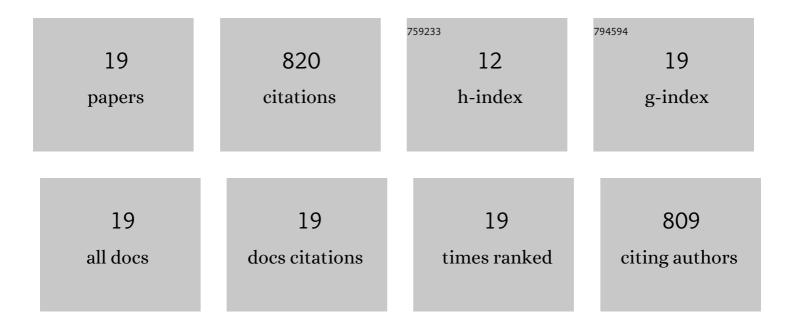
## Sudipta Das

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6787077/publications.pdf Version: 2024-02-01



**SUDIDTA DAS** 

#	Article	IF	CITATIONS
1	A naphthalene-based Al3+ selective fluorescent sensor for living cell imaging. Organic and Biomolecular Chemistry, 2011, 9, 5523.	2.8	188
2	Fluorescent probes for selective determination of trace level Al3+: recent developments and future prospects. Analytical Methods, 2013, 5, 6262.	2.7	174
3	A naphthalene exciplex based Al3+ selective on-type fluorescent probe for living cells at the physiological pH range: experimental and computational studies. Analyst, The, 2012, 137, 2166.	3.5	107
4	Ratiometric fluorescence sensing and intracellular imaging of Al3+ ions driven by an intramolecular excimer formation of a pyrimidine–pyrene scaffold. Dalton Transactions, 2013, 42, 4757.	3.3	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. Organic and Biomolecular Chemistry, 2011, 9, 7097.	2.8	48
6	Naphthalene based highly selective OFF–ON–OFF type fluorescent probe for Al3+ and NO2â~' ions for living cell imaging at physiological pH. Inorganica Chimica Acta, 2013, 398, 64-71.	2.4	34
7	A naphthalene–thiophene hybrid molecule as a fluorescent AND logic gate with Zn2+ and OAcâ^' ions as inputs: cell imaging and computational studies. Dalton Transactions, 2013, 42, 6708.	3.3	30
8	Cd(ii)-triggered excimer–monomer conversion of a pyrene derivative: time dependent red-shift of monomer emission with cell staining application. Analyst, The, 2012, 137, 3910.	3.5	29
9	Interaction of a naphthalene based fluorescent probe with Al3+: experimental and computational studies. Analytical Methods, 2012, 4, 3620.	2.7	22
10	Thiophene anchored naphthalene derivative: Cr3+ selective turn-on fluorescent probe for living cell imaging. Analytical Methods, 2012, 4, 2254.	2.7	21
11	A unique benzimidazole-naphthalene hybrid molecule for independent detection of Zn2+ and N3â^' ions: Experimental and theoretical investigations. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 209, 170-185.	3.9	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. Dalton Transactions, 2013, 42, 16387.	3.3	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. New Journal of Chemistry, 2014, 38, 2744.	2.8	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. Journal of Hazardous Materials, 2010, 181, 154-160.	12.4	9
15	A visible light excitable pyrene–naphthalene conjugate for ON fluorescence sensing of histidine in living cells. RSC Advances, 2014, 4, 7495.	3.6	8
16	Visible Light Excitable SCN <sup>â^'</sup> Selective Fluorescence Probe Derived from Thiophene. Chinese Journal of Chemistry, 2015, 33, 1173-1177.	4.9	7
17	Exploring aggregationâ€induced emission through tuning of ligand structure for picomolar detection of pyrene. Journal of Molecular Recognition, 2019, 32, e2771.	2.1	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. Desalination and Water Treatment, 2014, 52, 6069-6078.	1.0	2

#	Article	IF	CITATIONS
19	THIOCYANATE-ASSISTED SOLID PHASE ENRICHMENT OF Cu(II) USING PYRIDINE DERIVATIVE WITH X-RAY CRYSTALLOGRAPHIC EVIDENCE. Chemical Engineering Communications, 2013, 200, 638-654.	2.6	1