Prasun Ghosh

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11677770/publications.pdf

Version: 2024-02-01

23	248	759233 12	996975 15
papers	citations	h-index	g-index

23	23	23	345
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synergistic Configuration of Diols as BrÃ¸nsted Bases. Chemistry - A European Journal, 2017, 23, 17179-17185.	3.3	4
2	Frontispiece: Synergistic Configuration of Diols as BrÃ¸nsted Bases. Chemistry - A European Journal, 2017, 23, .	3.3	0
3	Origin of ultraweak fluorescence of 8-hydroxyquinoline in water: photoinduced ultrafast proton transfer. RSC Advances, 2016, 6, 9812-9821.	3.6	25
4	Surfactant chain length controls photoinduced electron transfer in surfactant bilayer protected carbon nanoparticles. Materials Letters, 2015, 141, 252-254.	2.6	13
5	Incorporation of Coumarin 6 in cyclodextrins: microcrystals to lamellar composites. RSC Advances, 2015, 5, 4214-4218.	3.6	17
6	Selective interaction of methylindoloquinolines with DNA. RSC Advances, 2014, 4, 22442.	3.6	11
7	FRET-based characterisation of surfactant bilayer protected coreâ€“shell carbon nanoparticles: advancement toward carbon nanotechnology. Chemical Communications, 2013, 49, 7638.	4.1	14
8	Dynamics of pyrenesemicarbazide and pyrenethiosemicarbazide in reverse micelle of AOT in n-heptane: Probing critical penetration of water molecules toward the palisade. Chemical Physics Letters, 2013, 587, 30-34.	2.6	5
9	[2,2â€²-Bipyridyl]-3,3â€²-diol in lipid vesicles: slowed down dynamics of proton transfer. Soft Matter, 2013, 9, 8512.	2.7	12
10	Exploring the Interior of Hollow Fluorescent Carbon Nanoparticles. Journal of Physical Chemistry C, 2013, 117, 4260-4267.	3.1	12
11	Physicochemical perspective of cyclodextrin nano and microaggregates. Physical Chemistry Chemical Physics, 2012, 14, 5339.	2.8	22
12	Cyclodextrin cavity size induced formation of superstructures with embedded gold nanoclusters. RSC Advances, 2012, 2, 12210.	3.6	4
13	â€œExtra stabilisationâ€•of a pyrene based molecular couple by Î³-cyclodextrin in the excited electronic state. Physical Chemistry Chemical Physics, 2012, 14, 11500.	2.8	14
14	Light induced dynamics of a charge transfer probe in lipid vesicles. Soft Matter, 2012, 8, 10178.	2.7	6
15	Effect of Cyclodextrins on the Photophysics of Three Indoloquinoline Derivatives: An Intriguing Fluorometric Study. Journal of Physical Chemistry B, 2011, 115, 2046-2054.	2.6	7
16	Orientation of a TICT Probe Trapped in the Peripheral Confined Water Created by Ionic Surfactant Envelope around Silver Nanoparticles. Langmuir, 2011, 27, 4068-4075.	3.5	12
17	Modulation of Small Molecule Induced Architecture of Cyclodextrin Aggregation by Guest Structure and Host Size. Journal of Physical Chemistry C, 2011, 115, 20970-20977.	3.1	21
18	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

#	Article	IF	Citations
19	Compromise between compactness of micelle and overlap integral toward FÃ¶rster resonance energy transfer from an indoloquinoline derivative to fluorescein: A fluorometric study. Chemical Physics Letters, 2011, 508, 231-234.	2.6	2
20	Mechanistic pathway for controlled extraction of guest molecule bound to herring sperm DNA using Î±-cyclodextrin. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 78, 1587-1591.	3.9	10
21	Solvatochromic study of three indoloquinoline derivatives: Effect of chloro group/s on the photophysics of thecompounds. Journal of Luminescence, 2011, 131, 147-154.	3.1	6
22	Interaction of Twisted Intramolecular Charge-Transfer Probe Loaded Silver Nanoparticles with the Hydrophobic Nanocavities of Cyclodextrins. Journal of Physical Chemistry C, 2010, 114, 19635-19640.	3.1	14
23	Opening of DNA double helix at room temperature: Application of Î±-cyclodextrin self-aggregates. Nanoscale, 2010, 2, 1420.	5.6	14