

Sudipta Das

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19
papers

730
citations

12
h-index

19
g-index

19
ext. papers

776
ext. citations

4.2
avg, IF

3.53
L-index

#	Paper	IF	Citations
19	A naphthalene-based Al ³⁺ selective fluorescent sensor for living cell imaging. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 5523-9	3.9	176
18	Fluorescent probes for selective determination of trace level Al ³⁺ : recent developments and future prospects. <i>Analytical Methods</i> , 2013 , 5, 6262	3.2	141
17	A naphthalene exciplex based Al ³⁺ selective on-type fluorescent probe for living cells at the physiological pH range: experimental and computational studies. <i>Analyt. The</i> , 2012 , 137, 2166-75	5	97
16	Ratiometric fluorescence sensing and intracellular imaging of Al ³⁺ ions driven by an intramolecular excimer formation of a pyrimidine-pyrene scaffold. <i>Dalton Transactions</i> , 2013 , 42, 4757-63	4.3	84
15	2-(2-Pyridyl) benzimidazole based Co(II) complex as an efficient fluorescent probe for trace level determination of aspartic and glutamic acid in aqueous solution: a displacement approach. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 7097-104	3.9	43
14	Naphthalene based highly selective OFF-ON type fluorescent probe for Al ³⁺ and NO ₂ ⁻ ions for living cell imaging at physiological pH. <i>Inorganica Chimica Acta</i> , 2013 , 398, 64-71	2.7	30
13	Cd(II)-triggered excimer-monomer conversion of a pyrene derivative: time dependent red-shift of monomer emission with cell staining application. <i>Analyt. The</i> , 2012 , 137, 3910-3	5	29
12	A naphthalene-thiophene hybrid molecule as a fluorescent AND logic gate with Zn ²⁺ and OAc ⁻ ions as inputs: cell imaging and computational studies. <i>Dalton Transactions</i> , 2013 , 42, 6708-15	4.3	29
11	Interaction of a naphthalene based fluorescent probe with Al ³⁺ : experimental and computational studies. <i>Analytical Methods</i> , 2012 , 4, 3620	3.2	21
10	Thiophene anchored naphthalene derivative: Cr ³⁺ selective turn-on fluorescent probe for living cell imaging. <i>Analytical Methods</i> , 2012 , 4, 2254	3.2	21
9	A unique benzimidazole-naphthalene hybrid molecule for independent detection of Zn and N ions: Experimental and theoretical investigations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 209, 170-185	4.4	13
8	An INHIBIT logic gate from a thiophene derivative using iron and zinc ions as the input: tuning the efficiency on moving from naphthalene to anthracene to pyrene for the green luminescent detection of the intracellular iron. <i>Dalton Transactions</i> , 2013 , 42, 16387-95	4.3	12
7	2-(2-Pyridyl) benzimidazole-based ternary Mn(II) complex as an arsenate selective turn-on fluorescence probe: ppb level determination and cell imaging studies. <i>New Journal of Chemistry</i> , 2014 , 38, 2744	3.6	9
6	pH dependent separation of uranium by chelation chromatography using pyridine 2,6-dimethanol as a chelator: single crystal X-ray structural confirmation of the chelated uranium complex. <i>Journal of Hazardous Materials</i> , 2010 , 181, 154-60	12.8	8
5	A visible light excitable pyrene-naphthalene conjugate for ON fluorescence sensing of histidine in living cells. <i>RSC Advances</i> , 2014 , 4, 7495	3.7	7
4	Visible Light Excitable SCN ⁻ Selective Fluorescence Probe Derived from Thiophene. <i>Chinese Journal of Chemistry</i> , 2015 , 33, 1173-1177	4.9	6
3	Exploring aggregation-induced emission through tuning of ligand structure for picomolar detection of pyrene. <i>Journal of Molecular Recognition</i> , 2019 , 32, e2771	2.6	2

- 2 pH-controlled solid-phase enrichment of Mn(II): confirmation of the structure of the extracted ternary Mn(II) complex by single crystal X-ray structure analysis. *Desalination and Water Treatment*, **2014**, 52, 6069-6078 1
- 1 THIOCYANATE-ASSISTED SOLID PHASE ENRICHMENT OF Cu(II) USING PYRIDINE DERIVATIVE WITH X-RAY CRYSTALLOGRAPHIC EVIDENCE. *Chemical Engineering Communications*, **2013**, 200, 638-654 2.2 1