

Gourab Dey

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.

10
papers

163
citations

8
h-index

11
g-index

11
ext. papers

185
ext. citations

6.5
avg, IF

2.55
L-index

#	Paper	IF	Citations
10	A Novel Near Infrared Spectroscopy Based Device for Albumin Estimation. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference, 2020, 2020, 6123-6126</i>	0.9	1
9	Molecular Scale Optimum Hydrophobicity To Establish an Enhanced Probe-Protein Interaction: Near-Infrared Imaging of Albumin Biosynthesis Modulation.. <i>ACS Applied Bio Materials, 2019, 2, 3372-3379</i>	4.1	2
8	Preferential intermolecular interactions lead to chiral recognition: enantioselective gel formation and collapse. <i>Chemical Communications, 2018, 54, 11407-11410</i>	5.8	14
7	Blue Luminescent Organic Light Emitting Diode Devices of a New Class of Star-Shaped Columnar Mesogens Exhibiting Light-Driven Supergelation. <i>Journal of Physical Chemistry C, 2018, 122, 23659-23674</i>	3.8	20
6	Renal Clearable New NIR Probe: Precise Quantification of Albumin in Biofluids and Fatty Liver Disease State Identification through Tissue Specific High Contrast Imaging in Vivo. <i>Analytical Chemistry, 2017, 89, 10343-10352</i>	7.8	21
5	Optical signaling in biofluids: a nondenaturing photostable molecular probe for serum albumins. <i>Chemical Communications, 2016, 52, 1887-90</i>	5.8	41
4	Sub-Picomolar Recognition of Cr ³⁺ through Bioinspired Organic-Inorganic Ensemble Utilization. <i>ACS Sensors, 2016, 1, 663-669</i>	9.2	17
3	Selenium Incorporated Cationic Organochalcogen: Live Cell Compatible and Highly Photostable Molecular Stain for Imaging and Localization of Intracellular DNA. <i>ACS Applied Materials & Interfaces, 2016, 8, 10690-9</i>	9.5	13
2	Functional molecular lumino-materials to probe serum albumins: solid phase selective staining through noncovalent fluorescent labeling. <i>ACS Applied Materials & Interfaces, 2014, 6, 10231-7</i>	9.5	18
1	Cysteamine-based cell-permeable Zn(2+)-specific molecular bioimaging materials: from animal to plant cells. <i>ACS Applied Materials & Interfaces, 2013, 5, 11730-40</i>	9.5	15