

Medha Bhushan

List of Publications by Year in descending order

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1040056

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#	ARTICLE	IF	CITATIONS
1	Hydrothermally prepared nickel disulphide nanoparticles with enhanced areal capacitance. Journal of Materials Science: Materials in Electronics, 2021, 32, 2409-2421.	2.2	1
2	Serrated hexagonal ZnO Nanoparticles: Synthesis and its characterization. Materials Today: Proceedings, 2021, 48, 629-629.	1.8	2
3	Graphene-doped ZnS nanoparticles synthesized via hydrothermal route for enhanced electrocatalytic performance. International Journal of Applied Ceramic Technology, 2021, 18, 1510-1526.	2.1	5
4	Comparative study of electrocatalytic activity of single phase rhombohedral NiS nanoparticles in alkaline electrolytes. Materials Science in Semiconductor Processing, 2021, 130, 105827.	4.0	17
5	Hydrothermally synthesized nickel oxide (NiO) nano petals. Materials Today: Proceedings, 2021, , .	1.8	2
6	Visible light emission and enhanced electrocatalytic activity of pure ZnS nanoparticles synthesized via thermal decomposition route. Bulletin of Materials Science, 2021, 44, 1.	1.7	3
7	Surface activity correlations of mesoporous 3-D hierarchical ZnS nanostructures for enhanced photo and electro catalytic performance. Applied Surface Science, 2020, 528, 146988.	6.1	24
8	Improved electrocatalytic performance with enlarged surface area and reduced bandgap of caterpillar and cabbage-like nickel sulphide nanostructures. Applied Nanoscience (Switzerland), 2020, 10, 3757-3772.	3.1	11
9	Enhanced electrocatalytic activity of the solvothermally synthesized Mesoporous Rhombohedral nickel sulphide. Materials Science in Semiconductor Processing, 2020, 118, 105194.	4.0	18
10	Controlled growth of MoO_3 nanostructures with enhanced optical and electrochemical properties without capping agents. Ceramics International, 2020, 46, 23084-23097.	4.8	15
11	Ethylenediamine-assisted growth of multi-dimensional ZnS nanostructures and study of its charge transfer mechanism on supercapacitor electrode and photocatalytic performance. Nanotechnology, 2020, 31, 235602.	2.6	33
12	Comparative study of the electrochemical properties of mesoporous 1-D and 3-D nano-structured rhombohedral nickel sulfide in alkaline electrolytes. Journal of Physics and Chemistry of Solids, 2020, 144, 109503.	4.0	20
13	Reduced band gap and diffusion controlled spherical n-type ZnS nanoparticles for absorption of UV-Vis region of solar spectrum. Journal of Physics and Chemistry of Solids, 2019, 135, 109021.	4.0	62
14	Growth of a bulk-size single crystal of sulphamic acid by an in-house developed seed rotation solution growth technique and its characterization. Journal of Applied Crystallography, 2017, 50, 763-768.	4.5	16