

Zhanxian Li

List of Publications by Year in descending order

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42
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331670

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#	ARTICLE	IF	CITATIONS
1	Imaging of intracellular bisulfate based on sensitive ratiometric fluorescent probes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 265, 120335.	3.9	8
2	A mitochondrial and lysosomal targeted ratiometric probe for detecting intracellular H ₂ S. <i>Analytical Methods</i> , 2022, 14, 101-105.	2.7	8
3	Er ³⁺ -Based Luminescent Nanothermometer to Explore the Real-time Temperature of Cells under External Stimuli. <i>Small</i> , 2022, 18, e2107963.	10.0	15
4	A novel near-infrared fluorescent probe for the detection of sulfur dioxide derivatives and its application in biological imaging. <i>New Journal of Chemistry</i> , 2022, 46, 10746-10751.	2.8	1
5	Ratiometric upconversion luminescence nanoprobe for quick sensing of Hg ²⁺ and cells imaging. <i>Sensors and Actuators B: Chemical</i> , 2021, 326, 128841.	7.8	37
6	Preparation of Yellow Fluorescent N,O-CDs and its Application in Detection of ClO ⁻ . <i>Journal of Fluorescence</i> , 2021, 31, 659-666.	2.5	6
7	Luminescence interference-free lifetime nanothermometry pinpoints in vivo temperature. <i>Science China Chemistry</i> , 2021, 64, 974-984.	8.2	21
8	A mitochondrial-targeted ratiometric probe for detecting intracellular H ₂ S with high photostability. <i>Chinese Chemical Letters</i> , 2021, 32, 1799-1802.	9.0	65
9	Colorimetric and Ratiometric Fluorescence Detection of HSO ₃ ⁻ With a NIR Fluorescent Dye. <i>Journal of Fluorescence</i> , 2021, 31, 1567-1574.	2.5	9
10	Synthesis of a NIR fluorescent dye and its application for rapid detection of HSO ₃ ⁻ in living cells. <i>Dyes and Pigments</i> , 2021, 196, 109753.	3.7	13
11	FRET-based ratiometric fluorescent detection of arginine in mitochondrion with a hybrid nanoprobe. <i>Chinese Chemical Letters</i> , 2020, 31, 443-446.	9.0	59
12	Measurement of Temperature Distribution at the Nanoscale with Luminescent Probes Based on Lanthanide Nanoparticles and Quantum Dots. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 52393-52401.	8.0	21
13	One-step synthesis of mitochondrion-targeted fluorescent carbon dots and fluorescence detection of silver ions. <i>Analytical Methods</i> , 2020, 12, 2835-2840.	2.7	24
14	A mitochondrion-targeting fluorescent probe for hypochlorite anion in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 240, 118564.	3.9	13
15	Carbon dot-based ratiometric fluorescent probe of intracellular zinc ion and persulfate ion with low dark toxicity. <i>Luminescence</i> , 2020, 35, 1319-1327.	2.9	14
16	Synthesis of dual-emission fluorescent carbon quantum dots and their ratiometric fluorescence detection for arginine in 100% water solution. <i>New Journal of Chemistry</i> , 2019, 43, 13234-13239.	2.8	19
17	Lysosome-targeting NIR ratiometric luminescent upconversion nanoprobe toward arginine. <i>Sensors and Actuators B: Chemical</i> , 2019, 280, 94-101.	7.8	26
18	Mitochondria-targeted ratiometric fluorescent detection of hydrazine with a fast response time. <i>New Journal of Chemistry</i> , 2018, 42, 2030-2035.	2.8	22

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19	Colorimetric and fluorescent detection of hydrazine with high sensitivity and excellent selectivity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 188, 208-212.	3.9	13
20	Self-Assembled Micellar Nanosensor toward pH with high photo-stability and its application in living cells. <i>Sensors and Actuators B: Chemical</i> , 2018, 273, 927-934.	7.8	10
21	Ratiometric luminescence detection of hydrazine with a carbon dots@hemicyanine nanohybrid system. <i>RSC Advances</i> , 2017, 7, 10875-10880.	3.6	22
22	A new near-infrared ratiometric fluorescent probe for hydrazine. <i>RSC Advances</i> , 2017, 7, 25634-25639.	3.6	39
23	Ratiometric fluorescent detection of acidic pH in lysosome with carbon nanodots. <i>Chinese Chemical Letters</i> , 2017, 28, 1969-1974.	9.0	37
24	NIR Ratiometric Luminescence Detection of pH Fluctuation in Living Cells with Hemicyanine Derivative-Assembled Upconversion Nanophosphors. <i>Analytical Chemistry</i> , 2017, 89, 8863-8869.	6.5	65
25	Near-infrared ratiometric fluorescent detection of arginine in lysosome with a new hemicyanine derivative. <i>Biosensors and Bioelectronics</i> , 2017, 92, 385-389.	10.1	36
26	A ratiometric fluorescent sensor for pH fluctuation and its application in living cells with low dark toxicity. <i>Dyes and Pigments</i> , 2017, 136, 522-528.	3.7	24
27	Nanomolar colorimetric quantitative detection of Fe ³⁺ and PPi with high selectivity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 159, 249-253.	3.9	31
28	A 1,8-naphthalimide-based chemosensor with an off-on fluorescence and lifetime imaging response for intracellular Cr ³⁺ and further for S ²⁻ . <i>Dyes and Pigments</i> , 2016, 126, 279-285.	3.7	29
29	The vesicle formation of β -CD and AD self-assembly of dumbbell-shaped amphiphilic triblock copolymer. <i>Colloid and Polymer Science</i> , 2016, 294, 145-155.	2.1	2
30	Naked-eye and fluorescence detection of basic pH and F ⁻ with a 1,8-naphthalimide-based multifunctional probe. <i>RSC Advances</i> , 2015, 5, 15077-15083.	3.6	17
31	Nanomolar detection of Hcy, GSH and Cys in aqueous solution, test paper and living cells. <i>RSC Advances</i> , 2015, 5, 4941-4946.	3.6	17
32	Naked-eye-based selective detection of pyrophosphate with a Zn ²⁺ complex in aqueous solution and electrospun nanofibers. <i>RSC Advances</i> , 2015, 5, 25229-25235.	3.6	13
33	Nanomolar Cu ²⁺ and F ⁻ naked-eye detection with a 1,8-naphthalimide-based colorimetric probe. <i>Sensors and Actuators B: Chemical</i> , 2015, 212, 364-370.	7.8	71
34	A fluorescent probe for benzenethiols and its application on test paper, in water samples and living cells. <i>Journal of Materials Chemistry C</i> , 2015, 3, 8248-8254.	5.5	42
35	Naked-Eye Detection of C ₁ -C ₄ Alcohols Based on Ground-State Intramolecular Proton Transfer. <i>Analytical Chemistry</i> , 2014, 86, 2521-2525.	6.5	24
36	1,8-Naphthyridine and 8-hydroxyquinoline modified Rhodamine B derivatives: Turn-on fluorescent and colorimetric sensors for Al ³⁺ and Cu ²⁺ . <i>Dyes and Pigments</i> , 2013, 99, 887-894.	3.7	69

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37	A dual-mode and on/off fluorescent Al ³⁺ /Cu ²⁺ -chemosensor and the detection of F ⁻ /Al ³⁺ with in situ prepared Al ³⁺ /Cu ²⁺ complexes. <i>New Journal of Chemistry</i> , 2013, 37, 2257.	2.8	20
38	A visible light excitable on/off and green/red fluorescent chemodosimeter for Ni ²⁺ /Pb ²⁺ . <i>New Journal of Chemistry</i> , 2012, 36, 2176.	2.8	11
39	1,8-Naphthyridine-Derived Ni ²⁺ /Cu ²⁺ -Selective Fluorescent Chemosensor with Different Charge Transfer Processes. <i>Inorganic Chemistry</i> , 2012, 51, 12444-12449.	4.0	51
40	Water-soluble starlike poly(acrylic acid) graft polymer: preparation and application as templates for silver nanoclusters. <i>Polymer Bulletin</i> , 2012, 68, 2229-2242.	3.3	4
41	Highly sensitive and selective fluorescent sensor for Zn ²⁺ /Cu ²⁺ and new approach for sensing Cu ²⁺ by central metal displacement. <i>Chemical Communications</i> , 2011, 47, 5798.	4.1	148
42	A switching on fluorescent chemodosimeter of selectivity to Zn ²⁺ and its application to MCF-7 cells. <i>Chemical Communications</i> , 2010, 46, 7169.	4.1	103