

# Shikha Bansal

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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