

# S N Sarangi

## List of Publications by Year in descending order

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19  
papers

333  
citations

1040056

9  
h-index

888059

17  
g-index

20  
all docs

20  
docs citations

20  
times ranked

575  
citing authors

#	ARTICLE	IF	CITATIONS
1	Au-nanocluster emission based glucose sensing. Biosensors and Bioelectronics, 2011, 29, 60-65.	10.1	64
2	Structural and optical properties of Mn-doped CdS thin films prepared by ion implantation. Journal of Applied Physics, 2009, 105, .	2.5	60
3	Strong UV absorption and emission from L-cysteine capped monodispersed gold nanoparticles. Applied Physics Letters, 2009, 95, 073109.	3.3	38
4	Implantation-assisted Co-doped CdS thin films: Structural, optical, and vibrational properties. Journal of Applied Physics, 2009, 106, .	2.5	37
5	MeV N <sup>+</sup> -ion irradiation effects on $\text{In}_2\text{O}_3$ thin films. Journal of Applied Physics, 2007, 101, 034913.	2.5	29
6	Effect of Fe-ion implantation doping on structural and optical properties of CdS thin films. Applied Physics A: Materials Science and Processing, 2010, 99, 837-842.	2.3	20
7	Biomolecular recognition in DNA tagged CdSe nanowires. Biosensors and Bioelectronics, 2007, 22, 3086-3091.	10.1	16
8	Positive exchange bias and inverted hysteresis loop in $\text{Y}_3\text{Fe}_5\text{O}_{12}/\text{Gd}_3\text{Fe}_5\text{O}_{12}$ bilayers. Applied Physics Letters, 2007, 91, 072502.	3.2	14
9	Substrate effect of hydrothermally grown ZnO nanorods and its luminescence properties. Journal of Experimental Nanoscience, 2013, 8, 382-388.	2.4	11
10	Current-voltage and capacitance-voltage studies of nanocrystalline CdSe/Au Schottky junction interface. Journal of Nanoparticle Research, 2010, 12, 2277-2286.	1.9	9
11	Electrical properties of 1N4007 silicon diode. Review of Scientific Instruments, 1997, 68, 2904-2908.	1.3	8
12	STRUCTURE AND MORPHOLOGICAL STUDIES OF CdSe NANOCRYSTALS. International Journal of Nanoscience, 2006, 05, 109-117.	0.7	7
13	Size quantization effect in highly stable UV emitting HgTe nanoparticles: Structure and optical properties. Journal of Applied Physics, 2009, 106, .	2.5	7
14	Biocatalytic growth of semiconductor nanowires. Journal of Applied Physics, 2007, 101, 074306.	2.5	4
15	Evolution Of Surface Topography On GaAs(100) And GaAs(111) At Normal And Oblique Incidence Of Ar <sup>+</sup> -Ions. , 2010, , .		3
16	Magnetic Performance of Bi Architecture $\text{In}_2\text{Fe}_2\text{O}_3/\text{NiFe}_2\text{O}_4$ Nanocomposite. Journal of Superconductivity and Novel Magnetism, 2022, 35, 833-838.	1.8	3
17	Influence of bowl shaped substrate holder on growth of polymeric DLC film in a microwave plasma CVD reactor. Bulletin of Materials Science, 2012, 35, 1117-1121.	1.7	2
18	Tailoring magnetism in spinel vanadate $\text{CoV}_2\text{O}_4$ epitaxial thin films. Journal of Physics Condensed Matter, 2021, 33, 365801.	1.8	1

#	ARTICLE	IF	CITATIONS
19	DNA assisted synthesis of CdS nanowires: A nano-bioelectronic device. AIP Conference Proceedings, 2018, , .	0.4	0