

Deboleena Sarkar

List of Publications by Year in descending order

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24
papers

741
citations

567281

15
h-index

642732

23
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24
all docs

24
docs citations

24
times ranked

884
citing authors

#	ARTICLE	IF	CITATIONS
1	Binding Interaction of Cationic Phenazinium Dyes with Calf Thymus DNA: A Comparative Study. <i>Journal of Physical Chemistry B</i> , 2008, 112, 9243-9249.	2.6	174
2	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.	3.8	52
3	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.	2.6	52
4	Spectroscopic Characterization of Phenazinium Dye Aggregates in Water and Acetonitrile Media: Effect of Methyl Substitution on the Aggregation Phenomenon. <i>Journal of Physical Chemistry A</i> , 2008, 112, 9684-9691.	2.5	48
5	Probing the Binding Interaction of a Phenazinium Dye with Serum Transport Proteins: A Combined Fluorometric and Circular Dichroism Study. <i>Photochemistry and Photobiology</i> , 2010, 86, 538-544.	2.5	44
6	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.	3.2	40
7	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.	2.6	34
8	Probe-Induced Self-Aggregation of β -Cyclodextrin: Formation of Extended Nanotubular Suprastructure. <i>Journal of Physical Chemistry C</i> , 2008, 112, 9600-9603.	3.1	32
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	Probing the interaction of a globular protein with a small fluorescent probe in the presence of silver nanoparticles: spectroscopic characterization of its domain specific association and dissociation. <i>RSC Advances</i> , 2013, 3, 24389.	3.6	28
11	Application of anionic micelle for dramatic enhancement in the quenching-based metal ion fluorosensing. <i>Journal of Colloid and Interface Science</i> , 2008, 320, 9-14.	9.4	25
12	Hydrogen Bonding Interpolymer Complex Formation and Study of Its Host–Guest Interaction with Cyclodextrin and Its Application as an Active Delivery Vehicle. <i>Langmuir</i> , 2013, 29, 1818-1830.	3.5	22
13	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.	3.0	21
14	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.	9.4	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.	2.5	18
16	Photophysics of a β -carboline based non-ionic probe in anionic and zwitterionic liposome membranes. <i>Chemistry and Physics of Lipids</i> , 2008, 154, 38-45.	3.2	16
17	A Concise Synthesis of the DNA-Intercalating and Antimalarial Alkaloid Cryptolepine and Its Fluorescence Behaviour in Solvents of Different Polarities. <i>Helvetica Chimica Acta</i> , 2008, 91, 1975-1983.	1.6	14
18	Excited state proton transfer promoted fluorescence resonance energy transfer: Modulation within cyclodextrin nanocavity. <i>Chemical Physics Letters</i> , 2009, 474, 88-92.	2.6	14

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19	Studies of Triton X-165 ¹² -cyclodextrin interactions using both extrinsic and intrinsic fluorescence. Journal of Colloid and Interface Science, 2010, 347, 252-259.	9.4	14
20	Electrostatic Pushing Effect: A Prospective Strategy for Enhanced Drug Delivery. Journal of Physical Chemistry B, 2010, 114, 12541-12548.	2.6	14
21	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.	4.9	13
22	Fabrication of an optimized fluorescer encapsulated polymer coated gelatin nanoparticle and study of its retarded release properties. Journal of Photochemistry and Photobiology A: Chemistry, 2013, 252, 194-202.	3.9	13
23	Photophysics and dynamics of a ¹² -carboline analogue in room temperature ionic liquids. Journal of Colloid and Interface Science, 2011, 353, 181-187.	9.4	4
24	Dramatic Enhancement in the Cation Sensing Efficiency in Anionic Micelles: A Simple and Efficient Approach Towards Improving the Sensor Efficiency. Statistical Science and Interdisciplinary Research, 2012, , 299-308.	0.0	0