

Sudipta Das

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

820
citations

759055

12
h-index

794469

19
g-index

19
all docs

19
docs citations

19
times ranked

809
citing authors

#	ARTICLE	IF	CITATIONS
1	A naphthalene-based Al ³⁺ selective fluorescent sensor for living cell imaging. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 5523.	1.5	188
2	Fluorescent probes for selective determination of trace level Al ³⁺ : recent developments and future prospects. <i>Analytical Methods</i> , 2013, 5, 6262.	1.3	174
3	A naphthalene exciplex based Al ³⁺ selective on-type fluorescent probe for living cells at the physiological pH range: experimental and computational studies. <i>Analyst</i> , The, 2012, 137, 2166.	1.7	107
4	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.	1.6	95
5	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.	1.5	48
6	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.	1.2	34
7	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.	1.6	30
8	Cd(II)-triggered excimer-monomer conversion of a pyrene derivative: time dependent red-shift of monomer emission with cell staining application. <i>Analyst</i> , The, 2012, 137, 3910.	1.7	29
9	Interaction of a naphthalene based fluorescent probe with Al ³⁺ : experimental and computational studies. <i>Analytical Methods</i> , 2012, 4, 3620.	1.3	22
10	Thiophene anchored naphthalene derivative: Cr ³⁺ selective turn-on fluorescent probe for living cell imaging. <i>Analytical Methods</i> , 2012, 4, 2254.	1.3	21
11	A unique benzimidazole-naphthalene hybrid molecule for independent detection of Zn ²⁺ and Ni ²⁺ ions: Experimental and theoretical investigations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 209, 170-185.	2.0	20
12	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.	1.6	12
13	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.	1.4	10
14	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, 154-160.	6.5	9
15	A visible light excitable pyrene-naphthalene conjugate for ON fluorescence sensing of histidine in living cells. <i>RSC Advances</i> , 2014, 4, 7495.	1.7	8
16	Visible Light Excitable SCN ⁻ Selective Fluorescence Probe Derived from Thiophene. <i>Chinese Journal of Chemistry</i> , 2015, 33, 1173-1177.	2.6	7
17	Exploring aggregation-induced emission through tuning of ligand structure for picomolar detection of pyrene. <i>Journal of Molecular Recognition</i> , 2019, 32, e2771.	1.1	3
18	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. <i>Desalination and Water Treatment</i> , 2014, 52, 6069-6078.	1.0	2

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19	THIOCYANATE-ASSISTED SOLID PHASE ENRICHMENT OF Cu(II) USING PYRIDINE DERIVATIVE WITH X-RAY CRYSTALLOGRAPHIC EVIDENCE. Chemical Engineering Communications, 2013, 200, 638-654.	1.5	1