

# Goutam Chakraborty

## 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.

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	Supramolecular modulation in photophysical features of berberine and its application towards ATP sensing. <i>Journal of Molecular Liquids</i> , <b>2022</b> , 359, 119316	6	0
20	Host-Assisted Aggregation-Induced Emission of a Tetraphenylethylene Derivative and Its Responses toward External Stimuli. <i>Journal of Physical Chemistry B</i> , <b>2021</b> , 125, 11122-11133	3.4	1
19	Stimuli Responsive Confinement of a Molecular Rotor Based BODIPY Dye inside a Cucurbit[7]uril Nanocavity. <i>Journal of Physical Chemistry B</i> , <b>2021</b> , 125, 7946-7957	3.4	3
18	An exceptionally intense turn-on fluorescence sensor in the far-red region for common milk allergen, $\beta$ -lactoglobulin. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 327, 128864	8.5	11
17	A cationic cyclodextrin assisted aggregation of an anionic pyrene derivative and its stimuli responsive behavior. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 321, 114499	6	4
16	Red-fluorescent graphene quantum dots from guava leaf as a turn-off probe for sensing aqueous Hg(II). <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 4617-4625	3.6	9
15	A BODIPY--glycoside based near-infrared fluorescent sensor for serum albumin. <i>Organic and Biomolecular Chemistry</i> , <b>2021</b> , 19, 7920-7929	3.9	3
14	Complexation-induced tuning of optical properties of a medically important alkaloid, berberine in the presence of charged cyclodextrin. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2021</b> , 419, 113454	4.7	1
13	Carbon nano-dot for cancer studies as dual nano-sensor for imaging intracellular temperature or pH variation.. <i>Scientific Reports</i> , <b>2021</b> , 11, 24341	4.9	0
12	Does the degree of substitution on the cyclodextrin hosts impact their affinity towards guest binding?. <i>Photochemical and Photobiological Sciences</i> , <b>2020</b> , 19, 956-965	4.2	2
11	Novel approach towards the synthesis of highly efficient flame retardant electrode and oil/organic solvent absorber. <i>Chemosphere</i> , <b>2020</b> , 246, 125785	8.4	13
10	A styryl based fluorogenic probe with high affinity for a cyclodextrin derivative. <i>Organic and Biomolecular Chemistry</i> , <b>2019</b> , 17, 6895-6904	3.9	13
9	Non-covalent interaction of BODIPY-benzimidazole conjugate with bovine serum albumin: photophysical and molecular docking study. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2019</b> , 377, 220-227	4.7	14
8	Supramolecular host-guest interaction of antibiotic drug ciprofloxacin with cucurbit[7]uril macrocycle: Modulations in photophysical properties and enhanced photostability. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2018</b> , 358, 26-37	4.7	19
7	Interaction of a Triaryl Methane Dye with Cucurbit[7]uril and Bovine Serum Albumin: A Perspective of Cooperative versus Competitive Bindings. <i>ChemistrySelect</i> , <b>2018</b> , 3, 1088-1096	1.8	6
6	Modulation of the Photophysical Properties of $\beta$ -substituted BODIPY Dyes. <i>Journal of Fluorescence</i> , <b>2018</b> , 28, 381-392	2.4	4
5	Modulation of optical properties of BODIPY fluorophore via intramolecular charge transfer. <i>Journal of Luminescence</i> , <b>2018</b> , 194, 622-630	3.8	18

4	A highly fluorescent turn-on probe in the near-infrared region for albumin quantification in serum matrix. <i>Chemical Communications</i> , <b>2018</b> , 54, 8383-8386	5.8	47
3	Proton Induced Modulation of ICT and PET Processes in an Imidazo-phenanthroline Based BODIPY Fluorophores. <i>Journal of Fluorescence</i> , <b>2017</b> , 27, 2313-2322	2.4	12
2	pH-Responsive Interaction of Fluorogenic Antimalarial Drug Quinine with Macrocyclic Host Cucurbit[7]uril: Modulations in Photophysical and Acid-Base Properties. <i>ChemistrySelect</i> , <b>2017</b> , 2, 5128-5142	1.8	13
1	Supramolecularly Assisted Modulation of Optical Properties of BODIPY-Benzimidazole Conjugates. <i>Journal of Physical Chemistry B</i> , <b>2016</b> , 120, 11266-11278	3.4	24