

Syed Samim Ali

List of Publications by Citations

Source: <https://exaly.com/author-pdf/12139543/syed-samim-ali-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
27	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
26	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
25	Colorimetric and ratiometric fluorescent chemodosimeter for selective sensing of fluoride and cyanide ions: tuning selectivity in proton transfer and CBi bond cleavage. <i>RSC Advances</i> , 2015 , 5, 10716-10722	3.7	32
24	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
23	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
22	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
21	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
20	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
19	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
18	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
17	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
16	A benzopyrylium-phenothiazine 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
15	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
14	Ratiometric sensing of nerve agent mimic DCP through in situ benzisoxazole formation. <i>Dyes and Pigments</i> , 2019 , 170, 107585	4.6	12
13	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
12	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

11	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
10	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
9	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
8	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
7	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
6	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
5	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
4	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
3	A Perylene diimide based fluorescent probe for caffeine in aqueous medium. <i>Supramolecular Chemistry</i> , 2019 , 31, 28-35	1.8	3
2	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
1	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