

# Manjira Mukherjee

## List of Publications by Year in descending order

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23  
papers

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471509

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642732

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docs citations

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times ranked

1019  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dosimetric Chromogenic Probe for Selective Detection of Sulfide via Sol-gel Methodology. ACS Omega, 2018, 3, 17319-17325.	3.5	9
2	A turn-on green channel Zn <sup>2+</sup> sensor and the resulting zinc(II) complex as a red channel HPO <sub>4</sub> <sup>2-</sup> ion sensor: a new approach. RSC Advances, 2017, 7, 25528-25534.	3.6	37
3	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
4	Development of a cell permeable red-shifted CHEF-based chemosensor for Al <sup>3+</sup> ion by controlling PET. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 157, 11-16.	3.9	15
5	A water soluble copper(II) complex as a HSO <sub>4</sub> <sup>-</sup> ion selective turn-on fluorescent sensor applicable in living cell imaging. RSC Advances, 2015, 5, 50532-50539.	3.6	30
6	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
7	A rhodamine-based "turn-on" Al <sup>3+</sup> ion-selective reporter and the resultant complex as a secondary sensor for F <sup>-</sup> ion are applicable to living cell staining. Dalton Transactions, 2015, 44, 8708-8717.	3.3	76
8	Selective and sensitive turn-on chemosensor for Al(III) ions applicable in living organisms: nanomolar detection in aqueous medium. RSC Advances, 2015, 5, 72508-72514.	3.6	17
9	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
10	Effect of metal oxidation state on FRET: a Cu(I) silent but selectively Cu(II) responsive fluorescent reporter and its bioimaging applications. Dalton Transactions, 2015, 44, 1761-1768.	3.3	46
11	A quinazoline derivative as quick-response red-shifted reporter for nanomolar Al <sup>3+</sup> and applicable to living cell staining. RSC Advances, 2014, 4, 64014-64020.	3.6	14
12	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
13	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
14	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
15	A naphthalene-pyrazol conjugate: Al(III) ion-selective blue shifting chemosensor applicable as biomarker in aqueous solution. Analyst, The, 2014, 139, 4828-4835.	3.5	44
16	Effect of substituents on FRET in rhodamine based chemosensors selective for Hg <sup>2+</sup> ions. Analyst, The, 2014, 139, 1628.	3.5	39
17	Substituent effect on fluorescence signaling of the cell permeable HSO <sub>4</sub> <sup>-</sup> receptors through single point to ratiometric response in green solvent. RSC Advances, 2014, 4, 27665-27673.	3.6	19
18	A water soluble FRET-based ratiometric chemosensor for Hg(II) and S <sup>2-</sup> applicable in living cell staining. RSC Advances, 2014, 4, 14919-14927.	3.6	41

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19	A FRET-based "off-on" molecular switch: an effective design strategy for the selective detection of nanomolar Al <sup>3+</sup> ions in aqueous media. RSC Advances, 2014, 4, 21471-21478.	3.6	29
20	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
21	A cell permeable Cr <sup>3+</sup> selective chemosensor and its application in living cell imaging. RSC Advances, 2013, 3, 19978.	3.6	26
22	Cell permeable fluorescent receptor for detection of H <sub>2</sub> PO <sub>4</sub> <sup>-</sup> in aqueous solvent. Organic and Biomolecular Chemistry, 2013, 11, 1537.	2.8	33
23	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