

Dipti Prakasini Das

List of Publications by Year in descending order

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15
papers

799
citations

623188

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996533

15
g-index

18
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18
docs citations

18
times ranked

1203
citing authors

#	ARTICLE	IF	CITATIONS
1	Physicochemical characterization and adsorption behavior of calcined Zn/Al hydrotalcite-like compound (HTlc) towards removal of fluoride from aqueous solution. <i>Journal of Colloid and Interface Science</i> , 2003, 261, 213-220.	5.0	257
2	Photocatalytic reduction of hexavalent chromium in aqueous solution over titania pillared zirconium phosphate and titanium phosphate under solar radiation. <i>Journal of Molecular Catalysis A</i> , 2006, 245, 217-224.	4.8	89
3	One pot synthesis of water-dispersible dehydroascorbic acid coated Fe ₃ O ₄ nanoparticles under atmospheric air: Blood cell compatibility and enhanced magnetic resonance imaging. <i>Journal of Colloid and Interface Science</i> , 2014, 430, 221-228.	5.0	68
4	3D Co ₃ (PO ₄) ₂ •xH ₂ O/Reduced Graphene Oxide Flowers for Photocatalytic Water Splitting: A Type-II Staggered Heterojunction System. <i>ChemSusChem</i> , 2016, 9, 3150-3160.	3.6	59
5	Solar-light induced photodegradation of organic pollutants over CdS-pillared zirconium-titanium phosphate (ZTP). <i>Journal of Molecular Catalysis A</i> , 2011, 349, 36-41.	4.8	51
6	Construing the interactions between MnO ₂ nanoparticle and bovine serum albumin: insight into the structure and stability of a protein-nanoparticle complex. <i>New Journal of Chemistry</i> , 2017, 41, 8130-8139.	1.4	48
7	Studies on Mg/Fe hydrotalcite-like compound (HTlc): removal of Chromium (VI) from aqueous solution. <i>International Journal of Environmental Studies</i> , 2004, 61, 605-616.	0.7	45
8	Reduced Graphene Oxide-Ag ₃ PO ₄ Heterostructure: A Direct Z-scheme Photocatalyst for Augmented Photoreactivity and Stability. <i>Chemistry - an Asian Journal</i> , 2016, 11, 584-595.	1.7	44
9	Photo-oxidation of 4-nitrophenol in aqueous suspensions, catalysed by titania intercalated zirconium phosphate (ZrP) and titanium phosphate (TiP). <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2004, 163, 561-567.	2.0	41
10	Repercussion of Solid state vs. Liquid state synthesized p-n heterojunction RGO-copper phosphate on proton reduction potential in water. <i>Scientific Reports</i> , 2018, 8, 2881.	1.6	23
11	Transfiguring UV light active metal oxides to visible light active photocatalyst by reduced graphene oxide hypostatization. <i>Catalysis Today</i> , 2018, 300, 124-135.	2.2	22
12	One-pot Fabrication of RGO-Ag ₃ VO ₄ Nanocomposites by <i>in situ</i> Photoreduction using Different Sacrificial Agents: High Selectivity Toward Catechol Synthesis and Photodegradation Ability. <i>Photochemistry and Photobiology</i> , 2014, 90, 57-65.	1.3	18
13	Liquid phase bromination of phenol over titania pillared zirconium phosphate and titanium phosphate. <i>Catalysis Communications</i> , 2006, 7, 68-72.	1.6	17
14	Hydrogen Photosynthesis through Schottky Junction of RGO-NiPO and the Perspective of the Mechanism. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 10052-10063.	3.2	15
15	Cs salt of tungstophosphoric acid-promoted zirconium titanium phosphate solid acid catalyst: An active catalyst for the synthesis of bisphenols. <i>Journal of Chemical Sciences</i> , 2014, 126, 455-465.	0.7	2