

Sukhwinder Singh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1698034/publications.pdf>

Version: 2024-02-01

18
papers

548
citations

858243

12
h-index

939365

18
g-index

18
all docs

18
docs citations

18
times ranked

288
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature dependent selective detection of ethanol and methanol using MoS ₂ /TiO ₂ composite. Sensors and Actuators B: Chemical, 2022, 350, 130798.	4.0	35
2	Temperature-Based Selective Detection of Hydrogen Sulfide and Ethanol with MoS ₂ /WO ₃ Composite. ACS Omega, 2022, 7, 6075-6085.	1.6	17
3	Selective <i>N,N</i> -Dimethylformamide Vapor Sensing Using MoS ₂ /Multiwalled Carbon Nanotube Composites at Room Temperature. ACS Applied Nano Materials, 2022, 5, 3913-3924.	2.4	20
4	MoSe ₂ /multiwalled carbon nanotube composite for ammonia sensing in natural humid environment. Journal of Hazardous Materials, 2022, 435, 128821.	6.5	29
5	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
6	Ethanol sensing using MoS ₂ /TiO ₂ composite prepared via hydrothermal method. Materials Today: Proceedings, 2021, 46, 6083-6086.	0.9	10
7	MoS ₂ /multiwalled carbon nanotubes based composite for room-temperature ammonia sensing. Materials Today: Proceedings, 2021, 45, 4910-4913.	0.9	5
8	Highly responsive room-temperature ammonia sensing properties of MoS ₂ /MoO ₃ nano-composite. Materials Today: Proceedings, 2021, 46, 10732-10735.	0.9	3
9	MoS ₂ /WO ₃ Nanosheets for Detection of Ammonia. ACS Applied Nano Materials, 2021, 4, 2594-2605.	2.4	80
10	Superior Room-Temperature Ammonia Sensing Using a Hydrothermally Synthesized MoS ₂ /SnO ₂ Composite. ACS Omega, 2021, 6, 11602-11613.	1.6	49
11	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
12	Ammonia sensing using MoS ₂ /WO ₃ composite obtained via top-down approach. Materials Today: Proceedings, 2021, 43, 137-140.	0.9	5
13	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
14	MoSe ₂ Crystalline Nanosheets for Room-Temperature Ammonia Sensing. ACS Applied Nano Materials, 2020, 3, 9375-9384.	2.4	79
15	A sensitive H ₂ S sensor using MoS ₂ /WO ₃ composite. Materials Today: Proceedings, 2020, 28, 8-10.	0.9	14
16	Room temperature ammonia sensing using MoSe ₂ nanostructures. Materials Today: Proceedings, 2020, 28, 11-13.	0.9	8
17	Structural transformation and room temperature ammonia sensing properties of TiS ₂ nanostructures. SN Applied Sciences, 2020, 2, 1.	1.5	5
18	Room temperature high performance ammonia sensor using MoS ₂ /SnO ₂ nanocomposite. Materials Today: Proceedings, 2020, 28, 52-55.	0.9	19