

Lintao Zeng

List of Publications by Year in descending order

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62
papers

3,176
citations

126858

33
h-index

155592

55
g-index

63
all docs

63
docs citations

63
times ranked

2355
citing authors

#	ARTICLE	IF	CITATIONS
1	Acceptor-donor-acceptor structured deep-red AIE photosensitizer: Lysosome-specific targeting, in vivo long-term imaging, and effective photodynamic therapy. <i>Chemical Engineering Journal</i> , 2022, 430, 132638.	6.6	28
2	High-performance near-infrared fluorescence probe for fast and specific visualization of harmful sulfite in food, living cells, and zebrafish. <i>Chemical Engineering Journal</i> , 2022, 427, 131563.	6.6	102
3	A molecular recognition platform for the simultaneous sensing of diverse chemical weapons. <i>Chemical Science</i> , 2022, 13, 4523-4532.	3.7	55
4	Molecular engineered optical probes for chemical warfare agents and their mimics: Advances, challenges and perspectives. <i>Coordination Chemistry Reviews</i> , 2022, 463, 214527.	9.5	39
5	Fast visual monitoring of the freshness of beef using a smart fluorescent sensor. <i>Food Chemistry</i> , 2022, 394, 133489.	4.2	15
6	A colorimetric and fluorescence lighting-up probe for the determination of biogenic primary diamine during the spoilage of fish. <i>Dyes and Pigments</i> , 2021, 186, 108963.	2.0	31
7	Modulation of superhydrophobicity and self-binding strength of cellulose ester-based coating by changing the degree of substitution. <i>Journal of Materials Science</i> , 2021, 56, 5924-5935.	1.7	6
8	Revealing HOCl burst from endoplasmic reticulum in cisplatin-treated cells via a ratiometric fluorescent probe. <i>Chinese Chemical Letters</i> , 2021, 32, 1795-1798.	4.8	53
9	Polythiophene-Based Carbon Dots for Imaging-Guided Photodynamic Therapy. <i>ACS Applied Nano Materials</i> , 2021, 4, 10528-10533.	2.4	24
10	Recyclable europium functionalized metal-organic fluorescent probe for detection of tryptophan in biological fluids and food products. <i>Analytica Chimica Acta</i> , 2021, 1180, 338897.	2.6	27
11	A portable chromogenic and fluorogenic membrane sensor for ultrasensitive, specific and instantaneous visualizing of lethal phosgene. <i>Journal of Materials Chemistry A</i> , 2020, 8, 24695-24702.	5.2	46
12	Fast and visual detection of a chemical warfare agent mimic using a simple, effective and portable chemodosimeter. <i>Sensors and Actuators B: Chemical</i> , 2020, 319, 128282.	4.0	29
13	β -Cyclodextrin-Promoted Colorimetric and Fluorescence Turn-on Probe for Discriminating Highly Toxic Thiophenol from Biothiols. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 6413-6421.	3.2	18
14	Highly selective detection of Cu ²⁺ in aqueous media based on Tb ³⁺ -functionalized metal-organic framework. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 240, 118621.	2.0	31
15	Hyaluronic Acid-Modified Fluorescent Probe for Dual Color Imaging of Living Cell. <i>ACS Applied Bio Materials</i> , 2020, 3, 1893-1901.	2.3	1
16	A distinctive mitochondrion-targeting, <i>in situ</i> -activatable near-infrared fluorescent probe for visualizing sulfur dioxide derivatives and their fluctuations <i>in vivo</i> . <i>Journal of Materials Chemistry B</i> , 2020, 8, 1914-1921.	2.9	64
17	A novel cross-linked nanoparticle with aggregation-induced emission properties for cancer cell imaging. <i>Journal of Materials Chemistry B</i> , 2020, 8, 2431-2437.	2.9	12
18	A Single Fluorescent Chemosensor for Simultaneous Discriminative Detection of Gaseous Phosgene and a Nerve Agent Mimic. <i>Analytical Chemistry</i> , 2019, 91, 12070-12076.	3.2	95

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19	A colorimetric and fluorescent lighting-up sensor based on ICT coupled with PET for rapid, specific and sensitive detection of nitrite in food. <i>Chemical Communications</i> , 2019, 55, 9947-9950.	2.2	48
20	A single fluorescent chemosensor for discriminative detection of bisulfite and benzoyl peroxide in food with different emission. <i>Sensors and Actuators B: Chemical</i> , 2019, 299, 126994.	4.0	36
21	A selective cascade reaction-based probe for colorimetric and ratiometric fluorescence detection of benzoyl peroxide in food and living cells. <i>Journal of Materials Chemistry B</i> , 2019, 7, 5775-5781.	2.9	26
22	Bright solid-state red-emissive BODIPYs: facile synthesis and their high-contrast mechanochromic properties. <i>Journal of Materials Chemistry C</i> , 2019, 7, 3471-3478.	2.7	81
23	A ratiometric fluorescent probe for detecting hypochlorite in the endoplasmic reticulum. <i>Chemical Communications</i> , 2019, 55, 2533-2536.	2.2	126
24	A water-soluble near-infrared fluorescent probe for sensitive and selective detection of cysteine. <i>Talanta</i> , 2019, 204, 747-752.	2.9	29
25	Aggregation-Induced Emission-Active 1,4-Dihydropyridine-Based Dual-Phase Fluorescent Sensor with Multiple Functions. <i>Chemistry - an Asian Journal</i> , 2019, 14, 2242-2250.	1.7	13
26	The visualization of lysosomal and mitochondrial glutathione via near-infrared fluorophore and in vivo imaging application. <i>Sensors and Actuators B: Chemical</i> , 2019, 290, 676-683.	4.0	34
27	A fast responsive chromogenic and near-infrared fluorescence lighting-up probe for visual detection of toxic thiophenol in environmental water and living cells. <i>Talanta</i> , 2019, 201, 111-118.	2.9	27
28	In Vivo Imaging of Endogenously Produced HClO in Zebrafish and Mice Using a Bright, Photostable Ratiometric Fluorescent Probe. <i>Analytical Chemistry</i> , 2019, 91, 4172-4178.	3.2	248
29	PtNi bimetallic nanoparticles loaded MoS ₂ nanosheets: Preparation and electrochemical sensing application for the detection of dopamine and uric acid. <i>Analytica Chimica Acta</i> , 2019, 1055, 17-25.	2.6	88
30	A distinctive near-infrared fluorescence turn-on probe for rapid, sensitive and chromogenic detection of sulfite in food. <i>Dyes and Pigments</i> , 2019, 162, 459-465.	2.0	111
31	A paper-based chemosensor for highly specific, ultrasensitive, and instantaneous visual detection of toxic phosgene. <i>Chemical Communications</i> , 2019, 55, 13753-13756.	2.2	53
32	Triplex-forming oligonucleotide as a lighting-up switch for a DNA abasic site-binding fluorescent ligand. <i>Journal of Luminescence</i> , 2018, 198, 193-197.	1.5	7
33	A rhodamine-based fluorescent probe for colorimetric and fluorescence lighting-up determination of toxic thiophenols in environmental water and living cells. <i>Talanta</i> , 2018, 181, 239-247.	2.9	35
34	Highly photostable, lysosome-targeted BODIPYs with green to near-infrared emission for lysosome imaging in living cells. <i>Dyes and Pigments</i> , 2018, 155, 30-35.	2.0	40
35	A new fluorescent chemodosimeter for ultra-sensitive determination of toxic thiophenols in environmental water samples and cancer cells. <i>Sensors and Actuators B: Chemical</i> , 2018, 254, 21-29.	4.0	45
36	Selective visualization of hypochlorite and its fluctuation in cancer cells by a mitochondria-targeting ratiometric fluorescent probe. <i>Dyes and Pigments</i> , 2018, 149, 253-260.	2.0	104

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37	Oxidized-morpholine dressing ratiometric fluorescent probe for specifically visualizing the intracellular glutathione. <i>Dyes and Pigments</i> , 2018, 148, 292-297.	2.0	20
38	A novel colorimetric and ratiometric fluorescent probe for visualizing SO ₂ derivatives in environment and living cells. <i>Talanta</i> , 2018, 176, 389-396.	2.9	71
39	A colorimetric and ratiometric fluorescent probe for rapid, sensitive and visual detection of metabisulfite in food and living cells. <i>Analytical Methods</i> , 2018, 10, 5696-5701.	1.3	12
40	Rapid and Visual Detection of Benzoyl Peroxide in Food by a Colorimetric and Ratiometric Fluorescent Probe. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 10913-10920.	2.4	39
41	Recent progress in Michael addition-based fluorescent probes for sulfur dioxide and its derivatives. <i>Chinese Chemical Letters</i> , 2018, 29, 1456-1464.	4.8	68
42	Determination of Sulfamerazine in River Water Using Thermoresponsive Modified Silica for Solid-Phase Extraction with High-Performance Liquid Chromatography Detection. <i>Analytical Letters</i> , 2018, 51, 2684-2696.	1.0	2
43	A smart fluorescent probe for discriminative detection of hydrazine and bisulfite from different emission channels. <i>Sensors and Actuators B: Chemical</i> , 2018, 274, 274-284.	4.0	90
44	Regulating glutathione-responsiveness of naphthalimide-based fluorescent probes by an oxidation strategy. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 5517-5523.	1.5	15
45	Colorimetric and Ratiometric Chemosensor for Visual Detection of Gaseous Phosgene Based on Anthracene Carboxyimide Membrane. <i>Analytical Chemistry</i> , 2018, 90, 8686-8691.	3.2	78
46	A dual-channel responsive near-infrared fluorescent probe for multicolour imaging of cysteine in living cells. <i>Journal of Materials Chemistry B</i> , 2017, 5, 3600-3606.	2.9	68
47	Lysosome-targetable polythiophene nanoparticles for two-photon excitation photodynamic therapy and deep tissue imaging. <i>Journal of Materials Chemistry B</i> , 2017, 5, 3651-3657.	2.9	36
48	A hemicyanine-based colorimetric and ratiometric fluorescent probe for selective detection of cysteine and bioimaging in living cell. <i>Talanta</i> , 2017, 170, 406-412.	2.9	43
49	A family of multi-color anthracene carboxyimides: Synthesis, spectroscopic properties, solvatochromic fluorescence and bio-imaging application. <i>Dyes and Pigments</i> , 2017, 139, 166-173.	2.0	32
50	Ultrasensitive near-infrared fluorescence-enhanced probe for discriminative detection of GSH and Cys from different emission channels. <i>Sensors and Actuators B: Chemical</i> , 2017, 238, 58-65.	4.0	83
51	A simple naphthalene-based fluorescent probe for high selective detection of formaldehyde in toffees and HeLa cells via aza-Cope reaction. <i>Talanta</i> , 2016, 160, 645-652.	2.9	72
52	Aggregation induced emission controlled by a temperature-sensitive organic-inorganic hybrid polymer with a particular LCST. <i>RSC Advances</i> , 2016, 6, 86012-86018.	1.7	10
53	A mitochondria-targeted near-infrared probe for colorimetric and ratiometric fluorescence detection of hypochlorite in living cells. <i>RSC Advances</i> , 2016, 6, 107525-107532.	1.7	38
54	A novel fluorescent probe for rapid and sensitive detection of hydrogen sulfide in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 168, 132-138.	2.0	22

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55	Synthesis and assembly of polyhedral oligomeric silsesquioxane end-capped amphiphilic polymer to enhance the fluorescent intensity of tetraphenylethene. <i>Colloid and Polymer Science</i> , 2016, 294, 1315-1324.	1.0	9
56	A colorimetric and ratiometric fluorescent probe for the rapid and sensitive detection of sulfite in sugar. <i>Analytical Methods</i> , 2016, 8, 1572-1576.	1.3	29
57	A mitochondria-targeted ratiometric fluorescent probe for rapid, sensitive and specific detection of biological SO ₂ derivatives in living cells. <i>Biosensors and Bioelectronics</i> , 2016, 77, 725-732.	5.3	244
58	A smart fluorescent probe for simultaneous detection of GSH and Cys in human plasma and cells. <i>RSC Advances</i> , 2015, 5, 97781-97787.	1.7	32
59	A twisted intramolecular charge transfer probe for rapid and specific detection of trace biological SO ₂ derivatives and bio-imaging applications. <i>Chemical Communications</i> , 2015, 51, 1154-1156.	2.2	128
60	A ratiometric fluorescent probe for rapid and sensitive visualization of hypochlorite in living cells. <i>RSC Advances</i> , 2014, 4, 43110-43113.	1.7	64
61	meso-C6F5 substituted BODIPYs with distinctive spectroscopic properties and their application for bioimaging in living cells. <i>Tetrahedron</i> , 2014, 70, 5800-5805.	1.0	23
62	A novel and photostable pH probe for selectively staining nuclei in living cells. <i>Analyst</i> , The, 2013, 138, 7083.	1.7	21