

# 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	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
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	Aza-Crown-Based Macrocyclic Probe Design for PET-off-on Multi-Cu <sup>2+</sup> Responsive and CHEF-on Multi-Zn <sup>2+</sup> Sensor: Application in Biological Cell Imaging and Theoretical Studies. <i>Inorganic Chemistry</i> , 2022, 61, 1982-1996.	4.0	5
13	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
14	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
15	An aluminium fluorosensor for the early detection of micro-level alcoholate corrosion. <i>RSC Advances</i> , 2020, 10, 23245-23249.	3.6	3
16	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
17	Specific spin-correlation dependent magnetic field effects on radical pairs photo-generated by electron transfer from biphenyl to phenyl-pyrylium salts in micelle. <i>Chemical Physics Letters</i> , 2009, 479, 70-75.	2.6	1
18	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

#	ARTICLE	IF	CITATIONS
19	2P055 Domain-Swapped Oligomerization and Molten Globule State of Cytochrome c(01C. Protein:) Tj ETQq1 1 0.784314 rgBT /Overl	0.1	0