

Debanjana Ghosh

List of Publications by Year in descending order

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papers

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citations

567144

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1109
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectroscopic Exploration of Mode of Binding of ctDNA with 3-Hydroxyflavone: A Contrast to the Mode of Binding with Flavonoids Having Additional Hydroxyl Groups. <i>Journal of Physical Chemistry B</i> , 2012, 116, 639-645.	1.2	129
2	Gold and silver nanoparticles based superquenching of fluorescence: A review. <i>Journal of Luminescence</i> , 2015, 160, 223-232.	1.5	82
3	A simple and effective 1,2,3-triazole based "turn-on" fluorescence sensor for the detection of anions. <i>New Journal of Chemistry</i> , 2015, 39, 295-303.	1.4	54
4	Deciphering the perturbation of serum albumins by a ketocyanine dye: A spectroscopic approach. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2009, 96, 136-143.	1.7	52
5	Photophysics and Rotational Dynamics of a β -Carboline Analogue in Nonionic Micelles: Effect of Variation of Length of the Headgroup and the Tail of the Surfactant. <i>Journal of Physical Chemistry B</i> , 2009, 113, 7517-7526.	1.2	52
6	Gold Nanoparticles: Acceptors for Efficient Energy Transfer from the Photoexcited Fluorophores. <i>Optics and Photonics Journal</i> , 2013, 03, 18-26.	0.3	52
7	Binding of a cationic phenazinium dye in anionic liposomal membrane: a spectacular modification in the photophysics. <i>Chemistry and Physics of Lipids</i> , 2010, 163, 94-101.	1.5	40
8	Differential Interaction of β -Cyclodextrin with Lipids of Varying Surface Charges: A Spectral Deciphering Using a Cationic Phenazinium Dye. <i>Journal of Physical Chemistry B</i> , 2010, 114, 2261-2269.	1.2	34
9	A Fully Standardized Method of Synthesis of Gold Nanoparticles of Desired Dimension in the Range 15 nm-60 nm. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 1141-1146.	0.9	29
10	Spectroscopic investigation of bis-appended 1,2,3-triazole probe for the detection of Cu(II) ion. <i>Journal of Molecular Structure</i> , 2017, 1134, 638-648.	1.8	29
11	Photophysics and rotational relaxation dynamics of cationic phenazinium dyes in anionic reverse micelles: Effect of methyl substitution. <i>Journal of Chemical Physics</i> , 2009, 131, 114707.	1.2	21
12	Superquenching of coumarin 153 by gold nanoparticles. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012, 242, 44-50.	2.0	21
13	Photophysics and rotational relaxation dynamics of a β -carboline based fluorophore in cationic alkyltrimethylammonium bromide micelles. <i>Journal of Colloid and Interface Science</i> , 2009, 335, 234-241.	5.0	20
14	Dielectric characteristics of poly(N-vinylcarbazole) and its nanocomposites with ZnO and acetylene black. <i>Materials Chemistry and Physics</i> , 2010, 123, 9-12.	2.0	20
15	Excited-State-Proton-Transfer-Triggered Fluorescence Resonance Energy Transfer: from 2-Naphthylamine to Phenosafranin. <i>Journal of Physical Chemistry A</i> , 2009, 113, 10460-10465.	1.1	18
16	Rationally designed phenanthrene derivatized triazole as a dual chemosensor for fluoride and copper recognition. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 228, 117758.	2.0	15
17	Studies of Triton X-165- β -cyclodextrin interactions using both extrinsic and intrinsic fluorescence. <i>Journal of Colloid and Interface Science</i> , 2010, 347, 252-259.	5.0	14
18	Electrostatic Pushing Effect: A Prospective Strategy for Enhanced Drug Delivery. <i>Journal of Physical Chemistry B</i> , 2010, 114, 12541-12548.	1.2	14

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19	Characterization of the excimers of poly(N-vinylcarbazole) using TRANES. Journal of Luminescence, 2011, 131, 2207-2211.	1.5	14
20	Intramolecular charge transfer promoted fluorescence transfer: A demonstration of re-absorption of the donor fluorescence by the acceptor. Journal of Molecular Liquids, 2010, 156, 131-136.	2.3	13
21	NanoZnO initiated polymerization of N-vinylcarbazole (NVC) and evaluation of a poly(N-vinylcarbazole)-ZnO nanocomposite. Journal of Polymer Research, 2009, 16, 245-254.	1.2	12
22	Differential Förster Resonance Energy Transfer from the Excimers of Poly(N-vinylcarbazole) to Coumarin 153. Journal of Physical Chemistry B, 2012, 116, 4693-4701.	1.2	12
23	Equilibrium and dynamic effects on ligand binding to biomacromolecules and biomimetic model systems. International Reviews in Physical Chemistry, 2013, 32, 435-466.	0.9	11
24	Nuclear Magnetic Resonance Spectroscopy Investigations of Naphthalene-Based 1,2,3-Triazole Systems for Anion Sensing. Magnetochemistry, 2018, 4, 15.	1.0	10
25	Hyper-efficient quenching of non-conjugated pendant polymer by silver nanoparticles: A demonstration and versatile mechanistic proposition. Chemical Physics Letters, 2012, 532, 52-56.	1.2	6
26	Solvent-Free Synthesis of Nanoparticles. , 2018, , 609-646.		5
27	The influence of amino substituents on the signal-output, selectivity, and sensitivity of a hydroxyaromatic 1,2,3-triazolyl chemosensor for anions—A structure-property relationship investigation. Journal of Physical Organic Chemistry, 2020, 33, e4078.	0.9	3
28	Exploring the Effects of Various Polymeric Backbones on the Performance of a Hydroxyaromatic 1,2,3-Triazole Anion Sensor. Sensors, 2020, 20, 2973.	2.1	3
29	Polymerization of N-vinylcarbazole (NVC) by tungsten blues (WB) and evaluation of a conducting PNVC-WB nanocomposite isolated from the system. Journal of Applied Polymer Science, 2010, 117, 1371-1377.	1.3	1