

# Onkar Singh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5429229/publications.pdf>

Version: 2024-02-01

20  
papers

851  
citations

687363

13  
h-index

996975

15  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1385  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogen sensor based on graphene/ZnO nanocomposite. Sensors and Actuators B: Chemical, 2014, 195, 409-415.	7.8	267
2	ZnO assisted polyaniline nanofibers and its application as ammonia gas sensor. Sensors and Actuators B: Chemical, 2014, 191, 276-282.	7.8	202
3	Synthesis of zinc oxide nanorods and nanoparticles by chemical route and their comparative study as ethanol sensors. Sensors and Actuators B: Chemical, 2008, 135, 352-357.	7.8	62
4	Precursor controlled morphology of zinc oxide and its sensing behaviour. Sensors and Actuators B: Chemical, 2013, 178, 149-154.	7.8	59
5	Influence of synthesis and calcination temperatures on particle size and ethanol sensing behaviour of chemically synthesized SnO <sub>2</sub> nanostructures. Sensors and Actuators B: Chemical, 2009, 143, 226-232.	7.8	45
6	Effect of pH on the morphology and gas sensing properties of ZnO nanostructures. Sensors and Actuators B: Chemical, 2012, 166-167, 438-443.	7.8	45
7	Influence of pH on particle size and sensing response of chemically synthesized chromium oxide nanoparticles to alcohols. Sensors and Actuators B: Chemical, 2011, 158, 259-264.	7.8	33
8	Different strategies for the synthesis of graphene/ZnO composite and its photocatalytic properties. Applied Physics A: Materials Science and Processing, 2014, 116, 1141-1148.	2.3	30
9	Ethanol and LPG sensing characteristics of SnO <sub>2</sub> activated Cr <sub>2</sub> O <sub>3</sub> thick film sensor. Bulletin of Materials Science, 2010, 33, 575-579.	1.7	20
10	Sensing behaviour of tin doped chromium oxide gas sensor toward ethanol. Applied Physics A: Materials Science and Processing, 2012, 109, 585-590.	2.3	19
11	Enhancement in ethanol sensing response by surface activation of ZnO with SnO <sub>2</sub> . Materials Research Bulletin, 2012, 47, 557-561.	5.2	19
12	Effect of 100 MeV O <sup>7+</sup> ions irradiation on ethanol sensing response of nanostructures of ZnO and SnO <sub>2</sub> . Applied Physics A: Materials Science and Processing, 2010, 98, 161-166.	2.3	17
13	Sensing behaviour of nanosized zinc-tin composite oxide towards liquefied petroleum gas and ethanol. Materials Research Bulletin, 2010, 45, 1162-1164.	5.2	13
14	Effect of reaction temperature on crystallite size and sensing response of chromium oxide nanoparticles. Materials Research Bulletin, 2012, 47, 2072-2076.	5.2	13
15	Optical and thermal properties of precursor-controlled graphene-zinc nanocomposites. Materials Science in Semiconductor Processing, 2013, 16, 1706-1712.	4.0	4
16	Effect of Sn doping on morphology and ethanol sensing response of ZnO nanorods. , 2012, , .		1
17	Gas sensing properties of zinc oxide thin films prepared by spray pyrolysis. , 2012, , .		1
18	Optical studies of reduced graphene oxide thin films. , 2013, , .		1

#	ARTICLE	IF	CITATIONS
19	Acetone sensor based on zinc oxide hexagonal tubes. , 2014, , .		0
20	Improvement in LPG sensing response by surface activation of ZnO thick films with Cr <sub>2</sub> O <sub>3</sub> . AIP Conference Proceedings, 2015, , .	0.4	0