

Boddu Ananda Rao

List of Publications by Year in descending order

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papers

726
citations

623734

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#	ARTICLE	IF	CITATIONS
1	Rhodamine-chloronicotinaldehyde-based "OFF"ON chemosensor for the colorimetric and fluorescent determination of Al ³⁺ ions. <i>Sensors and Actuators B: Chemical</i> , 2015, 208, 75-84.	7.8	87
2	Efficient rhodamine-thiosemicarbazide-based colorimetric/fluorescent "turn-on"™ chemodosimeters for the detection of Hg ²⁺ in aqueous samples. <i>Sensors and Actuators B: Chemical</i> , 2015, 214, 101-110.	7.8	67
3	Colorimetric and "turn-on" fluorescent determination of Hg ²⁺ ions based on a rhodamine"pyridine derivative. <i>Sensors and Actuators B: Chemical</i> , 2014, 196, 388-397.	7.8	65
4	A highly selective dual-channel Cu ²⁺ and Al ³⁺ chemodosimeter in aqueous systems: Sensing in living cells and microfluidic flows. <i>Sensors and Actuators B: Chemical</i> , 2015, 210, 173-182.	7.8	65
5	A rhodamine scaffold immobilized onto mesoporous silica as a fluorescent probe for the detection of Fe (III) and applications in bio-imaging and microfluidic chips. <i>Sensors and Actuators B: Chemical</i> , 2016, 224, 404-412.	7.8	59
6	Synthesis of novel squaraine"bis(rhodamine-6G): A fluorescent chemosensor for the selective detection of Hg ²⁺ . <i>Sensors and Actuators B: Chemical</i> , 2014, 202, 779-787.	7.8	54
7	A highly selective fluorescent chemosensor for Hg ²⁺ based on a squaraine"bis(rhodamine-B) derivative: Part II. <i>Sensors and Actuators B: Chemical</i> , 2015, 210, 519-532.	7.8	54
8	Synthesis and biological evaluation of new rhodanine analogues bearing 2-chloroquinoline and benzo[h]quinoline scaffolds as anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2014, 83, 569-580.	5.5	46
9	Dual sensing performance of a rhodamine-derived scaffold for the determination of Cu ²⁺ and Ce ⁴⁺ in aqueous media. <i>Sensors and Actuators B: Chemical</i> , 2015, 220, 1254-1265.	7.8	42
10	Novel styrylbenzothiazolium dye-based sensor for mercury, cyanide and hydroxide ions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 144, 226-234.	3.9	34
11	An "OFF"ON™ fluorescent chemosensor based on rhodamine 6G-2-chloronicotinaldehyde for the detection of Al ³⁺ ions: Part II. <i>Sensors and Actuators B: Chemical</i> , 2016, 227, 227-241.	7.8	27
12	Application of solution processable squaraine dyes as electron donors for organic bulk-heterojunction solar cells. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 1688-1699.	2.9	22
13	A novel sensing capabilities and structural modification from thiourea to urea derivative by Hg(ClO ₄) ₂ : Selective dual chemodosimeter for Hg ²⁺ and F ⁻ ions. <i>Sensors and Actuators B: Chemical</i> , 2015, 220, 1070-1085.	7.8	17
14	Synthesis and chemosensitivity of a new iminium salt toward a cyanide anion. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 127, 268-274.	3.9	16
15	"Turn-on" fluorescent and colorimetric determination of Cu ²⁺ ions in aqueous media based on a Rhodamine-N-phenyl Semicarbazide derivative. <i>Fibers and Polymers</i> , 2015, 16, 953-960.	2.1	12
16	Synthesis of a novel pyrylium salt with chemoselectivity to a cyanide anion. <i>Supramolecular Chemistry</i> , 2015, 27, 191-200.	1.2	12
17	Optical properties of novel pyrene fluoroc hemosensor toward fluoride anions. <i>Fibers and Polymers</i> , 2013, 14, 2010-2014.	2.1	10
18	Design, Synthesis, and Biological Activity of New Bis-1,2,3-triazole Derivatives Bearing Thiophene-Chalcone Moiety. <i>Russian Journal of General Chemistry</i> , 2019, 89, 1859-1866.	0.8	10

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19	Thiophene-phenylquinazoline probe for selective ratiometric fluorescence and visual detection of Fe(III) and turn-off fluorescence for I ²⁻ and its applications. Photochemical and Photobiological Sciences, 2020, 19, 1707-1716.	2.9	8
20	Microwave-assisted synthesis and biological evaluation of thiazole-substituted dibenzofurans. Heterocyclic Communications, 2018, 24, 171-176.	1.2	6
21	Microwave Assisted Synthesis and Biological Activity of Novel Bis{2-[2-(substituted) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 66	0.8	10
22	Microwave-assisted synthesis of bis(N-substituted thiazol-2-amine) derivatives and their biological activities. Heterocyclic Communications, 2017, 23, .	1.2	3
23	Microwave-assisted synthesis of novel benzodifuran-based bis(N-(het)arylthiazol-2-amine) derivatives and their antibacterial and antimycobacterial activities. Chemistry of Heterocyclic Compounds, 2018, 54, 658-663.	1.2	3
24	Simple and efficient route for the synthesis of functionalized 2,3,7,8-tetrahydro-4H,6H-pyrano[3,2-g]chromene-4,6-diones. Chemistry of Heterocyclic Compounds, 2017, 53, 511-517.	1.2	2