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	Distinguishing normal and inflammatory models by viscosity changes with sensitively mitochondrial-trackable fluorescent probe. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 264, 120271.	3.9	5
2	Single fluorescent probes enabling simultaneous visualization of duple organelles: Design principles, mechanisms, and applications. Coordination Chemistry Reviews, 2022, 451, 214266.	18.8	43
3	Constructing a NIR fluorescent probe for ratiometric imaging viscosity in mice and detecting blood viscosity in folliculitis mice and peritonitis mice. Sensors and Actuators B: Chemical, 2022, 352, 131042.	7.8	24
4	Development of an esterase fluorescent probe based on naphthalimide-benzothiazole conjugation and its applications for qualitative detection of esterase in orlistat-treated biosamples. Analytica Chimica Acta, 2022, 1190, 339248.	5.4	6
5	Ratiometric probe with optimized permeability for visualizing lysosomal acidification during autophagy. Dyes and Pigments, 2022, 197, 109951.	3.7	6
6	A novel red-emitting two-photon fluorescent probe for imaging nitroreductases in cancer cells and tumor tissues with hypoxia conditions. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 424, 113657.	3.9	5
7	BF2 group chelated AIE fluorescent probe for polarity mapping of lipid droplets in cells and in vivo. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 268, 120637.	3.9	15
8	Near-Infrared Mitochondria-Targetable Single-Molecule probe for Dual-Response of viscosity and sulfur dioxide in vivo. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 270, 120796.	3.9	13
9	A Fluorescent Probe Targeting Mitochondria and Lipid Droplets for Visualization of Cell Death. Chemistry - an Asian Journal, 2022, 17, e202101304.	3.3	9
10	A deep-red emission fluorescent probe for visualization of fluoride anion accumulation in a murine model of acute fluoride toxicity and the roots of Arabidopsis thaliana. Sensors and Actuators B: Chemical, 2022, 358, 131508.	7.8	14
11	Imaging and Detection of Hepatocellular Carcinoma with a Hepatocyte-Specific Fluorescent Probe. Analytical Chemistry, 2022, 94, 3386-3393.	6.5	24
12	A novel mitochondrion-targeted fluorescent probe for detecting viscosity in living cells and zebrafishes. New Journal of Chemistry, 2022, 46, 8171-8176.	2.8	3
13	A molecular recognition platform for the simultaneous sensing of diverse chemical weapons. Chemical Science, 2022, 13, 4523-4532.	7.4	55
14	Permeability-Controlled Probe for Directly Visualizing the Opening of Mitochondrial Permeability Transition Pore in Native Status. Analytical Chemistry, 2022, 94, 5255-5264.	6.5	4
15	A novel cysteine fluorescent probe with large stokes shift for imaging in living cells, zebrafish and living mice. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 276, 121230.	3.9	6
16	Exploring of blood viscosity in injured liver tissues of hyperlipidemic mice. Dyes and Pigments, 2022, 202, 110272.	3.7	3
17	Revealing the Effects of Endoplasmic Reticulum Stress on Ferroptosis by Two-Channel Real-Time Imaging of pH and Viscosity. Analytical Chemistry, 2022, 94, 6557-6565.	6.5	31
18	A novel fluorescent probe with large Stokes shift for the detection of viscosity changes and its imaging in living cells. Luminescence, 2022, 37, 1120-1125.	2.9	2

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19	Synthesis and Study of Performance for An Enhanced Formaldehyde Fluorescent Probe. Chinese Journal of Organic Chemistry, 2022, 42, 1163.	1.3	2
20	Design of a ratiometric near-infrared fluorescent probe with double excitation for hydrazine detection in vitro and in vivo. Science of the Total Environment, 2022, 837, 155462.	8.0	29
21	Development of an activatable hydrogen sulfide-specific two-photon fluorescent probe for bioimaging in an air pouch inflammation model. Journal of Materials Chemistry B, 2022, 10, 4568-4574.	5.8	5
22	Activatable Fluorescent-Photoacoustic Integrated Probes with Deep Tissue Penetration for Pathological Diagnosis and Therapeutic Evaluation of Acute Inflammation in Mice. Analytical Chemistry, 2022, 94, 7996-8004.	6.5	11
23	Visualization of endogenous formaldehyde in the nucleus via a robust activatable fluorescent probe. Sensors and Actuators B: Chemical, 2022, 368, 132136.	7.8	4
24	A new NIR emission mitochondrial targetable fluorescent probe and its application in detecting viscosity changes in mouse liver and kidney injury. Talanta, 2022, 249, 123647.	5.5	14
25	Probing the viscosity changes of acute kidney injury by fluorescence imaging. Journal of Molecular Liquids, 2022, 360, 119458.	4.9	3
26	An activatable photoacoustic probe for imaging upregulation of hydrogen sulfide in inflammation. Sensors and Actuators B: Chemical, 2022, 367, 132097.	7.8	6
27	Detecting inflammation in the diabetic mice with a fluorescence lifetime-based probe. Analytica Chimica Acta, 2022, 1221, 340104.	5.4	6
28	Development of a multi-task formaldehyde specific fluorescent probe for bioimaging in living systems and decoration materials analysis. Chemical Engineering Journal, 2022, 448, 137634.	12.7	4
29	A High Photostability Mitochondrial Targeted Near-Infrared Dye with Large Stokes Shift and Cell Imaging Application. Chinese Journal of Organic Chemistry, 2022, 42, 1687.	1.3	1
30	Quantification of lipid droplets polarity for evaluating non-alcoholic fatty liver disease via fluorescence lifetime imaging. Sensors and Actuators B: Chemical, 2022, 369, 132267.	7.8	20
31	Organic fluorescent probes for monitoring autophagy in living cells. Chemical Society Reviews, 2021, 50, 102-119.	38.1	104
32	An endoplasmic reticulum targetable turn-on fluorescence probe for imaging application of carbon monoxide in living cells. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 247, 119150.	3.9	16
33	Fluorescence response of a fluorescein derivative for hypochlorite ion and its application for biological imaging in wounded zebrafish and living mice. Sensors and Actuators B: Chemical, 2021, 327, 128848.	7.8	21
34	Observation of endogenous HClO in living mice with inflammation, tissue injury and bacterial infection by a near-infrared fluorescent probe. Sensors and Actuators B: Chemical, 2021, 327, 128884.	7.8	35
35	Thiethylated naphthalimide functional silica nanomaterials: A fluorescent nanosensor for detection of HClO in living cells. Dyes and Pigments, 2021, 185, 108936.	3.7	8
36	A single small molecule fluorescent probe for imaging RNA distribution and detecting endogenous SO₂ through distinct fluorescence channels. New Journal of Chemistry, 2021, 45, 19812-19817.	2.8	7

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37	A POSS-assisted fluorescent probe for the rapid detection of HClO in mitochondria with a large emission wavelength in dual channels. Journal of Materials Chemistry B, 2021, 9, 6836-6843.	5.8	6
38	Synthesis, molecular docking calculation, fluorescence and bioimaging of mitochondria-targeted ratiometric fluorescent probes for sensing hypochlorite in vivo. Journal of Materials Chemistry B, 2021, 9, 2666-2673.	5.8	8
39	A fluorogenic probe for dynamic tracking of lipid dropletsâ€™ polarity during the evolution of cancer. New Journal of Chemistry, 2021, 45, 4347-4353.	2.8	15
40	A coumarin-based TICT fluorescent probe for real-time fluorescence lifetime imaging of mitochondrial viscosity and systemic inflammation in vivo. Journal of Materials Chemistry B, 2021, 9, 8067-8073.	5.8	19
41	A coumarin-based â€œoffâ€“onâ€•fluorescent probe for highly selective detection of hydrogen sulfide and imaging in living cells. Analytical Methods, 2021, 13, 1511-1516.	2.7	9
42	The development of an endoplasmic reticulum-targeting fluorescent probe for the imaging of 1,4-dithiothreitol (DTT) in living cells. Analytical Methods, 2021, 13, 2204-2208.	2.7	14
43	A novel fluorescent probe with high photostability for imaging distribution of RNA in living cells and tissues. New Journal of Chemistry, 2021, 45, 2614-2619.	2.8	3
44	The development of a highly selective fluorescent probe for the rapid detection of HClO in living cells and zebrafish. New Journal of Chemistry, 2021, 45, 12569-12575.	2.8	1
45	Ratiometric and amplified fluorescence nanosensor based on a DNA tetrahedron for miRNA imaging in living cells. Journal of Materials Chemistry B, 2021, 9, 8341-8347.	5.8	5
46	A non-peptide probe for detecting chymotrypsin activity based on protectionâ€“deprotection strategy in living systems. Journal of Materials Chemistry B, 2021, 9, 8417-8423.	5.8	5
47	A dual-channel fluorescent probe for monitoring pH changes in lysosomes during autophagy. New Journal of Chemistry, 2021, 45, 18538-18543.	2.8	5
48	Noninvasive Cancer Diagnosis In Vivo Based on a Viscosity-Activated Near-Infrared Fluorescent Probe. Analytical Chemistry, 2021, 93, 2072-2081.	6.5	64
49	A near-infrared fluorescent probe for monitoring viscosity in living cells, zebrafish and mice. New Journal of Chemistry, 2021, 45, 3778-3782.	2.8	5
50	A novel fluorescent probe for rapid detection of sulfur dioxide in living cells. Luminescence, 2021, 36, 1006-1012.	2.9	2
51	Dual-Emissive Probe for Reversible Visualization of Î”Î¨_m Revealing Voltage Heterogeneity in a Single Mitochondrion. Analytical Chemistry, 2021, 93, 3493-3501.	6.5	10
52	Intramolecular Spirocyclization Enables Design of a Single Fluorescent Probe for Monitoring the Interplay between Mitochondria and Lipid Droplets. Analytical Chemistry, 2021, 93, 3602-3610.	6.5	33
53	Four-armed functional siloxane enables ratiometric unconventional fluorescence for the detection of ONOOâ¯. Sensors and Actuators B: Chemical, 2021, 331, 129462.	7.8	20
54	Charge-Dependent Strategy Enables a Single Fluorescent Probe to Study the Interaction Relationship between Mitochondria and Lipid Droplets. ACS Sensors, 2021, 6, 1595-1603.	7.8	44

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55	NIR fluorescence imaging of lipid drops viscosity in liver organs of diabetic mice. Dyes and Pigments, 2021, 187, 109120.	3.7	13
56	Utilizing a Solvatochromic Optical Agent to Monitor the Polarity Changes in Dynamic Liver Injury Progression. ACS Applied Bio Materials, 2021, 4, 3630-3638.	4.6	17
57	A fluorescent probe for specific detection of Î²-galactosidase in living cells and tissues based on ESIPT mechanism. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 251, 119446.	3.9	10
58	Pyrene-based polymer fluorescent materials for the detection of 2,4,6-trinitrophenol and cell imaging. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 410, 113183.	3.9	8
59	Real-time monitoring viscosity variation in carcinogenesis evolution models by a red-emitting rotor. Dyes and Pigments, 2021, 188, 109170.	3.7	5
60	Two-photon Fluorescent Sensors for Visual Detection of Abnormal Superoxide Anion in Diabetes Mice. Sensors and Actuators B: Chemical, 2021, 332, 129537.	7.8	9
61	The development of a biotin-guided and mitochondria-targeting fluorescent probe for detecting SO2 precisely in cancer cells. Talanta, 2021, 225, 121992.	5.5	19
62	Detecting lipid droplets polarity: Silicone-based unique fluorescent probe for cancer diagnosis in living cells. Talanta, 2021, 225, 122059.	5.5	27
63	Dual channel mitochondria-targeted fluorescent probe for detection of nitric oxide in living cells and zebrafish. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 412, 113256.	3.9	5
64	Tracking cell apoptosis based on mitochondria and cell membrane imaging. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 412, 113245.	3.9	3
65	Ratiometric and reversible detection of endogenous SO2 and HCHO in living cells and mice by a near-infrared and dual-emission fluorescent probe. Sensors and Actuators B: Chemical, 2021, 335, 129649.	7.8	33
66	Development of a novel NIR viscosity fluorescent probe for visualizing the kidneys in diabetic mice. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 254, 119627.	3.9	10
67	Activatable Photoacoustic Probe for In Situ Imaging of Endogenous Carbon Monoxide in the Murine Inflammation Model. Analytical Chemistry, 2021, 93, 8978-8985.	6.5	20
68	Triphenylamine-based silsesquioxane derivatives for multiple anion recognition via anion effect and solvent effect. Sensors and Actuators B: Chemical, 2021, 338, 129837.	7.8	10
69	Silicon-assisted unconventional fluorescence from organosilicon materials. Coordination Chemistry Reviews, 2021, 438, 213887.	18.8	41
70	A red-emissive and positively charged RNA ligand enables visualization of mitochondrial depolarization and cell damage. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 255, 119686.	3.9	1
71	Monitoring cysteine level changes under LPS or H2O2 induced oxidative stress using a polymer-based ratiometric fluorescent probe. Analytica Chimica Acta, 2021, 1174, 338738.	5.4	13
72	Evaluation of Cell Viability with a Single Fluorescent Probe Based on Two Kinds of Fluorescence Signal Modes. Analytical Chemistry, 2021, 93, 12487-12493.	6.5	20

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73	Development of a one-step synthesized red emission fluorescent probe for sensitive detection of viscosity in vitro and in vivo. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 258, 119808.	3.9	14
74	A fluorogenic probe for detecting CO with the potential integration of diagnosis and therapy (IDT) for cancer. Sensors and Actuators B: Chemical, 2021, 344, 130245.	7.8	10
75	Reversible polysiloxane-based near-infrared fluorescent probe for monitoring the redox cycles between HClO/SO2 in mitochondria and in vivo. Sensors and Actuators B: Chemical, 2021, 344, 130217.	7.8	21
76	Construction of a fluorescent probe with large stokes shift and deep red emission for sensing of the viscosity in hyperglycemic mice. Dyes and Pigments, 2021, 195, 109674.	3.7	16
77	Understanding the significant role of Si O Si bonds: Organosilicon materials as powerful platforms for bioimaging. Coordination Chemistry Reviews, 2021, 447, 214166.	18.8	33
78	An activatable water-soluble photoacoustic probe for realâ€“time imaging of endogenous cysteine in the mouse tumor model. Sensors and Actuators B: Chemical, 2021, 347, 130616.	7.8	13
79	A unique fluorescent probe for visualization of cell death via its subcellular immigration from lysosomes to nucleus. Sensors and Actuators B: Chemical, 2021, 347, 130656.	7.8	6
80	Tracking the polarity changes of asthmatic mice by fluorescence imaging. Sensors and Actuators B: Chemical, 2021, 346, 130448.	7.8	12
81	Visualization of the pH-fluctuations in gastric ulcer living mice by the in situ near-infrared imaging. Sensors and Actuators B: Chemical, 2021, 349, 130747.	7.8	11
82	Lipid droplet polarity decreases during the pathology of muscle injury as revealed by a polarity sensitive sensor. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 262, 120149.	3.9	13
83	Real-time detection of attenuated blood polarity in mouse models of circulating tumor based on a fluorescent probe. Sensors and Actuators B: Chemical, 2021, 348, 130664.	7.8	10
84	A novel ER-targeted two-photon fluorescent probe for monitoring abnormal concentrations of HClO in diabetic mice. Journal of Materials Chemistry B, 2021, 9, 7381-7385.	5.8	15
85	Fabrication of a fluorescent probe for reversibly monitoring mitochondrial membrane potential in living cells. Analytical Methods, 2021, 13, 1715-1719.	2.7	1
86	Small molecule based fluorescent chemosensors for imaging the microenvironment within specific cellular regions. Chemical Society Reviews, 2021, 50, 12098-12150.	38.1	236
87	Revealing the Viscosity Changes in Lipid Droplets during Ferroptosis by the Real-Time and In Situ Near-Infrared Imaging. ACS Sensors, 2021, 6, 22-26.	7.8	94
88	Aging Diagnostic Probe for Research on Aging and Evaluation of Anti-aging Drug Efficacy. Analytical Chemistry, 2021, 93, 13800-13806.	6.5	25
89	Ratiometric Fluorescence Imaging for the Distribution of Nucleic Acid Content in Living Cells and Human Tissue Sections. Analytical Chemistry, 2021, 93, 1612-1619.	6.5	19
90	Development of a two-photon fluorescent probe to monitor the changes of viscosity in living cells, zebra fish and mice. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 224, 117310.	3.9	30

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91	A unique amphipathic polyethylene glycol-based fluorescent probe for the visualization of lipid droplets and discrimination of living and dead cells in biological systems. Sensors and Actuators B: Chemical, 2020, 302, 127207.	7.8	21
92	A novel polythioether-based rhodamine B fluorescent probe via successive click reaction and its application in iron ion detection and cell imaging. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 228, 117679.	3.9	20
93	Discriminating Cys from GSH/H2S in vitro and in vivo with a NIR fluorescent probe. Sensors and Actuators B: Chemical, 2020, 305, 127202.	7.8	38
94	Development of a red-emissive two-photon fluorescent probe for sensitive detection of beta-galactosidase in vitro and in vivo. Sensors and Actuators B: Chemical, 2020, 307, 127643.	7.8	30
95	A dual-site controlled fluorescent sensor for the facile and fast detection of H₂O in D₂O by two turn-on emission signals. Chemical Communications, 2020, 56, 1191-1194.	4.1	27
96	A unique polarity-sensitive photothermal sensitizer revealing down-regulated mitochondrial polarity during photo-induced cell death. Journal of Materials Chemistry B, 2020, 8, 752-757.	5.8	17
97	Step-wise functionalization of polysiloxane towards a versatile dual-response fluorescent probe and elastomer for the detection of H₂S in two-photon and NO in near-infrared modes. Chemical Communications, 2020, 56, 1121-1124.	4.1	31
98	Simultaneous sensing of nucleic acid and associated cellular components with organic fluorescent chemsensors. Coordination Chemistry Reviews, 2020, 406, 213144.	18.8	16
99	Monitoring mitochondrial membrane potential by FRET: Development of fluorescent probes enabling Î”Î¨m-Dependent subcellular migration. Analytica Chimica Acta, 2020, 1097, 196-203.	5.4	16
100	A ratiometric fluorescent probe for reversible monitoring of endogenous SO₂/formaldehyde in cytoplasm and nucleoli regions and its applications in living mice. Analyst, The, 2020, 145, 1865-1870.	3.5	20
101	Live cell-specific fluorescent probe for the detection of labile Fe(II) and the evaluation of esterase activity in live animals. Sensors and Actuators B: Chemical, 2020, 305, 127470.	7.8	18
102	Rational design of a far-red fluorescent probe for endogenous biothiol imbalance induced by hydrogen peroxide in living cells and mice. Bioorganic Chemistry, 2020, 103, 104173.	4.1	12
103	Design of a FRET-based fluorescent probe for the reversible detection of SO₂and formaldehyde in living cells and mice. New Journal of Chemistry, 2020, 44, 13654-13658.	2.8	13
104	Engineering a double-rotor-based fluorescent molecule to sensitively track mitochondrial viscosity in living cells and zebrafish with high signal-to-background ratio (S/B). Journal of Photochemistry and Photobiology A: Chemistry, 2020, 401, 112789.	3.9	7
105	Construction of a novel GQD based ratiometric fluorescent composite probe for viscosity detection. Chemical Communications, 2020, 56, 14649-14652.	4.1	9
106	Preparation of robust fluorescent probes for tracking endogenous formaldehyde in living cells and mouse tissue slices. Nature Protocols, 2020, 15, 3499-3526.	12.0	24
107	Observation of the Elevation of Cholinesterase Activity in Brain Glioma by a Near-Infrared Emission Chemsensor. Analytical Chemistry, 2020, 92, 13405-13410.	6.5	35
108	A sensitive and selective fluorescent probe for the detection of endogenous peroxynitrite (ONOO^{â^’}) in living cells. Analytical Methods, 2020, 12, 2841-2845.	2.7	12

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109	A fluorescent probe for specific detection of cysteine in lysosomes via dual-color mode imaging. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 240, 118555.	3.9	8
110	An ESIPT-based ratiometric fluorescent probe for the discrimination of live and dead cells. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 240, 118588.	3.9	9
111	The development of a hemicyanine-based ratiometric CO fluorescent probe with a long emission wavelength and its applications for imaging COin vitroandin vivo. New Journal of Chemistry, 2020, 44, 12107-12112.	2.8	10
112	Organic fluorescent probes for detecting mitochondrial membrane potential. Coordination Chemistry Reviews, 2020, 420, 213419.	18.8	60
113	A strategy to construct fluorescent non-aromatic small-molecules: hydrogen bonds contributing to the unexpected fluorescence. Chemical Communications, 2020, 56, 4424-4427.	4.1	15
114	Robust Organoalkoxysilanes as Red Unconventional Fluorescent Platform. Advanced Functional Materials, 2020, 30, 1910536.	14.9	12
115	A versatile small-molecule fluorescence scaffold: Carbazole derivatives for bioimaging. Coordination Chemistry Reviews, 2020, 412, 213257.	18.8	70
116	A near-infrared ratiometric fluorescent probe based on the Cî€N double bond for monitoring SO₂ and its application in biological imaging. Analyst, The, 2020, 145, 1910-1914.	3.5	23
117	An ICT-based fluorescent probe with bridging Siâ€“Oâ€“Si bonds for visualizing hydrogen sulfide in lipid droplets and its application. Analytical Methods, 2020, 12, 1064-1069.	2.7	16
118	Aurone Derivative Revealing the Metabolism of Lipid Droplets and Monitoring Oxidative Stress in Living Cells. Analytical Chemistry, 2020, 92, 6631-6636.	6.5	64
119	A mitochondria-targeting ratiometric fluorescent probe for the detection of sulfur dioxide in living cells. New Journal of Chemistry, 2020, 44, 11988-11992.	2.8	7
120	Discrimination of live and dead cells with two different sets of signals and unique application in vivo imaging. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 231, 118115.	3.9	2
121	Development of a unique reversible fluorescent probe for tracking endogenous sulfur dioxide and formaldehyde fluctuation in vivo. Chemical Communications, 2019, 55, 11263-11266.	4.1	48
122	A dual-site controlled ratiometric probe revealing the simultaneous down-regulation of pH in lysosomes and cytoplasm during autophagy. Chemical Communications, 2019, 55, 10440-10443.	4.1	46
123	FÃ¶rster Resonance Energy Transfer-Based Fluorescent Probe for the Selective Imaging of Hydroxylamine in Living Cells. Analytical Chemistry, 2019, 91, 11397-11402.	6.5	12
124	An ultrasensitive ratiometric fluorescent probe based on the ICT-PET-FRET mechanism for the quantitative measurement of pH values in the endoplasmic reticulum (ER). Chemical Communications, 2019, 55, 10776-10779.	4.1	38
125	Development of an endoplasmic reticulum-targeting fluorescent probe for the two-photon imaging of hypochlorous acid (HClO) in living cells. Analytical Methods, 2019, 11, 4450-4455.	2.7	20
126	Coumarin-Based Small-Molecule Fluorescent Chemosensors. Chemical Reviews, 2019, 119, 10403-10519.	47.7	814

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127	A mitochondria-targeted and deep-red emission ratiometric fluorescent probe for real-time visualization of SO₂ in living cells, zebrafish and living mice. Analyst, The, 2019, 144, 4972-4977.	3.5	12
128	Development of a mitochondria-targeted fluorescent probe for the ratiometric visualization of sulfur dioxide in living cells and zebrafish. Analytical Methods, 2019, 11, 3931-3935.	2.7	13
129	Unique pH-Sensitive RNA Binder for Ratiometric Visualization of Cell Apoptosis. Analytical Chemistry, 2019, 91, 10056-10063.	6.5	33
130	Rational Design of a Reversible Fluorescent Probe for Sensing Sulfur Dioxide/Formaldehyde in Living Cells, Zebrafish, and Living Mice. Analytical Chemistry, 2019, 91, 10723-10730.	6.5	70
131	Fluorescent Probes for the Visualization of Cell Viability. Accounts of Chemical Research, 2019, 52, 2147-2157.	15.6	165
132	A novel highly selective fluorescent probe for imaging of cysteine both in living cells and zebrafish. Analytical Methods, 2019, 11, 4323-4327.	2.7	9
133	An endoplasmic reticulum-targeting fluorescent probe for the imaging of hypochlorous acid in living cells and zebrafishes. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 384, 111980.	3.9	21
134	Triphenylamine Schiff base as a lipid droplet-targeted fluorescent probe using Siâ€“Oâ€“Si as a bridge for the detection of Cr⁶⁺ applied in bio-imaging. Analyst, The, 2019, 144, 5373-5377.	3.5	10
135	Visualizing the cell ferroptosis via a novel polysiloxane-based fluorescent schiff base. Sensors and Actuators B: Chemical, 2019, 298, 126843.	7.8	11
136	Tracking lysosomal polarity variation in inflamed, obese, and cancer mice guided by a fluorescence sensing strategy. Chemical Communications, 2019, 55, 11063-11066.	4.1	34
137	Synthesis of Silane-Based Poly(thioether) via Successive Click Reaction and Their Applications in Ion Detection and Cell Imaging. Polymers, 2019, 11, 1235.	4.5	6
138	Pyrenyl-Functionalized Polysiloxane Based on Synergistic Effect for Highly Selective and Highly Sensitive Detection of 4-Nitrotoluene. ACS Applied Materials & Interfaces, 2019, 11, 30218-30227.	8.0	27
139	Novel fluorescent probe with a bridged Siâ€“Oâ€“Si bond for the reversible detection of hypochlorous acid and biothiol amino acids in live cells and zebrafish. Analyst, The, 2019, 144, 5075-5080.	3.5	20
140	Development of an endoplasmic reticulum-targeting fluorescent probe for the imaging of polarity in living cells and tissues. New Journal of Chemistry, 2019, 43, 12103-12108.	2.8	28
141	A Unique Approach to Development of a Multiratiometric Fluorescent Composite Probe for Multichannel Bioimaging. Analytical Chemistry, 2019, 91, 14586-14590.	6.5	16
142	AIE-active polysiloxane-based fluorescent probe for identifying cancer cells by locating lipid drops. Analytica Chimica Acta, 2019, 1091, 88-94.	5.4	34
143	Rational Design of a Rigid Fluorophoreâ€“Molecular Rotor-Based Probe for High Signal-to-Background Ratio Detection of Sulfur Dioxide in Viscous System. Analytical Chemistry, 2019, 91, 15220-15228.	6.5	43
144	An Ultrasensitivity Fluorescent Probe Based on the ICT-FRET Dual Mechanisms for Imaging Î²-Galactosidase in Vitro and ex Vivo. Analytical Chemistry, 2019, 91, 15591-15598.	6.5	45

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145	Single-/Dual-Responsive pH Fluorescent Probes Based on the Hybridization of Unconventional Fluorescence and Fluorophore for Imaging Lysosomal pH Changes in HeLa Cells. Analytical Chemistry, 2019, 91, 15213-15219.	6.5	46
146	A targetable fluorescent probe for imaging of mitochondrial viscosity in living cells. Analytical Methods, 2019, 11, 4561-4565.	2.7	9
147	Discriminating normal and inflammatory models by viscosity changes with a mitochondria-targetable fluorescent probe. Analyst, The, 2019, 144, 6247-6253.	3.5	28
148	A PET-based turn-on fluorescent probe for sensitive detection of thiols and H₂S and its bioimaging application in living cells, tissues and zebrafish. New Journal of Chemistry, 2019, 43, 2865-2869.	2.8	23
149	Development of a FRET-based ratiometric fluorescent probe to monitor the changes in palladium(<scp>ii</scp>) in aqueous solution and living cells. New Journal of Chemistry, 2019, 43, 552-555.	2.8	19
150	Visualizing cellular sodium hydrosulfite (Na₂S₂O₄) using azo-based fluorescent probes with a high signal-to-noise ratio. Journal of Materials Chemistry B, 2019, 7, 730-733.	5.8	7
151	A novel mitochondria-targeted near-infrared (NIR) probe for detection of viscosity changes in living cell, zebra fishes and living mice. Talanta, 2019, 204, 868-874.	5.5	25
152	Novel fluorene-based fluorescent probe with excellent stability for selective detection of SCN^{â^'}and its applications in paper-based sensing and bioimaging. Journal of Materials Chemistry B, 2019, 7, 4649-4654.	5.8	18
153	A novel two-photon fluorescent probe for detecting FA based on a coumarin derivative and its applications in living cells, zebrafish and tissues. New Journal of Chemistry, 2019, 43, 11844-11850.	2.8	15
154	Visualization of Mitochondrial Viscosity in Inflammation, Fatty Liver, and Cancer Living Mice by a Robust Fluorescent Probe. Analytical Chemistry, 2019, 91, 8415-8421.	6.5	125
155	Developing a novel ratiometric fluorescent probe based on ESIPT for the detection of pH changes in living cells. Tetrahedron Letters, 2019, 60, 1696-1701.	1.4	18
156	A near-infrared and two-photon dual-mode fluorescent probe for the colorimetric monitoring of SO₂in vitro and in vivo. Analyst, The, 2019, 144, 4371-4379.	3.5	23
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