

# Mohammad Sabet

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

1,109  
citations

394421

19  
h-index

434195

31  
g-index

58  
all docs

58  
docs citations

58  
times ranked

1620  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>In situ</i> green synthesis of highly fluorescent Fe <sub>2</sub> O <sub>3</sub> @CQD/graphene oxide using hard pistachio shells via the hydrothermal-assisted ball milling method. <i>Luminescence</i> , 2020, 35, 684-693.	2.9	6
2	Two-Step and Green Synthesis of Highly Fluorescent Carbon Quantum Dots and Carbon Nanofibers from Pine Fruit. <i>Journal of Fluorescence</i> , 2020, 30, 927-938.	2.5	24
3	Effect of adding TiO <sub>2</sub> , SiO <sub>2</sub> and graphene on of electrochemical hydrogen storage performance and coulombic efficiency of CoAl <sub>2</sub> O <sub>4</sub> spinel. <i>Journal of Alloys and Compounds</i> , 2020, 828, 154353.	5.5	30
4	Green Synthesis of Highly Fluorescent Graphene Oxide/Carbon Quantum Dot Colloid from Rice. <i>Journal of Electronic Materials</i> , 2020, 49, 3947-3955.	2.2	2
5	Prominent Visible Light Photocatalytic and Water Purification Activity of PbS/CdS/CdO Nanocomposite Synthesized via Simple Co-Precipitation Method. <i>Nanoscience and Nanotechnology - Asia</i> , 2019, 9, 278-284.	0.7	4
6	Investigate the effect of silica on improvement electrochemical storage of hydrogen in ZnAl <sub>2</sub> O <sub>4</sub> spinel. <i>Journal of Alloys and Compounds</i> , 2018, 751, 275-282.	5.5	10
7	Comparison of electrochemical hydrogen storage and Coulombic efficiency of ZnAl <sub>2</sub> O <sub>4</sub> and ZnAl <sub>2</sub> O <sub>4</sub> -impregnated TiO <sub>2</sub> synthesized using green method. <i>Journal of Cleaner Production</i> , 2018, 180, 587-594.	9.3	17
8	The effects of surfactant on the structure of ZnCr <sub>2</sub> O <sub>4</sub> dendrimer like nanostructures used in degradation of Eriochrome Black T. <i>Materials Research Express</i> , 2018, 5, 015035.	1.6	8
9	Novel green synthesis of ZnAl <sub>2</sub> O <sub>4</sub> and ZnAl <sub>2</sub> O <sub>4</sub> /graphene nanocomposite and comparison of electrochemical hydrogen storage and Coulombic efficiency. <i>Journal of Cleaner Production</i> , 2018, 178, 14-21.	9.3	28
10	Using a low temperature method to fabrication of flexible dye sensitized solar cells with three different counter electrodes. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 778-783.	2.2	8
11	Simple synthesis, characterization and investigation of photocatalytic activity of NiS <sub>2</sub> nanoparticles using new precursors by hydrothermal method. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 858-865.	2.2	17
12	Surface adsorption of lead ions and degradation of an organic dye with a nano photocatalyst synthesized via a simple hydrothermal method. <i>Nano Structures Nano Objects</i> , 2018, 13, 21-29.	3.5	16
13	Synthesis of CeO <sub>2</sub> /Au/Ag nanostructures as novel and highly efficient visible light driven photocatalyst. <i>Separation and Purification Technology</i> , 2018, 190, 117-122.	7.9	20
14	Synthesis of carbon nanotube, graphene, CoFe <sub>2</sub> O <sub>4</sub> , and NiFe <sub>2</sub> O <sub>4</sub> polypyrrole nanocomposites and study their microwave absorption. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 10853-10863.	2.2	9
15	Growth of TiO <sub>2</sub> nanotubes on the Ti foil by anodizing method used in the flexible dye-sensitized solar cell in presence of three counter electrodes. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 6566-6571.	2.2	8
16	Investigation of optical, photocatalytic and physical adsorption of a new nanocomposite synthesized via a simple co-precipitation method. <i>European Physical Journal Plus</i> , 2017, 132, 1.	2.6	0
17	Degradation of methyl orange and removing Pb <sup>2+</sup> from the water with ZnO-Fe nano photocatalyst. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 12670-12682.	2.2	0
18	Improving microwave absorption of the polyaniline by carbon nanotube and needle-like magnetic nanostructures. <i>Synthetic Metals</i> , 2017, 224, 18-26.	3.9	30

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19	Dye-Sensitized Solar Cells with Sol-Gel Derived AZO/GZO Bilayer as an Efficient Electron Transport Layer. <i>Journal of Cluster Science</i> , 2017, 28, 2709-2717.	3.3	0
20	Controlled green synthesis and characterization of CeO <sub>2</sub> nanostructures as materials for the determination of ascorbic acid. <i>Journal of Molecular Liquids</i> , 2017, 241, 772-781.	4.9	31
21	Synthesis and characterization of different morphologies CuGaS <sub>2</sub> /CuS nanostructures with a simple sonochemical method. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 2427-2434.	2.2	2
22	Synthesis of different morphologies of Cu <sub>2</sub> CdI <sub>4</sub> /CuI nanocomposite via simple hydrothermal method. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 11092-11101.	2.2	19
23	Simple Thermal Decompose Method for Synthesis of Nickel Disulfide Nanostructures. <i>High Temperature Materials and Processes</i> , 2016, 35, 1017-1019.	1.4	3
24	Synthesis and characterization of ceria nanostructures with different morphologies via a simple thermal decompose method with different cerium complexes and investigation the photocatalytic activity. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 8793-8801.	2.2	24
25	Synthesis and characterization of different morphologies of RbPbI <sub>3</sub> nanostructures via simple hydrothermal method and investigation of their photocatalytic activity. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 8826-8832.	2.2	8
26	Synthesis of Zinc Sulfide Nanostructures with Different Sulfur Sources via Mild Hydrothermal Route: Investigation of Crystal Phase and Morphology. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2016, 26, 738-743.	3.7	16
27	Synthesis and Characterization of Barium Carbonate Nanostructures Via Simple Hydrothermal Method. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2016, 46, 317-322.	0.6	6
28	Synthesis and Characterization of Strontium Carbonate Nanostructures via Simple Hydrothermal Method. <i>High Temperature Materials and Processes</i> , 2016, 35, 215-220.	1.4	9
29	Synthesis and characterization of cerium molybdate nanostructures via a simple solvothermal method and investigation of their photocatalytic activity. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 7342-7352.	2.2	10
30	Synthesis and Characterization of Cadmium Sulfide Nanoparticles via a Simple Thermal Decompose Method. <i>High Temperature Materials and Processes</i> , 2016, 35, 1013-1016.	1.4	6
31	Effect of Sulfur Source on Cadmium Sulfide Nanostructures Morphologies via Simple Hydrothermal Route. <i>Journal of Cluster Science</i> , 2016, 27, 351-360.	3.3	16
32	Synthesis and Characterization of Mg(OH) <sub>2</sub> and MgO Nanostructures Via Simple Hydrothermal Method. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2016, 46, 681-686.	0.6	3
33	Synthesis and Characterization of Lead Molybdate Nanostructures with High Photocatalytic Activity Via Simple Co-precipitation Method. <i>Journal of Cluster Science</i> , 2016, 27, 315-326.	3.3	14
34	Synthesis and Characterization of Lead Sulfide Nanostructures with Different Morphologies via Simple Hydrothermal Method. <i>High Temperature Materials and Processes</i> , 2016, 35, 559-566.	1.4	3
35	Synthesis and Characterization of CoS <sub>2</sub> Nanostructures Via Hydrothermal Method. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2015, 45, 1159-1167.	0.6	8
36	Improving Electron Transfer from Dye to TiO <sub>2</sub> by Using CdTe Nanostructure Layers in Dye-Sensitized Solar Cells. <i>Journal of Materials Engineering and Performance</i> , 2015, 24, 3107-3117.	2.5	4

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37	Deposition of Lead Sulfide Nanostructure Films on TiO <sub>2</sub> Surface via Different Chemical Methods due to Improving Dye-Sensitized Solar Cells Efficiency. <i>Electrochimica Acta</i> , 2015, 169, 168-179.	5.2	17
38	Synthesis of Copper Indium Sulfide Nanoparticles Via Microwave Approach and Investigation of Their Behavior in Solar Cells. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2015, 45, 1025-1032.	0.6	3
39	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.	0.6	7
40	A new sonochemical method for preparation of different morphologies of CuInS <sub>2</sub> nanostructures. <i>Bulletin of Materials Science</i> , 2014, 37, 1079-1085.	1.7	5
41	Synthesis and characterization of CuInSe <sub>2</sub> nanocrystals via facile microwave approach and study of their behavior in solar cell. <i>Materials Science in Semiconductor Processing</i> , 2014, 25, 98-105.	4.0	25
42	Deposition of cadmium selenide semiconductor nanostructures on TiO <sub>2</sub> surface via different chemical methods and investigation of their effects on dye sensitized solar cell efficiency. <i>Materials Science in Semiconductor Processing</i> , 2014, 27, 619-633.	4.0	11
43	Simple and surfactant free synthesis and characterization of CdS/ZnS core-shell nanoparticles and their application in the removal of heavy metals from aqueous solution. <i>RSC Advances</i> , 2014, 4, 10990.	3.6	28
44	Using different chemical methods for deposition of CdS on TiO <sub>2</sub> surface and investigation of their influences on the dye-sensitized solar cell performance. <i>Electrochimica Acta</i> , 2014, 117, 504-520.	5.2	158
45	Sonochemical Method for Preparation of Copper Indium Sulfide Nanoparticles and their Application for Solar Cell. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2014, 17, 183-189.	1.1	24
46	Synthesis and Characterization of Cu <sub>2</sub> S Nanostructures Via Hydrothermal Method by a Polymeric Precursor. <i>Journal of Cluster Science</i> , 2013, 24, 799-809.	3.3	6
47	Synthesis and Characterization of CdCO <sub>3</sub> Nanostructures via Simple Hydrothermal Method. <i>Journal of Cluster Science</i> , 2013, 24, 1-9.	3.3	8
48	The Effect of Flower-Like Magnesium Hydroxide Nanostructure on the Thermal Stability of Cellulose Acetate and Acrylonitrile-Butadiene-Styrene. <i>Journal of Cluster Science</i> , 2013, 24, 73-84.	3.3	37
49	Synthesis and Characterization of CdS Nanoparticles via Cyclic Microwave from Cadmium Oxalate. <i>Journal of Cluster Science</i> , 2013, 24, 299-313.	3.3	6
50	Synthesis of CuInS <sub>2</sub> nanoparticles via simple microwave approach and investigation of their behavior in solar cell. <i>Materials Science in Semiconductor Processing</i> , 2013, 16, 696-704.	4.0	37
51	Synthesis and characterization of CuInS <sub>2</sub> microsphere under controlled reaction conditions and its application in low-cost solar cells. <i>Materials Science in Semiconductor Processing</i> , 2013, 16, 1485-1494.	4.0	68
52	Synthesis and Characterization of ZnIn <sub>2</sub> S <sub>4</sub> Nanoparticles by a Facile Microwave Approach. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2013, 23, 452-457.	3.7	10
53	Preparation of flower-like magnesium hydroxide nanostructure and its influence on the thermal stability of poly vinyl acetate and poly vinyl alcohol. <i>Composites Part B: Engineering</i> , 2013, 45, 550-555.	12.0	118
54	CuInS <sub>2</sub> /CuS Nanocomposite: Synthesis via Simple Microwave Approach and Investigation Its Behavior in Solar Cell. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2012, 22, 1139-1145.	3.7	14

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55	Synthesis and Characterization of Copper Ferrite Nanocrystals via Coprecipitation. Journal of Cluster Science, 2012, 23, 1003-1010.	3.3	36
56	Polymeric Matrix Nanocomposites: Influence of Cadmium Sulfide Nanostructure on the Thermal Degradation of Poly(Vinyl Alcohol) and Cellulose Acetate. Journal of Cluster Science, 2012, 23, 1081-1095.	3.3	29
57	Facile Microwave Approach for Synthesis of Copper-Indium Sulfide Nanoparticles and Study of Their Behavior in Solar Cell. Journal of Cluster Science, 2012, 23, 491-502.	3.3	19
58	Synthesis and Characterization PbS and Bi <sub>2</sub> S <sub>3</sub> Nanostructures via Microwave Approach and Investigation of Their Behaviors in Solar Cell. Journal of Cluster Science, 2012, 23, 511-525.	3.3	24