Bharati Panigrahy

List of Publications by Year
in descending order

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18	1,125	567281 15	839539 18
papers	citations	h-index	g-index

18	18	18	2051
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Construction of CdSeâ€“AuPd quantum dot 0D/0D hybrid photocatalysts: charge transfer dynamic study with electrochemical analysis for improved photocatalytic activity. Dalton Transactions, 2022, 51, 664-674.	3.3	3
2	Self-assembled 3D graphene-based aerogel with Au nanoparticles as high-performance supercapacitor electrode. Journal of Energy Storage, 2021, 43, 103157.	8.1	17
3	Ice-templating synthesis of macroporous noble metal/3D-graphene nanocomposites: their fluorescence lifetimes and catalytic study. New Journal of Chemistry, 2017, 41, 7861-7869.	2.8	24
4	Competing Roles of Substrate Composition, Microstructure, and Sustained Strontium Release in Directing Osteogenic Differentiation of hMSCs. ACS Applied Materials & Interfaces, 2017, 9, 19389-19408.	8.0	31
5	Highly efficient and simultaneous catalytic reduction of multiple dyes using recyclable RGO/Co dendritic nanocomposites as catalyst for wastewater treatment. RSC Advances, 2016, 6, 106723-106731.	3.6	36
6	Minuscule weight percent of graphene oxide and reduced graphene oxide modified Ag₃PO₄: new insight into improved photocatalytic activity. New Journal of Chemistry, 2016, 40, 3370-3384.	2.8	21
7	Enhanced photocatalytic efficiency of AuPd nanoalloy decorated ZnO-reduced graphene oxide nanocomposites. RSC Advances, 2015, 5, 8918-8928.	3.6	45
8	Facile synthesis of reduced graphene oxide/Ptâ€“Ni nanocatalysts: their magnetic and catalytic properties. RSC Advances, 2014, 4, 48563-48571.	3.6	52
9	In situ synthesis and properties of reduced graphene oxide/Bi nanocomposites: As an electroactive material for analysis of heavy metals. Biosensors and Bioelectronics, 2013, 43, 293-296.	10.1	182
10	Magnetic behavior of reduced graphene oxide/metal nanocomposites. Journal of Applied Physics, 2013, 113, .	2.5	21
11	p-type Phosphorus doped ZnO nanostructures: an electrical, optical, and magnetic properties study. RSC Advances, 2012, 2, 6222.	3.6	35
12	Effect of Fe doping concentration on optical and magnetic properties of ZnO nanorods. Nanotechnology, 2012, 23, 115601.	2.6	88
13	Mobility enhancement of solution-processed Poly(3-Hexylthiophene) based organic transistor using zinc oxide nanostructures. Composites Part B: Engineering, 2012, 43, 1645-1648.	12.0	14
14	Controlled optical and magnetic properties of ZnO nanorods by Ar ion irradiation. Applied Physics Letters, 2011, 98, .	3.3	41
15	STRUCTURAL, OPTICAL, AND MAGNETIC PROPERTIES OF Gd-DOPED ZnO NANORODS BY A NOVEL AQUEOUS SOLUTION METHOD. International Journal of Nanoscience, 2011, 10, 629-633.	0.7	7
16	Defectâ€Related Emissions and Magnetization Properties of ZnO Nanorods. Advanced Functional Materials, 2010, 20, 1161-1165.	14.9	284
17	Aqueous Synthesis of Mn- and Co-Doped ZnO Nanorods. Journal of Physical Chemistry C, 2010, 114, 11758-11763.	3.1	170
18	Polymer-mediated shape-selective synthesis of ZnO nanostructures using a single-step aqueous approach. CrystEngComm, 2009, 11, 1920.	2.6	54