

Syed Samim Ali

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28
papers

409
citations

13
h-index

19
g-index

28
ext. papers

480
ext. citations

3.1
avg. IF

3.25
L-index

#	Paper	IF	Citations
28	Picoline based fluorescence turn-on chemosensor for zinc(II) ion recognition, cell imaging and cytotoxicity study: Synthesis, crystal structure, spectroscopy and DFT. <i>Polyhedron</i> , 2020 , 192, 114815	2.7	1
27	An Organic Nanofibrous Polymeric Composite for Ratiometric Detection of Diethyl Chlorophosphate (DCP) in Solution and Vapor. <i>ChemistrySelect</i> , 2020 , 5, 3770-3777	1.8	3
26	A highly selective ICT-based fluorescent probe for cysteine sensing and its application in living cell imaging. <i>Analytical Methods</i> , 2019 , 11, 1199-1207	3.2	17
25	Ratiometric sensing of nerve agent mimic DCP through in situ benzisoxazole formation. <i>Dyes and Pigments</i> , 2019 , 170, 107585	4.6	12
24	A highly selective ratiometric fluorescent probe for H ₂ S based on new heterocyclic ring formation and detection in live cells. <i>Supramolecular Chemistry</i> , 2019 , 31, 349-360	1.8	3
23	A benzothiazole-conjugated hemicyanine dye as a ratiometric NIR fluorescent probe for the detection and imaging of peroxyxynitrite in living cells. <i>Analytical Methods</i> , 2019 , 11, 5447-5454	3.2	8
22	A Perylene diimide based fluorescent probe for caffeine in aqueous medium. <i>Supramolecular Chemistry</i> , 2019 , 31, 28-35	1.8	3
21	Reaction-based bi-signaling chemodosimeter probe for selective detection of hydrogen sulfide and cellular studies. <i>New Journal of Chemistry</i> , 2018 , 42, 5367-5375	3.6	14
20	A Michael addition/cyclization-based switch-on fluorescent chemodosimeter for cysteine and its application in live cell imaging. <i>New Journal of Chemistry</i> , 2018 , 42, 4951-4958	3.6	13
19	Real time detection of the nerve agent simulant diethylchlorophosphate by nonfluorophoric small molecules generating a cyclization-induced fluorogenic response. <i>Analyst, The</i> , 2018 , 143, 4171-4179	5	17
18	A PET based fluorescent chemosensor with real time application in monitoring formaldehyde emissions from plywood. <i>Analytical Methods</i> , 2018 , 10, 2888-2894	3.2	11
17	Reaction-based ratiometric fluorescent probe for selective recognition of sulfide anions with a large Stokes shift through switching on ESIPT. <i>New Journal of Chemistry</i> , 2018 , 42, 76-84	3.6	13
16	A ratiometric hypochlorite sensor guided by PET controlled ESIPT output with real time application in commercial bleach. <i>New Journal of Chemistry</i> , 2018 , 42, 15990-15996	3.6	11
15	Simple Bisthiocarbonohydrazone as a Sensitive, Selective, Colorimetric, and Ratiometric Fluorescent Chemosensor for Picric Acids. <i>ACS Omega</i> , 2017 , 2, 1583-1593	3.9	29
14	A reactive primary fluorescence switch-on sensor for Hg ²⁺ and the generated fluorophore as secondary recognition receptor toward Cu ²⁺ in aqueous acetonitrile solution. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017 , 343, 7-16	4.7	6
13	A chromogenic and ratiometric fluorogenic probe for rapid detection of a nerve agent simulant DCP based on a hybrid hydroxynaphthalene-hemicyanine dye. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 5959-5967	3.9	19
12	Phenanthroline-fluorescein molecular hybrid as a ratiometric and selective fluorescent chemosensor for Cu ²⁺ via FRET strategy: synthesis, computational studies and in vitro applications. <i>Supramolecular Chemistry</i> , 2017 , 29, 616-626	1.8	8

11	A benzopyryliumphenothiazine conjugate of a flavylum derivative as a fluorescent chemosensor for cyanide in aqueous media and its bioimaging. <i>New Journal of Chemistry</i> , 2017 , 41, 12581-12588	3.6	13
10	Carbazole-driven ratiometric fluorescence turn on for dual ion recognition of Zn ²⁺ and Hg ²⁺ by thiophene-pyridyl conjugate in HEPES buffer medium: spectroscopy, computational, microscopy and cellular studies. <i>Supramolecular Chemistry</i> , 2017 , 29, 215-228	1.8	6
9	A highly sensitive fluorescent probe for detection of hydrazine in gas and solution phases based on the Gabriel mechanism and its bioimaging. <i>RSC Advances</i> , 2016 , 6, 70855-70862	3.7	39
8	Highly Selective Ratiometric Fluorescent Probes for Detection of Perborate Based on Excited-State Intramolecular Proton Transfer (ESIPT) in Environmental Samples and Living Cells. <i>ChemistrySelect</i> , 2016 , 1, 375-383	1.8	13
7	Reaction-based sensing of fluoride ions using desilylation method for triggering excited-state intramolecular proton transfer. <i>Supramolecular Chemistry</i> , 2016 , 28, 693-706	1.8	7
6	A Fluorophore-Free Chemodosimeter for H ₂ S with Luminescence Turn-On Response: Hydrogen Sulphide Sensing in Garlic Extract. <i>ChemistrySelect</i> , 2016 , 1, 5066-5073	1.8	3
5	Highly sensitive ratiometric fluorescence probes for nitric oxide based on dihydropyridine and potentially useful in bioimaging. <i>RSC Advances</i> , 2016 , 6, 113219-113227	3.7	8
4	Ratiometric fluorescent and chromogenic chemodosimeter for cyanide detection in water and its application in bioimaging. <i>RSC Advances</i> , 2015 , 5, 24274-24280	3.7	39
3	A BODIPY/pyrene-based chemodosimetric fluorescent chemosensor for selective sensing of hydrazine in the gas and aqueous solution state and its imaging in living cells. <i>RSC Advances</i> , 2015 , 5, 58228-58236	3.7	35
2	Aminomethylpyrene-based imino-phenols as primary fluorescence switch-on sensors for Al ³⁺ in solution and in Vero cells and their complexes as secondary recognition ensembles toward pyrophosphate. <i>RSC Advances</i> , 2015 , 5, 81203-81211	3.7	26
1	Colorimetric and ratiometric fluorescent chemodosimeter for selective sensing of fluoride and cyanide ions: tuning selectivity in proton transfer and C=O bond cleavage. <i>RSC Advances</i> , 2015 , 5, 10716-10722	3.7	32