

Irshad A Wani

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,053
citations

758635

12
h-index

839053

18
g-index

26
all docs

26
docs citations

26
times ranked

1554
citing authors

#	ARTICLE	IF	CITATIONS
1	Biosynthesis, structural characterization and antimicrobial activity of gold and silver nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 107, 227-234.	2.5	212
2	Silver nanoparticles: Ultrasonic wave assisted synthesis, optical characterization and surface area studies. <i>Materials Letters</i> , 2011, 65, 520-522.	1.3	199
3	Size and shape dependant antifungal activity of gold nanoparticles: A case study of <i>Candida</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 101, 162-170.	2.5	179
4	Antifungal activity of gold nanoparticles prepared by solvothermal method. <i>Materials Research Bulletin</i> , 2013, 48, 12-20.	2.7	127
5	Silver nanoparticles: Large scale solvothermal synthesis and optical properties. <i>Materials Research Bulletin</i> , 2010, 45, 1033-1038.	2.7	105
6	Structural characterization and antimicrobial properties of silver nanoparticles prepared by inverse microemulsion method. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 101, 243-250.	2.5	65
7	Effect of gold ion concentration on size and properties of gold nanoparticles in TritonX-100 based inverse microemulsions. <i>Applied Nanoscience (Switzerland)</i> , 2014, 4, 491-498.	1.6	49
8	Low temperature chemical synthesis and comparative studies of silver oxide nanoparticles. <i>Journal of Molecular Structure</i> , 2015, 1084, 9-15.	1.8	25
9	Effect of high manganese substitution at ZnO host lattice using solvothermal method: Structural characterization and properties. <i>Materials Chemistry and Physics</i> , 2013, 138, 519-528.	2.0	20
10	Reviewâ€™Recent Advances in Biogenic Silver Nanoparticles & NanoComposite Based Plasmonic-Colorimetric and Electrochemical Sensors. <i>ECS Journal of Solid State Science and Technology</i> , 2021, 10, 047003.	0.9	15
11	Reviewâ€™Metal and Metal Oxide Nanoparticles/Nanocomposites as Electrochemical Biosensors for Cancer Detection. <i>Journal of the Electrochemical Society</i> , 2022, 169, 047504.	1.3	15
12	Recent advances in anticancer and antimicrobial activity of silver nanoparticles synthesized using phytochemicals and organic polymers. <i>Nanotechnology</i> , 2021, 32, 462001.	1.3	14
13	Gold Nanoparticles as Efficient Catalysts in Organic Transformations. <i>Current Pharmaceutical Biotechnology</i> , 2021, 22, 724-732.	0.9	9
14	Structural Characterization, Antifungal Activity and Optical Properties of Gold Nanoparticles Prepared by Reverse Micelles. <i>Advanced Science Letters</i> , 2014, 20, 1631-1636.	0.2	9
15	Biomedical Applications of Gold Nanoparticles. , 2018, , 837-858.		2
16	Antibacterial and antifungal. , 2019, , 41-71.		1
17	Chemistry of Reverse Micelles: A Versatile Route to the Synthesis of Nanorods and Nanoparticles. , 2008, , .		1
18	Nanomaterials, Novel Preparation Routes, and Characterizations. <i>Advances in Environmental Engineering and Green Technologies Book Series</i> , 2015, , 1-40.	0.3	1

#	ARTICLE	IF	CITATIONS
19	Biomedical Applications of Gold Nanoparticles. Advances in Medical Technologies and Clinical Practice Book Series, 2017, , 74-101.	0.3	1
20	Understanding Toxicity of Nanomaterials in Biological Systems. , 2017, , 1533-1557.		0
21	Understanding Toxicity of Nanomaterials in Biological Systems. , 2017, , 1492-1516.		0
22	Recent Advances in Synthesis and Biomedical Applications of Magnetic Nanoparticles. , 2018, , 1424-1447.		0
23	Understanding Toxicity of Nanomaterials in Biological Systems. Advances in Environmental Engineering and Green Technologies Book Series, 0, , 403-427.	0.3	0