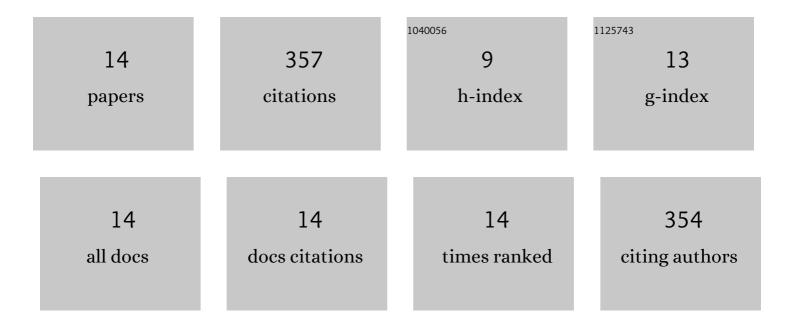
## Shobhnath P Gupta

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2813459/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Superior humidity sensor and photodetector of mesoporous ZnO nanosheets at room temperature. Sensors and Actuators B: Chemical, 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. Nanoscale Advances, 2020, 2, 4689-4701.	4.6	56
3	Enhanced energy density and stability of self-assembled cauliflower of Pd doped monoclinic WO3 nanostructure supercapacitor. Materials Chemistry and Physics, 2019, 225, 192-199.	4.0	42
4	Morphology and crystal structure dependent pseudocapacitor performance of hydrated WO <sub>3</sub> nanostructures. Materials Advances, 2020, 1, 2492-2500.	5.4	35
5	Temperature driven high-performance pseudocapacitor of carbon nano-onions supported urchin like structures of α-MnO2 nanorods. Electrochimica Acta, 2020, 354, 136626.	5.2	30
6	High-rate quasi-solid-state hybrid supercapacitor of hierarchical flowers of hydrated tungsten oxide nanosheets. Electrochimica Acta, 2021, 366, 137389.	5.2	28
7	High-performance supercapacitor electrode and photocatalytic dye degradation of mixed-phase WO3 nanoplates. Materials Letters, 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. Applied Surface Science, 2021, 545, 149044.	6.1	21
9	Thermally Driven High-Rate Intercalated Pseudocapacitance of Flower-like Architecture of Ultrathin Few Layered δ-MnO <sub>2</sub> Nanosheets on Carbon Nano-Onions. ACS Applied Energy Materials, 2020, 3, 11398-11409.	5.1	16
10	The role of oxygen vacancies on the weak localization in LaNiO3-δ epitaxial thin films. Journal of Physics and Chemistry of Solids, 2018, 123, 1-5.	4.0	9
11	Enhanced van-der Waals separation in hydrated tungsten oxide nanoplates enables superior pseudocapacitive charge storage. Journal of Alloys and Compounds, 2022, 914, 165227.	5.5	7
12	Advanced Room Temperature Single-Electron Transistor of a Germanium Nanochain with Two and Multitunnel Junctions. ACS Applied Electronic Materials, 2020, 2, 1843-1848.	4.3	4
13	Room-temperature ferromagnetic Cr-doped Ge/GeOx core–shell nanowires. Nanotechnology, 2018, 29, 235705.	2.6	2
14	Superior Supercapacitor Based on the 3D Architecture of Multilayered Delta-MnO2 Nanosheets Grown on Carbon Nanoparticles. ECS Meeting Abstracts, 2020, MA2020-01, 596-596.	0.0	0