

Shahi Imam Reja

List of Publications by Citations

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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.

20
papers

763
citations

17
h-index

20
g-index

20
ext. papers

874
ext. citations

5.5
avg, IF

4.18
L-index

#	Paper	IF	Citations
20	A TICT based NIR-fluorescent probe for human serum albumin: a pre-clinical diagnosis in blood serum. <i>Chemical Communications</i> , 2016 , 52, 1182-5	5.8	121
19	A highly selective fluorescent probe for hypochlorite and its endogenous imaging in living cells. <i>Chemical Communications</i> , 2014 , 50, 11911-4	5.8	91
18	A charge transfer based ratiometric fluorescent probe for detection of hydrazine in aqueous medium and living cells. <i>Sensors and Actuators B: Chemical</i> , 2016 , 222, 923-929	8.5	73
17	A charge transfer amplified fluorescent Hg ²⁺ complex for detection of picric acid and construction of logic functions. <i>Organic Letters</i> , 2012 , 14, 6084-7	6.2	73
16	A lysosome targetable fluorescent probe for endogenous imaging of hydrogen peroxide in living cells. <i>Chemical Communications</i> , 2017 , 53, 3701-3704	5.8	68
15	A bodipy based dual functional probe for the detection of hydrogen sulfide and H ₂ S induced apoptosis in cellular systems. <i>Chemical Communications</i> , 2015 , 51, 10875-8	5.8	44
14	A bodipy based fluorescent probe for evaluating and identifying cancer, normal and apoptotic C6 cells on the basis of changes in intracellular viscosity. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 1968-1977	7.3	42
13	A new thiacalix[4]arene-fluorescein based probe for detection of CN ⁻ and Cu ⁽²⁺⁾ ions and construction of a sequential logic circuit. <i>Dalton Transactions</i> , 2014 , 43, 15929-36	4.3	37
12	Synthesis, and the antioxidant, neuroprotective and P-glycoprotein induction activity of 4-arylquinoline-2-carboxylates. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 6267-77	3.9	27
11	Fluorescent probes for hydrogen polysulfides (HS, n > 1): from design rationale to applications. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 6692-6701	3.9	27
10	Hexaphenylbenzene appended AIEE active FRET based fluorescent probe for selective imaging of Hg ²⁺ ions in MCF-7 cell lines. <i>Sensors and Actuators B: Chemical</i> , 2017 , 249, 311-320	8.5	26
9	d-PET coupled ESIPT phenomenon for fluorescent turn-on detection of hydrogen sulfide. <i>RSC Advances</i> , 2013 , 3, 17770	3.7	24
8	A highly selective fluorescent probe for Fe in living cells: a stress induced cell based model study. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 1006-1012	3.9	22
7	A Highly Selective Fluorescent Probe for Detection of Hydrogen Sulfide in Living Systems: In Vitro and in Vivo Applications. <i>Chemistry - A European Journal</i> , 2017 , 23, 9872-9878	4.8	20
6	An Approach for the Selective Detection of Nitric Oxide in Biological Systems: An in vitro and in vivo Perspective. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 1020-7	4.5	20
5	A thiacalix[4]crown based chemosensor for Zn ²⁺ and HPO ₄ ²⁻ sequential logic operations at the molecular level. <i>Dalton Transactions</i> , 2015 , 44, 6062-8	4.3	20
4	Near-infrared fluorescent probes: a next-generation tool for protein-labeling applications. <i>Chemical Science</i> , 2020 , 12, 3437-3447	9.4	20

3	Chemodosimeter approach for nanomolar detection of Cu ²⁺ ions and their bio-imaging in PC3 cell lines. <i>RSC Advances</i> , 2014 , 4, 43470-43476	3-7	7
2	Development of an effective protein-labeling system based on smart fluorogenic probes. <i>Journal of Biological Inorganic Chemistry</i> , 2019 , 24, 443-455	3-7	1
1	An "OFF-ON-OFF" fluorescence protein-labeling probe for real-time visualization of the degradation of short-lived proteins in cellular systems.. <i>Chemical Science</i> , 2022 , 13, 1419-1427	9-4	0