

Prasun Ghosh

List of Publications by Year in descending order

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23
papers

248
citations

759233

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23
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citing authors

#	ARTICLE	IF	CITATIONS
1	Origin of ultraweak fluorescence of 8-hydroxyquinoline in water: photoinduced ultrafast proton transfer. <i>RSC Advances</i> , 2016, 6, 9812-9821.	3.6	25
2	Physicochemical perspective of cyclodextrin nano and microaggregates. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 5339.	2.8	22
3	Modulation of Small Molecule Induced Architecture of Cyclodextrin Aggregation by Guest Structure and Host Size. <i>Journal of Physical Chemistry C</i> , 2011, 115, 20970-20977.	3.1	21
4	Incorporation of Coumarin 6 in cyclodextrins: microcrystals to lamellar composites. <i>RSC Advances</i> , 2015, 5, 4214-4218.	3.6	17
5	Interaction of Twisted Intramolecular Charge-Transfer Probe Loaded Silver Nanoparticles with the Hydrophobic Nanocavities of Cyclodextrins. <i>Journal of Physical Chemistry C</i> , 2010, 114, 19635-19640.	3.1	14
6	Opening of DNA double helix at room temperature: Application of β -cyclodextrin self-aggregates. <i>Nanoscale</i> , 2010, 2, 1420.	5.6	14
7	Extra stabilisation of a pyrene based molecular couple by β -cyclodextrin in the excited electronic state. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 11500.	2.8	14
8	FRET-based characterisation of surfactant bilayer protected core-shell carbon nanoparticles: advancement toward carbon nanotechnology. <i>Chemical Communications</i> , 2013, 49, 7638.	4.1	14
9	Surfactant chain length controls photoinduced electron transfer in surfactant bilayer protected carbon nanoparticles. <i>Materials Letters</i> , 2015, 141, 252-254.	2.6	13
10	Orientation of a TICT Probe Trapped in the Peripheral Confined Water Created by Ionic Surfactant Envelope around Silver Nanoparticles. <i>Langmuir</i> , 2011, 27, 4068-4075.	3.5	12
11	[2,2'-Bipyridyl]-3,3'-diol in lipid vesicles: slowed down dynamics of proton transfer. <i>Soft Matter</i> , 2013, 9, 8512.	2.7	12
12	Exploring the Interior of Hollow Fluorescent Carbon Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2013, 117, 4260-4267.	3.1	12
13	Selective interaction of methylindoloquinolines with DNA. <i>RSC Advances</i> , 2014, 4, 22442.	3.6	11
14	Mechanistic pathway for controlled extraction of guest molecule bound to herring sperm DNA using β -cyclodextrin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 78, 1587-1591.	3.9	10
15	Effect of Cyclodextrins on the Photophysics of Three Indoloquinoline Derivatives: An Intriguing Fluorometric Study. <i>Journal of Physical Chemistry B</i> , 2011, 115, 2046-2054.	2.6	7
16	Solvatochromic study of three indoloquinoline derivatives: Effect of chloro group/s on the photophysics of the compounds. <i>Journal of Luminescence</i> , 2011, 131, 147-154.	3.1	6
17	Light induced dynamics of a charge transfer probe in lipid vesicles. <i>Soft Matter</i> , 2012, 8, 10178.	2.7	6
18	Dynamics of pyrenesemicarbazide and pyrenethiosemicarbazide in reverse micelle of AOT in n-heptane: Probing critical penetration of water molecules toward the palisade. <i>Chemical Physics Letters</i> , 2013, 587, 30-34.	2.6	5

#	ARTICLE	IF	CITATIONS
19	Cyclodextrin cavity size induced formation of superstructures with embedded gold nanoclusters. RSC Advances, 2012, 2, 12210.	3.6	4
20	Synergistic Configuration of Diols as Brønsted Bases. Chemistry - A European Journal, 2017, 23, 17179-17185.	3.3	4
21	Interaction of a new surface sensitive probe compound with anionic surfactants of varying hydrophobic chain length. Journal of Colloid and Interface Science, 2011, 364, 395-399.	9.4	3
22	Compromise between compactness of micelle and overlap integral toward Förster resonance energy transfer from an indoloquinoline derivative to fluorescein: A fluorometric study. Chemical Physics Letters, 2011, 508, 231-234.	2.6	2
23	Frontispiece: Synergistic Configuration of Diols as Brønsted Bases. Chemistry - A European Journal, 2017, 23, .	3.3	0