

Jeevitesh Kumar Rajput

List of Publications by Year in descending order

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21
papers

682
citations

687363

13
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

670
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of ZnO:TiO ₂ nanocomposites for photocatalyst application in visible light. Vacuum, 2019, 160, 154-163.	3.5	149
2	Multilayer MgZnO/ZnO thin films for UV photodetectors. Journal of Alloys and Compounds, 2018, 764, 724-729.	5.5	87
3	Influence of sol concentration on CdO nanostructure with gas sensing application. Applied Surface Science, 2017, 409, 8-16.	6.1	69
4	Tailoring and optimization of hybrid ZnO:TiO ₂ :CdO nanomaterials for advance oxidation process under visible light. Applied Surface Science, 2020, 509, 145326.	6.1	52
5	Transparent conducting ZnO-CdO mixed oxide thin films grown by the sol-gel method. Journal of Colloid and Interface Science, 2017, 487, 378-387.	9.4	50
6	Annealing temperature dependent investigations on nano-cauliflower like structure of CdO thin film grown by sol-gel method. Surfaces and Interfaces, 2017, 6, 11-17.	3.0	46
7	CdO:ZnO nanocomposite thin films for oxygen gas sensing at low temperature. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2018, 228, 241-248.	3.5	35
8	Tailoring and optimization of optical properties of CdO thin films for gas sensing applications. Physica B: Condensed Matter, 2018, 535, 314-318.	2.7	33
9	Cu sputtered Cu/ZnO Schottky diodes on fluorine doped tin oxide substrate for optoelectronic applications. Thin Solid Films, 2019, 679, 79-85.	1.8	30
10	Synthesis and characterization of highly porous hexagonal shaped CeO ₂ -Gd ₂ O ₃ -CoO nanocomposite and its opto-electronic humidity sensing. Applied Surface Science, 2019, 479, 326-333.	6.1	30
11	Improved stability of gas sensor by inclusion of Sb in nanostructured SnO ₂ thin films grown on sodalime. Journal of Alloys and Compounds, 2020, 830, 154659.	5.5	21
12	Influence of N ₂ flow rate on UV photodetection properties of sputtered p-ZnO/n-Si heterojunctions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 586, 124103.	4.7	17
13	Photoactive CdO:TiO ₂ nanocomposites for dyes degradation under visible light. Materials Chemistry and Physics, 2020, 253, 123191.	4.0	17
14	Impact of Sputtering Power on Properties of CdO:ZnO Thin Films Synthesized by Composite Method for Oxygen Gas Sensing Application. Journal of Electronic Materials, 2019, 48, 6640-6646.	2.2	11
15	SnO ₂ -Co ₃ O ₄ pores composites for CO ₂ gas sensing at low operating temperature. Microporous and Mesoporous Materials, 2021, 326, 111343.	4.4	10
16	Controlled sol-gel synthesis of oxygen sensing CdO-ZnO hexagonal particles for different annealing temperatures. RSC Advances, 2019, 9, 31316-31324.	3.6	8
17	Synthesis of CdO Nanoflowers by Sol-Gel Method on Different Substrates with Photodetection Application. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1900093.	1.8	6
18	Impact of RF Sputtering Power on AZO Thin Films for Flexible Electro-Optical Applications. Crystal Research and Technology, 2021, 56, 2000144.	1.3	6

#	ARTICLE	IF	CITATIONS
19	Liquid petroleum gas sensing application of ZnO/CdO:ZnO nanocomposites at low temperature. AIP Conference Proceedings, 2018, , .	0.4	3
20	Porous-shaped n-CdZnO/p-Si heterojunctions for UV photodetectors. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	2
21	Effect of annealing temperature on the spectroscopic and photoluminescence properties of CdO-ZnO nanocomposites. Journal of Modern Optics, 2020, 67, 1410-1415.	1.3	0