

Sandeep Sharma

List of Publications by Year in descending order

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docs citations

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431
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature-Based Selective Detection of Hydrogen Sulfide and Ethanol with MoS ₂ /WO ₃ Composite. ACS Omega, 2022, 7, 6075-6085.	1.6	17
2	Selective <i>N,N</i> -Dimethylformamide Vapor Sensing Using MoSe ₂ /Multiwalled Carbon Nanotube Composites at Room Temperature. ACS Applied Nano Materials, 2022, 5, 3913-3924.	2.4	20
3	MoSe ₂ /multiwalled carbon nanotube composite for ammonia sensing in natural humid environment. Journal of Hazardous Materials, 2022, 435, 128821.	6.5	29
4	Highly Selective Ethyl Mercaptan Sensing Using a MoSe ₂ /SnO ₂ Composite at Room Temperature. ACS Applied Materials & Interfaces, 2022, 14, 23916-23927.	4.0	20
5	Ethanol sensing using MoS ₂ /TiO ₂ composite prepared via hydrothermal method. Materials Today: Proceedings, 2021, 46, 6083-6086.	0.9	10
6	Highly responsive room-temperature ammonia sensing properties of MoS ₂ /MoO ₃ nano-composite. Materials Today: Proceedings, 2021, 46, 10732-10735.	0.9	3
7	MoS ₂ /WO ₃ Nanosheets for Detection of Ammonia. ACS Applied Nano Materials, 2021, 4, 2594-2605.	2.4	80
8	Superior Room-Temperature Ammonia Sensing Using a Hydrothermally Synthesized MoS ₂ /SnO ₂ Composite. ACS Omega, 2021, 6, 11602-11613.	1.6	49
9	MoS ₂ /MoO ₃ Nanocomposite for Selective NH ₃ Detection in a Humid Environment. ACS Sustainable Chemistry and Engineering, 2021, 9, 7328-7340.	3.2	84
10	Hydrothermally synthesized MoS ₂ -multi-walled carbon nanotube composite as a novel room-temperature ammonia sensing platform. Applied Surface Science, 2020, 532, 147373.	3.1	66
11	MoSe ₂ Crystalline Nanosheets for Room-Temperature Ammonia Sensing. ACS Applied Nano Materials, 2020, 3, 9375-9384.	2.4	79
12	A sensitive H ₂ S sensor using MoS ₂ /WO ₃ composite. Materials Today: Proceedings, 2020, 28, 8-10.	0.9	14
13	Room temperature ammonia sensing using MoSe ₂ nanostructures. Materials Today: Proceedings, 2020, 28, 11-13.	0.9	8
14	Structural transformation and room temperature ammonia sensing properties of TiS ₂ nanostructures. SN Applied Sciences, 2020, 2, 1.	1.5	5
15	Room temperature high performance ammonia sensor using MoS ₂ /SnO ₂ nanocomposite. Materials Today: Proceedings, 2020, 28, 52-55.	0.9	19
16	Temperature dependent photoluminescence from WS ₂ nanostructures. Journal of Materials Science: Materials in Electronics, 2018, 29, 20064-20070.	1.1	14
17	Enhanced dielectric permittivity and photoluminescence in Cr doped ZnS nanoparticles. Applied Surface Science, 2017, 416, 296-301.	3.1	20
18	Excitation-dependent photoluminescence from WS ₂ nanostructures synthesized via top-down approach. Journal of Materials Science, 2017, 52, 11326-11336.	1.7	63