Sandeep Sharma

List of Publications by Year
in descending order

18 papers	600 citations	687363 13 h-index	839539 18 g-index
18 all docs	18 docs citations	18 times ranked	377 citing authors

#	Article	IF	Citations
1	MoS₂/MoO₃ Nanocomposite for Selective NH₃ Detection in a Humid Environment. ACS Sustainable Chemistry and Engineering, 2021, 9, 7328-7340.	6.7	84
2	MoS₂/WO₃Nanosheets for Detection of Ammonia. ACS Applied Nano Materials, 2021, 4, 2594-2605.	5.0	80
3	MoSe₂ Crystalline Nanosheets for Room-Temperature Ammonia Sensing. ACS Applied Nano Materials, 2020, 3, 9375-9384.	5.0	79
4	Hydrothermally synthesized MoS2-multi-walled carbon nanotube composite as a novel room-temperature ammonia sensing platform. Applied Surface Science, 2020, 532, 147373.	6.1	66
5	Excitation-dependent photoluminescence from WS2 nanostructures synthesized via top-down approach. Journal of Materials Science, 2017, 52, 11326-11336.	3.7	63
6	Superior Room-Temperature Ammonia Sensing Using a Hydrothermally Synthesized MoS₂/SnO₂ Composite. ACS Omega, 2021, 6, 11602-11613.	3.5	49
7	MoSe2/multiwalled carbon nanotube composite for ammonia sensing in natural humid environment. Journal of Hazardous Materials, 2022, 435, 128821.	12.4	29
8	Enhanced dielectric permittivity and photoluminescence in Cr doped ZnS nanoparticles. Applied Surface Science, 2017, 416, 296-301.	6.1	20
9	Selective N,N-Dimethylformamide Vapor Sensing Using MoSe₂/Multiwalled Carbon Nanotube Composites at Room Temperature. ACS Applied Nano Materials, 2022, 5, 3913-3924.	5.0	20
10	Highly Selective Ethyl Mercaptan Sensing Using a MoSe₂/SnO₂ Composite at Room Temperature. ACS Applied Materials & Interfaces, 2022, 14, 23916-23927.	8.0	20
11	Room temperature high performance ammonia sensor using MoS2/SnO2 nanocomposite. Materials Today: Proceedings, 2020, 28, 52-55.	1.8	19
12	Temperature-Based Selective Detection of Hydrogen Sulfide and Ethanol with MoS₂/WO₃ Composite. ACS Omega, 2022, 7, 6075-6085.	3.5	17
13	Temperature dependent photoluminescence from WS2 nanostructures. Journal of Materials Science: Materials in Electronics, 2018, 29, 20064-20070.	2.2	14
14	A sensitive H2S sensor using MoS2/WO3 composite. Materials Today: Proceedings, 2020, 28, 8-10.	1.8	14
15	Ethanol sensing using MoS2/TiO2 composite prepared via hydrothermal method. Materials Today: Proceedings, 2021, 46, 6083-6086.	1.8	10
16	Room temperature ammonia sensing using MoSe2 nanostructures. Materials Today: Proceedings, 2020, 28, 11-13.	1.8	8
17	Structural transformation and room temperature ammonia sensing properties of TiS2 nanostructures. SN Applied Sciences, 2020, 2, 1.	2.9	5
18	Highly responsive room-temperature ammonia sensing properties of MoS2/MoO3 nano-composite. Materials Today: Proceedings, 2021, 46, 10732-10735.	1.8	3