

Saswati Gharami

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

314
citations

840776

11
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996975

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all docs

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docs citations

15
times ranked

423
citing authors

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