. <i>Journal of Materials Science: Materials in Electronics</i> , 2015 , 26, 3813-3818	2.1	53
35	Synthesis and characterization of Fe ₂ TiO ₅ nanoparticles through a sol-gel method and its photocatalyst applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2015 , 26, 3957-3962	2.1	36
34	Synthesis, characterization, and morphological control of CaCu ₃ Ti ₄ O ₁₂ through modify sol-gel method. <i>Journal of Materials Science: Materials in Electronics</i> , 2015 , 26, 6086-6091	2.1	68
33	Synthesis, characterization, and photovoltaic application of NiTiO ₃ nanostructures via two-step sol-gel method. <i>Journal of Materials Science: Materials in Electronics</i> , 2015 , 26, 5735-5742	2.1	47
32	In ₂ S ₃ nanostructures: semi-batch synthesis and characterization and its photovoltaic applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2015 , 26, 4265-4272	2.1	5
31	Synthesis, characterization, and morphological control of Na _{1/2} Bi _{1/2} Cu ₃ Ti ₄ O ₁₂ through modify sol-gel method. <i>Journal of Materials Science: Materials in Electronics</i> , 2015 , 26, 4848-4853	2.1	47
30	Synthesis of micro sphere-like bismuth nanoparticles by microwave assisted polyol method; designing a novel electrochemical nanosensor for ultra-trace measurement of Pb ²⁺ ions. <i>New Journal of Chemistry</i> , 2015 , 39, 4676-4684	3.6	27
29	Fluorescent Superparamagnetic Fe ₂ O ₃ Hollow Nanoparticles: Synthesis and Surface Modification by One-Pot Co-precipitation Method. <i>Journal of Cluster Science</i> , 2015 , 26, 1103-1113	3	15
28	Controlled Synthesis of CoTiO ₃ Nanostructures Via Two-Step Sol-Gel Method in the Presence of 1,3,5-Benzenetricarboxylic Acid. <i>Journal of Cluster Science</i> , 2015 , 26, 1305-1318	3	55
27	Synthesis and Characterization of Calcium Carbonate Nanostructures via Simple Hydrothermal Method. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2015 , 45, 848-857		3
26	A simple sonochemical approach for synthesis of selenium nanostructures and investigation of its light harvesting application. <i>Ultrasonics Sonochemistry</i> , 2015 , 23, 246-56	8.9	54
25	Hydrothermal synthesis, characterization and light harvesting applications of zinc oxide nanostructures. <i>Journal of Materials Science: Materials in Electronics</i> , 2015 , 26, 5839-5846	2.1	15
24	Synthesis and characterization of CuInS ₂ quantum dot in the presence of novel precursors and its application in dyes solar cells. <i>Materials Letters</i> , 2015 , 145, 99-103	3.3	51
23	Synthesis, characterization and photovoltaic studies of CuInS ₂ nanostructures. <i>Journal of Materials Science: Materials in Electronics</i> , 2015 , 26, 2810-2819	2.1	8

22	Synthesis and characterization of Bi/Bi ₂ S ₃ nanocomposite through polyol method and its photovoltaic applications. <i>Materials Letters</i> , 2015 , 144, 65-68	3.3	18
21	Solvent-free synthesis of mercury oxide nanoparticles by a simple thermal decomposition method. <i>Superlattices and Microstructures</i> , 2014 , 66, 48-53	2.8	24
20	Synthesis and characterization of lead selenide nanostructure through simple sonochemical method in the presence of novel precursor. <i>Materials Science in Semiconductor Processing</i> , 2014 , 26, 112-118	4.3	26
19	CuInS ₂ nanostructures: Synthesis, characterization, formation mechanism and solar cell applications. <i>Journal of Industrial and Engineering Chemistry</i> , 2014 , 20, 3800-3807	6.3	26
18	Facile microwave synthesis, characterization, and solar cell application of selenium nanoparticles. <i>Journal of Alloys and Compounds</i> , 2014 , 617, 627-632	5.7	73
17	Silver and silver oxide nanoparticles: Synthesis and characterization by thermal decomposition. <i>Materials Letters</i> , 2014 , 130, 259-262	3.3	109
16	Sonochemical synthesis and characterization of CdS/ZnS core-shell nanoparticles and application in removal of heavy metals from aqueous solution. <i>Superlattices and Microstructures</i> , 2014 , 66, 67-75	2.8	24
15	Application of glucose as a green capping agent and reductant to fabricate CuI micro/nanostructures. <i>Materials Research Bulletin</i> , 2014 , 49, 14-20	5.1	35
14	Sonochemical approach for synthesis and characterization of PbTe nanostructure. <i>Superlattices and Microstructures</i> , 2014 , 65, 365-374	2.8	16
13	Influence of Microwave Synthesis Parameters on the Size and Morphology of the Resulting MgAl ₂ O ₄ Nanoparticles. <i>Journal of Cluster Science</i> , 2013 , 24, 959-967	3	17
12	Hydrothermal Synthesis of Bismuth Sulfide (Bi ₂ S ₃) Nanorods: Bismuth(III) Monosalicylate Precursor in the Presence of Thioglycolic Acid. <i>Journal of Cluster Science</i> , 2013 , 24, 349-363	3	14
11	Effect of Zn Addition on the Reduction of the Ordering Temperature of FePt Nanoparticles. <i>Journal of Superconductivity and Novel Magnetism</i> , 2013 , 26, 713-717	1.5	7
10	CuInS ₂ nanoparticles: Microwave-assisted synthesis, characterization, and photovoltaic measurements. <i>Materials Science in Semiconductor Processing</i> , 2013 , 16, 390-402	4.3	48
9	Microwave Synthesis and Characterization of Spinel-type Zinc Aluminate Nanoparticles. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2012 , 22, 1093-1100	3.2	23
8	Solvothermal Synthesis and Characterization of Hollow Sphere-Like ZnS/ZnAl ₂ S ₄ Nanocomposites. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2012 , 22, 1122-1127	3.2	11
7	Synthesis and Characterization of FePt/NiO Core-Shell Nanoparticles. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2012 , 22, 1314-1319	3.2	13
6	Synthesis and Characterization of Copper Ferrite Nanocrystals via Coprecipitation. <i>Journal of Cluster Science</i> , 2012 , 23, 1003-1010	3	29
5	Microwave-assisted synthesis and photovoltaic measurements of CuInS ₂ nanoparticles prepared by using metal-organic precursors. <i>Materials Research Bulletin</i> , 2012 , 47, 3148-3159	5.1	146

4	Single-Source Molecular Precursor for Synthesis of Copper Sulfide Nanostructures. <i>Journal of Cluster Science</i> , 2012 , 23, 1143-1151	3	26
3	Facile Microwave Approach for Synthesis of CopperIndium Sulfide Nanoparticles and Study of Their Behavior in Solar Cell. <i>Journal of Cluster Science</i> , 2012 , 23, 491-502	3	18
2	Synthesis of Nickel Oxide Nanoparticles from Thermal Decomposition of a New Precursor. <i>Journal of Cluster Science</i> , 2012 , 23, 577-583	3	20
1	Novel precursor in synthesis, characterization of CuInS ₂ via Microwave method 2011 ,		2