

# Sunil Uprety

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

166  
citations

1307594

7  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

343  
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of gamma-ray irradiation on the electrical characteristics of sol-gel derived zinc tin oxide thin film transistors. <i>Solid-State Electronics</i> , 2022, 191, 108270.	1.4	1
2	Towards thermoneutral hydrogen evolution reaction using noble metal free molybdenum ditelluride/graphene nanocomposites. <i>Journal of Colloid and Interface Science</i> , 2021, 581, 847-859.	9.4	16
3	High dose gamma irradiation effects on properties of active layers in ZnO thin film transistors. <i>Semiconductor Science and Technology</i> , 2021, 36, 105011.	2.0	7
4	Facile microwave approach towards high performance MoS <sub>2</sub> /graphene nanocomposite for hydrogen evolution reaction. <i>Science China Materials</i> , 2020, 63, 62-74.	6.3	38
5	On the anomaly in the electrical characteristics of thin film transistors with multi-layered sol-gel processed ZnO. <i>Thin Solid Films</i> , 2019, 672, 152-156.	1.8	13
6	Impact of 100 keV proton irradiation on electronic and optical properties of AlGaIn/GaN high electron mobility transistors (HEMTs). <i>Journal of Applied Physics</i> , 2018, 124, .	2.5	18
7	Enhanced Gas-Sensing Performance of GO/TiO <sub>2</sub> Composite by Photocatalysis. <i>Sensors</i> , 2018, 18, 3334.	3.8	29
8	Enhancement of electrical characteristics of ZnO TFTs based on channel layers produced with alternating precursor concentration. <i>Electronics Letters</i> , 2018, 54, 1298-1300.	1.0	2
9	Electrical characteristics and density of states of thin-film transistors based on sol-gel derived ZnO channel layers with different annealing temperatures. <i>Journal of Applied Physics</i> , 2018, 123, 161503.	2.5	7
10	Electrical and optical characteristics of gamma-ray irradiated AlGaIn/GaN high electron mobility transistors. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2017, 35, .	1.2	15
11	Raman and X-ray photoelectron spectroscopy investigation of the effect of gamma-ray irradiation on MoS <sub>2</sub> . <i>Micro and Nano Letters</i> , 2017, 12, 271-274.	1.3	20