Dipti Prakasini Das

List of Publications by Year
in descending order

15 papers	799 citations	623734 14 h-index	996975 15 g-index
18 all docs	18 docs citations	18 times ranked	1203 citing authors

#	Article	IF	Citations
1	Hydrogen Photosynthesis through Schottky Junction of RGO-NiPO and the Perspective of the Mechanism. ACS Sustainable Chemistry and Engineering, 2019, 7, 10052-10063.	6.7	15
2	Repercussion of Solid state vs. Liquid state synthesized p-n heterojunction RGO-copper phosphate on proton reduction potential in water. Scientific Reports, 2018, 8, 2881.	3.3	23
3	Transfiguring UV light active â€œmetal oxidesâ€•to visible light active photocatayst by reduced graphene oxide hypostatization. Catalysis Today, 2018, 300, 124-135.	4.4	22
4	Construing the interactions between MnO₂ nanoparticle and bovine serum albumin: insight into the structure and stability of a proteinâ€“nanoparticle complex. New Journal of Chemistry, 2017, 41, 8130-8139.	2.8	48
5	Reduced Graphene Oxideâ€“Ag₃PO₄ Heterostructure: A Direct Zâ€•Scheme Photocatalyst for Augmented Photoreactivity and Stability. Chemistry - an Asian Journal, 2016, 11, 584-595.	3.3	44
6	3â€‰D Co₃(PO₄)₂â€“Reduced Graphene Oxide Flowers for Photocatalytic Water Splitting: A Typeâ€…II Staggered Heterojunction System. ChemSusChem, 2016, 9, 3150-3160.	6.8	59
7	Oneâ€Pot Fabrication of <scp>RGO</scp>â€“<scp><scp>Ag</scp></scp>₃<scp>VO</scp>₄ Nanocomposites by in situ Photoreduction using Different Sacrificial Agents: High Selectivity Toward Catechol Synthesis and Photodegradation Ability. Photochemistry and Photobiology, 2014, 90, 57-65.	2.5	18
8	Cs salt of tungstophosphoric acid-promoted zirconium titanium phosphate solid acid catalyst: An active catalyst for the synthesis of bisphenols. Journal of Chemical Sciences, 2014, 126, 455-465.	1.5	2
9	One pot synthesis of water-dispersible dehydroascorbic acid coated Fe3O4 nanoparticles under atmospheric air: Blood cell compatibility and enhanced magnetic resonance imaging. Journal of Colloid and Interface Science, 2014, 430, 221-228.	9.4	68
10	Solar-light induced photodegradation of organic pollutants over CdS-pillared zirconiumâ€“titanium phosphate (ZTP). Journal of Molecular Catalysis A, 2011, 349, 36-41.	4.8	51
11	Liquid phase bromination of phenol over titania pillared zirconium phosphate and titanium phosphate. Catalysis Communications, 2006, 7, 68-72.	3.3	17
12	Photocatalytic reduction of hexavalent chromium in aqueous solution over titania pillared zirconium phosphate and titanium phosphate under solar radiation. Journal of Molecular Catalysis A, 2006, 245, 217-224.	4.8	89
13	Photo-oxidation of 4-nitrophenol in aqueous suspensions, catalysed by titania intercalated zirconium phosphate (ZrP) and titanium phosphate (TiP). Journal of Photochemistry and Photobiology A: Chemistry, 2004, 163, 561-567.	3.9	41
14	Studies on Mg/Fe hydrotalciteâ€•like â€“ compound (HTlc): removal of Chromium (VI) from aqueous solution. International Journal of Environmental Studies, 2004, 61, 605-616.	1.6	45
15	Physicochemical characterization and adsorption behavior of calcined Zn/Al hydrotalcite-like compound (HTlc) towards removal of fluoride from aqueous solution. Journal of Colloid and Interface Science, 2003, 261, 213-220.	9.4	257