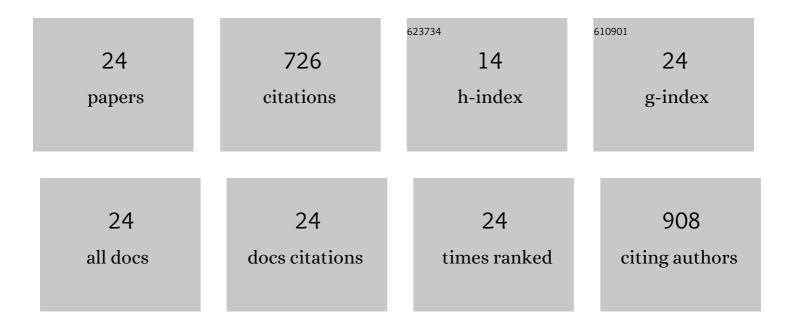
## Boddu Ananda Rao

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Rhodamine-chloronicotinaldehyde-based "OFF–ON―chemosensor for the colorimetric and fluorescent determination of Al3+ ions. Sensors and Actuators B: Chemical, 2015, 208, 75-84.	7.8	87
2	Efficient rhodamine-thiosemicarbazide-based colorimetric/fluorescent â€~turn-on' chemodosimeters for the detection of Hg2+ in aqueous samples. Sensors and Actuators B: Chemical, 2015, 214, 101-110.	7.8	67
3	Colorimetric and "turn-on―fluorescent determination of Hg2+ ions based on a rhodamine–pyridine derivative. Sensors and Actuators B: Chemical, 2014, 196, 388-397.	7.8	65
4	A highly selective dual-channel Cu2+ and Al3+ chemodosimeter in aqueous systems: Sensing in living cells and microfluidic flows. Sensors and Actuators B: Chemical, 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. Sensors and Actuators B: Chemical, 2016, 224, 404-412.	7.8	59
6	Synthesis of novel squaraine–bis(rhodamine-6G): A fluorescent chemosensor for the selective detection of Hg2+. Sensors and Actuators B: Chemical, 2014, 202, 779-787.	7.8	54
7	A highly selective fluorescent chemosensor for Hg2+ based on a squaraine–bis(rhodamine-B) derivative: Part II. Sensors and Actuators B: Chemical, 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. European Journal of Medicinal Chemistry, 2014, 83, 569-580.	5.5	46
9	Dual sensing performance of a rhodamine-derived scaffold for the determination of Cu2+ and Ce4+ in aqueous media. Sensors and Actuators B: Chemical, 2015, 220, 1254-1265.	7.8	42
10	Novel styrylbenzothiazolium dye-based sensor for mercury, cyanide and hydroxide ions. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 144, 226-234.	3.9	34
11	An â€~OFF–ON' fluorescent chemosensor based on rhodamine 6G-2-chloronicotinaldehyde for the detection of Al3+ ions: Part II. Sensors and Actuators B: Chemical, 2016, 227, 227-241.	7.8	27
12	Application of solution processable squaraine dyes as electron donors for organic bulk-heterojunction solar cells. Photochemical and Photobiological Sciences, 2013, 12, 1688-1699.	2.9	22
13	A novel sensing capabilities and structural modification from thiourea to urea derivative by Hg(ClO4)2: Selective dual chemodosimeter for Hg2+ and Fâ^' ions. Sensors and Actuators B: Chemical, 2015, 220, 1070-1085.	7.8	17
14	Synthesis and chemosensitivity of a new iminium salt toward a cyanide anion. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 127, 268-274.	3.9	16
15	"Turn-on―fluorescent and colorimetric determination of Cu2+ ions in aqueous media based on a Rhodamine-N-phenyl Semicarbazide derivative. Fibers and Polymers, 2015, 16, 953-960.	2.1	12
16	Synthesis of a novel pyrylium salt with chemoselectivity to a cyanide anion. Supramolecular Chemistry, 2015, 27, 191-200.	1.2	12
17	Optical properties of novel pyrene fluoric chemosensor toward fluoride anions. Fibers and Polymers, 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. Russian Journal of General Chemistry, 2019, 89, 1859-1866.	0.8	10

#	Article	IF	CITATIONS
19	Thiophene-phenylquinazoline probe for selective ratiometric fluorescence and visual detection of Fe(iii) and turn-off fluorescence for Iâ^' 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 1 0.8	0 Jf 50 662
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