

Nirman Chakraborty

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11672527/publications.pdf>

Version: 2024-02-01

7
papers

73
citations

1478505

6
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

19
citing authors

#	ARTICLE	IF	CITATIONS
1	Dopant-mediated surface charge imbalance for enhancing the performance of metal oxide chemiresistive gas sensors. <i>Journal of Materials Chemistry C</i> , 2022, 10, 1968-1976.	5.5	13
2	Chemiresistive NH ₃ detection at sub-zero temperatures by polypyrrole-loaded Sn ¹⁺ Sb ⁺ O ₂ nanocubes. <i>Materials Horizons</i> , 2022, 9, 1750-1762.	12.2	12
3	Surface-analyte interaction as a function of topological polar surface area of analytes in metal (Cd,) Tj ETQq1 1 0.784314 rgBT /Overl 2022, 341, 113610.	4.1	4
4	Roles of structure and electron mobilization in enhanced ethanol sensing by Al doped SnO ₂ nanoparticles. <i>Materials Advances</i> , 2021, 2, 3760-3769.	5.4	12
5	Dopant-induced cationic bivalency in hierarchical antimony-doped tin oxide nano-particles for room-temperature SO ₂ sensing. <i>Journal of Materials Chemistry A</i> , 2021, 9, 21824-21834.	10.3	12
6	Poly aniline (PANI) loaded hierarchical Ti ⁺ xSbxO ₂ rutile phase nanocubes for selective room temperature detection of benzene vapor. <i>Sensors and Actuators B: Chemical</i> , 2021, 347, 130622.	7.8	8
7	Ammonia Sensing by Sn ¹⁺ V ⁺ O ₂ Mesoporous Nanoparticles. <i>ACS Applied Nano Materials</i> , 2020, 3, 7572-7579.	5.0	12