

# Jamileh Seyed-Yazdi

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

396  
citations

687363

13  
h-index

752698

20  
g-index

23  
all docs

23  
docs citations

23  
times ranked

517  
citing authors

#	ARTICLE	IF	CITATIONS
1	$\text{Fe}_2\text{O}_3/\text{CoFe}_2\text{O}_4/\text{GO}$ nanocomposites for broadband microwave absorption by surface/interface effects. <i>Journal of Alloys and Compounds</i> , 2022, 900, 163340.	5.5	11
2	Tuned MWCNT/CuO/Fe <sub>3</sub> O <sub>4</sub> /Polyaniline nanocomposites with exceptional microwave attenuation and a broad frequency band. <i>Scientific Reports</i> , 2022, 12, .	3.3	7
3	Remarkable microwave absorption of GO-SiO <sub>2</sub> /Fe <sub>3</sub> O <sub>4</sub> via an effective design and optimized composition. <i>Journal of Alloys and Compounds</i> , 2021, 854, 157213.	5.5	28
4	Design of a new electrochemical sensor based on the CuO/GO nanocomposites: simultaneous determination of Sudan I and bisphenol A. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 191-199.	2.2	8
5	Induced superconductivity in linear carbon chains and engineering of zero-bias peaks with geometric angles: a new approach. <i>Physica Scripta</i> , 2021, 96, 045806.	2.5	0
6	Surface modification of MWCNT with cluster form of Fe <sub>2</sub> O <sub>3</sub> /Fe <sub>3</sub> O <sub>4</sub> NPs for improving their microwave absorption performance. <i>Chemical Physics Letters</i> , 2020, 756, 137823.	2.6	8
7	Fe <sub>2</sub> O <sub>3</sub> /Fe <sub>3</sub> O <sub>4</sub> /PANI/MWCNT nanocomposite with the optimum amount and uniform orientation of Fe <sub>2</sub> O <sub>3</sub> /Fe <sub>3</sub> O <sub>4</sub> NPs in polyaniline for high microwave absorbing performance. <i>Journal of Alloys and Compounds</i> , 2020, 843, 156052.	5.5	39
8	Synthesis and remarkable microwave absorption properties of amine-functionalized magnetite/graphene oxide nanocomposites. <i>Journal of Alloys and Compounds</i> , 2019, 809, 151779.	5.5	29
9	Decorating untreated carbon nanotubes with Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> nanoparticles and its microwave absorption property. <i>Journal of Alloys and Compounds</i> , 2019, 793, 590-598.	5.5	22
10	Highly magnetic nanocomposites consist of magnetite nanoparticles, graphene oxide and hyper-branched poly citric acid. <i>Materials Chemistry and Physics</i> , 2019, 224, 271-278.	4.0	7
11	Synthesis and improved photoactivity of magnetic quaternary nanocomposites consisting of Fe <sub>3</sub> O <sub>4</sub> @ZnO core@shell nanoparticles decorated on graphene-oxide grafted poly-citric acid. <i>Physica B: Condensed Matter</i> , 2019, 553, 11-17.	2.7	20
12	Two methods for microwave irradiation synthesis of TiO <sub>2</sub> @ZnO/graphene ternary hybrids with enhanced photocatalytic activity. <i>Materials Research Express</i> , 2017, 4, 016501.	1.6	5
13	Simple microwave irradiation procedure for the synthesis of CuO/Graphene hybrid composite with significant photocatalytic enhancement. <i>Surfaces and Interfaces</i> , 2017, 7, 69-73.	3.0	30
14	First-principles spin-transfer torque in $\text{CuMnAs}/\text{ZnO}/\text{GaP}$ junctions. <i>Physical Review B</i> , 2017, 95, .	3.2	11
15	Facile synthesis of ZnO/rGO hybrid by microwave irradiation method with improved photoactivity. <i>Surfaces and Interfaces</i> , 2017, 9, 167-172.	3.0	22
16	Characterization and comparison of photocatalytic activities of prepared TiO <sub>2</sub> /graphene nanocomposites using titanium butoxide and TiO <sub>2</sub> via microwave irradiation method. <i>Materials Research Express</i> , 2016, 3, 085601.	1.6	21
17	Effect of microwave power on created defects in graphene sheet of synthesized TiO <sub>2</sub> /graphene nanocomposite with enhanced photocatalytic performance. <i>Surfaces and Interfaces</i> , 2016, 4, 1-8.	3.0	19
18	The effect of different electrodes on the electronic transmission of benzene junctions: Analytical approach. <i>Physica B: Condensed Matter</i> , 2016, 490, 42-45.	2.7	1

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19	Structural characterization of water and ice in mesoporous SBA-15 silicas IV: partially filled cases for 86 Å pore diameter. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 465105.	1.8	3
20	Metastable Sessile Nanodroplets on Nanopatterned Surfaces. <i>Journal of Physical Chemistry C</i> , 2012, 116, 8634-8641.	3.1	46
21	Structural characterization of water/ice formation in SBA-15 silicas: III. The triplet profile for 86 Å pore diameter. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 205108.	1.8	21
22	Structural characterization of water and ice in mesoporous SBA-15 silicas: II. The "almost-filled" case for 86 Å pore diameter. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 205107.	1.8	18
23	Electrochemical sensing platform for simultaneous detection of 6-mercaptopurine and 6-thioguanine using RGO-Cu <sub>2</sub> O/Fe <sub>2</sub> O <sub>3</sub> modified screen-printed graphite electrode. <i>Journal of Electrochemical Science and Engineering</i> , 0, , .	3.5	0