Kuo-xi Xu

List of Publications by Year
in descending order

53	1,258	279798	395702
papers	citations	23 h-index	33 g-index

53	53	53	925
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A novel reversible fluorescent probe for Cu²⁺Âand S^{2â˜'} ions and imaging in living cells. Methods and Applications in Fluorescence, 2022, 10, 035009.	2.3	5
2	A novel reversible oxazole-based NIR fluorescent probe for Cu2+ and S2â˜' ions detection. Journal of Molecular Structure, 2022, 1266, 133522.	3.6	8
3	A near-infrared fluorescent probe for imaging of endogenous hydrogen sulfide in living cells and mice. Dyes and Pigments, 2021, 189, 109231.	3.7	36
4	A novel cysteine fluorescent probe based on benzothiazole and quinoline with a large stokes shift and application in living cell and mice. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 418, 113335.	3.9	10
5	A novel â€œoff-on-offâ€•fluorescent probe for sensing of Fe3+ and Fâ˜' successively in aqueous solution and its application in cells. Dyes and Pigments, 2021, 194, 109637.	3.7	22
6	A dual fluorescence probe for Zn2+ and Al3+ through differentially response and bioimaging in living cells. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 225, 117493.	3.9	45
7	Indole-based colori/fluorimetric probe for selective detection of Cu2+ and application in living cell imaging. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 226, 117631.	3.9	23
8	Fluorescent schiff base probes for sequential detection of Al3+ and Fâ˜' and cell imaging applications. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 227, 117678.	3.9	48
9	Coumarin-based colorimetric-fluorescent sensors for the sequential detection of Zn2+ ion and phosphate anions and applications in cell imaging. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 228, 117790.	3.9	39
10	Visible and Reversible Restrict of Molecular Configuration by Copper Ion and Pyrophosphate. ACS Sensors, 2020, 5, 2438-2447.	7.8	21
11	A hemicyanine-based â€œturn-onâ€•fluorescent probe for the selective detection of Cu²⁺ ions and imaging in living cells. Analytical Methods, 2020, 12, 4181-4184.	2.7	17
12	A novel near-infrared turn-on fluorescent probe for the detection of Fe3+ and Al3+ and its applications in living cells imaging. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 239, 118552.	3.9	22
13	A novel fluorescent-colorimetric probe for Al³⁺ and Zn²⁺ ion detection with different response and applications in F^{â˜'} detection and cell imaging. Analyst, The, 2019, 144, 5706-5716.	3.5	54
14	An aminoquinoline based fluorescent probe for sequential detection of Znic (II) and inorganic phosphate and application in living cell imaging. Applied Organometallic Chemistry, 2019, 33, e5162.	3.5	16
15	A novel colorimetric-fluorescent probe for Al3+ and the resultant complex for Fâ˜' and its applications in cell imaging. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 222, 117234.	3.9	34
16	A novel coumarin-based fluorescent sensor for Ca2+ and sequential detection of Fâ˜' and its live cell imaging. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 216, 385-394.	3.9	34
17	Novel fluorescent probes for relay detection copper/citrate ion and application in cell imaging. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 211, 9-17.	3.9	21
18	Novel fluorescent probes for sequential detection of Cu2+ and citrate anion and application in living cell imaging. Dyes and Pigments, 2019, 161, 331-340.	3.7	47

#	Article	IF	Citations
19	Colorimetric chiral fluorescent sensors for Eu³⁺ and sequential enantioselective sensing of malate anion. Chirality, 2018, 30, 777-784.	2.6	7
20	Acridine-based fluorescence chemosensors for selective sensing of Fe3+ and Ni2+ ions. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 199, 403-411.	3.9	34
21	Development of Acridineâ€Derived â€œTurn Onâ€•Al³⁺ Fluorescent Sensors and Their Imaging in Living Cells. ChemistrySelect, 2018, 3, 2805-2811.	1.5	10
22	A novel turn-on fluorescent probe for Al3+ and Fe3+ in aqueous solution and its imaging in living cells. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 192, 257-262.	3.9	33
23	Fluorescence Sensors for Fe³⁺ Ion with High Selectivity and Sensitivity and Bioimaging in Living Cells. ChemistrySelect, 2018, 3, 11081-11086.	1.5	6
24	Phenanthroline-based fluorescence sensors for Eu3+ ion and subsequent enantioselective discriminating of malate. Supramolecular Chemistry, 2018, 30, 994-1003.	1.2	5
25	Synthesis and fluorescence spectral studies of novel quinolylbenzothiazole-based sensors for selective detection of Fe³⁺ ion. Canadian Journal of Chemistry, 2018, 96, 835-841.	1.1	15
26	A novel quinoline-derived fluorescent â€œturn-onâ€•probe for Cu2+ with highly selectivity and sensitivity and its application in cell imaging. Sensors and Actuators B: Chemical, 2018, 273, 1070-1076.	7.8	70
27	A selective fluorescent probe for relay detection of Zn2+ and tartrate: Application to logic circuit and living cell imaging. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 205, 410-418.	3.9	26
28	Turn-on fluorescent sensor for Zinc and Cadmium ions based on quinolone and its sequential response to phosphate. Journal of Luminescence, 2017, 186, 16-22.	3.1	46
29	A quinoline-based Cu 2+ ion complex fluorescence probe for selective detection of inorganic phosphate anion in aqueous solution and its application to living cells. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 183, 30-36.	3.9	27
30	Novel enantioselective fluorescent sensors for tartrate anion based on acridinezswsxa. Luminescence, 2017, 32, 1313-1318.	2.9	10
31	A novel 2-(Hydroxymethyl)quinolin-8-ol-based selective and sensitive fluorescence probe for Cd2+ ion in water and living cells. Sensors and Actuators B: Chemical, 2017, 251, 877-884.	7.8	63
32	Study on the synthesis of novel fluorescent macrocyclic sensors and their sensitive properties for Cu²⁺ and Fe³⁺ in aqueous solution. Supramolecular Chemistry, 2017, 29, 315-322.	1.2	25
33	A new fluorescent probe based on quinoline for detection of Al³⁺ and Fe³⁺ with â€œoffâ€“onâ€“offâ€•response in aqueous solution. RSC Advances, 2016, 6, 99933-99939.	3.6	34
34	Acridine-based complex as amino acid anion fluorescent sensor in aqueous solution. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 157, 1-5.	3.9	26
35	Synthesis and Chiral Detecting of Tartrate Fluorescence Sensors Based on Acridine. Chinese Journal of Organic Chemistry, 2016, 36, 782.	1.3	5
36	Novel anthracene-based fluorescent sensor for selective recognition of acetate anions in protic media. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 137, 957-961.	3.9	10

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37	Selective fluorescent sensors for malate anion using the complex of phenanthroline-based Eu(III) in aqueous solution. Sensors and Actuators B: Chemical, 2014, 201, 131-137.	7.8	23
38	A pair of chiral fluorescent sensors for enantioselective recognition of mandelate in water. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 118, 811-815.	3.9	9
39	Acridine-based enantioselective fluorescent sensors for the malate anion in water. New Journal of Chemistry, 2014, 38, 1004.	2.8	21
40	Novel enantioselective fluorescent sensors for malate anion based on acridine. Dyes and Pigments, 2014, 109, 169-174.	3.7	19
41	Novel fluorescent chemosensors based on tryptophan unit for Cu2+ and Fe3+ in aqueous solution. Chemical Research in Chinese Universities, 2013, 29, 642-646.	2.6	3
42	Novel fluorescent chemosensors based on carbazole for Cu2+ and Fe3+ in aqueous media. Journal of Luminescence, 2013, 143, 583-586.	3.1	17
43	Syntheses and highly enantioselective fluorescent recognition of Î±-hydroxyl/amino carboxylic acid anions in protic solutions. Sensors and Actuators B: Chemical, 2013, 177, 384-389.	7.8	26
44	Novel naphthalene-based fluorescent chemosensors for Cu2+ and Fe3+ in aqueous media. Supramolecular Chemistry, 2013, 25, 146-150.	1.2	11
45	Syntheses and Highly Enantioselective Fluorescent Recognition of Î±â€Aminocarboxylic Acid Anions Using Chiral Oxacalix[2]arene[2]bisbinaphthes. Chirality, 2012, 24, 646-651.	2.6	24
46	Enantioselective Fluorescent Sensors for Amino Acid Derivatives Based on BINOL Bearing S-tryptophan Unit: Synthesis and Chiral Recognition. Journal of Fluorescence, 2011, 21, 991-1000.	2.5	23
47	Enantioselective Fluorescent Sensors for Nâ€Bocâ€Protected Amino Acid Anions Based on BINOL. Chinese Journal of Chemistry, 2010, 28, 803-810.	4.9	6
48	Synthesis and enantioselective fluorescent sensors for amino acid derivatives based on BINOL. Supramolecular Chemistry, 2010, 22, 563-570.	1.2	16
49	Enantioselective fluorescent sensors for chiral carboxylates based on BINOL â€" Synthesis and chiral recognition. Canadian Journal of Chemistry, 2010, 88, 367-374.	1.1	11
50	Enantioselective fluorescent recognition of mandelate by substituted BINOL in aqueous solutions. Supramolecular Chemistry, 2009, 21, 618-623.	1.2	7
51	Enantioselective fluorescent sensors for amino acid derivatives based on BINOL bearing benzoyl unit. Tetrahedron: Asymmetry, 2009, 20, 1690-1696.	1.8	24
52	Synthesis and chiral recognition of novel chiral fluorescence receptors bearing 9-anthryl moieties. Tetrahedron: Asymmetry, 2005, 16, 833-839.	1.8	35
53	Enantioselective recognition by optically active chiral fluorescence sensors bearing amino acid units. Tetrahedron: Asymmetry, 2005, 16, 3042-3048.	1.8	29