

Amardeep Bharti

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.

15
papers

189
citations

6
h-index

13
g-index

19
ext. papers

263
ext. citations

2.7
avg, IF

3.2
L-index

#	Paper	IF	Citations
15	Origin of magnetism in low energy Ni ion implanted ZnO thin films. <i>Materials Letters</i> , 2022 , 307, 130983	3.3	1
14	Low-energy Ar ⁺ -ion beam induced endotaxial plasmonic Ag nanoparticles in PEDOT:PSS thin-films. <i>Materials Letters</i> , 2022 , 307, 130984	3.3	
13	Anisotropic Plasmonic Effect on Ag Nanoparticles under Microwave-Induced Plasma-in-Liquid: Insight into Growth Mechanism. <i>Particle and Particle Systems Characterization</i> , 2022 , 39, 2100220	3.1	
12	Dielectric Properties of ZnO-Based Nanocomposites and Their Potential Applications. <i>International Journal of Optics</i> , 2021 , 2021, 1-20	0.9	5
11	Real-time synthesis and detection of plasmonic metal (Au, Ag) nanoparticles under monochromatic X-ray nano-tomography. <i>Scientific Reports</i> , 2020 , 10, 20877	4.9	3
10	Chemical effect on L _α and L _β X-ray lines in Thallium complexes. <i>Radiation Physics and Chemistry</i> , 2020 , 176, 109088	2.5	1
9	Influence of Cu doping on the local electronic and magnetic properties of ZnO nanostructures. <i>Nanoscale Advances</i> , 2020 , 2, 4450-4463	5.1	17
8	Structural and electronic investigation of ZnO nanostructures synthesized under different environments. <i>Heliyon</i> , 2018 , 4, e00594	3.6	43
7	Metallic/chalcogen dual phase effects on dielectric relaxations, resonance and spectroscopic impedance in amorphous chalcopyrite Cu _x In _y Ga ₁₀ Se ₇₀ Te ₂₀ thin films. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 14406-14415	2.1	1
6	Surface plasmon band tailoring of plasmonic nanostructure under the effect of water radiolysis by synchrotron radiation. <i>Journal of Synchrotron Radiation</i> , 2017 , 24, 1209-1217	2.4	6
5	Structural Characterization of Silver-Hydroxyapatite Nanocomposite: A Bone Repair Biomaterial. <i>Materials Today: Proceedings</i> , 2016 , 3, 2113-2120	1.4	9
4	Monochromatic X-Ray Induced Novel Synthesis of Plasmonic Nanostructure for Photovoltaic Application. <i>Scientific Reports</i> , 2016 , 6, 22394	4.9	26
3	Green synthesis of multi-shaped silver nanoparticles: optical, morphological and antibacterial properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2015 , 26, 3638-3648	2.1	24
2	Structural, thermal, zeta potential and electrical properties of disaccharide reduced silver nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , 2014 , 25, 3747-3752	2.1	46
1	Synthesis of Novel Multiple Shaped Silver Nanoparticles Incorporated Hydroxyapatite anocomposite for Orthopaedic Body Implants. <i>Advanced Science Letters</i> , 2014 , 20, 1297-1302	0.1	3