

S N Sarangi

List of Publications by Year in descending order

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19
papers

333
citations

1040056

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888059

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic Performance of Bi Architecture \hat{I}_{\pm} -Fe ₂ O ₃ /NiFe ₂ O ₄ Nanocomposite. Journal of Superconductivity and Novel Magnetism, 2022, 35, 833-838. Positive exchange bias and inverted hysteresis loop in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle Y \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle Fe \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 5 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle O \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 12 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle Gd \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle$	1.8	3
2	Tailoring magnetism in spinel vanadate CoV ₂ O ₄ epitaxial thin films. Journal of Physics Condensed Matter, 2021, 33, 365801.	3.2	14
3	DNA assisted synthesis of CdS nanowires: A nano-bioelectronic device. AIP Conference Proceedings, 2018, , .	1.8	1
4	DNA assisted synthesis of CdS nanowires: A nano-bioelectronic device. AIP Conference Proceedings, 2018, , .	0.4	0
5	Substrate effect of hydrothermally grown ZnO nanorods and its luminescence properties. Journal of Experimental Nanoscience, 2013, 8, 382-388.	2.4	11
6	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
7	Au-nanocluster emission based glucose sensing. Biosensors and Bioelectronics, 2011, 29, 60-65.	10.1	64
8	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
9	Current-voltage and capacitance-voltage studies of nanocrystalline CdSe/Au Schottky junction interface. Journal of Nanoparticle Research, 2010, 12, 2277-2286.	1.9	9
10	Evolution Of Surface Topography On GaAs(100) And GaAs(111) At Normal And Oblique Incidence Of Ar ⁺ -Ions. , 2010, , .		3
11	Structural and optical properties of Mn-doped CdS thin films prepared by ion implantation. Journal of Applied Physics, 2009, 105, .	2.5	60
12	Implantation-assisted Co-doped CdS thin films: Structural, optical, and vibrational properties. Journal of Applied Physics, 2009, 106, .	2.5	37
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	Strong UV absorption and emission from L-cysteine capped monodispersed gold nanoparticles. Applied Physics Letters, 2009, 95, 073109.	3.3	38
15	MeV N ⁺ -ion irradiation effects on \hat{I}_{\pm} -MoO ₃ thin films. Journal of Applied Physics, 2007, 101, 034913.	2.5	29
16	Biocatalytic growth of semiconductor nanowires. Journal of Applied Physics, 2007, 101, 074306.	2.5	4
17	Biomolecular recognition in DNA tagged CdSe nanowires. Biosensors and Bioelectronics, 2007, 22, 3086-3091.	10.1	16
18	STRUCTURE AND MORPHOLOGICAL STUDIES OF CdSe NANOCRYSTALS. International Journal of Nanoscience, 2006, 05, 109-117.	0.7	7

#	ARTICLE	IF	CITATIONS
19	Electrical properties of 1N4007 silicon diode. Review of Scientific Instruments, 1997, 68, 2904-2908.	1.3	8