

# Bikash Chandra Nath

## List of Publications by Year in descending order

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11  
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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Dimensionally integrated $\text{TiO}_2$ -MnO <sub>2</sub> /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
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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