

# Suman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1580164/publications.pdf>

Version: 2024-02-01

10  
papers

85  
citations

1684188

5  
h-index

1872680

6  
g-index

11  
all docs

11  
docs citations

11  
times ranked

129  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of chenodeoxycholic acid as dye co-adsorbent and ZnO blocking layer in improving the performance of Rose Bengal dye based dye sensitized solar cells. <i>Optical and Quantum Electronics</i> , 2022, 54, .	3.3	0
2	An Investigation on the Stability Enhancement of Dye-Sensitized Solar Cells Fabricated with Ethyl Cellulose Based Gel Electrolyte. <i>Applied Solar Energy (English Translation of Geliotekhnika)</i> , 2021, 57, 23-29.	1.6	2
3	Effect of surface modification via sol-gel spin coating of ZnO nanoparticles on the performance of WO <sub>3</sub> photoanode based dye sensitized solar cells. <i>Optik</i> , 2020, 212, 164142.	2.9	15
4	CeOs <sub>4</sub> As <sub>12</sub> : a hybridized gap semiconductor. <i>Indian Journal of Physics</i> , 2019, 93, 1419-1425.	1.8	5
5	Study of Electro-Optical Performance and Interfacial Charge Transfer Dynamics of Dye Sensitized Solar Cells Based on ZnO Nanostructures and Natural Dyes. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2019, 14, 99-108.	0.5	5
6	Performance of Dye-Sensitized Solar Cells (DSSCs) Fabricated with Zinc Oxide (ZnO) Nanopowders and Nanorods. <i>Journal of Materials Engineering and Performance</i> , 2018, 27, 2713-2718.	2.5	6
7	Fabrication and Characterization of NO <sub>x</sub> Gas Sensor Based on Lanthanum Copper Oxide (La <sub>2</sub> CuO <sub>4</sub> ) Nanoparticles Annealed at Different Temperatures. <i>Sensor Letters</i> , 2018, 16, 116-122.	0.4	0
8	Correlation of tasters scores with biochemical and electronic sensor data for Darjeeling orthodox black tea. , 2012, , .		1
9	Zinc oxide nanorod sensing element for detection of tea aroma. , 2012, , .		0
10	Sensing properties and selectivities of a WO <sub>3</sub> /YSZ/Pt potentiometric NO <sub>x</sub> sensor. <i>Sensors and Actuators B: Chemical</i> , 2007, 122, 644-652.	7.8	51