

# Lin Yuan

## List of Publications by Year in descending order

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147  
papers

15,265  
citations

22548

61  
h-index

20023

121  
g-index

152  
all docs

152  
docs citations

152  
times ranked

12006  
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.	18.7	1,634
2	FRET-Based Small-Molecule Fluorescent Probes: Rational Design and Bioimaging Applications. <i>Accounts of Chemical Research</i> , 2013, 46, 1462-1473.	7.6	834
3	Discerning the Chemistry in Individual Organelles with Small-Molecule Fluorescent Probes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13658-13699.	7.2	634
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.	6.6	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.	6.6	472
6	Development of Targetable Two-Photon Fluorescent Probes to Image Hypochlorous Acid in Mitochondria and Lysosome in Live Cell and Inflamed Mouse Model. <i>Journal of the American Chemical Society</i> , 2015, 137, 5930-5938.	6.6	472
7	Selective Visualization of the Endogenous Peroxynitrite in an Inflamed Mouse Model by a Mitochondria-Targetable Two-Photon Ratiometric Fluorescent Probe. <i>Journal of the American Chemical Society</i> , 2017, 139, 285-292.	6.6	407
8	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.	1.7	364
9	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.	6.6	356
10	A Ratiometric Fluorescent Probe for Cysteine and Homocysteine Displaying a Large Emission Shift. <i>Organic Letters</i> , 2008, 10, 5577-5580.	2.4	299
11	A General Method To Increase Stokes Shift by Introducing Alternating Vibronic Structures. <i>Journal of the American Chemical Society</i> , 2018, 140, 7716-7722.	6.6	290
12	High-Efficiency in Vitro and in Vivo Detection of $Zn^{2+}$ by Dye-Assembled Upconversion Nanoparticles. <i>Journal of the American Chemical Society</i> , 2015, 137, 2336-2342.	6.6	233
13	De Novo Design of Chemical Stability Near-Infrared Molecular Probes for High-Fidelity Hepatotoxicity Evaluation In Vivo. <i>Journal of the American Chemical Society</i> , 2019, 141, 6352-6361.	6.6	230
14	A mitochondria-targeted ratiometric fluorescent probe to monitor endogenously generated sulfur dioxide derivatives in living cells. <i>Biomaterials</i> , 2015, 56, 1-9.	5.7	228
15	A ratiometric fluorescent probe for specific detection of cysteine over homocysteine and glutathione based on the drastic distinction in the kinetic profiles. <i>Chemical Communications</i> , 2011, 47, 6275.	2.2	227
16	Hemicyanine-based High Resolution Ratiometric near-Infrared Fluorescent Probe for Monitoring pH Changes in Vivo. <i>Analytical Chemistry</i> , 2015, 87, 2495-2503.	3.2	215
17	Development of an ICT-based ratiometric fluorescent hypochlorite probe suitable for living cell imaging. <i>Chemical Communications</i> , 2011, 47, 12691.	2.2	213
18	Construction of a FRET-based ratiometric fluorescent thiol probe. <i>Chemical Communications</i> , 2011, 47, 893-895.	2.2	213

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19	Development of FRET-Based Ratiometric Fluorescent Cu <sup>2+</sup> Chemodosimeters and the Applications for Living Cell Imaging. <i>Organic Letters</i> , 2012, 14, 432-435.	2.4	194
20	Real-Time In Vivo Hepatotoxicity Monitoring through Chromophore-Conjugated Photon-Upconverting Nanoprobes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4165-4169.	7.2	178
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.	7.2	176
22	A General Strategy for Development of Activatable NIR-Fluorescent Probes for In Vivo High-Contrast Bioimaging. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 800-805.	7.2	169
23	A highly selective and sensitive fluorescent probe for Hg <sup>2+</sup> imaging in live cells based on a rhodamine-thioamide-alkyne scaffold. <i>Chemical Communications</i> , 2010, 46, 3529.	2.2	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.	1.7	167
25	A Multisite-Binding Switchable Fluorescent Probe for Monitoring Mitochondrial ATP Level Fluctuation in Live Cells. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1773-1776.	7.2	158
26	Rational Design of a Highly Reactive Ratiometric Fluorescent Probe for Cyanide. <i>Organic Letters</i> , 2011, 13, 3730-3733.	2.4	152
27	Investigation of Drug-Induced Hepatotoxicity and Its Remediation Pathway with Reaction-Based Fluorescent Probes. <i>Analytical Chemistry</i> , 2017, 89, 7693-7700.	3.2	152
28	A mitochondrial-targeted prodrug for NIR imaging guided and synergetic NIR photodynamic-chemo cancer therapy. <i>Chemical Science</i> , 2017, 8, 7689-7695.	3.7	152
29	Construction of Fluorescent Probes Via Protection/Deprotection of Functional Groups: A Ratiometric Fluorescent Probe for Cu <sup>2+</sup> . <i>Chemistry - A European Journal</i> , 2009, 15, 1030-1035.	1.7	148
30	A novel ratiometric fluorescent Fe <sup>3+</sup> sensor based on a phenanthroimidazole chromophore. <i>Analytica Chimica Acta</i> , 2009, 634, 262-266.	2.6	140
31	Design Strategy of Fluorescent Probes for Live Drug-Induced Acute Liver Injury Imaging. <i>Accounts of Chemical Research</i> , 2021, 54, 403-415.	7.6	120
32	Development of a near-infrared fluorescent probe for monitoring hydrazine in serum and living cells. <i>Analytical Methods</i> , 2013, 5, 3450.	1.3	119
33	Ratiometric fluorescent detection of intracellular hydroxyl radicals based on a hybrid coumarin-cyanine platform. <i>Chemical Communications</i> , 2010, 46, 7930.	2.2	118
34	A coumarin-quinolinium-based fluorescent probe for ratiometric sensing of sulfite in living cells. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 4637.	1.5	110
35	A cell membrane-anchored fluorescent probe for monitoring carbon monoxide release from living cells. <i>Chemical Science</i> , 2019, 10, 320-325.	3.7	106
36	Light-Up Lipid Droplets Dynamic Behaviors Using a Red-Emitting Fluorogenic Probe. <i>Analytical Chemistry</i> , 2020, 92, 3613-3619.	3.2	104

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37	Analogues of Changsha near-infrared dyes with large Stokes Shifts for bioimaging. <i>Biomaterials</i> , 2013, 34, 9566-9571.	5.7	103
38	Engineering a FRET strategy to achieve a ratiometric two-photon fluorescence response with a large emission shift and its application to fluorescence imaging. <i>Chemical Science</i> , 2015, 6, 2360-2365.	3.7	101
39	Lighting up Carbon Monoxide: Fluorescent Probes for Monitoring CO in Living Cells. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1628-1630.	7.2	97
40	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.	7.8	93
41	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.	7.2	92
42	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.	2.0	92
43	Visualization of oxidative injury in the mouse kidney using selective superoxide anion fluorescent probes. <i>Chemical Science</i> , 2018, 9, 7606-7613.	3.7	92
44	A Bioluminescent Probe for Imaging Endogenous Peroxynitrite in Living Cells and Mice. <i>Analytical Chemistry</i> , 2018, 90, 4167-4173.	3.2	91
45	A rational approach to tuning the pKa values of rhodamines for living cell fluorescence imaging. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 1723.	1.5	90
46	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.	1.5	89
47	Enhancing the Anti-Solvatochromic Two-Photon Fluorescence for Cirrhosis Imaging by Forming a Hydrogen-Bond Network. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7473-7477.	7.2	85
48	Visualization of Endoplasmic Reticulum Aminopeptidase 1 under Different Redox Conditions with a Two-Photon Fluorescent Probe. <i>Analytical Chemistry</i> , 2017, 89, 7641-7648.	3.2	83
49	Development of FRET-Based Dual-Excitation Ratiometric Fluorescent pH Probes and Their Photocaged Derivatives. <i>Chemistry - A European Journal</i> , 2012, 18, 1247-1255.	1.7	82
50	A fast-responsive fluorescent probe for detection of gold ions in water and synthetic products. <i>Chemical Communications</i> , 2011, 47, 4703.	2.2	81
51	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.	1.5	80
52	Development of a Highly Selective, Sensitive, and Fast Response Upconversion Luminescent Platform for Hydrogen Sulfide Detection. <i>Advanced Functional Materials</i> , 2016, 26, 191-199.	7.8	79
53	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.	1.2	76
54	Progress and Perspective of Solid-State Organic Fluorophores for Biomedical Applications. <i>Journal of the American Chemical Society</i> , 2021, 143, 21143-21160.	6.6	76

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55	Development of a ratiometric fluorescent sensor for ratiometric imaging of endogenously produced nitric oxide in macrophage cells. <i>Chemical Communications</i> , 2011, 47, 9372.	2.2	74
56	Boronic Acid: A Bio-Inspired Strategy To Increase the Sensitivity and Selectivity of Fluorescent NADH Probe. <i>Journal of the American Chemical Society</i> , 2016, 138, 10394-10397.	6.6	74
57	An efficient two-photon fluorescent probe for monitoring mitochondrial singlet oxygen in tissues during photodynamic therapy. <i>Chemical Communications</i> , 2016, 52, 12330-12333.	2.2	72
58	A "Double-Locked" and enzyme-activated molecular probe for accurate bioimaging and hepatopathy differentiation. <i>Chemical Science</i> , 2019, 10, 10931-10936.	3.7	72
59	Design of NIR Chromenylum-Cyanine Fluorophore Library for "Switch-ON" and Ratiometric Detection of Bio-Active Species In Vivo. <i>Analytical Chemistry</i> , 2016, 88, 1842-1849.	3.2	70
60	DNA mimics of red fluorescent proteins (RFP) based on G-quadruplex-confined synthetic RFP chromophores. <i>Nucleic Acids Research</i> , 2017, 45, 10380-10392.	6.5	70
61	A general strategy for development of a single benzene fluorophore with full-color-tunable, environmentally insensitive, and two-photon solid-state emission. <i>Chemical Communications</i> , 2019, 55, 11462-11465.	2.2	64
62	A two-photon fluorescent probe for bio-imaging of formaldehyde in living cells and tissues. <i>Analyst</i> , 2016, 141, 3395-3402.	1.7	63
63	Engineering a Reversible Fluorescent Probe for Real-Time Live-Cell Imaging and Quantification of Mitochondrial ATP. <i>Analytical Chemistry</i> , 2020, 92, 4681-4688.	3.2	63
64	Fluorescence enhancement of coumarin-quinoline by transition metal ions: Detection of paramagnetic Ni <sup>2+</sup> and Co <sup>2+</sup> . <i>Dyes and Pigments</i> , 2009, 83, 14-20.	2.0	62
65	Detection of analytes in mitochondria without interference from other sites based on an innovative ratiometric fluorophore. <i>Chemical Science</i> , 2018, 9, 5461-5466.	3.7	61
66	Recent progress in utilizing near-infrared J-aggregates for imaging and cancer therapy. <i>Materials Chemistry Frontiers</i> , 2021, 5, 1076-1089.	3.2	61
67	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.	1.2	59
68	Recent advances in molecular fluorescent probes for organic phosphate biomolecules recognition. <i>Chinese Chemical Letters</i> , 2019, 30, 1775-1790.	4.8	58
69	High-Selectivity Fluorescent Reporter toward Peroxynitrite in a Coexisting Nonalcoholic Fatty Liver and Drug-Induced Liver Diseases Model. <i>Analytical Chemistry</i> , 2020, 92, 11396-11404.	3.2	55
70	NIRI-CHDs: A Versatile Platform for Developing Activatable NIR-Fluorogenic Probes for Reliable In Vivo Analyte Sensing. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	55
71	Development of a reversible fluorescent gold sensor with high selectivity. <i>Chemical Communications</i> , 2011, 47, 12506.	2.2	53
72	Wahrnehmung der chemischen Prozesse in einzelnen Organellen mit niedermolekularen Fluoreszenzsonden. <i>Angewandte Chemie</i> , 2016, 128, 13858-13902.	1.6	53

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73	Rational Engineering of Bioinspired Anthocyanidin Fluorophores with Excellent Two-Photon Properties for Sensing and Imaging. <i>Analytical Chemistry</i> , 2017, 89, 11427-11434.	3.2	52
74	Cu(I)-Catalyzed 6-endo-dig Cyclization of Terminal Alkynes, 2-Bromoaryl Ketones, and Amides toward 1-Naphthylamines: Applications and Photophysical Properties. <i>Journal of the American Chemical Society</i> , 2019, 141, 2535-2544.	6.6	52
75	Molecular engineering of organic-based agents for <i>in situ</i> bioimaging and phototherapeutics. <i>Chemical Society Reviews</i> , 2021, 50, 11766-11784.	18.7	52
76	In vivo imaging of alkaline phosphatase in tumor-bearing mouse model by a promising near-infrared fluorescent probe. <i>Talanta</i> , 2017, 175, 421-426.	2.9	51
77	A Native Chemical Ligation Mechanism-Based Ratiometric Fluorescent Probe for Amino Thiols. <i>Chemistry - A European Journal</i> , 2012, 18, 14520-14526.	1.7	50
78	Chromophore-Modified Highly Selective Ratiometric Upconversion Nanoprobes for Detection of ONOO <sup>-</sup> -Related Hepatotoxicity In Vivo. <i>Small</i> , 2019, 15, e1902737.	5.2	50
79	A synergistic strategy to develop photostable and bright dyes with long Stokes shift for nanoscopy. <i>Nature Communications</i> , 2022, 13, 2264.	5.8	49
80	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.	1.2	48
81	Dual-Stimulus Responsive Near-Infrared Reversible Ratiometric Fluorescent and Photoacoustic Probe for <i>In Vivo</i> Tumor Imaging. <i>Analytical Chemistry</i> , 2021, 93, 5420-5429.	3.2	48
82	Photocontrollable Analyte-Responsive Fluorescent Probes: A Photocaged Copper-Responsive Fluorescence Turn-On Probe. <i>Chemistry - A European Journal</i> , 2011, 17, 689-696.	1.7	47
83	Reaction-based fluorescent probe for hydrogen sulfide with large signal-to-noise ratio in living cells and tissues. <i>Sensors and Actuators B: Chemical</i> , 2014, 196, 151-155.	4.0	47
84	Evolving a Unique Red-Emitting Fluorophore with an Optically Tunable Hydroxy Group for Imaging Nitroreductase in Cells, in Tissues, and in Vivo. <i>Analytical Chemistry</i> , 2019, 91, 15974-15981.	3.2	47
85	A novel ratiometric and reversible fluorescence probe with a large Stokes shift for Cu <sup>2+</sup> based on a new clamp-on unit. <i>Analytica Chimica Acta</i> , 2019, 1065, 134-141.	2.6	46
86	Learning from Artemisinin: Bioinspired Design of a Reaction-Based Fluorescent Probe for the Selective Sensing of Labile Heme in Complex Biosystems. <i>Journal of the American Chemical Society</i> , 2020, 142, 2129-2133.	6.6	46
87	Recent advances in organic-dye-based photoacoustic probes for biosensing and bioimaging. <i>Science China Chemistry</i> , 2019, 62, 1275-1285.	4.2	44
88	A de novo strategy to develop NIR precipitating fluorochrome for long-term <i>in situ</i> cell membrane bioimaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	44
89	Engineering a nanolab for the determination of lysosomal nitric oxide by the rational design of a pH-activatable fluorescent probe. <i>Chemical Science</i> , 2016, 7, 1920-1925.	3.7	43
90	Engineering dithiobenzoic acid lactone-decorated Si-rhodamine as a highly selective near-infrared HOCl fluorescent probe for imaging drug-induced acute nephrotoxicity. <i>Chemical Communications</i> , 2019, 55, 10916-10919.	2.2	43

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91	Imaging of peroxynitrite in drug-induced acute kidney injury with a near-infrared fluorescence and photoacoustic dual-modal molecular probe. <i>Chemical Communications</i> , 2020, 56, 8103-8106.	2.2	43
92	Enhancing the Release Efficiency of a Molecular Chemotherapeutic Prodrug by Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	43
93	Lesson from Nature: Biomimetic Self-Assembling Phthalocyanines for High-Efficient Photothermal Therapy within the Biological Transparent Window. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 3800-3808.	4.0	42
94	pH stimulus-disaggregated BODIPY: an activated photodynamic/photothermal sensitizer applicable to tumor ablation. <i>Chemical Communications</i> , 2020, 56, 1956-1959.	2.2	42
95	FRET-Based Mitochondria-Targetable Dual-Excitation Ratiometric Fluorescent Probe for Monitoring Hydrogen Sulfide in Living Cells. <i>Chemistry - an Asian Journal</i> , 2014, 9, 1544-1549.	1.7	40
96	A Multisite-Binding Switchable Fluorescent Probe for Monitoring Mitochondrial ATP Level Fluctuation in Live Cells. <i>Angewandte Chemie</i> , 2016, 128, 1805-1808.	1.6	38
97	A fluorescence turn-on probe for iodide based on the redox reaction between cupric and iodide. <i>Sensors and Actuators B: Chemical</i> , 2009, 138, 637-641.	4.0	37
98	A General Strategy for Development of Activatable NIR-Fluorescent Probes for In Vivo High-Contrast Bioimaging. <i>Angewandte Chemie</i> , 2021, 133, 813-818.	1.6	35
99	A rational approach to emission ratio enhancement of chemodosimeters via regulation of intramolecular charge transfer. <i>Tetrahedron Letters</i> , 2008, 49, 6585-6588.	0.7	33
100	Molecular engineering of ultra-sensitive fluorescent probe with large Stokes shift for imaging of basal HOCl in tumor cells and tissues. <i>Chinese Chemical Letters</i> , 2020, 31, 2980-2984.	4.8	33
101	Highly Selective Fluorescent Probe Design for Visualizing Hepatic Hydrogen Sulfide in the Pathological Progression of Nonalcoholic Fatty Liver. <i>Analytical Chemistry</i> , 2021, 93, 16673-16682.	3.2	33
102	A Selective Near-Infrared Fluorescent Probe for In Vivo Imaging of Thiophenols from a Focused Library. <i>Chemistry - an Asian Journal</i> , 2016, 11, 3575-3582.	1.7	31
103	A long wavelength emission two-photon fluorescent probe for highly selective detection of cysteine in living cells and an inflamed mouse model. <i>Journal of Materials Chemistry B</i> , 2019, 7, 3970-3975.	2.9	29
104	Tumor-acidity activated surface charge conversion of two-photon fluorescent nanoprobe for enhanced cellular uptake and targeted imaging of intracellular hydrogen peroxide. <i>Chemical Science</i> , 2019, 10, 9351-9357.	3.7	28
105	Precipitated Fluorophore-Based Molecular Probe for <i>In Situ</i> Imaging of Aminopeptidase N in Living Cells and Tumors. <i>Analytical Chemistry</i> , 2021, 93, 6463-6471.	3.2	28
106	Engineering a highly selective probe for ratiometric imaging of H <sub>2</sub> S and revealing its signaling pathway in fatty liver disease. <i>Chemical Science</i> , 2020, 11, 7991-7999.	3.7	27
107	Construction of a fluorine substituted chromenylum-cyanine near-infrared fluorophore for ratiometric sensing. <i>Sensors and Actuators B: Chemical</i> , 2018, 259, 219-225.	4.0	26
108	Achieving the ratiometric imaging of steroid sulfatase in living cells and tissues with a two-photon fluorescent probe. <i>Chemical Communications</i> , 2020, 56, 1349-1352.	2.2	26

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109	Engineering of Reversible Luminescent Probes for Real-Time Intravital Imaging of Liver Injury and Repair. <i>CCS Chemistry</i> , 2022, 4, 356-368.	4.6	26
110	Rational design of far red to near-infrared rhodamine analogues with huge Stokes shifts for single-laser excitation multicolor imaging. <i>Chinese Chemical Letters</i> , 2021, 32, 3890-3894.	4.8	25
111	Precipitated Fluorophore-Based Probe for Accurate Detection of Mitochondrial Analytes. <i>Analytical Chemistry</i> , 2021, 93, 2235-2243.	3.2	25
112	Nanoscale zeolitic imidazole framework-90: selective, sensitive and dual-excitation ratiometric fluorescent detection of hazardous Cr(VI) anions in aqueous media. <i>New Journal of Chemistry</i> , 2018, 42, 12549-12556.	1.4	24
113	An Integration Strategy to Develop Dual-State Luminophores with Tunable Spectra, Large Stokes Shift, and Activatable Fluorescence for High-Contrast Imaging. <i>CCS Chemistry</i> , 2022, 4, 2153-2164.	4.6	24
114	Coumarin-Caged Rosamine Probes Based on a Unique Intramolecular Carbon-Carbon Spirocyclization. <i>Chemistry - A European Journal</i> , 2010, 16, 3914-3917.	1.7	23
115	A unique off-on near-infrared QCy7-derived probe for selective detection and imaging of hydrogen sulfide in cells and <i>in vivo</i> . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 226, 117635.	2.0	23
116	A new fluorescent probe with ultralow background fluorescence for imaging of endogenous cellular selenol under oxidative stress. <i>Chinese Chemical Letters</i> , 2017, 28, 1987-1990.	4.8	22
117	A bioluminescent probe for imaging endogenous hydrogen polysulfides in live cells and a murine model of bacterial infection. <i>Chemical Communications</i> , 2019, 55, 4487-4490.	2.2	22
118	Towards perylenequinonoid: Effective application to reversible fluorescent probe for monitoring hydrogen persulfide in solvents and living cells. <i>Talanta</i> , 2017, 164, 529-533.	2.9	21
119	Real-Time <i>In vivo</i> Hepatotoxicity Monitoring through Chromophore-Conjugated Photon-Upconverting Nanoprobes. <i>Angewandte Chemie</i> , 2017, 129, 4229-4233.	1.6	19
120	A highly selective ratiometric molecular probe for imaging peroxynitrite during drug-induced acute liver injury. <i>Journal of Materials Chemistry B</i> , 2021, 9, 8246-8252.	2.9	18
121	Activatable photoacoustic/fluorescent dual-modal probe for monitoring of drug-induced liver hypoxia <i>in vivo</i> . <i>Chemical Communications</i> , 2021, 57, 8644-8647.	2.2	18
122	Molecular design strategy to alleviate environmental interference on two-photon fluorescence probes. <i>Cell Reports Physical Science</i> , 2021, 2, 100471.	2.8	17
123	Engineering a Ratiometric Photoacoustic Probe with a Hepatocyte-Specific Targeting Ability for Liver Injury Imaging. <i>Analytical Chemistry</i> , 2022, 94, 1474-1481.	3.2	17
124	Molecular Engineering of Novel Fluorophores for High-Contrast Bioimaging. <i>Chinese Journal of Chemistry</i> , 2022, 40, 1073-1082.	2.6	16
125	An ESIP-Based Ratiometric Fluorescent Probe for Highly Sensitive and Rapid Detection of Sulfite in Living Cells. <i>ChemistryOpen</i> , 2019, 8, 1251-1257.	0.9	13
126	Donor and Ring-Fusing Engineering for Far-Red to Near-Infrared Triphenylpyrylium Fluorophores with Enhanced Fluorescence Performance for Sensing and Imaging. <i>Chemistry - A European Journal</i> , 2019, 25, 6973-6979.	1.7	13



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127	Cell membranes targeted unimolecular prodrug for programmatic photodynamic-chemo therapy. <i>Theranostics</i> , 2021, 11, 3502-3511.	4.6	12
128	Advances in Optical Imaging of Nonalcoholic Fatty Liver Disease. <i>Chemistry - an Asian Journal</i> , 2022, 17, .	1.7	12
129	Recent Progresses in NIR-I/II Fluorescence Imaging for Surgical Navigation. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 768698.	2.0	11
130	Double Functional Group Transformations for Fluorescent Probe Construction: A Fluorescence Turnâ€œOn Probe for Thioureas. <i>Chemistry - A European Journal</i> , 2010, 16, 6454-6457.	1.7	10
131	Enhancing the Antiâ€œSolvatochromic Twoâ€œPhoton Fluorescence for Cirrhosis Imaging by Forming a Hydrogenâ€œBond Network. <i>Angewandte Chemie</i> , 2018, 130, 7595-7599.	1.6	10
132	Molecular Fluorescent Probes for Liver Tumor Imaging. <i>Chemistry - an Asian Journal</i> , 2022, 17, .	1.7	10
133	A Unique Multifunctional Luminescent Probe for Self-Monitoring Photodynamic Therapy by Detecting $H_2S$ in Cancer Cells. <i>ACS Applied Bio Materials</i> , 2021, 4, 6016-6022.	2.3	9
134	NIRIIâ€œHDS: A Versatile Platform for Developing Activatable NIRâ€œII Fluorogenic Probes for Reliable In Vivo Analyte Sensing. <i>Angewandte Chemie</i> , 0, , .	1.6	9
135	4-(2,2â€œ-Bipyridine-5-yl)benzaldehyde as a novel fluorescent reagent for Zn <sup>2+</sup> with emission in the near-infrared region. <i>Sensors and Actuators B: Chemical</i> , 2009, 135, 512-515.	4.0	8
136	Revealing Minor pH Changes of Mitochondria by a Highly Sensitive Molecular Fluorescent Probe. <i>Chemistry - an Asian Journal</i> , 2021, 16, 342-347.	1.7	8
137	High-fidelity imaging of lysosomal enzyme through in situ ordered assembly of small molecular fluorescent probes. <i>Biomaterials</i> , 2022, 287, 121657.	5.7	7
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