

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

13
all docs

13
docs citations

13
times ranked

1561
citing authors

#	ARTICLE	IF	CITATIONS
1	X-ray peak broadening analysis in ZnO nanoparticles. Solid State Communications, 2009, 149, 1919-1923.	1.9	421
2	Monoclinic β - MoO_3 nanosheets produced by atmospheric microplasma: application to lithium-ion batteries. Nanotechnology, 2008, 19, 495302.	2.6	101
3	β - MnO_2 / β - MoO_3 Hybrid Material for High Performance Supercapacitor Electrode and Photocatalyst. ACS Sustainable Chemistry and Engineering, 2017, 5, 4757-4770.	6.7	99
4	Investigation on structural, thermal, optical and sensing properties of meta-stable hexagonal MoO_3 nanocrystals of one dimensional structure. Beilstein Journal of Nanotechnology, 2011, 2, 585-592.	2.8	88
5	Structural and optical studies of yttrium oxide nanoparticles synthesized by co-precipitation method. Materials Research Bulletin, 2010, 45, 1165-1170.	5.2	85
6	Flow rate effect on the structure and morphology of molybdenum oxide nanoparticles deposited by atmospheric-pressure microplasma processing. Nanotechnology, 2006, 17, 5976-5982.	2.6	54
7	Reactive Evaporation of Metal Wire and Microdeposition of Metal Oxide Using Atmospheric Pressure Reactive Microplasma Jet. Japanese Journal of Applied Physics, 2006, 45, 8228-8234.	1.5	53
8	Development of wire spraying for direct micro-patterning via an atmospheric-pressure UHF inductively coupled microplasma jet. Surface and Coatings Technology, 2006, 200, 4251-4256.	4.8	50
9	Gas Sensing Properties of Needle Shaped Ni Doped SnO_2 Nanocrystals Prepared by a Simple Sol-Gel Chemical Precipitation Method. Chemistry - an Asian Journal, 2010, 5, 2379-2385.	3.3	33
10	Structural and Optical Characterization of Samarium Doped Yttrium Oxide Nanoparticles. Journal of Nanoscience and Nanotechnology, 2009, 9, 6747-6752.	0.9	10
11	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. ChemistrySelect, 2018, 3, 6459-6467.	1.5	9
12	Morphological and Luminescence Study on Eu^{3+} Doped ZnO Nanoparticle Prepared by Hydrothermal Method. Advanced Materials Research, 0, 585, 129-133.	0.3	1
13	Effect of Mineralizer (KNO_3) on the Structural and Optical Properties of β - MoO_3 Nanocrystals. Advanced Materials Research, 0, 585, 110-114.	0.3	0