Shikha Bansal

List of Publications by Citations

9 papers	108 citations	5 h-index	9 g-index
9 ext. papers	141 ext. citations	3.8 avg, IF	2.48 L-index

#	Paper	IF	Citations
9	Growth ambient dependence of defects, structural disorder and photoluminescence in SnO2 films deposited by reactive magnetron sputtering. *Journal of Alloys and Compounds*, **2014**, 583, 186-190	5.7	49
8	Charge transport mechanism in high conductivity undoped tin oxide thin films deposited by reactive sputtering. *Thin Solid Films*, **2012**, 524, 30-34	2.2	21
7	BiOCl/WS hybrid nanosheet (2D/2D) heterojunctions for visible-light-driven photocatalytic degradation of organic/inorganic water pollutants.. *RSC Advances*, **2020**, 10, 25073-25088	3.7	16
6	Electron transport and defect structure in highly conducting reactively sputtered ultrathin tin oxide films. *Applied Physics Letters*, **2014**, 104, 082108	3.4	12
5	Metal-semiconductor transition and negative magneto-resistance in degenerate ultrathin tin oxide films. *Journal of Alloys and Compounds*, **2015**, 646, 483-489	5.7	7
4	Electric Field Driven Growth of Tin Oxide Thin Films. *Energy Procedia*, **2012**, 15, 318-324	2.3	3
3	Mechanical ball milling: A sustainable route to induce structural transformations in tungsten disulfide for its photocatalytic applications. *Physica E: Low-Dimensional Systems and Nanostructures*, **2022**, 140, 115152	3	0
2	Effect of growth parameters on defect structure and optical properties of ultrathin SnO2 films. *Physica E: Low-Dimensional Systems and Nanostructures*, **2022**, 135, 114965	3	0
1	Edge, confinement effects, and measurement of the number of layers of MoS2 nanosheets by liquid-exfoliated method assisted by different solvents. *International Nano Letters*, **2021**, 11, 233-239	5.7	