

Bikash Chandra Nath

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

724
citations

1163117

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1281871

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docs citations

11
times ranked

1191
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and evaluation of antioxidant and antibacterial behavior of CuO nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 101, 430-433.	5.0	337
2	Synthesis of ZnO nanoparticles and evaluation of antioxidant and cytotoxic activity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 111, 556-560.	5.0	219
3	High performance polyvinyl alcohol/multi walled carbon nanotube/polyaniline hydrogel (PVA/MWCNT/PAni) based dye sensitized solar cells. <i>Electrochimica Acta</i> , 2014, 146, 106-111.	5.2	50
4	Polyaniline nanotube/reduced graphene oxide aerogel as efficient counter electrode for quasi solid state dye sensitized solar cell. <i>Solar Energy</i> , 2019, 186, 360-369.	6.1	38
5	A highly stable and efficient quasi solid state dye sensitized solar cell based on Polymethyl methacrylate (PMMA)/Carbon black (CB) polymer gel electrolyte with improved open circuit voltage. <i>Electrochimica Acta</i> , 2017, 247, 216-228.	5.2	25
6	An efficient quasi solid state dye sensitized solar cell based on polyethylene glycol/graphene nanosheet gel electrolytes. <i>RSC Advances</i> , 2015, 5, 95385-95393.	3.6	15
7	Development of Dye-Sensitized Solar Cells Based on Gold/Gelatin Gel Electrolyte: Effect of Different Aspect Ratio of Gold Nanocrystals. <i>IEEE Journal of Photovoltaics</i> , 2015, 5, 1665-1673.	2.5	13
8	Dimensionally integrated $\text{I}^{\pm}\text{-MnO}_2$ /Carbon black binary complex as platinum free counter electrode for dye sensitized solar cell. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 348, 33-40.	3.9	11
9	Development of Quasi-Solid-State Dye-Sensitized Solar Cells Based on a Poly (vinyl alcohol)/Poly (ethylene glycol)/Functionalized Multi-Walled Carbon Nanotubes Gel Electrolyte. <i>ChemistrySelect</i> , 2017, 2, 673-679.	1.5	8
10	Designing of platinum free NiS anchored graphene/polyaniline nanocomposites based counter electrode for dye sensitized solar cell. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 1042-1050.	2.2	7
11	Highly Efficient Platinum Free Multi-Walled Carbon Nanotubes/Silver Nanocomposites as Counter Electrode for Dye Sensitized Solar Cell. <i>ChemistrySelect</i> , 2016, 1, 1863-1869.	1.5	1