

Weiying Lin

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

346
papers

15,524
citations

64
h-index

114
g-index

361
ext. papers

18,300
ext. citations

7.7
avg, IF

7.38
L-index

#	Paper	IF	Citations
346	Far-red to near infrared analyte-responsive fluorescent probes based on organic fluorophore platforms for fluorescence imaging. <i>Chemical Society Reviews</i> , 2013 , 42, 622-61	58.5	1404
345	FRET-based small-molecule fluorescent probes: rational design and bioimaging applications. <i>Accounts of Chemical Research</i> , 2013 , 46, 1462-73	24.3	696
344	A unique approach to development of near-infrared fluorescent sensors for in vivo imaging. <i>Journal of the American Chemical Society</i> , 2012 , 134, 13510-23	16.4	452
343	Coumarin-Based Small-Molecule Fluorescent Chemosensors. <i>Chemical Reviews</i> , 2019 , 119, 10403-10519	68.1	437
342	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, 1200-11	16.4	378
341	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, 5096-103	4.8	339
340	Single fluorescent probe responds to H ₂ O ₂ , NO, and H ₂ O ₂ /NO with three different sets of fluorescence signals. <i>Journal of the American Chemical Society</i> , 2012 , 134, 1305-15	16.4	318
339	Development of fluorescent probes based on protection-deprotection of the key functional groups for biological imaging. <i>Chemical Society Reviews</i> , 2015 , 44, 5003-15	58.5	313
338	Fluorescent chemosensors manipulated by dual/triple interplaying sensing mechanisms. <i>Chemical Society Reviews</i> , 2016 , 45, 6449-6461	58.5	285
337	A ratiometric fluorescent probe for cysteine and homocysteine displaying a large emission shift. <i>Organic Letters</i> , 2008 , 10, 5577-80	6.2	277
336	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, 10529-31	5.8	258
335	Development of a Two-Photon Fluorescent Probe for Imaging of Endogenous Formaldehyde in Living Tissues. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 3356-9	16.4	226
334	A ratiometric fluorescent probe for hypochlorite based on a deoxygenation reaction. <i>Chemistry - A European Journal</i> , 2009 , 15, 2305-9	4.8	216
333	A Unique "Integration" Strategy for the Rational Design of Optically Tunable Near-Infrared Fluorophores. <i>Accounts of Chemical Research</i> , 2017 , 50, 1410-1422	24.3	211
332	Development of an ICT-based ratiometric fluorescent hypochlorite probe suitable for living cell imaging. <i>Chemical Communications</i> , 2011 , 47, 12691-3	5.8	193
331	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, 4085-91	7.8	187
330	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	9.4	184

329	Simultaneous Near-Infrared and Two-Photon In Vivo Imaging of H ₂ O Using a Ratiometric Fluorescent Probe based on the Unique Oxidative Rearrangement of Oxonium. <i>Advanced Materials</i> , 2016 , 28, 8755-8759	24	173
328	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, 3529-31	5.8	160
327	A highly sensitive fluorescent probe for detection of benzenethiols in environmental samples and living cells. <i>Chemical Communications</i> , 2010 , 46, 1503-5	5.8	160
326	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, 375-9	16.4	159
325	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, 2700-6	4.8	155
324	Single Fluorescent Probe for Dual-Imaging Viscosity and HO in Mitochondria with Different Fluorescence Signals in Living Cells. <i>Analytical Chemistry</i> , 2017 , 89, 552-555	7.8	144
323	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, 1030-5	4.8	139
322	A novel ratiometric fluorescent Fe ³⁺ sensor based on a phenanthroimidazole chromophore. <i>Analytica Chimica Acta</i> , 2009 , 634, 262-6	6.6	131
321	Coumarin-Based Turn-On Fluorescence Probe for Specific Detection of Glutathione over Cysteine and Homocysteine. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 12809-13	9.5	125
320	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	9.4	122
319	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	9.4	115
318	Lysosome-Targeted Turn-On Fluorescent Probe for Endogenous Formaldehyde in Living Cells. <i>Analytical Chemistry</i> , 2016 , 88, 9359-9363	7.8	114
317	A fast responsive two-photon fluorescent probe for imaging H ₂ O ₂ in lysosomes with a large turn-on fluorescence signal. <i>Biosensors and Bioelectronics</i> , 2016 , 79, 237-43	11.8	108
316	Development of a near-infrared fluorescent probe for monitoring hydrazine in serum and living cells. <i>Analytical Methods</i> , 2013 , 5, 3450	3.2	108
315	Strategies for designing organic fluorescent probes for biological imaging of reactive carbonyl species. <i>Chemical Society Reviews</i> , 2019 , 48, 4036-4048	58.5	102
314	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	14.6	102
313	A coumarin-quinolinium-based fluorescent probe for ratiometric sensing of sulfite in living cells. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 4637-43	3.9	98
312	Fluorescence turn-on detection of Cu ²⁺ in water samples and living cells based on the unprecedented copper-mediated dihydrorosamine oxidation reaction. <i>Chemical Communications</i> , 2010 , 46, 1311-3	5.8	98

- 311 Rational Design of a Robust Fluorescent Probe for the Detection of Endogenous Carbon Monoxide in Living Zebrafish Embryos and Mouse Tissue. *Angewandte Chemie - International Edition*, **2017**, 56, 13489-13492 16.4 96
- 310 A ratiometric fluorescent formaldehyde probe for bioimaging applications. *Chemical Communications*, **2016**, 52, 4029-32 5.8 95
- 309 Fluorescent Probes for the Visualization of Cell Viability. *Accounts of Chemical Research*, **2019**, 52, 2147-2157 11.5 93
- 308 A new strategy to construct a FRET platform for ratiometric sensing of hydrogen sulfide. *Chemical Communications*, **2015**, 51, 1510-3 5.8 92
- 307 Improved Aromatic Substitution-Rearrangement-Based Ratiometric Fluorescent Cysteine-Specific Probe and Its Application of Real-Time Imaging under Oxidative Stress in Living Zebrafish. *Analytical Chemistry*, **2017**, 89, 9567-9573 7.8 89
- 306 A unique family of rigid analogues of the GFP chromophore with tunable two-photon action cross-sections for biological imaging. *Angewandte Chemie - International Edition*, **2013**, 52, 10018-22 16.4 88
- 305 Analogs of Changsha near-infrared dyes with large Stokes Shifts for bioimaging. *Biomaterials*, **2013**, 34, 9566-71 15.6 88
- 304 Lighting up carbon monoxide: fluorescent probes for monitoring CO in living cells. *Angewandte Chemie - International Edition*, **2013**, 52, 1628-30 16.4 86
- 303 A Fluorescent Cobalt Probe with a Large Ratiometric Fluorescence Response via Modulation of Energy Acceptor Molar Absorptivity on Metal Ion Binding. *Advanced Functional Materials*, **2008**, 18, 2366-2372 15.6 84
- 302 Construction of a Near-Infrared Fluorescent Turn-On Probe for Selenol and Its Bioimaging Application in Living Animals. *Chemistry - A European Journal*, **2015**, 21, 11696-700 4.8 82
- 301 A rational approach to tuning the pKa values of rhodamines for living cell fluorescence imaging. *Organic and Biomolecular Chemistry*, **2011**, 9, 1723-6 3.9 82
- 300 Construction of a near-infrared fluorescence turn-on and ratiometric probe for imaging palladium in living cells. *Organic and Biomolecular Chemistry*, **2013**, 11, 1938-41 3.9 81
- 299 A biotin-guided formaldehyde sensor selectively detecting endogenous concentrations in cancerous cells and tissues. *Chemical Communications*, **2016**, 52, 11247-11250 5.8 80
- 298 Mitochondria and lysosome-targetable fluorescent probes for HOCl: recent advances and perspectives. *Journal of Materials Chemistry B*, **2018**, 6, 1716-1733 7.3 79
- 297 Development of a near-infrared fluorescent probe for imaging of endogenous Cu⁺ in live cells. *Chemical Communications*, **2012**, 48, 6247-9 5.8 79
- 296 Development of FRET-based dual-excitation ratiometric fluorescent pH probes and their photocaged derivatives. *Chemistry - A European Journal*, **2012**, 18, 1247-55 4.8 78
- 295 Development of a ratiometric fluorescent pH probe for cell imaging based on a coumarinquinoline platform. *Dyes and Pigments*, **2013**, 99, 465-471 4.6 78
- 294 A lysosome-targeted and ratiometric fluorescent probe for imaging exogenous and endogenous hypochlorous acid in living cells. *Journal of Materials Chemistry B*, **2016**, 4, 4739-4745 7.3 77

293	A reversible fluorescent Hg ²⁺ 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, 3618-20	3.9	77
292	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	7.8	76
291	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	7.8	73
290	Development of a new rhodamine-based FRET platform and its application as a Cu ²⁺ probe. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 3944-9	3.9	73
289	An ultra-fast illuminating fluorescent probe for monitoring formaldehyde in living cells, shiitake mushrooms, and indoors. <i>Chemical Communications</i> , 2016 , 52, 9582-5	5.8	71
288	A Fluorescence-Enhanced Chemodosimeter for Fe ³⁺ Based on Hydrolysis of Bis(coumarinyl) Schiff Base. <i>European Journal of Organic Chemistry</i> , 2008 , 2008, 2689-2692	3.2	71
287	Single Fluorescent Probe Separately and Continuously Visualize HS and HClO in Lysosomes with Different Fluorescence Signals. <i>Analytical Chemistry</i> , 2019 , 91, 2932-2938	7.8	71
286	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	5.8	70
285	Rational design of a lipid-droplet-polarity based fluorescent probe for potential cancer diagnosis. <i>Chemical Communications</i> , 2018 , 54, 12093-12096	5.8	69
284	A fast-responsive fluorescent probe for detection of gold ions in water and synthetic products. <i>Chemical Communications</i> , 2011 , 47, 4703-5	5.8	68
283	Three-channel fluorescent sensing via organic white light-emitting dyes for detection of hydrogen sulfide in living cells. <i>Biomaterials</i> , 2013 , 34, 7429-36	15.6	67
282	A phenanthroimidazole-based fluorescent chemosensor for imaging hydrogen sulfide in living cells. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 9683-8	3.9	62
281	A TICT-based fluorescent probe for rapid and specific detection of hydrogen sulfide and its bio-imaging applications. <i>Chemical Communications</i> , 2016 , 52, 6415-8	5.8	60
280	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, 7016-9	5.8	60
279	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	16.4	60
278	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	11.8	59
277	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	3.2	59
276	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	8.5	57

275	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	7.8	55
274	A dual-emission fluorescence-enhanced probe for imaging copper(ii) ions in lysosomes. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 6746-6752	7.3	54
273	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	7.3	53
272	A novel near-infrared fluorescent probe for H ₂ O ₂ in alkaline environment and the application for H ₂ O ₂ imaging in vitro and in vivo. <i>Biomaterials</i> , 2016 , 100, 162-71	15.6	53
271	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	8.5	53
270	Ratiometric Imaging of Cysteine Level Changes in Endoplasmic Reticulum during HO-Induced Redox Imbalance. <i>Analytical Chemistry</i> , 2019 , 91, 5513-5516	7.8	52
269	A two-photon fluorescent turn-on probe for nitroxyl (HNO) and its bioimaging application in living tissues. <i>Chemical Communications</i> , 2015 , 51, 5754-7	5.8	52
268	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	7.3	48
267	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	8.5	48
266	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, 733-45	4.8	48
265	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	8.5	47
264	Hydrogen Sulfide Triggered Charge-Reversal Micelles for Cancer-Targeted Drug Delivery and Imaging. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 16227-39	9.5	47
263	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	7.3	46
262	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	7.8	46
261	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	11.8	45
260	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	3.2	41
259	A novel near-infrared fluorescent probe with a large Stokes shift for biothiol detection and application in in vitro and in vivo fluorescence imaging. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 3836-3841	7.3	40
258	A novel red light emissive two-photon fluorescent probe for hydrogen sulfide (H ₂ S) in nucleolus region and its application for H ₂ S detection in zebrafish and live mice. <i>Sensors and Actuators B: Chemical</i> , 2018 , 256, 342-350	8.5	40

257	Synthesis of meso-Coumarin-Conjugated Porphyrins and Investigation of Their Luminescence Properties. <i>European Journal of Organic Chemistry</i> , 2007 , 2007, 4301-4304	3.2	40
256	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	8.5	38
255	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	4.9	38
254	Small molecule based fluorescent chemosensors for imaging the microenvironment within specific cellular regions. <i>Chemical Society Reviews</i> , 2021 , 50, 12098-12150	58.5	38
253	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	7.3	37
252	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	15.6	37
251	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	18.8	36
250	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	8.5	36
249	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	8.5	35
248	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	7.3	35
247	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, 6968-71	5.8	34
246	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	6.6	34
245	A photocaged fluorescent probe for imaging hypochlorous acid in lysosomes. <i>Chemical Communications</i> , 2018 , 54, 9238-9241	5.8	34
244	Development of a viscosity sensitive fluorescent probe for real-time monitoring of mitochondria viscosity. <i>New Journal of Chemistry</i> , 2017 , 41, 11507-11511	3.6	33
243	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	5.8	33
242	Development of a unique reversible fluorescent probe for tracking endogenous sulfur dioxide and formaldehyde fluctuation in vivo. <i>Chemical Communications</i> , 2019 , 55, 11263-11266	5.8	31
241	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	5.8	31
240	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	8.5	30

- 239 A versatile small-molecule fluorescence scaffold: Carbazole derivatives for bioimaging. *Coordination Chemistry Reviews*, **2020**, 412, 213257 23.2 30
- 238 A Model for Light-Triggered Porphyrin Anticancer Prodrugs Based on an o-Nitrobenzyl Photolabile Group. *European Journal of Organic Chemistry*, **2008**, 2008, 793-796 3.2 30
- 237 A targetable fluorescent probe for imaging exogenous and intracellularly formed nitroxyl in mitochondria in living cells. *Journal of Materials Chemistry B*, **2017**, 5, 1954-1961 7.3 29
- 236 A fluorescent dyad with large emission shift for discrimination of cysteine/homocysteine from glutathione and hydrogen sulfide and the application of bioimaging. *Analytica Chimica Acta*, **2017**, 981, 86-93 6.6 29
- 235 A simple and effective "capping" approach to readily tune the fluorescence of near-infrared cyanines. *Chemical Science*, **2015**, 6, 4530-4536 9.4 29
- 234 Reaction-Based Fluorescent Probes for the Imaging of Nitroxyl (HNO) in Biological Systems. *ACS Chemical Biology*, **2018**, 13, 1714-1720 4.9 29
- 233 Construction of a ratiometric fluorescent probe with an extremely large emission shift for imaging hypochlorite in living cells. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2018**, 188, 394-399 4.4 28
- 232 Siloxane-Based Nanoporous Polymers with Narrow Pore-size Distribution for Cell Imaging and Explosive Detection. *ACS Applied Materials & Interfaces*, **2018**, 10, 28979-28991 9.5 28
- 231 Organic fluorescent probes for monitoring autophagy in living cells. *Chemical Society Reviews*, **2021**, 50, 102-119 58.5 28
- 230 Unique D-EA-ED type fluorescent probes for the two-photon imaging of intracellular viscosity. *Journal of Materials Chemistry B*, **2018**, 6, 381-385 7.3 28
- 229 Organic fluorescent probes for detecting mitochondrial membrane potential. *Coordination Chemistry Reviews*, **2020**, 420, 213419 23.2 27
- 228 Aurone Derivative Revealing the Metabolism of Lipid Droplets and Monitoring Oxidative Stress in Living Cells. *Analytical Chemistry*, **2020**, 92, 6631-6636 7.8 27
- 227 Development of a mitochondrial-targeted two-photon fluorescence turn-on probe for formaldehyde and its bio-imaging applications in living cells and tissues. *New Journal of Chemistry*, **2018**, 42, 8325-8329 3.6 27
- 226 Colorimetric and ratiometric fluorescent probe for hydrogen sulfide using a coumarin-pyryryl FRET dyad with a large emission shift. *Analytical Methods*, **2016**, 8, 8022-8027 3.2 27
- 225 A novel near-infrared fluorescent platform with good photostability and the application for a reaction-based Cu(2+) probe in living cells. *Talanta*, **2016**, 147, 193-8 6.2 27
- 224 Rational Design of a Rigid Fluorophore-Molecular Rotor-Based Probe for High Signal-to-Background Ratio Detection of Sulfur Dioxide in Viscous System. *Analytical Chemistry*, **2019**, 91, 15220-15228 7.8 27
- 223 A two-photon fluorescent turn-on probe for palladium imaging in living tissues. *Sensors and Actuators B: Chemical*, **2015**, 219, 232-237 8.5 27
- 222 Revealing the Viscosity Changes in Lipid Droplets during Ferroptosis by the Real-Time and Near-Infrared Imaging. *ACS Sensors*, **2021**, 6, 22-26 9.2 27

221	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	4.4	27
220	Development of a unique family of two-photon full-color-tunable fluorescent materials for imaging in live subcellular organelles, cells, and tissues. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 2436-2444	7.3	26
219	Two-photon red-emissive fluorescent probe for imaging nitroxyl (HNO) in living cells and tissues. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 5218-5224	7.3	26
218	Fluorescence behavior of a unique two-photon fluorescent probe in aggregate and solution states and highly sensitive detection of RNA in water solution and living systems. <i>Chemical Communications</i> , 2016 , 52, 8838-41	5.8	26
217	A ratiometric fluorescent hydrogen peroxide chemosensor manipulated by an ICT-activated FRET mechanism and its bioimaging application in living cells and zebrafish. <i>Analyst, The</i> , 2018 , 143, 3555-3559	5	26
216	A mitochondria-targeted fluorescent probe for imaging endogenous malondialdehyde in HeLa cells and onion tissues. <i>Chemical Communications</i> , 2017 , 53, 4080-4083	5.8	25
215	The development of an ICT-based formaldehyde-responsive fluorescence turn-on probe with a high signal-to-noise ratio. <i>New Journal of Chemistry</i> , 2018 , 42, 12361-12364	3.6	25
214	An Ultrasensitivity Fluorescent Probe Based on the ICT-FRET Dual Mechanisms for Imaging β Galactosidase in Vitro and ex Vivo. <i>Analytical Chemistry</i> , 2019 , 91, 15591-15598	7.8	25
213	A two-photon fluorescent probe for detecting lipid droplet viscosity in living cells and zebra fish. <i>New Journal of Chemistry</i> , 2018 , 42, 18521-18525	3.6	24
212	Tracking lysosomal polarity variation in inflamed, obese, and cancer mice guided by a fluorescence sensing strategy. <i>Chemical Communications</i> , 2019 , 55, 11063-11066	5.8	23
211	Binding Reaction Sites to Polysiloxanes: Unique Fluorescent Probe for Reversible Detection of CLO/GSH Pair and the in Situ Imaging in Live Cells and Zebrafish. <i>Analytical Chemistry</i> , 2019 , 91, 1719-1723	7.8	23
210	A new aggregation-induced emission fluorescent probe for rapid detection of nitroreductase and its application in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 188, 197-201	4.4	22
209	A multi-signal fluorescent probe for the discrimination of cysteine/homocysteine and glutathione and application in living cells and zebrafish. <i>New Journal of Chemistry</i> , 2018 , 42, 12615-12620	3.6	22
208	Discriminating Cys from GSH/H ₂ S in vitro and in vivo with a NIR fluorescent probe. <i>Sensors and Actuators B: Chemical</i> , 2020 , 305, 127202	8.5	22
207	2-benzothiazoleacetonitrile based two-photon fluorescent probe for hydrazine and its bio-imaging and environmental applications. <i>Scientific Reports</i> , 2017 , 7, 1530	4.9	21
206	Facile synthesis of a class of aminochromene-anilinium conjugated far-red to near-infrared fluorescent dyes for bioimaging. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 871-877	7.3	21
205	Development of a Two-Photon Fluorescent Probe for Imaging of Endogenous Formaldehyde in Living Tissues. <i>Angewandte Chemie</i> , 2016 , 128, 3417-3420	3.6	21
204	A turn-on fluorescent probe for endogenous formaldehyde in the endoplasmic reticulum of living cells. <i>Methods and Applications in Fluorescence</i> , 2017 , 5, 024005	3.1	20

203	A fluorescent probe for ratiometric imaging of exogenous and intracellular formed hypochlorous acid in lysosomes. <i>New Journal of Chemistry</i> , 2017 , 41, 5259-5262	3.6	20
202	Simultaneously imaging of SO ₂ in lysosomes and mitochondria based on a dual organelle-targeted fluorescent probe. <i>Sensors and Actuators B: Chemical</i> , 2019 , 292, 80-87	8.5	20
201	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	5.8	20
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189	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	8.5	18
188	A novel mitochondria-targeted fluorescent probe for imaging hydrazine in living cells, tissues and animals. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018 , 356, 321-328	4.7	18
187	An ethyl cyanoacetate based turn-on fluorescent probe for hydrazine and its bio-imaging and environmental applications. <i>Analytical Methods</i> , 2018 , 10, 4016-4019	3.2	18
186	Rational Design of a Robust Fluorescent Probe for the Detection of Endogenous Carbon Monoxide in Living Zebrafish Embryos and Mouse Tissue. <i>Angewandte Chemie</i> , 2017 , 129, 13674-13677	3.6	18

185	Development of a red-emissive two-photon fluorescent probe for sensitive detection of beta-galactosidase in vitro and in vivo. <i>Sensors and Actuators B: Chemical</i> , 2020 , 307, 127643	8.5	18
184	A sensitive and selective red fluorescent probe for imaging of cysteine in living cells and animals. <i>Analytical Methods</i> , 2017 , 9, 1891-1896	3.2	17
183	A mitochondria-targetable fluorescent probe with a large Stokes shift for detecting hydrogen peroxide in aqueous solution and living cells. <i>New Journal of Chemistry</i> , 2017 , 41, 3320-3325	3.6	17
182	Discriminating normal and inflammatory models by viscosity changes with a mitochondria-targetable fluorescent probe. <i>Analyst, The</i> , 2019 , 144, 6247-6253	5	17
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140	A targetable fluorescent probe for real-time monitoring of fluoride ions in mitochondria. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 204, 777-782	4.4	11
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121	Double functional group transformations for fluorescent probe construction: a fluorescence turn-on probe for thioureas. <i>Chemistry - A European Journal</i> , 2010 , 16, 6454-7	4.8	9
120	Single fluorescent probes enabling simultaneous visualization of duple organelles: Design principles, mechanisms, and applications. <i>Coordination Chemistry Reviews</i> , 2022 , 451, 214266	23.2	9
119	A ratiometric fluorescent probe for reversible monitoring of endogenous SO/formaldehyde in cytoplasm and nucleoli regions and its applications in living mice. <i>Analyst, The</i> , 2020 , 145, 1865-1870	5	9
118	Silicon-assisted unconventional fluorescence from organosilicon materials. <i>Coordination Chemistry Reviews</i> , 2021 , 438, 213887	23.2	9
117	A novel polythioether-based rhodamine B fluorescent probe via successive click reaction and its application in iron ion detection and cell imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 228, 117679	4.4	9
116	A novel two-photon fluorescent probe for detecting FA based on a coumarin derivative and its applications in living cells, zebrafish and tissues. <i>New Journal of Chemistry</i> , 2019 , 43, 11844-11850	3.6	8
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109	Monitoring mitochondrial membrane potential by FRET: Development of fluorescent probes enabling Ca^{2+} -dependent subcellular migration. <i>Analytica Chimica Acta</i> , 2020 , 1097, 196-203	6.6	8
108	Observation of the Elevation of Cholinesterase Activity in Brain Glioma by a Near-Infrared Emission Chemosensor. <i>Analytical Chemistry</i> , 2020 , 92, 13405-13410	7.8	8
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106	A two-photon excited red-emissive probe for imaging mitochondria with high fidelity and its application in monitoring mitochondrial depolarization via FRET. <i>Analyst, The</i> , 2019 , 144, 2387-2392	5	8
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104	Silica Nanoparticles with Up-conversion Fluorescence Based on Triplet-Triplet Annihilation Mechanism for Specific Recognition of Apoptosis Cells. <i>Analytical Chemistry</i> , 2018 , 90, 14602-14609	7.8	8
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100	Detecting lipid droplets polarity: Silicone-based unique fluorescent probe for cancer diagnosis in living cells. <i>Talanta</i> , 2021 , 225, 122059	6.2	7
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96	Two-photon fluorescent probe for detecting cell membranal liquid-ordered phase by an aggregate fluorescence method. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 4725-4731	7.3	6

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92	A ratiometric fluorescent composite nanomaterial for RNA detection based on graphene quantum dots and molecular probes. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 4380-4384	7.3	6
91	Rational design of a far-red fluorescent probe for endogenous biothiol imbalance induced by hydrogen peroxide in living cells and mice. <i>Bioorganic Chemistry</i> , 2020 , 103, 104173	5.1	6
90	Activatable Photoacoustic Probe for In Situ Imaging of Endogenous Carbon Monoxide in the Murine Inflammation Model. <i>Analytical Chemistry</i> , 2021 ,	7.8	6
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88	A rapid and sensitive fluorescence method for detecting urine formaldehyde in patients with Alzheimer's disease. <i>Annals of Clinical Biochemistry</i> , 2019 , 56, 210-218	2.2	6
87	An endoplasmic reticulum targetable turn-on fluorescence probe for imaging application of carbon monoxide in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 247, 119150	4.4	6
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78	A mitochondria-targeting ratiometric fluorescent probe for the detection of sulfur dioxide in living cells. <i>New Journal of Chemistry</i> , 2020 , 44, 11988-11992	3.6	5

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65	BF group chelated AIE fluorescent probe for polarity mapping of lipid droplets in cells and in vivo. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 268, 120637	4.4	4
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60	Four-armed functional siloxane enables ratiometric unconventional fluorescence for the detection of ONOO. <i>Sensors and Actuators B: Chemical</i> , 2021 , 331, 129462	8.5	4

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