

Partha Pratim Parui

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

206
citations

1163117

8
h-index

1058476

14
g-index

20
all docs

20
docs citations

20
times ranked

286
citing authors

#	ARTICLE	IF	CITATIONS
1	Aza-Crown-Based Macrocyclic Probe Design for PET-off -Multi-Cu ²⁺ Responsive and CHEF-on -Multi-Zn ²⁺ Sensor: Application in Biological Cell Imaging and Theoretical Studies. <i>Inorganic Chemistry</i> , 2022, 61, 1982-1996.	4.0	5
2	An inquisitive fluorescence method for the real-time detection of trace moisture in polar aprotic solvents with the application of water rancidity in foodstuffs. <i>New Journal of Chemistry</i> , 2021, 45, 4574-4583.	2.8	6
3	Fluorometric trace methanol detection in ethanol and isopropanol in a water medium for application in alcoholic beverages and hand sanitizers. <i>RSC Advances</i> , 2021, 11, 30093-30101.	3.6	4
4	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
5	Porphyrim-Based Probe for Simultaneous Detection of Interface Acidity and Polarity during Lipid-Phase Transition of Vesicles. <i>Langmuir</i> , 2020, 36, 426-434.	3.5	1
6	An aluminium fluorosensor for the early detection of micro-level alcoholate corrosion. <i>RSC Advances</i> , 2020, 10, 23245-23249.	3.6	3
7	Determination of proton concentration at cardiolipin-containing membrane interfaces and its relation with the peroxidase activity of cytochrome <i>c</i> . <i>Chemical Science</i> , 2019, 10, 9140-9151.	7.4	19
8	Glutathione-selective off-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
9	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
10	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
11	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
12	A ratiometric solvent polarity sensing Schiff base molecule for estimating the interfacial polarity of versatile amphiphilic self-assemblies. <i>Analyst</i> , The, 2016, 141, 3246-3250.	3.5	13
13	A simple interfacial pH detection method for cationic amphiphilic self-assemblies utilizing a Schiff-base molecule. <i>Analyst</i> , The, 2016, 141, 2030-2039.	3.5	12
14	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
15	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
16	Stimuli responsive and low fouling ultrafiltration membranes from blends of polyvinylidene fluoride and designed library of amphiphilic poly(methyl methacrylate) containing copolymers. <i>Journal of Membrane Science</i> , 2015, 481, 137-147.	8.2	43
17	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
18	2P055 Domain-Swapped Oligomerization and Molten Globule State of Cytochrome <i>c</i> (01C. Protein.) <i>Tj ETQq0 0 0 rgBT /Overlck 10 Tf 5</i>	8.1	10

#	ARTICLE	IF	CITATIONS
19	Specific spin-correlation dependent magnetic field effects on radical pairs photo-generated by electron transfer from biphenyl to phenyl-pyrylium salts in micelle. Chemical Physics Letters, 2009, 479, 70-75.	2.6	1