

Arumugam Chandra Bose

List of Publications by Year in descending order

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13
papers

1,004
citations

933447

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1281871

11
g-index

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13
docs citations

13
times ranked

1561
citing authors

#	ARTICLE	IF	CITATIONS
1	One-pot synthesis of $\text{LaMnO}_3/\text{Mn}_3\text{O}_4$ Nanocomposite: Impact of Calcination Temperature on the Synergetic Effect Towards High Energy Supercapacitor Performance. <i>ChemistrySelect</i> , 2018, 3, 6459-6467.	1.5	9
2	$\text{h-MnO}_2/\text{h-MoO}_3$ Hybrid Material for High Performance Supercapacitor Electrode and Photocatalyst. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 4757-4770.	6.7	99
3	Investigation on structural, thermal, optical and sensing properties of meta-stable hexagonal MoO_3 nanocrystals of one dimensional structure. <i>Beilstein Journal of Nanotechnology</i> , 2011, 2, 585-592.	2.8	88
4	Gas Sensing Properties of Needle-shaped Ni-doped SnO_2 Nanocrystals Prepared by a Simple Sol-gel Chemical Precipitation Method. <i>Chemistry - an Asian Journal</i> , 2010, 5, 2379-2385.	3.3	33
5	Structural and optical studies of yttrium oxide nanoparticles synthesized by co-precipitation method. <i>Materials Research Bulletin</i> , 2010, 45, 1165-1170.	5.2	85
6	Structural and Optical Characterization of Samarium Doped Yttrium Oxide Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 6747-6752.	0.9	10
7	X-ray peak broadening analysis in ZnO nanoparticles. <i>Solid State Communications</i> , 2009, 149, 1919-1923.	1.9	421
8	Monoclinic h-MoO_3 nanosheets produced by atmospheric microplasma: application to lithium-ion batteries. <i>Nanotechnology</i> , 2008, 19, 495302.	2.6	101
9	Reactive Evaporation of Metal Wire and Microdeposition of Metal Oxide Using Atmospheric Pressure Reactive Microplasma Jet. <i>Japanese Journal of Applied Physics</i> , 2006, 45, 8228-8234.	1.5	53
10	Development of wire spraying for direct micro-patterning via an atmospheric-pressure UHF inductively coupled microplasma jet. <i>Surface and Coatings Technology</i> , 2006, 200, 4251-4256.	4.8	50
11	Flow rate effect on the structure and morphology of molybdenum oxide nanoparticles deposited by atmospheric-pressure microplasma processing. <i>Nanotechnology</i> , 2006, 17, 5976-5982.	2.6	54
12	Morphological and Luminescence Study on Eu^{3+} Doped ZnO Nanoparticle Prepared by Hydrothermal Method. <i>Advanced Materials Research</i> , 0, 585, 129-133.	0.3	1
13	Effect of Mineralizer (KNO_3) on the Structural and Optical Properties of h-MoO_3 Nanocrystals. <i>Advanced Materials Research</i> , 0, 585, 110-114.	0.3	0