

Shobhnath P Gupta

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Superior humidity sensor and photodetector of mesoporous ZnO nanosheets at room temperature. <i>Sensors and Actuators B: Chemical</i> , 2019, 293, 83-92.	7.8	84
2	Phase transformation in tungsten oxide nanoplates as a function of post-annealing temperature and its electrochemical influence on energy storage. <i>Nanoscale Advances</i> , 2020, 2, 4689-4701.	4.6	56
3	Enhanced energy density and stability of self-assembled cauliflower of Pd doped monoclinic WO ₃ nanostructure supercapacitor. <i>Materials Chemistry and Physics</i> , 2019, 225, 192-199.	4.0	42
4	Morphology and crystal structure dependent pseudocapacitor performance of hydrated WO ₃ nanostructures. <i>Materials Advances</i> , 2020, 1, 2492-2500.	5.4	35
5	Temperature driven high-performance pseudocapacitor of carbon nano-onions supported urchin like structures of γ -MnO ₂ nanorods. <i>Electrochimica Acta</i> , 2020, 354, 136626.	5.2	30
6	High-rate quasi-solid-state hybrid supercapacitor of hierarchical flowers of hydrated tungsten oxide nanosheets. <i>Electrochimica Acta</i> , 2021, 366, 137389.	5.2	28
7	High-performance supercapacitor electrode and photocatalytic dye degradation of mixed-phase WO ₃ nanoplates. <i>Materials Letters</i> , 2020, 281, 128639.	2.6	23
8	Highly ordered nano-tunnel structure of hydrated tungsten oxide nanorods for superior flexible quasi-solid-state hybrid supercapacitor. <i>Applied Surface Science</i> , 2021, 545, 149044.	6.1	21
9	Thermally Driven High-Rate Intercalated Pseudocapacitance of Flower-like Architecture of Ultrathin Few Layered γ -MnO ₂ Nanosheets on Carbon Nano-Onions. <i>ACS Applied Energy Materials</i> , 2020, 3, 11398-11409.	5.1	16
10	The role of oxygen vacancies on the weak localization in LaNiO ₃ - γ epitaxial thin films. <i>Journal of Physics and Chemistry of Solids</i> , 2018, 123, 1-5.	4.0	9
11	Enhanced van-der Waals separation in hydrated tungsten oxide nanoplates enables superior pseudocapacitive charge storage. <i>Journal of Alloys and Compounds</i> , 2022, 914, 165227.	5.5	7
12	Advanced Room Temperature Single-Electron Transistor of a Germanium Nanochain with Two and Multitunnel Junctions. <i>ACS Applied Electronic Materials</i> , 2020, 2, 1843-1848.	4.3	4
13	Room-temperature ferromagnetic Cr-doped Ge/GeOx core-shell nanowires. <i>Nanotechnology</i> , 2018, 29, 235705.	2.6	2
14	Superior Supercapacitor Based on the 3D Architecture of Multilayered Delta-MnO ₂ Nanosheets Grown on Carbon Nanoparticles. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 596-596.	0.0	0