

Amardeep Bharti

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

356
citations

1306789

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996533

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g-index

19
all docs

19
docs citations

19
times ranked

424
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and electronic investigation of ZnO nanostructures synthesized under different environments. <i>Heliyon</i> , 2018, 4, e00594.	1.4	64
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.	1.1	61
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.	1.1	52
4	Influence of Cu doping on the local electronic and magnetic properties of ZnO nanostructures. <i>Nanoscale Advances</i> , 2020, 2, 4450-4463.	2.2	49
5	Dielectric Properties of ZnO-Based Nanocomposites and Their Potential Applications. <i>International Journal of Optics</i> , 2021, 2021, 1-20.	0.6	44
6	Monochromatic X-Ray Induced Novel Synthesis of Plasmonic Nanostructure for Photovoltaic Application. <i>Scientific Reports</i> , 2016, 6, 22394.	1.6	33
7	Structural Characterization of Silver-Hydroxyapatite Nanocomposite: A Bone Repair Biomaterial. <i>Materials Today: Proceedings</i> , 2016, 3, 2113-2120.	0.9	16
8	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.	1.0	7
9	Real-time synthesis and detection of plasmonic metal (Au, Ag) nanoparticles under monochromatic X-ray nano-tomography. <i>Scientific Reports</i> , 2020, 10, 20877.	1.6	7
10	Synthesis of Novel Multiple Shaped Silver Nanoparticles Incorporated Hydroxyapatite anocomposite for Orthopaedic Body Implants. <i>Advanced Science Letters</i> , 2014, 20, 1297-1302.	0.2	6
11	Origin of magnetism in low energy Ni ion implanted ZnO thin films. <i>Materials Letters</i> , 2022, 307, 130983.	1.3	6
12	Fundamental of Synchrotron Radiations. , 0, , .		4
13	Metallic/chalcogen dual phase effects on dielectric relaxations, resonance and spectroscopic impedance in amorphous chalcopyrite $CuxInyGa_{10}Se_{70-x}Te_{20-y}$ thin films. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 14406-14415.	1.1	2
14	Chemical effect on $L_{\alpha 4}$ and $L_{\alpha 5}$ X-ray lines in Thallium complexes. <i>Radiation Physics and Chemistry</i> , 2020, 176, 109088.	1.4	2
15	Crystal Structure Characterization and Morphology of Tellurium Doped Multicomponent Chalcogenide Copper Indium Gallium Diselenide Compound. <i>Materials Focus</i> , 2017, 6, 611-617.	0.4	2
16	Chemical phase analysis of seed mediated synthesized anisotropic silver nanoparticles. <i>AIP Conference Proceedings</i> , 2015, , .	0.3	1
17	Effect of pH variation and proton irradiation on $\lambda/4$ -wave assisted Ag nanoparticles. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	0
18	Low-energy Ar ⁺ -ion beam induced endotaxial plasmonic Ag nanoparticles in PEDOT:PSS thin-films. <i>Materials Letters</i> , 2022, 307, 130984.	1.3	0

#	ARTICLE	IF	CITATIONS
19	Anisotropic Plasmonic Effect on Ag Nanoparticles under Microwave-Induced Plasma in Liquid: Insight into Growth Mechanism. Particle and Particle Systems Characterization, 2022, 39, 2100220.	1.2	0