

Debanjana Ghosh

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27
papers

662
citations

14
h-index

25
g-index

29
ext. papers

725
ext. citations

3.9
avg, IF

3.89
L-index

#	Paper	IF	Citations
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. <i>Journal of Physical Organic Chemistry</i> , 2020 , 33, e4078	2.1	0
26	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	4.4	6
25	Solvent-Free Synthesis of Nanoparticles 2018 , 609-646		3
24	Nuclear Magnetic Resonance Spectroscopy Investigations of Naphthalene-Based 1,2,3-Triazole Systems for Anion Sensing. <i>Magnetochemistry</i> , 2018 , 4, 15	3.1	5
23	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	3.4	14
22	Gold and silver nanoparticles based superquenching of fluorescence: A review. <i>Journal of Luminescence</i> , 2015 , 160, 223-232	3.8	67
21	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	3.6	41
20	Gold Nanoparticles: Acceptors for Efficient Energy Transfer from the Photoexcited Fluorophores. <i>Optics and Photonics Journal</i> , 2013 , 03, 18-26	0.3	42
19	Equilibrium and dynamic effects on ligand binding to biomacromolecules and biomimetic model systems. <i>International Reviews in Physical Chemistry</i> , 2013 , 32, 435-466	7	8
18	Hyper-efficient quenching of non-conjugated pendant polymer by silver nanoparticles: A demonstration and versatile mechanistic proposition. <i>Chemical Physics Letters</i> , 2012 , 532, 52-56	2.5	6
17	Superquenching of coumarin 153 by gold nanoparticles. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012 , 242, 44-50	4.7	20
16	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, 639-45	3.4	110
15	Differential Förster resonance energy transfer from the excimers of poly(N-vinylcarbazole) to coumarin 153. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 4693-701	3.4	11
14	Characterization of the excimers of poly(N-vinylcarbazole) using TRANES. <i>Journal of Luminescence</i> , 2011 , 131, 2207-2211	3.8	14
13	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, 1141-6	1.3	26
12	Electrostatic pushing effect: a prospective strategy for enhanced drug delivery. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 12541-8	3.4	13
11	Differential interaction of beta-cyclodextrin with lipids of varying surface charges: a spectral deciphering using a cationic phenazinium dye. <i>Journal of Physical Chemistry B</i> , 2010 , 114, 2261-9	3.4	33

10	Dielectric characteristics of poly(N-vinylcarbazole) and its nanocomposites with ZnO and acetylene black. <i>Materials Chemistry and Physics</i> , 2010 , 123, 9-12	4.4	17
9	Studies of Triton X-165-beta-cyclodextrin interactions using both extrinsic and intrinsic fluorescence. <i>Journal of Colloid and Interface Science</i> , 2010 , 347, 252-9	9.3	13
8	Intramolecular charge transfer promoted fluorescence transfer: A demonstration of re-absorption of the donor fluorescence by the acceptor. <i>Journal of Molecular Liquids</i> , 2010 , 156, 131-136	6	10
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	3.7	37
6	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	3.9	21
5	NanoZnO initiated polymerization of N-vinylcarbazole (NVC) and evaluation of a poly(N-vinylcarbazole)/ZnO nanocomposite. <i>Journal of Polymer Research</i> , 2009 , 16, 245-254	2.7	11
4	Photophysics and rotational relaxation dynamics of a beta-carboline based fluorophore in cationic alkyltrimethylammonium bromide micelles. <i>Journal of Colloid and Interface Science</i> , 2009 , 335, 234-41	9.3	19
3	Deciphering the perturbation of serum albumins by a ketocyanine dye: a spectroscopic approach. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2009 , 96, 136-43	6.7	50
2	Photophysics and rotational dynamics of a beta-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, 7517-26	3.4	47
1	Excited-state-proton-transfer-triggered fluorescence resonance energy transfer: from 2-naphthylamine to phenosafranin. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 10460-5	2.8	18