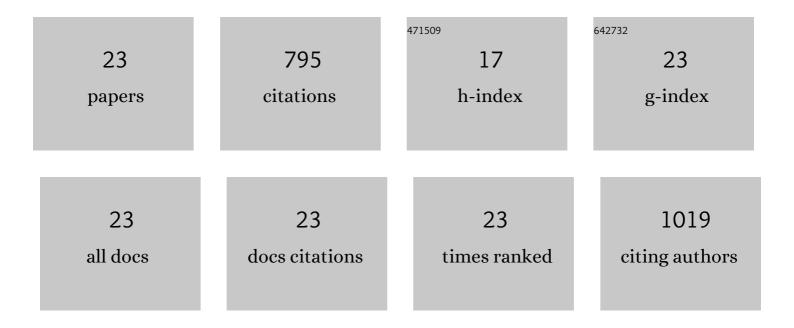
Manjira Mukherjee

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	A new fluorogenic probe for the selective detection of carbon monoxide in aqueous medium based on Pd(0) mediated reaction. Chemical Communications, 2015, 51, 4410-4413.	4.1	107
2	A rhodamine-based â€~turn-on' Al ³⁺ ion-selective reporter and the resultant complex as a secondary sensor for F ^{â^'} ion are applicable to living cell staining. Dalton Transactions, 2015, 44, 8708-8717.	3.3	76
3	Selective and Sensitive Turn-on Chemosensor for Arsenite Ion at the ppb Level in Aqueous Media Applicable in Cell Staining. Analytical Chemistry, 2014, 86, 11357-11361.	6.5	54
4	A fluorescent probe for the selective detection of creatinine in aqueous buffer applicable to human blood serum. Chemical Communications, 2016, 52, 13706-13709.	4.1	52
5	Effect of metal oxidation state on FRET: a Cu(<scp>i</scp>) silent but selectively Cu(<scp>ii</scp>) responsive fluorescent reporter and its bioimaging applications. Dalton Transactions, 2015, 44, 1761-1768.	3.3	46
6	A napthelene–pyrazol conjugate: Al(<scp>iii</scp>) ion-selective blue shifting chemosensor applicable as biomarker in aqueous solution. Analyst, The, 2014, 139, 4828-4835.	3.5	44
7	Development of a rhodamine–benzimidazol hybrid derivative as a novel FRET based chemosensor selective for trace level water. RSC Advances, 2014, 4, 21608-21611.	3.6	43
8	A water soluble FRET-based ratiometric chemosensor for Hg(<scp>ii</scp>) and S ^{2â^'} applicable in living cell staining. RSC Advances, 2014, 4, 14919-14927.	3.6	41
9	Effect of substituents on FRET in rhodamine based chemosensors selective for Hg2+ ions. Analyst, The, 2014, 139, 1628.	3.5	39
10	A turn-on green channel Zn ²⁺ sensor and the resulting zinc(<scp>ii</scp>) complex as a red channel HPO ₄ ^{2â^} ion sensor: a new approach. RSC Advances, 2017, 7, 25528-25534.	3.6	37
11	Cell permeable fluorescent receptor for detection of H2PO4â^' in aqueous solvent. Organic and Biomolecular Chemistry, 2013, 11, 1537.	2.8	33
12	A water soluble copper(<scp>ii</scp>) complex as a HSO ₄ ^{â^'} ion selective turn-on fluorescent sensor applicable in living cell imaging. RSC Advances, 2015, 5, 50532-50539.	3.6	30
13	A FRET-based â€~off–on' molecular switch: an effective design strategy for the selective detection of nanomolar Al ³⁺ ions in aqueous media. RSC Advances, 2014, 4, 21471-21478.	3.6	29
14	A cell permeable Cr3+ selective chemosensor and its application in living cell imaging. RSC Advances, 2013, 3, 19978.	3.6	26
15	Ruthenium(II) complexes of pyrrol-azo ligands: cytotoxicity, interaction with calf thymus DNA and bovine serum albumin. Journal of Coordination Chemistry, 2013, 66, 2747-2764.	2.2	20
16	Substituent effect on fluorescence signaling of the cell permeable HSO ₄ ^{â^'} receptors through single point to ratiometric response in green solvent. RSC Advances, 2014, 4, 27665-27673.	3.6	19
17	Synthesis, characterization, interactions with DNA and bovine serum albumin (BSA), and antibacterial activity of cyclometalated iridium(III) complexes containing dithiocarbamate derivatives. Journal of Coordination Chemistry, 2014, 67, 2643-2660.	2.2	18
18	Development of a cell permeable ratiometric chemosensor and biomarker for hydrogen sulphate ions in aqueous solution. RSC Advances, 2014, 4, 15356-15362.	3.6	17

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#	Article	IF	CITATIONS
19	Selective and sensitive turn-on chemosensor for Al(<scp>iii</scp>) ions applicable in living organisms: nanomolar detection in aqueous medium. RSC Advances, 2015, 5, 72508-72514.	3.6	17
20	Development of a cell permeable red-shifted CHEF-based chemosensor for Al 3+ ion by controlling PET. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 157, 11-16.	3.9	15
21	A quinazoline derivative as quick-response red-shifted reporter for nanomolar Al ³⁺ and applicable to living cell staining. RSC Advances, 2014, 4, 64014-64020.	3.6	14
22	A bio-attuned ratiometric hydrogen sulfate ion selective receptor in aqueous solvent: structural proof of the H-bonded adduct. RSC Advances, 2015, 5, 4468-4474.	3.6	9
23	Dosimetric Chromogenic Probe for Selective Detection of Sulfide via Sol–Gel Methodology. ACS Omega, 2018, 3, 17319-17325.	3.5	9