

Amardeep Bharti

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

356
citations

1307594

7
h-index

996975

15
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. Heliyon, 2018, 4, e00594.	3.2	64
2	Structural, thermal, zeta potential and electrical properties of disaccharide reduced silver nanoparticles. Journal of Materials Science: Materials in Electronics, 2014, 25, 3747-3752.	2.2	61
3	Green synthesis of multi-shaped silver nanoparticles: optical, morphological and antibacterial properties. Journal of Materials Science: Materials in Electronics, 2015, 26, 3638-3648.	2.2	52
4	Influence of Cu doping on the local electronic and magnetic properties of ZnO nanostructures. Nanoscale Advances, 2020, 2, 4450-4463.	4.6	49
5	Dielectric Properties of ZnO-Based Nanocomposites and Their Potential Applications. International Journal of Optics, 2021, 2021, 1-20.	1.4	44
6	Monochromatic X-Ray Induced Novel Synthesis of Plasmonic Nanostructure for Photovoltaic Application. Scientific Reports, 2016, 6, 22394.	3.3	33
7	Structural Characterization of Silver-Hydroxyapatite Nanocomposite: A Bone Repair Biomaterial. Materials Today: Proceedings, 2016, 3, 2113-2120.	1.8	16
8	Surface plasmon band tailoring of plasmonic nanostructure under the effect of water radiolysis by synchrotron radiation. Journal of Synchrotron Radiation, 2017, 24, 1209-1217.	2.4	7
9	Real-time synthesis and detection of plasmonic metal (Au, Ag) nanoparticles under monochromatic X-ray nano-tomography. Scientific Reports, 2020, 10, 20877.	3.3	7
10	Synthesis of Novel Multiple Shaped Silver Nanoparticles Incorporated Hydroxyapatite anocomposite for Orthopaedic Body Implants. Advanced Science Letters, 2014, 20, 1297-1302.	0.2	6
11	Origin of magnetism in low energy Ni ion implanted ZnO thin films. Materials Letters, 2022, 307, 130983.	2.6	6
12	Fundamental of Synchrotron Radiations. , 0, , .		4
13	Metallic/chalcogen dual phase effects on dielectric relaxations, resonance and spectroscopic impedance in amorphous chalcopyrite $\text{Cu}_{1-x}\text{In}_x\text{Ga}_{10}\text{Se}_{70}\hat{x}\text{Te}_{20}\hat{y}$ thin films. Journal of Materials Science: Materials in Electronics, 2018, 29, 14406-14415.	2.2	2
14	Chemical effect on L^{34} and L^{35} X-ray lines in Thallium complexes. Radiation Physics and Chemistry, 2020, 176, 109088.	2.8	2
15	Crystal Structure Characterization and Morphology of Tellurium Doped Multicomponent Chalcogenide Copper Indium Gallium Diselenide Compound. Materials Focus, 2017, 6, 611-617.	0.4	2
16	Chemical phase analysis of seed mediated synthesized anisotropic silver nanoparticles. AIP Conference Proceedings, 2015, , .	0.4	1
17	Effect of pH variation and proton irradiation on $\frac{1}{4}$ -wave assisted Ag nanoparticles. AIP Conference Proceedings, 2020, , .	0.4	0
18	Low-energy Ar^{+} -ion beam induced endotaxial plasmonic Ag nanoparticles in PEDOT:PSS thin-films. Materials Letters, 2022, 307, 130984.	2.6	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.	2.3	0