Ruby Das

List of Publications by Year
in descending order

13 papers	215 citations	1307594 7 h-index	1125743 13 g-index
13 all docs	13 docs citations	13 times ranked	191 citing authors

#	Article	IF	Citations
1	Preparation of nanocrystalline Sb doped PbS thin films and their structural, optical, and electrical characterization. Superlattices and Microstructures, 2014, 75, 601-612.	3.1	56
2	Preparation of nanocrystalline PbS thin films and effect of Sn doping and annealing on their structural and optical properties. Materials Research Bulletin, 2012, 47, 239-246.	5.2	48
3	Synthesis and optical properties of chemical bath deposited ZnO thin film. Karbala International Journal of Modern Science, 2015, 1, 159-165.	1.0	40
4	Incorporation of tin in nanocrystalline CdSe thin films: a detailed study of optoelectronic and microstructural properties. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	15
5	Compositional effect of antimony on structural, optical, and photoluminescence properties of chemically deposited (Cd1â^'xSbx)S thin films. Superlattices and Microstructures, 2013, 59, 29-37.	3.1	14
6	Compositional effect on optical characteristics of solution grown (Cd1â^'xSnx)S thin films. Journal of Materials Science, 2008, 43, 5972-5976.	3.7	8
7	Effect of annealing and composition on crystal structure, surface morphology and optical absorption of chemically deposited Cd_{1â€x}Sn_xS films. Crystal Research and Technology, 2010, 45, 725-731.	1.3	8
8	Effect of the concentration of TEA on the formation of lead hydroxide micro to nanoparticle. Materials Science in Semiconductor Processing, 2015, 32, 49-54.	4.0	7
9	Preparation of nanocrystalline Mg doped CdSe thin films and their optical, photoluminescence, electrical and structural characterization. Journal of Materials Science: Materials in Electronics, 2017, 28, 18296-18306.	2.2	6
10	Structural, photoluminescence and optical properties of chemically deposited (Cd1â^'xBix)S thin films as a function of dopant concentration. Journal of Materials Science: Materials in Electronics, 2013, 24, 697-703.	2.2	5
11	A comprehensive study of structural, optical and electrical properties of Cu doped CdS nanocrystalline thin films: for optoelectronic applications. Journal of Materials Science: Materials in Electronics, 2022, 33, 11601-11612.	2.2	5
12	A systematic investigation on structural and optical properties of solâ€“gel spin coating fabricated CdS nanocrystalline thin films: effect of Ni doping. Journal of Materials Science: Materials in Electronics, 2021, 32, 20903-20911.	2.2	2
13	Synthesis of Nanocrystalline SnxCd1â^'xS Thin Films Capped with Thioglycerol and Methanol (TGM) and Study of Optical and Structural Properties. Journal of Electronic Materials, 2019, 48, 2152-2161.	2.2	1