

Manjira Mukherjee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11617668/publications.pdf>

Version: 2024-02-01

23
papers

795
citations

471509

17
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

1019
citing authors

#	ARTICLE	IF	CITATIONS
1	A new fluorogenic probe for the selective detection of carbon monoxide in aqueous medium based on Pd(0) mediated reaction. <i>Chemical Communications</i> , 2015, 51, 4410-4413.	4.1	107
2	A rhodamine-based "turn-on" Al ³⁺ ion-selective reporter and the resultant complex as a secondary sensor for F ⁻ ion are applicable to living cell staining. <i>Dalton Transactions</i> , 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. <i>Analytical Chemistry</i> , 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. <i>Chemical Communications</i> , 2016, 52, 13706-13709.	4.1	52
5	Effect of metal oxidation state on FRET: a Cu(I) silent but selectively Cu(II) responsive fluorescent reporter and its bioimaging applications. <i>Dalton Transactions</i> , 2015, 44, 1761-1768.	3.3	46
6	A naphthalene-pyrazol conjugate: Al(III) ion-selective blue shifting chemosensor applicable as biomarker in aqueous solution. <i>Analyst, The</i> , 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. <i>RSC Advances</i> , 2014, 4, 21608-21611.	3.6	43
8	A water soluble FRET-based ratiometric chemosensor for Hg(II) and S ²⁻ applicable in living cell staining. <i>RSC Advances</i> , 2014, 4, 14919-14927.	3.6	41
9	Effect of substituents on FRET in rhodamine based chemosensors selective for Hg ²⁺ ions. <i>Analyst, The</i> , 2014, 139, 1628.	3.5	39
10	A turn-on green channel Zn ²⁺ sensor and the resulting zinc(II) complex as a red channel HPO ₄ ²⁻ ion sensor: a new approach. <i>RSC Advances</i> , 2017, 7, 25528-25534.	3.6	37
11	Cell permeable fluorescent receptor for detection of H ₂ PO ₄ ⁻ in aqueous solvent. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 1537.	2.8	33
12	A water soluble copper(II) complex as a HSO ₄ ⁻ ion selective turn-on fluorescent sensor applicable in living cell imaging. <i>RSC Advances</i> , 2015, 5, 50532-50539.	3.6	30
13	A FRET-based "off-on" molecular switch: an effective design strategy for the selective detection of nanomolar Al ³⁺ ions in aqueous media. <i>RSC Advances</i> , 2014, 4, 21471-21478.	3.6	29
14	A cell permeable Cr ³⁺ selective chemosensor and its application in living cell imaging. <i>RSC Advances</i> , 2013, 3, 19978.	3.6	26
15	Ruthenium(II) complexes of pyrrol-azo ligands: cytotoxicity, interaction with calf thymus DNA and bovine serum albumin. <i>Journal of Coordination Chemistry</i> , 2013, 66, 2747-2764.	2.2	20
16	Substituent effect on fluorescence signaling of the cell permeable HSO ₄ ⁻ receptors through single point to ratiometric response in green solvent. <i>RSC Advances</i> , 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. <i>Journal of Coordination Chemistry</i> , 2014, 67, 2643-2660.	2.2	18
18	Development of a cell permeable ratiometric chemosensor and biomarker for hydrogen sulphate ions in aqueous solution. <i>RSC Advances</i> , 2014, 4, 15356-15362.	3.6	17

#	ARTICLE	IF	CITATIONS
19	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
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 sulfide 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