

# Saswati Gharami

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A thioether containing reversible fluorescence "turn-on" chemosensor for selective detection of zinc(II): Applications in live cell imaging and inhibit logic gate. Journal of Molecular Structure, 2021, 1224, 129179.	3.6	13
2	A selective fluorogenic chemosensor for visual detection of chemical warfare reagent mimic diethylchlorophosphate. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 388, 112188.	3.9	17
3	A fluorescent "OFF" "ON" switch for the selective and sequential detection of Hg <sup>2+</sup> and I <sup>-</sup> with applications in imaging using human AGS gastric cancer cells. Dalton Transactions, 2020, 49, 187-195.	3.3	22
4	Two New Quinoline-Benzothiazole Blended "OFF" "ON" Type Fluorescent Probes Exclusively Detect Cd <sup>2+</sup> . ChemistrySelect, 2019, 4, 8068-8073.	1.5	9
5	An ESIPT based chromogenic and fluorescent ratiometric probe for Zn <sup>2+</sup> with imaging in live cells and tissues. New Journal of Chemistry, 2019, 43, 1857-1863.	2.8	17
6	Facile detection of organophosphorus nerve agent mimic (DCP) through a new quinoline-based ratiometric switch. New Journal of Chemistry, 2019, 43, 8627-8633.	2.8	18
7	Simple fabrication of a carbaldehyde based fluorescent "turn-on" probe for the selective and sole detection of Pd <sup>2+</sup> : application as test strips. New Journal of Chemistry, 2019, 43, 16915-16920.	2.8	5
8	Detection and discrimination of Zn <sup>2+</sup> and Hg <sup>2+</sup> using a single molecular fluorescent probe. New Journal of Chemistry, 2018, 42, 8646-8652.	2.8	18
9	A new multi-analyte fluorogenic sensor for efficient detection of Al <sup>3+</sup> and Zn <sup>2+</sup> ions based on ESIPT and CHEF features. New Journal of Chemistry, 2018, 42, 19076-19082.	2.8	34
10	Triphenylamine-benzimidazole based switch offers reliable detection of organophosphorus nerve agent (DCP) both in solution and gaseous state. New Journal of Chemistry, 2017, 41, 12562-12568.	2.8	20
11	An Efficient Fluorescence "Turn-On" Chemosensor Comprising of Coumarin and Rhodamine Moieties for Al <sup>3+</sup> and Hg <sup>2+</sup> . Journal of Fluorescence, 2017, 27, 2051-2057.	2.5	11
12	A coumarin based azo-phenol ligand as efficient fluorescent "OFF-ON-OFF" chemosensor for sequential detection of Mg <sup>2+</sup> and F <sup>-</sup> : Application in live cell imaging and as molecular logic gate. Sensors and Actuators B: Chemical, 2017, 253, 317-325.	7.8	31
13	A novel coumarin based molecular switch for the sequential detection of Al <sup>3+</sup> and F <sup>-</sup> : Application in lung cancer live cell imaging and construction of logic gate. Sensors and Actuators B: Chemical, 2017, 242, 338-346.	7.8	74
14	A Phenanthraquinone Based Fluorescent Probe for Sequential Detection of Cu <sup>2+</sup> and SO <sub>3</sub> <sup>2-</sup> . Journal of Fluorescence, 2016, 26, 2113-2118.	2.5	12
15	Novel pyridyl based azo-derivative for the selective and colorimetric detection of nickel(II). Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 159, 157-162.	3.9	13