

Sait Malkondu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Optical and quantitative detection of Ca ²⁺ ion by an calix[4]arene-isophorone incorporated fluorometric and colorimetric probe. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 425, 113713.	3.9	2
2	A switch-on xanthene-triphenylamine based fluorescent and colorimetric sensor for the detection of ultra-trace Hg ²⁺ in food samples and living cells. <i>Food Chemistry</i> , 2022, 376, 131951.	8.2	19
3	A NIR fluorescent sensor based on thiazoline-isophorone with low cytotoxicity in living cells for Hg ²⁺ detection through ICT associated hydrogen bonding effect. <i>Analytica Chimica Acta</i> , 2022, 1192, 339353.	5.4	20
4	Anthracene-modified isophorone derivative with NIR-emission for hypochlorite detection by the oxidative decomposition reaction and its applications. <i>Measurement: Journal of the International Measurement Confederation</i> , 2022, 193, 111007.	5.0	11
5	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. <i>Sensors and Actuators B: Chemical</i> , 2022, 364, 131893.	7.8	13
6	Synthesis of a new triphenylamine dithiosemicarbazone derivative and investigation of its spectroscopic properties toward metal ions.. <i>Karadeniz Fen Bilimleri Dergisi</i> , 2022, 12, 368-380.	0.3	0
7	Visual and quantitative detection of CN ⁻ ion in aqueous media by an HBT-Br and thiazolium conjugated fluorometric and colorimetric probe: Real samples and useful applications. <i>Talanta</i> , 2021, 221, 121639.	5.5	28
8	Detection of water content in alcohol solvents over Al ³⁺ induced colorimetric and NIR-fluorescent sensor based on isophorone-phenylamine. <i>Microchemical Journal</i> , 2021, 160, 105677.	4.5	14
9	Dual-channel responsive fluorescent sensor for the logic-controlled detection and bioimaging of Zn ²⁺ and Hg ²⁺ . <i>Journal of Molecular Liquids</i> , 2021, 326, 115279.	4.9	18
10	Cyanobiphenyl-spiropyran and -hemicyanine conjugates for cyanide detection in organic/aqueous media through reverse ICT direction: Their practical applications. <i>Talanta</i> , 2021, 231, 122385.	5.5	17
11	On-site and low-cost detection of cyanide by simple colorimetric and fluorogenic sensors: Smartphone and test strip applications. <i>Talanta</i> , 2020, 207, 120278.	5.5	83
12	Red and blue emitting fluorescent probe for cyanide and hypochlorite ions: Biological sensing and environmental analysis. <i>Dyes and Pigments</i> , 2020, 174, 108019.	3.7	65
13	A colorimetric and fluorometric probe for hydrazine through subsequent ring-opening and closing reactions: Its environmental applications. <i>Microchemical Journal</i> , 2020, 152, 104375.	4.5	10
14	Calix[4]arene based a NIR-fluorescent sensor with an enhanced stokes shift for the real-time visualization of Zn(II) in living cells. <i>Sensors and Actuators B: Chemical</i> , 2020, 306, 127574.	7.8	24
15	Synthesis and cell imaging studies of an unusual "ON" fluorescent sensor containing a triazole unit for Al ³⁺ detection via selective imine hydrolysis. <i>Analyst</i> , The, 2020, 145, 3725-3731.	3.5	30
16	A blue/red dual-emitting multi-responsive fluorescent probe for Fe ³⁺ , Cu ²⁺ and cysteine based on isophorone-anthracene. <i>Microchemical Journal</i> , 2020, 157, 105075.	4.5	19
17	A reversible calix[4]arene armed phenolphthalein based fluorescent probe for the detection of Zn ²⁺ and an application in living cells. <i>Luminescence</i> , 2019, 34, 106-112.	2.9	13
18	Dual-emissive fluorescent probe based on phenolphthalein appended diaminomaleonitrile for Al ³⁺ and the colorimetric recognition of Cu ²⁺ . <i>Dyes and Pigments</i> , 2019, 163, 330-336.	3.7	48

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19	A reaction-based approach for fluorescence sensing of fluoride through cyclization of an O-acyl pyrene amidoxime derivative. <i>Sensors and Actuators B: Chemical</i> , 2018, 276, 296-303.	7.8	18
20	A highly selective and sensitive benzothiazole-based turn-on fluorescent sensor for Hg ²⁺ ion. <i>Coloration Technology</i> , 2015, 131, 32-37.	1.5	20
21	Detection of Hg ²⁺ ion in aqueous media by new fluorometric and colorimetric sensor based on triazole-rhodamine. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2015, 309, 15-21.	3.9	40
22	Fluorogenic Recognition of Zn ²⁺ , Al ³⁺ and F ⁻ Ions by a New Multi-Analyte Chemosensor Based Bisphenol A-Quinoline. <i>Journal of Fluorescence</i> , 2015, 25, 719-727.	2.5	27
23	Fluorescent labelling of DNA on superparamagnetic nanoparticles by a perylene bisimide derivative for cell imaging. <i>Materials Science and Engineering C</i> , 2015, 48, 86-93.	7.3	11
24	A simple triazole-based turn on fluorescent sensor for Al ³⁺ ion in MeCN/H ₂ O and F ⁻ ion in MeCN. <i>Journal of Luminescence</i> , 2015, 158, 401-406.	3.1	37
25	Copper(II)-directed static excimer formation of an anthracene-based highly selective fluorescent receptor. <i>Tetrahedron Letters</i> , 2015, 56, 162-167.	1.4	33
26	A novel perylene-bisimide dye as turn on fluorescent sensor for Hg ²⁺ ion found in DMF/H ₂ O. <i>Dyes and Pigments</i> , 2015, 113, 763-769.	3.7	50
27	Novel turn on fluorescent sensors based on anthracene and carbazone units for Cu (II) ion in CH ₃ CN/H ₂ O. <i>Journal of Luminescence</i> , 2015, 158, 86-90.	3.1	25
28	A triphenylamine based multi-analyte chemosensor for Hg ²⁺ and Cu ²⁺ ions in MeCN/H ₂ O. <i>Tetrahedron</i> , 2014, 70, 5494-5498.	1.9	47
29	A highly selective and sensitive perylenebisimide-based fluorescent PET sensor for Al ³⁺ determination in MeCN. <i>Tetrahedron</i> , 2014, 70, 5580-5584.	1.9	33
30	Synthesis of a novel calix[4]azacrown ionophore and its extraction ability toward Cr(VI). <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2013, 76, 443-449.	1.6	2
31	A novel turn on fluorescent sensor based on hydroxy-triphenylamine for Zn ²⁺ and Cd ²⁺ ions in MeCN. <i>Sensors and Actuators B: Chemical</i> , 2013, 188, 1225-1229.	7.8	33
32	Novel liquid crystal trimers with a wide mesophase range. <i>Journal of Molecular Liquids</i> , 2013, 188, 167-172.	4.9	8
33	Naked-eye detection of F ⁻ ions by two novel colorimetric receptors. <i>Tetrahedron Letters</i> , 2013, 54, 613-617.	1.4	31
34	A novel colorimetric and fluorescent sensor based on calix[4]arene possessing triphenylamine units. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 114, 190-196.	3.9	18
35	Synthetic Access to New Carbamate and Thiocarbamate Derivatives from Pyridinecarbaldehyde Oximes and Hydroxypyridines. <i>Synthetic Communications</i> , 2011, 41, 1629-1637.	2.1	3
36	Synthesis of alkyl nitrones by reaction of aldehyde and ketone oximes with α,β -unsaturated esters in the presence of Lewis acid. <i>Russian Journal of Organic Chemistry</i> , 2009, 45, 591-595.	0.8	6

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37	Immobilization of Two Azacrown Ethers on Chitosan: Evaluation of Selective Extraction Ability Toward Cu(II) and Ni(II). <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2009, 46, 745-750.	2.2	20
38	O-Alkylation of Pyridine Aldehydes and Ketoximes with Dihalohydrins under Phase-Transfer Conditions. <i>Synthetic Communications</i> , 2007, 37, 1155-1165.	2.1	6
39	Synthetic Access to New Pyridone Derivatives through the Alkylation Reactions of Hydroxypyridines with Epoxides. <i>Synthetic Communications</i> , 2007, 37, 3697-3708.	2.1	9