Arindam Saha

List of Publications by Year
in descending order

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Version: 2024-02-01

36	2,965	257101	329751
papers	citations	24 h-index	37 g-index

42	42	42	5259
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	N-Doped Fluorescent Carbon Nanosheets as a Label-Free Platform for Sensing Bisphenol Derivatives. ACS Applied Nano Materials, 2022, 5, 4908-4920.	2.4	2
2	Surface Engineered PLGA Nanoparticle for Threshold Responsive Glucose Monitoring and â€œSelf-Programmedâ€•Insulin Delivery. ACS Biomaterials Science and Engineering, 2021, 7, 4645-4658.	2.6	3
3	PEGylated Iron Oxide Nanoparticles for pH Responsive Drug Delivery Application. Materials Today: Proceedings, 2018, 5, 9715-9725.	0.9	29
4	Surface Functionalized Multifunctional Gd₂O₃â€“Fluorescein Composite Nanorods for Redox Responsive Drug Delivery and Imaging Applications. ACS Applied Nano Materials, 2018, 1, 2898-2911.	2.4	6
5	Multiband Fluorescent Graphitic Carbon Nanoparticles from Queen of Oils. ACS Sustainable Chemistry and Engineering, 2018, 6, 10127-10139.	3.2	13
6	Surface-Engineered Multifunctional Eu:Gd₂O₃ Nanoplates for Targeted and pH-Responsive Drug Delivery and Imaging Applications. ACS Applied Materials & Interfaces, 2017, 9, 4126-4141.	4.0	57
7	Reduced Graphene Oxide Based â€œTurn-Onâ€•Fluorescence Sensor for Highly Reproducible and Sensitive Detection of Small Organic Pollutants. ACS Sustainable Chemistry and Engineering, 2017, 5, 604-615.	3.2	50
8	Shape Transition of TiO₂ Nanocube to Nanospindle Embedded on Reduced Graphene Oxide with Enhanced Photocatalytic Activity. Crystal Growth and Design, 2016, 16, 6922-6932.	1.4	40
9	Unraveling the Interaction of Silver Nanoparticles with Mammalian and Bacterial DNA. Journal of Physical Chemistry B, 2016, 120, 5313-5324.	1.2	75
10	Nanoparticle Multivalency Directed Shifting of Cellular Uptake Mechanism. Journal of Physical Chemistry C, 2016, 120, 6778-6786.	1.5	83
11	Surface modified multifunctional ZnFe₂O₄nanoparticles for hydrophobic and hydrophilic anti-cancer drug molecule loading. Physical Chemistry Chemical Physics, 2016, 18, 1439-1450.	1.3	53
12	Paper-Based Microfluidic Approach for Surface-Enhanced Raman Spectroscopy and Highly Reproducible Detection of Proteins beyond Picomolar Concentration. ACS Applied Materials & Interfaces, 2015, 7, 996-1003.	4.0	44
13	Graphene oxide (GO)/reduced-GO and their composite with conducting polymer nanostructure thin films for non-volatile memory device. Microelectronic Engineering, 2015, 146, 48-52.	1.1	25
14	Water soluble blue-emitting AuAg alloy nanoparticles and fluorescent solid platforms for removal of dyes from water. RSC Advances, 2015, 5, 33946-33954.	1.7	12
15	Interplay of electrostatics and lipid packing determines the binding of charged polymer coated nanoparticles to model membranes. Physical Chemistry Chemical Physics, 2015, 17, 24238-24247.	1.3	21
16	A multifunctional nanocomposite of magnetic Î³-Fe2O3 and mesoporous fluorescent ZnO. Journal of Alloys and Compounds, 2015, 653, 187-194.	2.8	15
17	On the Implementation of a Digital Watermarking Based on Phase Congruency. Advances in Intelligent Systems and Computing, 2015, , 113-120.	0.5	3
18	Carbon Nanoparticle-based Fluorescent Bioimaging Probes. Scientific Reports, 2013, 3, 1473.	1.6	642

#	Article	IF	Citations
19	Electric and Ferro-Electric Behaviour of Polymer-Coated Graphene-Oxide Thin Film. Physics Procedia, 2013, 46, 62-70.	1.2	12
20	Detection of Cellular Glutathione and Oxidized Glutathione Using Magneticâ€“Plasmonic Nanocomposite-Based â€œTurn-Offâ€•Surface Enhanced Raman Scattering. Analytical Chemistry, 2013, 85, 9221-9228.	3.2	127
21	Folic Acid Functionalized Nanoprobes for Fluorescenceâ€, Darkâ€Fieldâ€, and Dualâ€Imagingâ€Based Selective Detection of Cancer Cells and Tissue. ChemPlusChem, 2013, 78, 259-267.	1.3	23
22	Silicon nanoparticle based fluorescent biological label via low temperature thermal degradation of chloroalkylsilane. Nanoscale, 2013, 5, 5732.	2.8	32
23	Synthesis of Nanobioconjugates with a Controlled Average Number of Biomolecules between 1 and 100 per Nanoparticle and Observation of Multivalency Dependent Interaction with Proteins and Cells. Langmuir, 2013, 29, 13917-13924.	1.6	32
24	Highly reproducible and sensitive surface-enhanced Raman scattering from colloidal plasmonic nanoparticle via stabilization of hot spots in graphene oxide liquid crystal. Nanoscale, 2012, 4, 6649.	2.8	47
25	Tunable Catalytic Performance and Selectivity of a Nanoparticleâ€“Graphene Composite through Finely Controlled Nanoparticle Loading. Chemistry - an Asian Journal, 2012, 7, 2931-2936.	1.7	19
26	Gold-Nanorod-Based Hybrid Cellular Probe with Multifunctional Properties. Journal of Physical Chemistry C, 2011, 115, 19612-19620.	1.5	26
27	Polyacrylate-coated graphene-oxide and graphene solution via chemical route for various biological application. Diamond and Related Materials, 2011, 20, 449-453.	1.8	32
28	Functionalized graphene and graphene oxide solution via polyacrylate coating. Nanoscale, 2010, 2, 2777.	2.8	71
29	Functionalized Gold Nanorod Solution via Reverse Micelle Based Polyacrylate Coating. Langmuir, 2010, 26, 7475-7481.	1.6	45
30	Advances in Coating Chemistry in Deriving Soluble Functional Nanoparticle. Journal of Physical Chemistry C, 2010, 114, 11009-11017.	1.5	89
31	Highly fluorescent magnetic quantum dot probe with superior colloidal stability. Nanoscale, 2010, 2, 2561.	2.8	8
32	Ligand Exchange Approach in Deriving Magneticâ^'Fluorescent and Magneticâ^'Plasmonic Hybrid Nanoparticle. Langmuir, 2010, 26, 4351-4356.	1.6	29
33	Fluorescent Carbon Nanoparticles: Synthesis, Characterization, and Bioimaging Application. Journal of Physical Chemistry C, 2009, 113, 18546-18551.	1.5	1,036
34	Imidazole Based Biocompatible Polymer Coating in Deriving <25 nm Functional Nanoparticle Probe for Cellular Imaging and Detection. Journal of Physical Chemistry C, 2009, 113, 21484-21492.	1.5	27
35	Functionalized Plasmonicâ^'Fluorescent Nanoparticles for Imaging and Detection. Journal of Physical Chemistry C, 2009, 113, 18492-18498.	1.5	77
36	Resin-Immobilized CuO and Cu Nanocomposites for Alcohol Oxidation. Organic Letters, 2008, 10, 5179-5181.	2.4	57