

Ambarish Ray

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

125
citations

1478505

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1281871

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11
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189
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective fluorescence swing from cysteine to glutathione by switchover from solid to in situ probe in 100% water and bio-imaging studies for living species. <i>Sensors and Actuators B: Chemical</i> , 2015, 209, 545-554.	7.8	26
2	A cyanide selective off-on fluorescent chemosensor with in vivo imaging in 100% water: solid probe preferred over in situ generation. <i>RSC Advances</i> , 2014, 4, 9656-9659.	3.6	25
3	Detection of Curvature-Radius-Dependent Interfacial pH/Polarity for Amphiphilic Self-Assemblies: Positive versus Negative Curvature. <i>Langmuir</i> , 2018, 34, 6271-6284.	3.5	16
4	A ratiometric solvent polarity sensing Schiff base molecule for estimating the interfacial polarity of versatile amphiphilic self-assemblies. <i>Analyst</i> , 2016, 141, 3246-3250.	3.5	13
5	A simple interfacial pH detection method for cationic amphiphilic self-assemblies utilizing a Schiff-base molecule. <i>Analyst</i> , 2016, 141, 2030-2039.	3.5	12
6	A unique cysteine selective water soluble fluorescent probe operable in multiple sensing cycles for the detection of biogenic cysteine in multicellular living species. <i>New Journal of Chemistry</i> , 2017, 41, 1488-1498.	2.8	11
7	Interfacial pH and polarity detection of amphiphilic self-assemblies using a single Schiff-base molecule. <i>New Journal of Chemistry</i> , 2017, 41, 8536-8545.	2.8	7
8	Exploitation of a new Schiff-base ligand for boric acid fluorescent sensing in aqueous medium with bio-imaging studies in a living plant system. <i>RSC Advances</i> , 2015, 5, 51875-51882.	3.6	6
9	Glutathione-selective on-fluorescence response by a probe-displaced modified ligand for its detection in biological domains. <i>New Journal of Chemistry</i> , 2019, 43, 3750-3759.	2.8	4
10	An aluminium fluorosensor for the early detection of micro-level alcoholate corrosion. <i>RSC Advances</i> , 2020, 10, 23245-23249.	3.6	3
11	Protonation-induced pH increase at the triblock copolymer micelle interface for transient membrane permeability at neutral pH. <i>Soft Matter</i> , 2020, 16, 798-809.	2.7	2