

Kajari Dutta Das

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4748294/publications.pdf>

Version: 2024-02-01

26
papers

1,330
citations

361413

20
h-index

552781

26
g-index

26
all docs

26
docs citations

26
times ranked

2116
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of plasmonic solar photocatalyst: Judicially coupled hot carrier induced surface plasmon of Ag with graphene. <i>Optical Materials</i> , 2022, 123, 111887.	3.6	4
2	Room temperature synthesis of GO/Ag ₂ O nanocomposite: Broad spectral ranged solar photocatalyst and high efficacy antibiotic for waste water treatment. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107175.	6.7	7
3	Judicial design of graphene based nanocomposite harvesting UV-Visible spectrum: Efficient, eco-friendly solar photocatalyst for industrial waste management. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104851.	6.7	8
4	A BICHRMOPHORIC ORGANIC-INORGANIC SEMICONDUCTOR NANOCOMPOSITE: DEVICE READY BROAD SPECTRAL RESPONSE LIGHT-HARVESTING MATERIAL WITH ENHANCED PHOTORESPONSE. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 597, 124707.	4.7	1
5	Engineering of ZnO/rGO nanocomposite photocatalyst towards rapid degradation of toxic dyes. <i>Materials Chemistry and Physics</i> , 2019, 223, 456-465.	4.0	123
6	Efficient Flexible White-Light Photodetectors Based on BiFeO ₃ Nanoparticles. <i>ACS Applied Nano Materials</i> , 2018, 1, 625-631.	5.0	33
7	Highly efficient photocatalytic activity of CuO quantum dot decorated rGO nanocomposites. <i>Journal Physics D: Applied Physics</i> , 2016, 49, 315107.	2.8	31
8	Core-shell ZnO@CuInS ₂ hexagonal nanopyramids with improved photo-conversion efficiency. <i>Solar Energy Materials and Solar Cells</i> , 2015, 143, 326-334.	6.2	11
9	Large magnetic exchange anisotropy at a heterointerface composed of nanostructured BiFeO ₃ and NiO. <i>Journal Physics D: Applied Physics</i> , 2014, 47, 325002.	2.8	5
10	Exchange bias effect in BiFeO ₃ -NiO nanocomposite. <i>Journal of Applied Physics</i> , 2014, 115, .	2.5	27
11	Bright white light emitting Eu and Tb co-doped monodisperse In ₂ O ₃ nanocrystals. <i>Journal of Materials Chemistry C</i> , 2013, 1, 5557.	5.5	52
12	Interfacial magnetism and exchange coupling in BiFeO ₃ â€“CuO nanocomposite. <i>Nanotechnology</i> , 2013, 24, 505711.	2.6	26
13	Effect of oleic acid ligand on photophysical, photoconductive and magnetic properties of monodisperse SnO ₂ quantum dots. <i>Dalton Transactions</i> , 2013, 42, 3434-3446.	3.3	50
14	Optical and ferroelectric properties of ruthenium-doped BaTiO ₃ nanocubes. <i>Journal Physics D: Applied Physics</i> , 2012, 45, 505304.	2.8	29
15	Template free synthesis of SnO ₂ nanoflower arrays on Sn foil. <i>CrystEngComm</i> , 2012, 14, 929-935.	2.6	26
16	Enhanced magnetic and dielectric properties of Eu and Co co-doped BiFeO ₃ nanoparticles. <i>Applied Physics Letters</i> , 2012, 101, 042401.	3.3	192
17	Magnetic and dielectric properties of Eu-doped BiFeO ₃ nanoparticles by acetic acid-assisted sol-gel method. <i>Journal of Applied Physics</i> , 2011, 110, .	2.5	85
18	Vibrational spectroscopy and ionic conductivity of polyethylene oxideâ€“NaClO ₄ â€“CuO nanocomposite. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 83, 384-391.	3.9	23

#	ARTICLE	IF	CITATIONS
19	Luminescence properties of the solvothermally synthesized blue light emitting Mn doped Cu ₂ O nanoparticles. Journal of Applied Physics, 2010, 107, .	2.5	27
20	Template-Free Synthesis of Mesoporous CuO Dandelion Structures For Optoelectronic Applications. ACS Applied Materials & Interfaces, 2010, 2, 1536-1542.	8.0	77
21	Optical and photoconductivity studies of Cu ₂ O nanowires synthesized by solvothermal method. Journal of Luminescence, 2009, 129, 1015-1022.	3.1	47
22	Optical Properties of the Type-II Core-Shell TiO ₂ @CdS Nanorods for Photovoltaic Applications. Journal of Physical Chemistry C, 2009, 113, 3494-3501.	3.1	113
23	Morphology Dependent Luminescence Properties of Co Doped TiO ₂ Nanostructures. Journal of Physical Chemistry C, 2009, 113, 14783-14792.	3.1	170
24	Solvent-controlled synthesis of TiO ₂ 1D nanostructures: Growth mechanism and characterization. Journal of Crystal Growth, 2008, 310, 3792-3799.	1.5	61
25	Effect of Cu/In molar ratio on the microstructural and optical properties of microcrystalline CuInS ₂ prepared by solvothermal route. Materials Research Bulletin, 2008, 43, 2742-2750.	5.2	74
26	CuInS ₂ Flower Vase-like Nanostructure Arrays on a Cu Tape Substrate by the Copper Indium Sulfide on Cu-Tape (CISCuT) Method: A Growth and Characterization. Crystal Growth and Design, 2007, 7, 1547-1552.	3.0	28