Debasree Burman

List of Publications by Year
in descending order

13 papers	322 citations	1307594 7 h-index	1588992 8 g-index
13 all docs	13 docs citations	13 times ranked	475 citing authors

#	Article	IF	Citations
1	RGO/Ni₂O₃ Heterojunction-Based Reusable, Flexible Device for Cr(VI) Ion Detection in Water. IEEE Transactions on Electron Devices, 2021, 68, 780-785.	3.0	7
2	Substitutional Doping of MoS₂ for Superior Gas-Sensing Applications: A Proof of Concept. ACS Sensors, 2021, 6, 3398-3408.	7.8	41
3	ZnO/MoS₂-Based Enhanced Humidity Sensor Prototype With Android App Interface for Mobile Platform. IEEE Sensors Journal, 2019, 19, 3993-3999.	4.7	25
4	Flexible Large MoS₂ Film Based Ammonia Sensor. , 2018, 2, 1-4.		9
5	Pt decorated MoS₂nanoflakes for ultrasensitive resistive humidity sensor. Nanotechnology, 2018, 29, 115504.	2.6	66
6	Photon-Assisted Ultra-Selective Formaldehyde Sensing by Defect Induced NiO-Based Resistive Sensor. IEEE Sensors Journal, 2018, 18, 5656-5661.	4.7	17
7	Role of vacancy sites and UV-ozone treatment on few layered MoS₂nanoflakes for toxic gas detection. Nanotechnology, 2017, 28, 435502.	2.6	35
8	WS₂/GO Nanohybrids for Enhanced Relative Humidity Sensing at Room Temperature. IEEE Sensors Journal, 2017, 17, 7340-7347.	4.7	30
9	Photon assisted ultra-selective Formaldehyde sensing by defect induced NiO nanostructured sensing layer. , 2017, , .		2
10	Highly proton conducting MoS₂/graphene oxide nanocomposite based chemoresistive humidity sensor. RSC Advances, 2016, 6, 57424-57433.	3.6	90
11	Analytical study of the effect of asymmetric gate bias on the performance of double gate TFET. , 2012, , .		0
12	Performance analysis and simulation study of a Sandwiched Barrier Tunnel FET. , 2012, , .		0
13	Modeling the channel potential and threshold voltage of a fully depleted Double Gate Junctionless FET. , 2012, , .		0