Goutam Chakraborty

List of Publications by Citations

21 papers	217 citations	10 h-index	14 g-index
21 ext. papers	331 ext. citations	4.3 avg, IF	3.82 L-index

#	Paper	IF	Citations
21	A highly fluorescent turn-on probe in the near-infrared region for albumin quantification in serum matrix. *Chemical Communications*, **2018**, 54, 8383-8386	5.8	47
20	Supramolecularly Assisted Modulation of Optical Properties of BODIPY-Benzimidazole Conjugates. *Journal of Physical Chemistry B*, **2016**, 120, 11266-11278	3.4	24
19	Supramolecular host-guest interaction of antibiotic drug ciprofloxacin with cucurbit[7]uril macrocycle: Modulations in photophysical properties and enhanced photostability. *Journal of Photochemistry and Photobiology A: Chemistry*, **2018**, 358, 26-37	4.7	19
18	Modulation of optical properties of BODIPY fluorophore via intramolecular charge transfer. *Journal of Luminescence*, **2018**, 194, 622-630	3.8	18
17	Non-covalent interaction of BODIPY-benzimidazole conjugate with bovine serum albumin: A photophysical and molecular docking study. *Journal of Photochemistry and Photobiology A: Chemistry*, **2019**, 377, 220-227	4.7	14
16	A styryl based fluorogenic probe with high affinity for a cyclodextrin derivative. *Organic and Biomolecular Chemistry*, **2019**, 17, 6895-6904	3.9	13
15	pH-Responsive Interaction of Fluorogenic Antimalarial Drug Quinine with Macrocyclic Host Cucurbit[7]uril: Modulations in Photophysical and Acid-Base Properties. *ChemistrySelect*, **2017**, 2, 5128-5142	1.8	13
14	Novel approach towards the synthesis of highly efficient flame retardant electrode and oil/organic solvent absorber. *Chemosphere*, **2020**, 246, 125785	8.4	13
13	Proton Induced Modulation of ICT and PET Processes in an Imidazo-phenanthroline Based BODIPY Fluorophores. *Journal of Fluorescence*, **2017**, 27, 2313-2322	2.4	12
12	An exceptionally intense turn-on fluorescence sensor in the far-red region for common milk allergen, β-lactoglobulin. *Sensors and Actuators B: Chemical*, **2021**, 327, 128864	8.5	11
11	Red-fluorescent graphene quantum dots from guava leaf as a turn-off probe for sensing aqueous Hg(II). *New Journal of Chemistry*, **2021**, 45, 4617-4625	3.6	9
10	Interaction of a Triaryl Methane Dye with Cucurbit[7]uril and Bovine Serum Albumin: A Perspective of Cooperative versus Competitive Bindings. *ChemistrySelect*, **2018**, 3, 1088-1096	1.8	6
9	Modulation of the Photophysical Properties of β-substituted BODIPY Dyes. *Journal of Fluorescence*, **2018**, 28, 381-392	2.4	4
8	A cationic cyclodextrin assisted aggregation of an anionic pyrene derivative and its stimuli responsive behavior. *Journal of Molecular Liquids*, **2021**, 321, 114499	6	4
7	Stimuli Responsive Confinement of a Molecular Rotor Based BODIPY Dye inside a Cucurbit[7]uril Nanocavity. *Journal of Physical Chemistry B*, **2021**, 125, 7946-7957	3.4	3
6	A BODIPY--glycoside based near-infrared fluorescent sensor for serum albumin. *Organic and Biomolecular Chemistry*, **2021**, 19, 7920-7929	3.9	3
5	Does the degree of substitution on the cyclodextrin hosts impact their affinity towards guest binding?. *Photochemical and Photobiological Sciences*, **2020**, 19, 956-965	4.2	2

4	Host-Assisted Aggregation-Induced Emission of a Tetraphenylethylene Derivative and Its Responses toward External Stimuli. *Journal of Physical Chemistry B*, **2021**, 125, 11122-11133	3.4	1
3	Complexation-induced tuning of optical properties of a medically important alkaloid, berberine in the presence of charged cyclodextrin. *Journal of Photochemistry and Photobiology A: Chemistry*, **2021**, 419, 113454	4.7	1
2	Carbon nano-dot for cancer studies as dual nano-sensor for imaging intracellular temperature or pH variation.. *Scientific Reports*, **2021**, 11, 24341	4.9	0
1	Supramolecular modulation in photophysical features of berberine and its application towards ATP sensing. *Journal of Molecular Liquids*, **2022**, 359, 119316	6	0