

Sutapa Ghosh

List of Publications by Year in descending order

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24
papers

759
citations

623734

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1212
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#	ARTICLE	IF	CITATIONS
1	Graphene quantum dots from graphite by liquid exfoliation showing excitation-independent emission, fluorescence upconversion and delayed fluorescence. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 21278-21287.	2.8	112
2	Electronic Structures and Absorption Spectra of Linkage Isomers of Trithiocyanato (4,4'-bis(4-mercapto-2,2,6,6-tetracarboxy-2,2':6,2''-terpyridine) Ruthenium(II) Complexes: A DFT Study. <i>Inorganic Chemistry</i> , 2006, 45, 7600-7611.	1.8	58
3	Polyaniline nanofiber as a novel immobilization matrix for the anti-leukemia enzyme l-asparaginase. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2012, 74, 132-137.	3.6	58
4	Palladium nanoparticles on β -cyclodextrin functionalised graphene nanosheets: a supramolecular based heterogeneous catalyst for C-C coupling reactions under green reaction conditions. <i>RSC Advances</i> , 2015, 5, 6652-6660.	5.2	54
5	Nitrogen doped graphene/CuCr ₂ O ₄ nanocomposites for supercapacitors application: Effect of nitrogen doping on coulombic efficiency. <i>Electrochimica Acta</i> , 2020, 332, 135368.	2.5	50
6	Proliferation and Differentiation Potential of Human Adipose-Derived Stem Cells Grown on Chitosan Hydrogel. <i>PLoS ONE</i> , 2015, 10, e0120803.	3.7	44
7	Decoration of Graphene Quantum Dots on TiO ₂ Nanostructures: Photosensitizer and Cocatalyst Role for Enhanced Hydrogen Generation. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 13060-13068.	5.2	40
8	Dielectric studies of Poly (Ethylene glycol)-Polyurethane/Poly (Methylmethacrylate)/Montmorillonite Composite. <i>Electrochimica Acta</i> , 2014, 134, 232-241.	4.3	39
9	Palladium Nanoparticles on Amphiphilic Carbon Spheres: A Green Catalyst for Suzuki-Miyaura Reaction. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 1889-1896.	3.6	34
10	Palladium nanoparticles on noncovalently functionalized graphene-based heterogeneous catalyst for the Suzuki-Miyaura and Heck-Mizoroki reactions in water. <i>RSC Advances</i> , 2014, 4, 48322-48330.	3.8	34
11	One-pot hydrothermal synthesis of TiO ₂ /graphene nanocomposite with simultaneous nitrogen-doping for energy storage application. <i>Journal of Electroanalytical Chemistry</i> , 2018, 829, 208-216.	5.2	31
12	Low Temperature Synthesis of TiO ₂ - β -Cyclodextrin-Graphene Nanocomposite for Energy Storage and Photocatalytic Applications. <i>Electrochimica Acta</i> , 2016, 210, 385-394.	4.6	27
13	Controlling Phase, Crystallinity, and Morphology of Titania Nanoparticles with Peroxotitanium Complex: Experimental and Theoretical Insights. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 2881-2885.	5.2	22
14	Development of PANI based ternary nanocomposite with enhanced capacity retention for high performance supercapacitor application. <i>Electrochimica Acta</i> , 2021, 388, 138564.	5.2	10
15	Solid-state poly(ethylene glycol)-polyurethane/polymethylmethacrylate/rutile TiO ₂ nanofiber composite electrolyte-correlation between morphology and conducting properties. <i>Electrochimica Acta</i> , 2012, 62, 362-371.	3.1	9
16	Influence of supported vanadium catalyst on ethylene polymerization reactions. <i>Polymer International</i> , 2008, 57, 262-267.	5.2	8
17	Copper Chromite-Polyaniline Nanocomposite: An Advanced Electrode Material for High Performance Energy Storage. <i>Electrochimica Acta</i> , 2017, 248, 486-495.	1.5	7
18	Recent Advancements on Biopolymer-Based Flexible Electrolytes for Next-Gen Supercaps and Batteries: A Brief Sketch. <i>ChemistrySelect</i> , 2021, 6, 13647-13663.		

#	ARTICLE	IF	CITATIONS
19	Graphene Quantum Dots Decorated TiO ₂ Nanostructures: Sustainable Approach for Photocatalytic Remediation of an Industrial Pollutant. <i>ChemistrySelect</i> , 2021, 6, 10957-10964.	1.5	5
20	A photoluminescent Ge-containing conjugated macrocycle. <i>Synthetic Metals</i> , 2010, 160, 2037-2040.	3.9	4
21	Carbon Sphere-Polyaniline Composite: A Fluorescent Scaffold for Proliferation of Adipose Derived Stem Cells and its Cellular uptake. <i>ChemistrySelect</i> , 2016, 1, 3063-3070.	1.5	4
22	Influence of cocatalyst on the stereoselectivity and productivity of styrene polymerization reactions. <i>Journal of Polymer Research</i> , 2009, 16, 117-124.	2.4	3
23	Stability of the tin analogues of isocyanic acid, [HNSnO], and its isomers: a computational study. <i>Computational and Theoretical Chemistry</i> , 2005, 716, 199-205.	1.5	2
24	Nanoparticle supported bis (cyclopentadienyl) zirconium dichloride catalysts for styrene polymerization. <i>Journal of Molecular Catalysis A</i> , 2005, 240, 103-103.	4.8	1