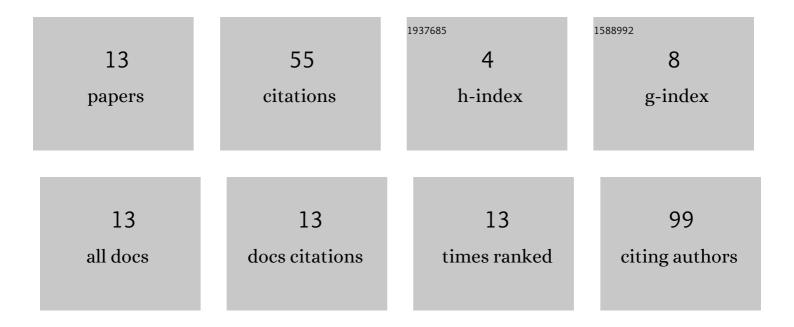
Sanghamitra Ghosal

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	A potential gas sensor device based on Pd/RGO/TiO 2 nanotube ternary hybrid junction. Microelectronics Reliability, 2017, 78, 299-306.	1.7	15
2	Fabrication, Characterization, and Gas Sensing Performance of Pd, RGO, and MnO2 Nanoflowers-Based Ternary Junction Device. IEEE Transactions on Electron Devices, 2019, 66, 3982-3987.	3.0	10
3	Honeycomb Texturing of Hierarchical Nanoflowers of WO3 as an Efficient Route to Improve Repeatability and Stability of Room Temperature Vapor Sensor. IEEE Transactions on Device and Materials Reliability, 2020, 20, 84-91.	2.0	7
4	Understanding the Apparent Non-Reliability in the Sensing Characteristics of MnO2 Self-Assembled Hierarchical Nanostructure. IEEE Transactions on Device and Materials Reliability, 2018, 18, 628-635.	2.0	6
5	Irreversible n to p Transition and Corresponding Performance Improvement of RGO/TiO ₂ Nanotubes Hybrid Vapor Sensor Devices by Varying Electrophoretic Deposition Time. IEEE Nanotechnology Magazine, 2018, 17, 1098-1105.	2.0	4
6	Time Dependent Morphological Evolution of Hydrothermally Derived MnO ₂ Nanostructures and Corresponding Methanol Vapor Sensing Performance. IEEE Nanotechnology Magazine, 2019, 18, 502-508.	2.0	4
7	Hierarchical MnO <inf>2</inf> Nanoflowers Based Efficient Room Temperature Alcohol Sensor. , 2018, , .		3
8	A review on the sensing performances for three different ternary hybrid (Pd/RGO/TiO2-NTs,) Tj ETQq0 0 0 rgBT /C 117-122.	Overlock 1 1.0	0 Tf 50 467 T 3
9	Understanding the Improved Vapor Sensor Device Performance of Dual Surface Engineered WO3 Nanospheres Using Semi-Quantitative Energy Band Model. IEEE Electron Device Letters, 2020, 41, 912-915.	3.9	2
10	Influence of distributed reduced graphene oxide clusters on methanol sensing performance of TiO2 nanotube based device. CSI Transactions on ICT, 2018, 6, 71-76.	1.0	1
11	ZnO/RGO Heterojunction Based near Room Temperature Alcohol SENSOR with Improved Efficiency. Engineering Proceedings, 2021, 6, .	0.4	0
12	An Integrated Methanol Micro-Sensor Device with Embedded Ti/Pt Microheater and TiO2 Nanotube Array Sensing Layer. Sensor Letters, 2019, 17, 379-384.	0.4	0
13	Data-Driven Search for the Optimal Ag–Pd–Pt-Based Electrode Alloy Chemistry for ZnO-Based Methane Sensor, Journal of the Institution of Engineers (India): Series D. 0	1.0	0