Sait Malkondu

List of Publications by Year
in descending order

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39	914	394421 19	477307 29
papers	citations	h-index	g-index

43	43	43	936
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	On-site and low-cost detection of cyanide by simple colorimetric and fluorogenic sensors: Smartphone and test strip applications. Talanta, 2020, 207, 120278.	5.5	83
2	Red and blue emitting fluorescent probe for cyanide and hypochlorite ions: Biological sensing and environmental analysis. Dyes and Pigments, 2020, 174, 108019.	3.7	65
3	A novel perylene-bisimide dye as â€œturn onâ€•fluorescent sensor for Hg2+ ion found in DMF/H2O. Dyes and Pigments, 2015, 113, 763-769.	3.7	50
4	Dual-emissive fluorescent probe based on phenolphthalein appended diaminomaleonitrile for Al3+ and the colorimetric recognition of Cu2+. Dyes and Pigments, 2019, 163, 330-336.	3.7	48
5	A triphenylamine based multi-analyte chemosensor for Hg2+ andÂCu2+ ions in MeCN/H2O. Tetrahedron, 2014, 70, 5494-5498.	1.9	47
6	Detection of Hg2+ ion in aqueous media by new fluorometric and colorimetric sensor based on triazoleâ€“rhodamine. Journal of Photochemistry and Photobiology A: Chemistry, 2015, 309, 15-21.	3.9	40
7	A simple triazole-based â€œturn onâ€•fluorescent sensor for Al3+ ion in MeCNâ€“H2O and Fâ^' ion in MeCN. Journal of Luminescence, 2015, 158, 401-406.	3.1	37
8	A novel â€œturn onâ€•fluorescent sensor based on hydroxy-triphenylamine for Zn2+ and Cd2+ ions in MeCN. Sensors and Actuators B: Chemical, 2013, 188, 1225-1229.	7.8	33
9	A highly selective and sensitive perylenebisimide-based fluorescent PET sensor for Al3+ determination in MeCN. Tetrahedron, 2014, 70, 5580-5584.	1.9	33
10	Copper(II)-directed static excimer formation of an anthracene-based highly selective fluorescent receptor. Tetrahedron Letters, 2015, 56, 162-167.	1.4	33
11	â€˜Naked-eyeâ€™ detection of Fâ^' ions by two novel colorimetric receptors. Tetrahedron Letters, 2013, 54, 613-617.	1.4	31
12	Synthesis and cell imaging studies of an unusual â€œOFFâ€“ONâ€•fluorescent sensor containing a triazole unit for Al³⁺ detection via selective imine hydrolysis. Analyst, The, 2020, 145, 3725-3731.	3.5	30
13	Visual and quantitative detection of CNâ^' ion in aqueous media by an HBT-Br and thiazolium conjugated fluorometric and colorimetric probe: Real samples and useful applications. Talanta, 2021, 221, 121639.	5.5	28
14	Fluorogenic Recognition of Zn2+, Al3+ and Fâ^' Ions by a New Multi-Analyte Chemosensor Based Bisphenol A-Quinoline. Journal of Fluorescence, 2015, 25, 719-727.	2.5	27
15	Novel â€œturn onâ€•fluorescent sensors based on anthracene and carbazone units for Cu (II) ion in CH3CNâ€“H2O. Journal of Luminescence, 2015, 158, 86-90.	3.1	25
16	Calix[4]arene based a NIR-fluorescent sensor with an enhanced stokes shift for the real-time visualization of Zn(II) in living cells. Sensors and Actuators B: Chemical, 2020, 306, 127574.	7.8	24
17	Immobilization of Two Azacrown Ethers on Chitosan: Evaluation of Selective Extraction Ability Toward Cu(II) and Ni(II). Journal of Macromolecular Science - Pure and Applied Chemistry, 2009, 46, 745-750.	2.2	20
18	A highly selective and sensitive benzothiazoleâ€based â€˜turnâ€onâ€™ fluorescent sensor for Hg²⁺ ion. Coloration Technology, 2015, 131, 32-37.	1.5	20

#	Article	IF	Citations
19	A NIR fluorescent sensor based on thiazoline-isophorone with low cytotoxicity in living cells for Hg2+ detection through ICT associated hydrogen bonding effect. Analytica Chimica Acta, 2022, 1192, 339353.	5.4	20
20	A blue/red dual-emitting multi-responsive fluorescent probe for Fe3+, Cu2+ and cysteine based on isophorone-antharecene. Microchemical Journal, 2020, 157, 105075.	4.5	19
21	A switch-on xanthene-triphenylamine based fluorescent and colorimetric sensor for the detection of ultra-trace Hg2+ in food samples and living cells. Food Chemistry, 2022, 376, 131951.	8.2	19
22	A novel colorimetric and fluorescent sensor based on calix[4]arene possessing triphenylamine units. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 114, 190-196.	3.9	18
23	A reaction-based approach for fluorescence sensing of fluoride through cyclization of an O-acyl pyrene amidoxime derivative. Sensors and Actuators B: Chemical, 2018, 276, 296-303.	7.8	18
24	Dual-channel responsive fluorescent sensor for the logic-controlled detection and bioimaging of Zn2+ and Hg2+. Journal of Molecular Liquids, 2021, 326, 115279.	4.9	18
25	Cyanobiphenyl-spiropyrane and -hemicyanine conjugates for cyanide detection in organic/aqueous media through reverse ICT direction: Their practical applications. Talanta, 2021, 231, 122385.	5.5	17
26	Detection of water content in alcohol solvents over Al3+ induced colorimetric and NIR-fluorescent sensor based on isophorone-phenylamine. Microchemical Journal, 2021, 160, 105677.	4.5	14
27	A reversible calix[4]arene armed phenolphthalein based fluorescent probe for the detection of Zn²⁺ and an application in living cells. Luminescence, 2019, 34, 106-112.	2.9	13
28	Real-time screening of hydrazine by a NIR fluorescent probe with low cytotoxicity in living cells and its multiple applications: Optimization using Box-Behnken Design. Sensors and Actuators B: Chemical, 2022, 364, 131893.	7.8	13
29	Fluorescent labelling of DNA on superparamagnetic nanoparticles by a perylene bisimide derivative for cell imaging. Materials Science and Engineering C, 2015, 48, 86-93.	7.3	11
30	Antharacene-modified isophorone derivative with NIR-emission for hypochlorite detection by the oxidative decomposition reaction and its applications. Measurement: Journal of the International Measurement Confederation, 2022, 193, 111007.	5.0	11
31	A colorimetric and fluorometric probe for hydrazine through subsequent ring-opening and closing reactions: Its environmental applications. Microchemical Journal, 2020, 152, 104375.	4.5	10
32	Synthetic Access to New Pyridone Derivatives through the Alkylation Reactions of Hydroxypyridines with Epoxides. Synthetic Communications, 2007, 37, 3697-3708.	2.1	9
33	Novel liquid crystal trimers with a wide mesophase range. Journal of Molecular Liquids, 2013, 188, 167-172.	4.9	8
34	Oâ€Alkylation of Pyridine Aldoâ€•and Ketoximes with Dihalohydrins under Phaseâ€Transfer Conditions. Synthetic Communications, 2007, 37, 1155-1165.	2.1	6
35	Synthesis of alkyl nitrones by reaction of aldehyde and ketone oximes with Î±,Î²-unstaturated esters in the presence of Lewis acid. Russian Journal of Organic Chemistry, 2009, 45, 591-595.	0.8	6
36	Synthetic Access to New Carbamate and Thiocarbamate Derivatives from Pyridinecarbaldehyde Oximes and Hydroxypyridines. Synthetic Communications, 2011, 41, 1629-1637.	2.1	3

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37	Synthesis of a novel calix[4]azacrown ionophore and its extraction ability toward Cr(VI). Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2013, 76, 443-449.	1.6	2
38	Optical and quantitative detection of Ca2+ ion by an calix[4]arene-isophorone incorporated fluorometric and colorimetric probe. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 425, 113713.	3.9	2
39	Synthesis of a new triphenylamine dithiosemicarbazone derivative and investigation of its spectroscopic properties toward metal ions.. Karadeniz Fen Bilimleri Dergisi, 2022, 12, 368-380.	0.3	0