

# Weiying Lin

## List of Publications by Year in descending order

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356  
papers

20,864  
citations

9786

73  
h-index

13771

129  
g-index

361  
all docs

361  
docs citations

361  
times ranked

11698  
citing authors

#	ARTICLE	IF	CITATIONS
1	Far-red to near infrared analyte-responsive fluorescent probes based on organic fluorophore platforms for fluorescence imaging. <i>Chemical Society Reviews</i> , 2013, 42, 622-661.	38.1	1,634
2	FRET-Based Small-Molecule Fluorescent Probes: Rational Design and Bioimaging Applications. <i>Accounts of Chemical Research</i> , 2013, 46, 1462-1473.	15.6	834
3	Coumarin-Based Small-Molecule Fluorescent Chemosensors. <i>Chemical Reviews</i> , 2019, 119, 10403-10519.	47.7	814
4	A Unique Approach to Development of Near-Infrared Fluorescent Sensors for in Vivo Imaging. <i>Journal of the American Chemical Society</i> , 2012, 134, 13510-13523.	13.7	563
5	A Unique Class of Near-Infrared Functional Fluorescent Dyes with Carboxylic-Acid-Modulated Fluorescence ON/OFF Switching: Rational Design, Synthesis, Optical Properties, Theoretical Calculations, and Applications for Fluorescence Imaging in Living Animals. <i>Journal of the American Chemical Society</i> , 2012, 134, 1200-1211.	13.7	472
6	A Sensitive and Selective Fluorescent Thiol Probe in Water Based on the Conjugate 1,4-Addition of Thiols to $\alpha,\beta$ -Unsaturated Ketones. <i>Chemistry - A European Journal</i> , 2009, 15, 5096-5103.	3.3	364
7	Fluorescent chemosensors manipulated by dual/triple interplaying sensing mechanisms. <i>Chemical Society Reviews</i> , 2016, 45, 6449-6461.	38.1	363
8	Single Fluorescent Probe Responds to $H_2O_2$ , NO, and $H_2O_2/NO$ with Three Different Sets of Fluorescence Signals. <i>Journal of the American Chemical Society</i> , 2012, 134, 1305-1315.	13.7	356
9	Development of fluorescent probes based on protection-deprotection of the key functional groups for biological imaging. <i>Chemical Society Reviews</i> , 2015, 44, 5003-5015.	38.1	356
10	A Ratiometric Fluorescent Probe for Cysteine and Homocysteine Displaying a Large Emission Shift. <i>Organic Letters</i> , 2008, 10, 5577-5580.	4.6	299
11	Development of a Two-Photon Fluorescent Probe for Imaging of Endogenous Formaldehyde in Living Tissues. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3356-3359.	13.8	279
12	A near-infrared fluorescent turn-on probe for fluorescence imaging of hydrogen sulfide in living cells based on thiolysis of dinitrophenyl ether. <i>Chemical Communications</i> , 2012, 48, 10529.	4.1	277
13	A Unique "Integration" Strategy for the Rational Design of Optically Tunable Near-Infrared Fluorophores. <i>Accounts of Chemical Research</i> , 2017, 50, 1410-1422.	15.6	263
14	A Ratiometric Fluorescent Probe for Hypochlorite Based on a Deoxygenation Reaction. <i>Chemistry - A European Journal</i> , 2009, 15, 2305-2309.	3.3	240
15	Small molecule based fluorescent chemosensors for imaging the microenvironment within specific cellular regions. <i>Chemical Society Reviews</i> , 2021, 50, 12098-12150.	38.1	236
16	A multi-signal fluorescent probe for simultaneously distinguishing and sequentially sensing cysteine/homocysteine, glutathione, and hydrogen sulfide in living cells. <i>Chemical Science</i> , 2017, 8, 6257-6265.	7.4	227
17	Dual Site-Controlled and Lysosome-Targeted Intramolecular Charge Transfer "Photoinduced Electron Transfer" Fluorescence Resonance Energy Transfer Fluorescent Probe for Monitoring pH Changes in Living Cells. <i>Analytical Chemistry</i> , 2016, 88, 4085-4091.	6.5	220
18	Development of an ICT-based ratiometric fluorescent hypochlorite probe suitable for living cell imaging. <i>Chemical Communications</i> , 2011, 47, 12691.	4.1	213

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19	Single Fluorescent Probe for Dual-Imaging Viscosity and $H_2O_2$ in Mitochondria with Different Fluorescence Signals in Living Cells. <i>Analytical Chemistry</i> , 2017, 89, 552-555.	6.5	204
20	Simultaneous Near-Infrared and Two-Photon In Vivo Imaging of $H_2O_2$ Using a Ratiometric Fluorescent Probe based on the Unique Oxidative Rearrangement of Oxonium. <i>Advanced Materials</i> , 2016, 28, 8755-8759.	21.0	193
21	Through-Bond Energy Transfer Cassettes with Minimal Spectral Overlap between the Donor Emission and Acceptor Absorption: Coumarin-Rhodamine Dyads with Large Pseudo-Stokes Shifts and Emission Shifts. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 375-379.	13.8	176
22	A highly sensitive fluorescent probe for detection of benzenethiols in environmental samples and living cells. <i>Chemical Communications</i> , 2010, 46, 1503-1505.	4.1	171
23	A highly selective and sensitive fluorescent probe for $Hg^{2+}$ imaging in live cells based on a rhodamine-thioamide-alkyne scaffold. <i>Chemical Communications</i> , 2010, 46, 3529.	4.1	168
24	Fluorescent Detection of Hypochlorous Acid from Turn-On to FRET-Based Ratiometry by a $HOCl$ -Mediated Cyclization Reaction. <i>Chemistry - A European Journal</i> , 2012, 18, 2700-2706.	3.3	167
25	Fluorescent Probes for the Visualization of Cell Viability. <i>Accounts of Chemical Research</i> , 2019, 52, 2147-2157.	15.6	165
26	A unique carbazole-coumarin fused two-photon platform: development of a robust two-photon fluorescent probe for imaging carbon monoxide in living tissues. <i>Chemical Science</i> , 2014, 5, 3439.	7.4	151
27	Construction of Fluorescent Probes Via Protection/Deprotection of Functional Groups: A Ratiometric Fluorescent Probe for $Cu^{2+}$ . <i>Chemistry - A European Journal</i> , 2009, 15, 1030-1035.	3.3	148
28	Strategies for designing organic fluorescent probes for biological imaging of reactive carbonyl species. <i>Chemical Society Reviews</i> , 2019, 48, 4036-4048.	38.1	146
29	Lysosome-Targeted Turn-On Fluorescent Probe for Endogenous Formaldehyde in Living Cells. <i>Analytical Chemistry</i> , 2016, 88, 9359-9363.	6.5	142
30	A novel ratiometric fluorescent $Fe^{3+}$ sensor based on a phenanthroimidazole chromophore. <i>Analytica Chimica Acta</i> , 2009, 634, 262-266.	5.4	140
31	Coumarin-Based Turn-On Fluorescence Probe for Specific Detection of Glutathione over Cysteine and Homocysteine. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 12809-12813.	8.0	135
32	Rational Design of a Robust Fluorescent Probe for the Detection of Endogenous Carbon Monoxide in Living Zebrafish Embryos and Mouse Tissue. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13489-13492.	13.8	134
33	Single near-infrared fluorescent probe with high- and low-sensitivity sites for sensing different concentration ranges of biological thiols with distinct modes of fluorescence signals. <i>Chemical Science</i> , 2016, 7, 1896-1903.	7.4	130
34	Visualization of Mitochondrial Viscosity in Inflammation, Fatty Liver, and Cancer Living Mice by a Robust Fluorescent Probe. <i>Analytical Chemistry</i> , 2019, 91, 8415-8421.	6.5	125
35	A fast responsive two-photon fluorescent probe for imaging $H_2O_2$ in lysosomes with a large turn-on fluorescence signal. <i>Biosensors and Bioelectronics</i> , 2016, 79, 237-243.	10.1	123
36	Mitochondria and lysosome-targetable fluorescent probes for $HOCl$ : recent advances and perspectives. <i>Journal of Materials Chemistry B</i> , 2018, 6, 1716-1733.	5.8	122

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37	Development of a near-infrared fluorescent probe for monitoring hydrazine in serum and living cells. <i>Analytical Methods</i> , 2013, 5, 3450.	2.7	119
38	Recent progress in the fluorescent probes for the specific imaging of small molecular weight thiols in living cells. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 76, 166-181.	11.4	119
39	Rational design of a lipid-droplet-polarity based fluorescent probe for potential cancer diagnosis. <i>Chemical Communications</i> , 2018, 54, 12093-12096.	4.1	115
40	A coumarin-quinolinium-based fluorescent probe for ratiometric sensing of sulfite in living cells. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 4637.	2.8	110
41	Improved Aromatic Substitution-Driven Rearrangement-Based Ratiometric Fluorescent Cysteine-Specific Probe and Its Application of Real-Time Imaging under Oxidative Stress in Living Zebrafish. <i>Analytical Chemistry</i> , 2017, 89, 9567-9573.	6.5	109
42	Dynamically Monitoring Cell Viability in a Dual-Color Mode: Construction of an Aggregation/Monomer-Based Probe Capable of Reversible Mitochondria-Nucleus Migration. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16506-16510.	13.8	108
43	A ratiometric fluorescent formaldehyde probe for bioimaging applications. <i>Chemical Communications</i> , 2016, 52, 4029-4032.	4.1	107
44	A new strategy to construct a FRET platform for ratiometric sensing of hydrogen sulfide. <i>Chemical Communications</i> , 2015, 51, 1510-1513.	4.1	105
45	Single Fluorescent Probe Separately and Continuously Visualize H <sub>2</sub> S and HClO in Lysosomes with Different Fluorescence Signals. <i>Analytical Chemistry</i> , 2019, 91, 2932-2938.	6.5	104
46	Organic fluorescent probes for monitoring autophagy in living cells. <i>Chemical Society Reviews</i> , 2021, 50, 102-119.	38.1	104
47	Fluorescence turn-on detection of Cu <sup>2+</sup> in water samples and living cells based on the unprecedented copper-mediated dihydrosamine oxidation reaction. <i>Chemical Communications</i> , 2010, 46, 1311.	4.1	103
48	Analogs of Changsha near-infrared dyes with large Stokes Shifts for bioimaging. <i>Biomaterials</i> , 2013, 34, 9566-9571.	11.4	103
49	An ultra-fast illuminating fluorescent probe for monitoring formaldehyde in living cells, shiitake mushrooms, and indoors. <i>Chemical Communications</i> , 2016, 52, 9582-9585.	4.1	98
50	Lighting up Carbon Monoxide: Fluorescent Probes for Monitoring CO in Living Cells. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1628-1630.	13.8	97
51	A biotin-guided formaldehyde sensor selectively detecting endogenous concentrations in cancerous cells and tissues. <i>Chemical Communications</i> , 2016, 52, 11247-11250.	4.1	96
52	Construction of a Near-Infrared Fluorescent Turn-On Probe for Selenol and Its Bioimaging Application in Living Animals. <i>Chemistry - A European Journal</i> , 2015, 21, 11696-11700.	3.3	94
53	Revealing the Viscosity Changes in Lipid Droplets during Ferroptosis by the Real-Time and <i>In Situ</i> Near-Infrared Imaging. <i>ACS Sensors</i> , 2021, 6, 22-26.	7.8	94
54	A Fluorescent Cobalt Probe with a Large Ratiometric Fluorescence Response via Modulation of Energy Acceptor Molar Absorptivity on Metal Ion Binding. <i>Advanced Functional Materials</i> , 2008, 18, 2366-2372.	14.9	93

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55	A Unique Family of Rigid Analogues of the GFP Chromophore with Tunable Two-Photon Action Cross-Sections for Biological Imaging. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10018-10022.	13.8	92
56	Development of a ratiometric fluorescent pH probe for cell imaging based on a coumarin-quinoline platform. <i>Dyes and Pigments</i> , 2013, 99, 465-471.	3.7	92
57	Two-Photon and Deep-Red Emission Ratiometric Fluorescent Probe with a Large Emission Shift and Signal Ratios for Sulfur Dioxide: Ultrafast Response and Applications in Living Cells, Brain Tissues, and Zebrafishes. <i>Analytical Chemistry</i> , 2017, 89, 9388-9393.	6.5	91
58	A rational approach to tuning the pKa values of rhodamines for living cell fluorescence imaging. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 1723.	2.8	90
59	Construction of a near-infrared fluorescence turn-on and ratiometric probe for imaging palladium in living cells. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 1938.	2.8	89
60	Three-channel fluorescent sensing via organic white light-emitting dyes for detection of hydrogen sulfide in living cells. <i>Biomaterials</i> , 2013, 34, 7429-7436.	11.4	87
61	A lysosome-targeted and ratiometric fluorescent probe for imaging exogenous and endogenous hypochlorous acid in living cells. <i>Journal of Materials Chemistry B</i> , 2016, 4, 4739-4745.	5.8	86
62	Development of a near-infrared fluorescent probe for imaging of endogenous Cu <sup>+</sup> in live cells. <i>Chemical Communications</i> , 2012, 48, 6247.	4.1	84
63	Development of FRET-Based Dual-Excitation Ratiometric Fluorescent pH Probes and Their Photocaged Derivatives. <i>Chemistry - A European Journal</i> , 2012, 18, 1247-1255.	3.3	82
64	A fast-responsive fluorescent probe for detection of gold ions in water and synthetic products. <i>Chemical Communications</i> , 2011, 47, 4703.	4.1	81
65	A reversible fluorescent Hg <sup>2+</sup> chemosensor based on a receptor composed of a thiol atom and an alkene moiety for living cell fluorescence imaging. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 3618.	2.8	80
66	Ratiometric Imaging of Cysteine Level Changes in Endoplasmic Reticulum during H <sub>2</sub> O <sub>2</sub> -Induced Redox Imbalance. <i>Analytical Chemistry</i> , 2019, 91, 5513-5516.	6.5	79
67	A novel NIR probe for detection of viscosity in cellular lipid droplets, zebra fishes and living mice. <i>Sensors and Actuators B: Chemical</i> , 2018, 271, 321-328.	7.8	78
68	Development of a new rhodamine-based FRET platform and its application as a Cu <sup>2+</sup> probe. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 3944.	2.8	77
69	A Fluorescence-Enhanced Chemodosimeter for Fe <sup>3+</sup> Based on Hydrolysis of Bis(coumarinyl) Schiff Base. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 2689-2692.	2.4	76
70	A TICT-based fluorescent probe for rapid and specific detection of hydrogen sulfide and its bio-imaging applications. <i>Chemical Communications</i> , 2016, 52, 6415-6418.	4.1	76
71	A phenanthroimidazole-based fluorescent chemosensor for imaging hydrogen sulfide in living cells. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 9683.	2.8	75
72	Development of a ratiometric fluorescent sensor for ratiometric imaging of endogenously produced nitric oxide in macrophage cells. <i>Chemical Communications</i> , 2011, 47, 9372.	4.1	74

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73	Construction of a ratiometric two-photon fluorescent probe to monitor the changes of mitochondrial viscosity. <i>Sensors and Actuators B: Chemical</i> , 2018, 262, 452-459.	7.8	74
74	Discriminating Live and Dead Cells in Dual-Color Mode with a Two-Photon Fluorescent Probe Based on ESIPT Mechanism. <i>Analytical Chemistry</i> , 2018, 90, 998-1005.	6.5	74
75	An AIE + ESIPT ratiometric fluorescent probe for monitoring sulfur dioxide with distinct ratiometric fluorescence signals in mammalian cells, mouse embryonic fibroblast and zebrafish. <i>Journal of Materials Chemistry B</i> , 2018, 6, 1973-1983.	5.8	73
76	A novel near-infrared fluorescent probe for H <sub>2</sub> O <sub>2</sub> in alkaline environment and the application for H <sub>2</sub> O <sub>2</sub> imaging in vitro and in vivo. <i>Biomaterials</i> , 2016, 100, 162-171.	11.4	71
77	A dual-site two-photon fluorescent probe for visualizing lysosomes and tracking lysosomal hydrogen sulfide with two different sets of fluorescence signals in the living cells and mouse liver tissues. <i>Chemical Communications</i> , 2016, 52, 7016-7019.	4.1	70
78	Rational Design of a Reversible Fluorescent Probe for Sensing Sulfur Dioxide/Formaldehyde in Living Cells, Zebrafish, and Living Mice. <i>Analytical Chemistry</i> , 2019, 91, 10723-10730.	6.5	70
79	A versatile small-molecule fluorescence scaffold: Carbazole derivatives for bioimaging. <i>Coordination Chemistry Reviews</i> , 2020, 412, 213257.	18.8	70
80	A new fluorescent probe with a large turn-on signal for imaging nitroreductase in tumor cells and tissues by two-photon microscopy. <i>Biosensors and Bioelectronics</i> , 2017, 89, 853-858.	10.1	67
81	A novel mitochondria-targeted rhodamine analogue for the detection of viscosity changes in living cells, zebra fish and living mice. <i>Journal of Materials Chemistry B</i> , 2018, 6, 2894-2900.	5.8	67
82	Aurone Derivative Revealing the Metabolism of Lipid Droplets and Monitoring Oxidative Stress in Living Cells. <i>Analytical Chemistry</i> , 2020, 92, 6631-6636.	6.5	64
83	Noninvasive Cancer Diagnosis <i>in Vivo</i> Based on a Viscosity-Activated Near-Infrared Fluorescent Probe. <i>Analytical Chemistry</i> , 2021, 93, 2072-2081.	6.5	64
84	A dual-emission fluorescence-enhanced probe for imaging copper(II) ions in lysosomes. <i>Journal of Materials Chemistry B</i> , 2015, 3, 6746-6752.	5.8	63
85	Development of an enhanced turn-on fluorescent HOCl probe with a large Stokes shift and its use for imaging HOCl in cells and zebrafish. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 963-969.	7.8	62
86	A tumor-targeting and lysosome-specific two-photon fluorescent probe for imaging pH changes in living cells. <i>Journal of Materials Chemistry B</i> , 2017, 5, 988-995.	5.8	61
87	Hydrogen Sulfide Triggered Charge-Reversal Micelles for Cancer-Targeted Drug Delivery and Imaging. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 16227-16239.	8.0	60
88	A novel red light emissive two-photon fluorescent probe for hydrogen sulfide (H <sub>2</sub> S) in nucleolus region and its application for H <sub>2</sub> S detection in zebrafish and live mice. <i>Sensors and Actuators B: Chemical</i> , 2018, 256, 342-350.	7.8	60
89	Organic fluorescent probes for detecting mitochondrial membrane potential. <i>Coordination Chemistry Reviews</i> , 2020, 420, 213419.	18.8	60
90	A Dual-Channel Fluorescence-Enhanced Sensor for Aluminum Ions Based on Photoinduced Electron Transfer and Excimer Formation. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 3821-3825.	2.4	59

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91	Construction of a two-photon fluorescent turn-on probe for hydrogen persulfide and polysulfide and its bioimaging application in living mice. <i>Sensors and Actuators B: Chemical</i> , 2016, 230, 773-778.	7.8	59
92	A two-photon fluorescent turn-on probe for nitroxyl (HNO) and its bioimaging application in living tissues. <i>Chemical Communications</i> , 2015, 51, 5754-5757.	4.1	58
93	Two-photon fluorescence imaging of lipid drops polarity toward cancer diagnosis in living cells and tissue. <i>Sensors and Actuators B: Chemical</i> , 2019, 288, 251-258.	7.8	57
94	Development of a two-photon fluorescent turn-on probe with far-red emission for thiophenols and its bioimaging application in living tissues. <i>Biosensors and Bioelectronics</i> , 2017, 95, 81-86.	10.1	56
95	A molecular recognition platform for the simultaneous sensing of diverse chemical weapons. <i>Chemical Science</i> , 2022, 13, 4523-4532.	7.4	55
96	Development of a viscosity sensitive fluorescent probe for real-time monitoring of mitochondria viscosity. <i>New Journal of Chemistry</i> , 2017, 41, 11507-11511.	2.8	54
97	Development of Unique Xanthene-Cyanine Fused Near-Infrared Fluorescent Fluorophores with Superior Chemical Stability for Biological Fluorescence Imaging. <i>Chemistry - A European Journal</i> , 2015, 21, 733-745.	3.3	53
98	A mitochondrial-targeted two-photon fluorescent probe for imaging hydrogen sulfide in the living cells and mouse liver tissues. <i>Sensors and Actuators B: Chemical</i> , 2017, 248, 50-56.	7.8	53
99	A photocaged fluorescent probe for imaging hypochlorous acid in lysosomes. <i>Chemical Communications</i> , 2018, 54, 9238-9241.	4.1	52
100	A near-infrared emission fluorescent probe with multi-rotatable moieties for highly sensitive detection of mitochondrial viscosity in an inflammatory cell model. <i>Journal of Materials Chemistry B</i> , 2018, 6, 6212-6216.	5.8	51
101	Development of a Unique Class of Spiro-Type Two-Photon Functional Fluorescent Dyes and Their Applications for Sensing and Bioimaging. <i>Advanced Functional Materials</i> , 2016, 26, 8128-8136.	14.9	50
102	Preparation of a Nile Red-Pd-based fluorescent CO probe and its imaging applications in vitro and in vivo. <i>Nature Protocols</i> , 2018, 13, 1020-1033.	12.0	50
103	Unique D-A-A-D type fluorescent probes for the two-photon imaging of intracellular viscosity. <i>Journal of Materials Chemistry B</i> , 2018, 6, 381-385.	5.8	50
104	A turn-on endoplasmic reticulum-targeted two-photon fluorescent probe for hydrogen sulfide and bio-imaging applications in living cells, tissues, and zebrafish. <i>Scientific Reports</i> , 2017, 7, 12944.	3.3	49
105	A Coumarin-Based Chromogenic Sensor for Transition-Metal Ions Showing Ion-Dependent Bathochromic Shift. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 4981-4987.	2.4	48
106	A lysosome-targeted two-photon fluorescence probe for imaging of sulfur dioxide derivatives in living cells and zebrafish. <i>Sensors and Actuators B: Chemical</i> , 2018, 268, 157-163.	7.8	48
107	Development of a unique reversible fluorescent probe for tracking endogenous sulfur dioxide and formaldehyde fluctuation <i>in vivo</i> . <i>Chemical Communications</i> , 2019, 55, 11263-11266.	4.1	48
108	A novel near-infrared fluorescent probe with a large Stokes shift for biothiol detection and application in <i>in vitro</i> and <i>in vivo</i> fluorescence imaging. <i>Journal of Materials Chemistry B</i> , 2017, 5, 3836-3841.	5.8	47

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109	A dual-site controlled ratiometric probe revealing the simultaneous down-regulation of pH in lysosomes and cytoplasm during autophagy. <i>Chemical Communications</i> , 2019, 55, 10440-10443.	4.1	46
110	Single-/Dual-Responsive pH Fluorescent Probes Based on the Hybridization of Unconventional Fluorescence and Fluorophore for Imaging Lysosomal pH Changes in HeLa Cells. <i>Analytical Chemistry</i> , 2019, 91, 15213-15219.	6.5	46
111	Binding Reaction Sites to Polysiloxanes: Unique Fluorescent Probe for Reversible Detection of ClO <sup>-</sup> /GSH Pair and the in Situ Imaging in Live Cells and Zebrafish. <i>Analytical Chemistry</i> , 2019, 91, 1719-1723.	6.5	46
112	An Ultrasensitivity Fluorescent Probe Based on the ICT-FRET Dual Mechanisms for Imaging $\beta$ -Galactosidase in Vitro and ex Vivo. <i>Analytical Chemistry</i> , 2019, 91, 15591-15598.	6.5	45
113	A near-infrared and two-photon ratiometric fluorescent probe with a large Stokes shift for sulfur dioxide derivatives detection and its applications in vitro and in vivo. <i>Sensors and Actuators B: Chemical</i> , 2019, 288, 519-526.	7.8	45
114	Charge-Dependent Strategy Enables a Single Fluorescent Probe to Study the Interaction Relationship between Mitochondria and Lipid Droplets. <i>ACS Sensors</i> , 2021, 6, 1595-1603.	7.8	44
115	Development of green to near-infrared turn-on fluorescent probes for the multicolour imaging of nitroxyl in living systems. <i>Journal of Materials Chemistry B</i> , 2016, 4, 1263-1269.	5.8	43
116	Rational Design of a Rigid Fluorophore-Molecular Rotor-Based Probe for High Signal-to-Background Ratio Detection of Sulfur Dioxide in Viscous System. <i>Analytical Chemistry</i> , 2019, 91, 15220-15228.	6.5	43
117	Single fluorescent probes enabling simultaneous visualization of duple organelles: Design principles, mechanisms, and applications. <i>Coordination Chemistry Reviews</i> , 2022, 451, 214266.	18.8	43
118	Silicon-assisted unconventional fluorescence from organosilicon materials. <i>Coordination Chemistry Reviews</i> , 2021, 438, 213887.	18.8	41
119	Synthesis of <i>meso</i> -Coumarin-Conjugated Porphyrins and Investigation of Their Luminescence Properties. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 4301-4304.	2.4	40
120	Locked-flavylium fluorescent dyes with tunable emission wavelengths based on intramolecular charge transfer for multi-color ratiometric fluorescence imaging. <i>Chemical Communications</i> , 2015, 51, 6968-6971.	4.1	39
121	A multifunctional logic gate by means of a triple-chromophore fluorescent biothiol probe with diverse fluorescence signal patterns. <i>Chemical Communications</i> , 2017, 53, 13168-13171.	4.1	39
122	Development of a mitochondrial-targeted two-photon fluorescence turn-on probe for formaldehyde and its bio-imaging applications in living cells and tissues. <i>New Journal of Chemistry</i> , 2018, 42, 8325-8329.	2.8	39
123	Siloxane-Based Nanoporous Polymers with Narrow Pore-size Distribution for Cell Imaging and Explosive Detection. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 28979-28991.	8.0	39
124	A Model for Light-Triggered Porphyrin Anticancer Prodrugs Based on an <i>ortho</i> -Nitrobenzyl Photolabile Group. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 793-796.	2.4	38
125	A two-photon fluorescent probe with a large turn-on signal for imaging hydrogen sulfide in living tissues. <i>Analytica Chimica Acta</i> , 2015, 853, 548-554.	5.4	38
126	Reaction-Based Fluorescent Probes for the Imaging of Nitroxyl (HNO) in Biological Systems. <i>ACS Chemical Biology</i> , 2018, 13, 1714-1720.	3.4	38



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127	An ultrasensitive ratiometric fluorescent probe based on the ICT-PET-FRET mechanism for the quantitative measurement of pH values in the endoplasmic reticulum (ER). <i>Chemical Communications</i> , 2019, 55, 10776-10779.	4.1	38
128	Discriminating Cys from GSH/H <sub>2</sub> S in vitro and in vivo with a NIR fluorescent probe. <i>Sensors and Actuators B: Chemical</i> , 2020, 305, 127202.	7.8	38
129	A fluorescent dyad with large emission shift for discrimination of cysteine/homocysteine from glutathione and hydrogen sulfide and the application of bioimaging. <i>Analytica Chimica Acta</i> , 2017, 981, 86-93.	5.4	37
130	Simultaneously imaging of SO <sub>2</sub> in lysosomes and mitochondria based on a dual organelle-targeted fluorescent probe. <i>Sensors and Actuators B: Chemical</i> , 2019, 292, 80-87.	7.8	37
131	Construction of mitochondria-nucleolus shuttling fluorescent probe for the reversible detection of mitochondrial membrane potential. <i>Sensors and Actuators B: Chemical</i> , 2019, 292, 16-23.	7.8	36
132	Endoplasmic reticulum-targeted two-photon turn-on fluorescent probe for nitroreductase in tumor cells and tissues. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 204, 770-776.	3.9	35
133	Observation of the Elevation of Cholinesterase Activity in Brain Glioma by a Near-Infrared Emission Chemosensor. <i>Analytical Chemistry</i> , 2020, 92, 13405-13410.	6.5	35
134	Observation of endogenous HClO in living mice with inflammation, tissue injury and bacterial infection by a near-infrared fluorescent probe. <i>Sensors and Actuators B: Chemical</i> , 2021, 327, 128884.	7.8	35
135	A simple and effective "capping" approach to readily tune the fluorescence of near-infrared cyanines. <i>Chemical Science</i> , 2015, 6, 4530-4536.	7.4	34
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257	A new NIR emission mitochondrial targetable fluorescent probe and its application in detecting viscosity changes in mouse liver and kidney injury. <i>Talanta</i> , 2022, 249, 123647.	5.5	14
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