

# 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	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
2	A mitochondria-targeted ratiometric fluorescent probe for rapid, sensitive and specific detection of biological SO <sub>2</sub> derivatives in living cells. <i>Biosensors and Bioelectronics</i> , 2016, 77, 725-732.	5.3	244
3	A twisted intramolecular charge transfer probe for rapid and specific detection of trace biological SO <sub>2</sub> derivatives and bio-imaging applications. <i>Chemical Communications</i> , 2015, 51, 1154-1156.	2.2	128
4	A ratiometric fluorescent probe for detecting hypochlorite in the endoplasmic reticulum. <i>Chemical Communications</i> , 2019, 55, 2533-2536.	2.2	126
5	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
6	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
7	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
8	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
9	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
10	PtNi bimetallic nanoparticles loaded MoS <sub>2</sub> 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
11	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
12	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
13	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
14	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
15	A novel colorimetric and ratiometric fluorescent probe for visualizing SO <sub>2</sub> derivatives in environment and living cells. <i>Talanta</i> , 2018, 176, 389-396.	2.9	71
16	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
17	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
18	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

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19	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
20	A molecular recognition platform for the simultaneous sensing of diverse chemical weapons. <i>Chemical Science</i> , 2022, 13, 4523-4532.	3.7	55
21	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
22	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
23	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
24	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
25	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
26	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
27	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
28	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
29	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
30	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
31	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
32	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
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	The visualization of lysosomal and mitochondrial glutathione via near-infrared fluorophore and <i>in vivo</i> imaging application. <i>Sensors and Actuators B: Chemical</i> , 2019, 290, 676-683.	4.0	34
35	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
36	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

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37	Highly selective detection of Cu <sup>2+</sup> in aqueous media based on Tb <sup>3+</sup> -functionalized metal-organic framework. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 240, 118621.	2.0	31
38	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
39	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
40	A water-soluble near-infrared fluorescent probe for sensitive and selective detection of cysteine. <i>Talanta</i> , 2019, 204, 747-752.	2.9	29
41	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
42	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
43	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
44	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
45	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
46	Polythiophene-Based Carbon Dots for Imaging-Guided Photodynamic Therapy. <i>ACS Applied Nano Materials</i> , 2021, 4, 10528-10533.	2.4	24
47	meso-C <sub>6</sub> F <sub>5</sub> substituted BODIPYs with distinctive spectroscopic properties and their application for bioimaging in living cells. <i>Tetrahedron</i> , 2014, 70, 5800-5805.	1.0	23
48	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
49	A novel and photostable pH probe for selectively staining nuclei in living cells. <i>Analyst</i> , 2013, 138, 7083.	1.7	21
50	Oxidized-morpholine dressing ratiometric fluorescent probe for specifically visualizing the intracellular glutathione. <i>Dyes and Pigments</i> , 2018, 148, 292-297.	2.0	20
51	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
52	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
53	Fast visual monitoring of the freshness of beef using a smart fluorescent sensor. <i>Food Chemistry</i> , 2022, 394, 133489.	4.2	15
54	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

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55	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
56	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
57	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
58	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
59	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
60	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
61	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
62	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