

# Bharati Panigrahy

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12165494/publications.pdf>

Version: 2024-02-01

18  
papers

1,125  
citations

567281

15  
h-index

839539

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

2051  
citing authors

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