Rajendra B V

List of Publications by Year
in descending order

32 papers	261 citations	1039880 9 h-index	996849 15 g-index
32 all docs	32 docs citations	32 times ranked	219 citing authors

#	Article	IF	Citations
1	Investigation of structure, morphology, photoluminescence, linear and third-order nonlinear optical properties of Sn1â"xLaxO2 thin films for optical limiting applications. Journal of Alloys and Compounds, 2022, 892, 162070.	2.8	8
2	Influence of annealing on microstructure, nonlinear optical and electrical properties of spray pyrolyzed Sn0.97La0.03O2 films. Optical Materials, 2022, 125, 112080.	1.7	4
3	A study on structure, surface morphology, optical and electrical properties of spray pyrolyzed ZnO and Zn0.97Nd0.03O thin films. Materials Today: Proceedings, 2022, 55, 87-93.	0.9	2
4	Microstructural and piezoelectric properties of ZnO films. Materials Science in Semiconductor Processing, 2022, 146, 106680.	1.9	8
5	A comprehensive investigation of structural and optical properties of the spray coated Nd-doped ZnO. Journal of Alloys and Compounds, 2022, 922, 166262.	2.8	8
6	Modification of structure, electrical, linear and third-order nonlinear optical properties of spray pyrolyzed tin oxide films by deposition temperature. Superlattices and Microstructures, 2021, 155, 106920.	1.4	7
7	Enhancement of optical limiting performance in nanocrystalline La3+ doped ZnO film. Materials Science in Semiconductor Processing, 2021, 133, 105931.	1.9	16
8	Microstructural, linear and nonlinear optical study of spray pyrolysed nanostructured Laâ€"ZnO thin film: An effect of deposition temperature. Optical Materials, 2021, 122, 111742.	1.7	9
9	Influence of Cd on structure, surface morphology, optical and electrical properties of nano crystalline ZnS films. Sensors and Actuators A: Physical, 2020, 303, 111719.	2.0	13
10	Influence of structure and surface morphology on optical limiting property of spray pyrolyzed ZCO thin films. Chemical Physics Letters, 2020, 759, 137975.	1.2	4
11	Band structure controlled solid solution of spray deposited Cd1-x ZnxS films: Investigation on photoluminescence and photo response properties. Physica B: Condensed Matter, 2020, 586, 412143.	1.3	6
12	Influence of cobalt doping on structure, optical and magnetic properties of spray pyrolysed nano structured ZnO films. Physica B: Condensed Matter, 2019, 572, 18-26.	1.3	10
13	Influence of solution molarity on structure, surface morphology, non-linear optical and electric properties of CdO thin films prepared by spray pyrolysis technique. Materials Research Express, 2019, 6, 106447.	0.8	17
14	Molarity dependent transport properties of chemically sprayed Cd0.90Zn0.10S thin films for optoelectronic applications. AIP Conference Proceedings, 2019, , .	0.3	0
15	Nonlinear optical and optical power limiting studies of Zn1-xMnxO thin films prepared by spray pyrolysis. Optik, 2019, 182, 671-681.	1.4	27
16	Optical, electrical and magnetic properties of fiber structure Zn0.99Mn0.01O films prepared by spray pyrolysis. Thin Solid Films, 2018, 655, 83-94.	0.8	7
17	Defect induced white-light emission from Mnâ€"doped ZnO films and its magnetic properties. Journal of Luminescence, 2018, 199, 423-432.	1.5	16
18	Influence of Molar Concentration on the Structure and Optical Properties of ZnO Films Grown by Spray Pyrolysis Method. IOP Conference Series: Materials Science and Engineering, 2018, 360, 012051.	0.3	0

#	Article	IF	Citations
19	Effect of deposition temperature and Zn composition on structure, optical and electrical properties of CdO thin films. Journal of Materials Science: Materials in Electronics, 2018, 29, 12603-12614.	1.1	12
20	Cd-doped ZnO nano crystalline thin films prepared at 723K by spray pyrolysis. AIP Conference Proceedings, 2018, , .	0.3	1
21	Effect of Substrate Temperature and Molarity on Optical and Electrical Properties of Mixed Structured Zn0.80Cd0.20O Thin Films. Journal of Electronic Materials, 2018, 47, 6681-6690.	1.0	5
22	Role of growth conditions on optical and electrical properties of fiber structured Zn0.90Cd0.1O thin films. Journal of Materials Science: Materials in Electronics, 2017, 28, 7489-7500.	1.1	1
23	Tuning optical, electrical and magnetic properties of fiber structured ZnO film by deposition temperature and precursor concentration. Materials Science in Semiconductor Processing, 2017, 68, 97-107.	1.9	18
24	Optical and electrical properties of Zn1â^'x Cd x O thin films. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	1.1	7
25	Influence of Precursor Solution Concentration on Structure and Magnetic Properties of Zinc Oxide Thin Films. Key Engineering Materials, 2016, 724, 43-47.	0.4	0
26	Optical Properties of Zinc Oxide (ZnO) Thin Films Prepared by Spray Pyrolysis Method. Advanced Materials Research, 2014, 895, 226-230.	0.3	2
27	Influence of preparation parameters on structure and optical properties of ZnO thin films. Indian Journal of Physics, 2014, 88, 585-591.	0.9	3
28	Characterization of cadmium sulphide thin films prepared by successive ionic layers adsorption and reaction method. Journal of Materials Science: Materials in Electronics, 2013, 24, 567-571.	1.1	1
29	Flexible cadmium telluride/cadmium sulphide thin film solar cells on mica substrate. Journal of Materials Science: Materials in Electronics, 2012, 23, 1805-1808.	1.1	6
30	Small Molecule Thin Film Solar Cells With Active Layers Composed Of Copper Phthalocyanine (CuPc) And Fullerene (C[sub 70]). , 2011, , .		0
31	Growth and characterization of semiconducting cadmium selenide thin films. Crystal Research and Technology, 2003, 38, 30-33.	0.6	41
32	Effect of Cadmium Dopant on Structure and Optical Properties of ZnO Thin Films Prepared by Spray Pyrolysis Technique. IOP Conference Series: Materials Science and Engineering, 0, 360, 012050.	0.3	2