

Ratnamala Bendre

List of Publications by Year in descending order

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12
papers

334
citations

933447

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443
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly selective turn-on fluorescent sensor for nanomolar detection of biologically important Zn ²⁺ based on isonicotinohydrazide derivative: Application in cellular imaging. Biosensors and Bioelectronics, 2014, 61, 429-433.	10.1	83
2	Highly selective nicotinohydrazide based "turn-on" chemosensor for the detection of bioactive zinc(II): Its biocompatibility and bioimaging application in cancer cells. Sensors and Actuators B: Chemical, 2018, 270, 200-206.	7.8	37
3	A novel chromogenic and fluorogenic chemosensor for detection of trace water in methanol. Sensors and Actuators B: Chemical, 2015, 210, 324-327.	7.8	36
4	2,2-(Hydrazine-1,2-diylidenedimethylidene)bis(6-isopropyl-3-methylphenol) based selective dual-channel chemosensor for Cu ²⁺ in semi-aqueous media. RSC Advances, 2014, 4, 39639-39644.	3.6	33
5	Highly Sensitive Ratiometric Chemosensor for Selective "Naked Eye" Nanomolar Detection of Co ²⁺ in Semi-Aqueous Media. ChemPhysChem, 2014, 15, 2230-2235.	2.1	31
6	A novel phthalazine based highly selective chromogenic and fluorogenic chemosensor for Co ²⁺ in semi-aqueous medium: application in cancer cell imaging. Photochemical and Photobiological Sciences, 2015, 14, 439-443.	2.9	26
7	A highly selective fluorescent "turn-on" chemosensor for Hg ²⁺ based on a phthalazin-hydrazone derivative and its application in human cervical cancer cell imaging. New Journal of Chemistry, 2015, 39, 3071-3076.	2.8	24
8	Novel fluorescent chemosensing of CN ⁻ anions with nanomolar detection using the Zn ²⁺ -isonicotinohydrazide metal complex. RSC Advances, 2014, 4, 41802-41806.	3.6	23
9	Pyrrole-coupled salicylimine-based fluorescence "turn on" probe for highly selective recognition of Zn ²⁺ ions in mixed aqueous media: Application in living cell imaging. Journal of Molecular Recognition, 2015, 28, 369-375.	2.1	17
10	A Fluorescent and Colorimetric Sensor for Nanomolar Detection of Co ²⁺ in Water. ChemPhysChem, 2014, 15, 3933-3937.	2.1	15
11	Fluorescence Chemosensor for HSO ₄ ⁻ Ion Based on Pyrrole-Substituted Salicylimine Zn ²⁺ Complex: Nanomolar Detection. Journal of Fluorescence, 2015, 25, 819-824.	2.5	8
12	Synthesis, Characterization and Antioxidant Potency of Naturally Occurring Phenolic Monoterpenoids Based Hydrazide Motifs. , 2018, 08, .		1