

# CITATION REPORT

List of articles citing

Lysosomal pH rise during heat shock monitored by a lysosome-targeting near-infrared ratiometric fluorescent probe

DOI: 10.1002/anie.201405742

Angewandte Chemie - International Edition, 2014, 53, 10916-2

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**Version:** 2024-04-10

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#	Paper	IF	Citations
341	Fluorescent probes and nanoparticles for intracellular sensing of pH values. <i>Methods and Applications in Fluorescence</i> , <b>2014</b> , 2, 042001	3.1	53
340	A single design strategy for dual sensitive pH probe with a suitable range to map pH in living cells. <i>Scientific Reports</i> , <b>2015</b> , 5, 15540	4.9	14
339	A ratiometric lysosomal pH probe based on the naphthalimide-rhodamine system. <i>Journal of Materials Chemistry B</i> , <b>2015</b> , 3, 3260-3266	7.3	99
338	Ratiometric detection of pH fluctuation in mitochondria with a new fluorescein/cyanine hybrid sensor. <b>2015</b> , 6, 3187-3194		143
337	A dual-mechanism strategy to design a wide-range pH probe with multicolor fluorescence. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 219, 179-184	8.5	27
336	A ratiometric lysosomal pH probe based on the coumarin-rhodamine FRET system. <i>RSC Advances</i> , <b>2015</b> , 5, 49115-49121	3.7	59
335	Molecular engineering of a dual emission near-infrared ratiometric fluorophore for the detection of pH at the organism level. <b>2015</b> , 140, 4608-15		18
334	Long-wavelength analyte-sensitive luminescent probes and optical (bio)sensors. <i>Methods and Applications in Fluorescence</i> , <b>2015</b> , 3,	3.1	33
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332	Hemicyanine-based high resolution ratiometric near-infrared fluorescent probe for monitoring pH changes in vivo. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 2495-503	7.8	179
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329	An indole-carbazole-based ratiometric emission pH fluorescent probe for imaging extreme acidity. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 221, 1069-1076	8.5	43
328	A ratiometric pH probe for intracellular pH imaging. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 221, 427-435	8.5	34
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324	A ratiometric two-photon fluorescent probe for hydrazine and its applications. <i>Sensors and Actuators B: Chemical</i> , <b>2015</b> , 220, 1338-1345	8.5	48
323	An efficient ratiometric fluorescent probe for tracking dynamic changes in lysosomal pH. <b>2015</b> , 140, 5563-9		78
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203	A rhodamine-based fluorescent probe for the detection of lysosomal pH changes in living cells. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 266, 416-421	8.5	61
202	A $\beta$ -diketonate-Europium(III) complex-based time-gated luminescence probe for selective visualization of peroxynitrite in living cells. <b>2018</b> , 77, 170-177		14
201	Synthesis of a BODIPY-(2'-hydroxyphenyl)benzothiazole conjugate with solid state emission and its application as a fluorescent pH probe. <b>2018</b> , 10, 1633-1639		8
200	A near-infrared lysosomal pH probe based on rhodamine derivative. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 256, 261-267	8.5	45
199	Water soluble two-photon fluorescent organic probes for long-term imaging of lysosomes in live cells and tumor spheroids. <i>Chemical Communications</i> , <b>2018</b> , 54, 539-542	5.8	15

198	Amino-Si-rhodamines: A new class of two-photon fluorescent dyes with intrinsic targeting ability for lysosomes. <b>2018</b> , 158, 10-22		29
197	Construction of a fluorine substituted chromenylum-cyanine near-infrared fluorophore for ratiometric sensing. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 259, 219-225	8.5	19
196	A mitochondria-targeted colorimetric and ratiometric fluorescent probe for hydrogen peroxide with a large emission shift and bio-imaging in living cells. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 255, 42-48	8.5	32
195	A lysosome-targeting nanosensor for simultaneous fluorometric imaging of intracellular pH values and temperature. <b>2018</b> , 185, 533		14
194	Alkaline Phosphatase-Triggered Self-Assembly of Near-Infrared Nanoparticles for the Enhanced Photoacoustic Imaging of Tumors. <b>2018</b> , 18, 7749-7754		100
193	A Near-Infrared Fluorescent Probe Based on a FRET Rhodamine Donor Linked to a Cyanine Acceptor for Sensitive Detection of Intracellular pH Alternations. <b>2018</b> , 23,		18
192	Several fluorescent probes based on hemicyanine for the detection of SO <sub>2</sub> derivatives. <b>2018</b> , 10, 4695-4701		6
191	Bifunctional Super-resolution Imaging Probe with Acidity-Independent Lysosome-Retention Mechanism. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 11393-11400	7.8	15
190	Design of a ratiometric two-photon probe for imaging of hypochlorous acid (HClO) in wounded tissues. <b>2018</b> , 9, 6035-6040		111
189	In Situ Lysosomal Cysteine-Specific Targeting and Imaging during Dexamethasone-Induced Apoptosis. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 7018-7024	7.8	54
188	The improvement of lysosome targetability with oligoethyleneoxy chains linked benzo[a]phenoxazine. <b>2018</b> , 28, 2953-2956		1
187	A Zero Cross-Talk Ratiometric Two-Photon Probe for Imaging of Acid pH in Living Cells and Tissues and Early Detection of Tumor in Mouse Model. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 8800-8806	7.8	27
186	Photocontrolled Fluorescence "Double-Check" Bioimaging Enabled by a Glycophage-Protein Hybrid. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 8671-8674	16.4	77
185	New Near-infrared Fluorescent Probes with Single-photon Anti-Stokes-shift Fluorescence for Sensitive Determination of pH Variances in Lysosomes with a Double-Checked Capability. <b>2018</b> , 1, 549-560		23
184	BODIPY-derived ratiometric fluorescent sensors: pH-regulated aggregation-induced emission and imaging application in cellular acidification triggered by crystalline silica exposure. <b>2018</b> , 61, 1413-1422		21
183	Imaging of lysosomal pH changes with a novel quinoline/benzothiazole probe. <b>2018</b> , 42, 13479-13485		4
182	Fluorescent Proteins for Investigating Biological Events in Acidic Environments. <b>2018</b> , 19,		50
181	A functional preservation strategy for the production of highly photoluminescent emerald carbon dots for lysosome targeting and lysosomal pH imaging. <b>2018</b> , 10, 14705-14711		69

180	Ultrabright Red-Emitting Photostable Perylene Bisimide Dyes: New Indicators for Ratiometric Sensing of High pH or Carbon Dioxide. <b>2018</b> , 24, 10711-10720		19
179	Ratiometric fluorescence method for malachite green detection based on dual-emission BSA-protected gold nanoclusters. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 275, 244-250	8.5	43
178	The evaluation of lysosome targetability with nitrogen-containing basicity groups based on phenoxazinium derivatives. <i>Dyes and Pigments</i> , <b>2018</b> , 159, 179-186	4.6	
177	Mitochondria-targeted near-infrared fluorescent probe for the detection of carbon monoxide in vivo. <i>Talanta</i> , <b>2018</b> , 188, 691-700	6.2	47
176	Mitochondria-Immobilized Near-Infrared Ratiometric Fluorescent pH Probe To Evaluate Cellular Mitophagy. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 11409-11416	7.8	64
175	A ratiometric fluorescent DNA nanoprobe for cerebral adenosine triphosphate assay. <i>Chemical Communications</i> , <b>2019</b> , 55, 9955-9958	5.8	7
174	Visualization of Lung Inflammation to Pulmonary Fibrosis via Peroxynitrite Fluctuation. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 11461-11466	7.8	22
173	Molecularly near-infrared fluorescent theranostics for in vivo tracking tumor-specific chemotherapy. <i>Chinese Chemical Letters</i> , <b>2019</b> , 30, 1849-1855	8.1	42
172	Target-activated and ratiometric photochromic probe for double-check detection of toxic thiols in live cells. <b>2019</b> , 62, 1204-1212		7
171	Acid-Tolerant Reversibly Switchable Green Fluorescent Protein for Super-resolution Imaging under Acidic Conditions. <b>2019</b> , 26, 1469-1479.e6		7
170	A photostable Si-rhodamine-based near-infrared fluorescent probe for monitoring lysosomal pH during heat stroke. <b>2019</b> , 1092, 117-125		21
169	Hemicyanine-based near-infrared fluorescent probe for the ultrasensitive detection of hNQO1 activity and discrimination of human cancer cells. <b>2019</b> , 1090, 125-132		16
168	From aggregation-induced to solution emission: a new strategy for designing ratiometric fluorescent probes and its application for in vivo HClO detection. <b>2019</b> , 144, 1696-1703		18
167	A near-infrared water-soluble fluorescent probe for the detection of biothiols in living cells and Escherichia coli. <b>2019</b> , 11, 821-826		3
166	A ratiometric fluorescent probe of methionine sulfoxide reductase with an improved response rate and emission wavelength. <i>Chemical Communications</i> , <b>2019</b> , 55, 1502-1505	5.8	11
165	Real-time visualization of autophagy by monitoring the fluctuation of lysosomal pH with a ratiometric two-photon fluorescent probe. <i>Chemical Communications</i> , <b>2019</b> , 55, 1782-1785	5.8	48
164	Novel long-wavelength emissive lysosome-targeting ratiometric fluorescent probes for imaging in live cells. <b>2019</b> , 144, 4288-4294		9
163	Fluorescent probes for organelle-targeted bioactive species imaging. <b>2019</b> , 10, 6035-6071		296

162	Evaluation of anticancer activity in vitro and in vivo of iridium(III) polypyridyl complexes. <b>2019</b> , 43, 8566-8579	11
161	Small-molecule fluorescent probes for specific detection and imaging of chemical species inside lysosomes. <i>Chemical Communications</i> , <b>2019</b> , 55, 6629-6671	5.8 62
160	Near-infrared fluorescent probes with BODIPY donors and rhodamine and merocyanine acceptors for ratiometric determination of lysosomal pH variance. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 294, 1-13	8.5 43
159	Ratiometric Fluorescent Quantification of the Size-Dependent Cellular Toxicity of Silica Nanoparticles. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 6088-6096	7.8 22
158	Lysosome-specific sensing and imaging of pH variations in vitro and in vivo utilizing a near-infrared boron complex. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 3569-3575	7.3 15
157	A dual-emission two-photon fluorescent probe for specific-cysteine imaging in lysosomes and in vivo. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 293, 247-255	8.5 22
156	H <sub>2</sub> O <sub>2</sub> -Responsive Organosilica-Doxorubicin Nanoparticles for Targeted Imaging and Killing of Cancer Cells Based on a Synthesized Silane-Borate Precursor. <b>2019</b> , 14, 1079-1085	11
155	A lysosome-targeting and polarity-specific fluorescent probe for cancer diagnosis. <i>Chemical Communications</i> , <b>2019</b> , 55, 4703-4706	5.8 40
154	A Simple Fluorescent Probe for Sensing pH and its Application in E. coli Cells. <b>2019</b> , 29, 619-626	3
153	Ratiometric theranostic nanoprobe for pH imaging-guided photodynamic therapy. <b>2019</b> , 11, 9008-9014	10
152	A ratiometric near-infrared fluorescence strategy based on spiropyran in situ switching for tracking dynamic changes of live-cell lysosomal pH. <i>Dyes and Pigments</i> , <b>2019</b> , 166, 433-442	4.6 23
151	Silk Fibroin-Coated Nanoagents for Acidic Lysosome Targeting by a Functional Preservation Strategy in Cancer Chemotherapy. <b>2019</b> , 9, 961-973	27
150	Zn Complexes for Bioimaging and Correlated Applications. <b>2019</b> , 14, 509-526	6
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148	A copper-mediated on-off-on gold nanocluster for endogenous GSH sensing to drive cancer cell recognition. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 2169-2176	7.3 24
147	Synthesis of highly selective lysosomal markers by coupling 2-(2'-hydroxyphenyl)benzothiazole (HBT) with benzothiazolium cyanine (Cy): the impact of substituents on selectivity and optical properties. <i>Journal of Materials Chemistry B</i> , <b>2019</b> , 7, 7502-7514	7.3 7
146	A BODIPY-Based Water-Soluble Fluorescent Probe for Naked Eye Detection of pH. <b>2019</b> , 29, 1423-1429	2
145	-Designed Near-Infrared Nanoaggregates for Super-Resolution Monitoring of Lysosomes in Cells, in Whole Organoids, and. <i>ACS Nano</i> , <b>2019</b> , 13, 14426-14436	16.7 34

144	Where in the Cell Is our Cargo? Methods Currently Used To Study Intracellular Cytosolic Localisation. <b>2019</b> , 20, 488-498		21
143	The Optoelectronic Nose: Colorimetric and Fluorometric Sensor Arrays. <b>2019</b> , 119, 231-292		404
142	A pH-insensitive near-infrared fluorescent probe for wash-free lysosome-specific tracking with long time during physiological and pathological processes. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 285, 156-163	8.5	16
141	A Copper Nanocluster-Based Fluorescent Probe for Real-Time Imaging and Ratiometric Biosensing of Calcium Ions in Neurons. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 2488-2497	7.8	45
140	A naphthalene-based fluorescent probe for ratiometric imaging of lysosomal hydrogen sulfide in living cells. <i>Methods and Applications in Fluorescence</i> , <b>2018</b> , 7, 014002	3.1	3
139	Molecular Design Strategy to Construct the Near-Infrared Fluorescent Probe for Selectively Sensing Human Cytochrome P450 2J2. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 1126-1134	16.4	107
138	A ratiometric fluorescent probe for the detection of peroxynitrite with simple synthesis and large emission shift and its application in cells image. <i>Dyes and Pigments</i> , <b>2019</b> , 161, 288-295	4.6	34
137	Lysosome targeting carbon dots-based fluorescent probe for monitoring pH changes in vitro and in vivo. <b>2020</b> , 381, 122665		41
136	The application of bioactive pyrazolopyrimidine unit for the construction of fluorescent biomarkers. <i>Dyes and Pigments</i> , <b>2020</b> , 173, 107878	4.6	13
135	An effective FRET-based two-photon ratiometric fluorescent probe with double well-resolved emission bands for lysosomal pH changes in living cells and zebrafish. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2020</b> , 224, 117397	4.4	13
134	Design and Expeditious Synthesis of Quinoline-Pyrene-Based Ratiometric Fluorescent Probes for Targeting Lysosomal pH. <b>2020</b> , 21, 1492-1498		5
133	A mitochondria/lysosome-targeting fluorescence probe based on azonia-cyanine dye and its application in nitroreductase detection. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 307, 127653	8.5	20
132	A near-infrared fluorescent probe reveals decreased mitochondrial polarity during mitophagy. <b>2019</b> , 11, 1617-1622		55
131	Aggregation-induced emission luminogens for RONS sensing. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 3357-3370	7.3	21
130	Near-Infrared Fluorescence Probe for Evaluating Acetylcholinesterase Activity in PC12 Cells and In Situ Tracing AChE Distribution in Zebrafish. <i>ACS Sensors</i> , <b>2020</b> , 5, 83-92	9.2	21
129	A turn-off fluorescence probe based on terpyridine for pH monitoring. <i>Luminescence</i> , <b>2020</b> , 35, 373-378	2.5	4
128	Small-molecule coumarin fluorescent pH probes for extremely acidic conditions. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 307, 127646	8.5	15
127	Imaging stressed organelles via sugar-conjugated color-switchable pH sensors. <b>2020</b> , 145, 1319-1327		5

126	Dual-Functional NIR AIEgens for High-Fidelity Imaging of Lysosomes in Cells and Photodynamic Therapy. <i>ACS Sensors</i> , <b>2020</b> , 5, 225-233	9.2	22
125	A near-infrared rhodamine-based lysosomal pH probe and its application in lysosomal pH rise during heat shock. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2020</b> , 227, 117761	4.4	16
124	Mitochondria-Targeted Fluorescent and Photoacoustic Imaging of Hydrogen Peroxide in Inflammation. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 14244-14250	7.8	16
123	A DNA-Based FLIM Reporter for Simultaneous Quantification of Lysosomal pH and Ca during Autophagy Regulation. <b>2020</b> , 23, 101344		6
122	A Bioresponsive Near-Infrared Fluorescent Probe for Facile and Persistent Live-Cell Tracking. <b>2020</b> , 16, e2002211		7
121	Stimuli responsive nanoplatform with mitochondria-specific multiple model therapeutics for effective tumor treatment. <b>2020</b> , 21, 100883		4
120	A red-emission fluorescent probe for visual monitoring of lysosomal pH changes during mitophagy and cell apoptosis. <b>2020</b> , 145, 7018-7024		8
119	Lysosome-targeted ratiometric fluorescent sensor for monitoring pH in living cells based on one-pot-synthesized carbon dots. <b>2020</b> , 187, 478		11
118	A pyrene-based ratiometric fluorescent probe with a large Stokes shift for selective detection of hydrogen peroxide in living cells. <b>2020</b> , 10, 490-497		7
117	A chemical covalent tactic for bio-thiol sensing and protein labeling agent design. <i>Chemical Communications</i> , <b>2020</b> , 56, 11485-11488	5.8	3
116	Multifunctional rhodamine B appended ROMP derived fluorescent probe detects Al and selectively labels lysosomes in live cells. <i>Scientific Reports</i> , <b>2020</b> , 10, 19519	4.9	4
115	A fluoran-based viscosity probe with high-performance for lysosome-targeted fluorescence imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2020</b> , 238, 118405	4.4	13
114	Cell organelle targeting of near-infrared croconaine dye controls photothermal outcome. <i>Chemical Communications</i> , <b>2020</b> , 56, 6977-6980	5.8	5
113	Trichromatic-emission and dual-ratio semiconducting polymer dots as fluorescent probe for simultaneous quantification of Cu and pH in vitro and in vivo. <i>Chemical Communications</i> , <b>2020</b> , 56, 8647-8650	5.8	12
112	A fluorimetric water-soluble polymeric pH chemosensor for extremely acidic conditions: Live-cell and bacterial imaging application. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 320, 128379	8.5	7
111	Near infrared fluorogenic probe as a prodrug model for evaluating cargo release by nanoemulsions. <i>Journal of Materials Chemistry B</i> , <b>2020</b> , 8, 5938-5944	7.3	4
110	A ratiometric near-infrared naphthalimide-based fluorescent probe with high sensitivity for detecting Fe <sup>2+</sup> in vivo. <i>Chinese Chemical Letters</i> , <b>2020</b> , 31, 2941-2944	8.1	12
109	Real-time tracking of mitochondrial dynamics by a dual-sensitive probe. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 320, 128418	8.5	4



108	Synthesis, evaluation of biological activity studies of iridium(III) complexes against human gastric carcinoma SGC-7901 cells. <b>2020</b> , 118, 108012		3
107	Bioorthogonal Phosphorogenic Rhenium(I) Polypyridine Sydnone Complexes for Specific Lysosome Labeling. <b>2020</b> , 85, 1374-1378		11
106	Specific Near-Infrared Probe for Ultrafast Imaging of Lysosomal $\beta$ -Galactosidase in Ovarian Cancer Cells. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 5772-5779	7.8	23
105	FRET-based colorimetric and ratiometric sensor for visualizing pH change and application for bioimaging in living cells, bacteria and zebrafish. <b>2020</b> , 1127, 29-38		15
104	Bithiophene-based fluorescent sensor for highly sensitive and ultrarapid detection of Hg in water, seafood, urine and live cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2020</b> , 233, 118208	4.4	22
103	Advances in fluorescent probes for detection and imaging of endogenous tyrosinase activity. <b>2020</b> , 594, 113614		12
102	monitoring of tissue regeneration using a ratiometric lysosomal AIE probe. <b>2020</b> , 11, 3152-3163		24
101	Liposomes encapsulated iridium(III) polypyridyl complexes enhance anticancer activity in vitro and in vivo. <b>2020</b> , 205, 111014		25
100	A lysosome-targeted near-infrared fluorescent probe for imaging of acid phosphatase in living cells. <b>2020</b> , 18, 1148-1154		13
99	Label Free, Nontoxic Cu-GSH NCs as a Nanoplatfrom for Cancer Cell Imaging and Subcellular pH Monitoring Modulated by a Specific Inhibitor: Bafilomycin A1.. <b>2020</b> , 3, 1245-1257		11
98	Heat Stroke in Cell Tissues Related to Sulfur Dioxide Level Is Precisely Monitored by Light-Controlled Fluorescent Probes. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 3262-3268	16.4	96
97	I-Motif/miniduplex hybrid structures bind benzothiazole dyes with unprecedented efficiencies: a generic light-up system for label-free DNA nanoassemblies and bioimaging. <b>2020</b> , 48, 1681-1690		11
96	In Situ Fluorescent and Photoacoustic Imaging of Golgi pH to Elucidate the Function of Transmembrane Protein 165. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 3103-3110	7.8	17
95	Dual-functioning IQ-LVs as lysosomal viscosity probes with red-shifted emission and inhibitors of autophagic flux. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 309, 127764	8.5	17
94	Imidazole-fused benzothiadiazole-based red-emissive fluorescence probe for lysosomal pH imaging in living cells. <i>Talanta</i> , <b>2020</b> , 217, 121066	6.2	7
93	A novel hepatocyte-targeting ratiometric fluorescent probe for imaging hydrogen peroxide in zebrafish. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 313, 128054	8.5	25
92	One-Step Fabrication of Functional Carbon Dots with 90% Fluorescence Quantum Yield for Long-Term Lysosome Imaging. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 6430-6436	7.8	43
91	Lysozyme-targeted ratiometric fluorescent probe for SO <sub>2</sub> in living cells. <i>Dyes and Pigments</i> , <b>2020</b> , 180, 108440	4.6	10

90	Bioanalysis in single cells: current advances and challenges. <b>2020</b> , 63, 564-588		5
89	An azacyclo-localizing fluorescent probe for the specific labeling of lysosome and autolysosome. <i>Talanta</i> , <b>2020</b> , 216, 120941	6.2	4
88	Simultaneous visualization of lipid droplets and lysosomes using a single fluorescent probe. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 329, 129148	8.5	15
87	Advances in organelle-targeting carbon dots. <b>2021</b> , 29, 394-406		5
86	Optimized self-immolative near-infrared probe based on hemicyanine for highly specific monitoring thiophenols in living systems. <i>Talanta</i> , <b>2021</b> , 224, 121785	6.2	7
85	A self-immolative near-infrared probe based on hemi-benzothiazolecyanine for visualizing hydrogen peroxide in living cells and mice. <i>Dyes and Pigments</i> , <b>2021</b> , 186, 108954	4.6	8
84	Lysosome-targeting pH indicator based on peri-fused naphthalene monoimide with superior stability for long term live cell imaging. <i>Journal of Materials Chemistry B</i> , <b>2021</b> , 9, 112-124	7.3	5
83	Red AIE Luminogens with Tunable Organelle Specific Anchoring for Live Cell Dynamic Super Resolution Imaging. <b>2021</b> , 31, 2009329		15
82	An ICT-based fluorescent probe for ratiometric monitoring the fluctuations of peroxynitrite in mitochondria. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 328, 129069	8.5	13
81	Design, synthesis and application of a dual-functional fluorescent probe for reactive oxygen species and viscosity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2021</b> , 246, 119059	4.4	24
80	Exploiting novel rotors with auxochromic dynamic motors for monitoring lysosomal viscosity. <i>Dyes and Pigments</i> , <b>2021</b> , 186, 108974	4.6	4
79	Alkaline phosphatase-triggered self-assembly of near-infrared nanoparticles for the enhanced photoacoustic imaging of tumors. <b>2021</b> , 657, 111-144		0
78	Revealing Minor pH Changes of Mitochondria by a Highly Sensitive Molecular Fluorescent Probe. <b>2021</b> , 16, 342-347		2
77	Fluorescent probe for the imaging of superoxide and peroxynitrite during drug-induced liver injury. <b>2021</b> , 12, 3921-3928		30
76	A carbon dots-based ratiometric fluorescence probe for monitoring intracellular pH and bioimaging. <b>2021</b> , 409, 113129		3
75	Synthesis of Silicon Nanoparticles Emitting Yellow-Green Fluorescence for Visualization of pH Change and Determination of Intracellular pH of Living Cells. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 5185-5193	7.8	9
74	Intracellular pH - Advantages and pitfalls of surface-enhanced Raman scattering and fluorescence microscopy - A review. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2021</b> , 251, 119410	4.4	12
73	Naphthalimide-based fluorescent probe for selective and sensitive sensing of formaldehyde and biological applications. <i>Dyes and Pigments</i> , <b>2021</b> , 188, 109156	4.6	10

72	Recent advances in development of devices and probes for sensing and imaging in the brain. <b>2021</b> , 64, 915-931		6
71	Recent progress in developing fluorescent probes for imaging cell metabolites. <b>2021</b> , 16,		3
70	Monitoring of the decreased mitochondrial viscosity during heat stroke with a mitochondrial AIE probe. <b>2021</b> , 413, 3823-3831		3
69	A fluorescent nanoprobe based on cell-penetrating peptides and quantum dots for ratiometric monitoring of pH fluctuation in lysosomes. <i>Talanta</i> , <b>2021</b> , 227, 122208	6.2	4
68	Cathepsin B-Activated Fluorescent and Photoacoustic Imaging of Tumor. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 9304-9308	7.8	3
67	Real-time tracking lysosomal pH changes under heatstroke and redox stress with a novel near-infrared emissive probe. <i>Talanta</i> , <b>2021</b> , 228, 122184	6.2	7
66	Fluorescent Silicon-based Nanomaterials Imaging Technology in Diseases. <b>2021</b> , 37, 880-888		1
65	One probe for multiple targets: A NIR fluorescent rhodamine-based probe for ONOO <sup>-</sup> and lysosomal pH detection in live cells. <i>Sensors and Actuators B: Chemical</i> , <b>2021</b> , 337, 129732	8.5	18
64	Genetically Encoded, pH-Sensitive mTFP1 Biosensor for Probing Lysosomal pH. <i>ACS Sensors</i> , <b>2021</b> , 6, 2168-2180	9.2	10
63	Acidic pH-Activatable Visible to Near-Infrared Switchable Ratiometric Fluorescent Probe for Live-Cell Lysosome Targeted Imaging. <i>ACS Sensors</i> , <b>2021</b> , 6, 2141-2146	9.2	9
62	Preparation of a Novel pH-responsive Fluorescent Probe Based on an Imidazo[1,2-a]indole Fluorophore and its Application in Detecting Extremely Low pH in <i>Saccharomyces cerevisiae</i> . <b>2021</b> , 31, 1219-1225		0
61	A pH-Sensitive Spirocyclization Strategy for Constructing a Single Fluorescent Probe Simultaneous Two-Color Visualizing of Lipid Droplets and Lysosomes and Monitoring of Lipophagy. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 11729-11735	7.8	12
60	Visible Fluorescent Light-up Probe for DNA Three-Way Junctions Provides Host-Guest Biosensing Applications.. <b>2021</b> , 4, 6732-6741		2
59	Hemicyanine-Based Near-Infrared Activatable Probes for Imaging and Diagnosis of Diseases.		6
58	Hemicyanine-Based Near-Infrared Activatable Probes for Imaging and Diagnosis of Diseases. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 26454-26475	16.4	41
57	An FRET-ICT-based ratiometric fluorescent and colorimetric probe for pH monitoring in lysosomes and water. <i>Dyes and Pigments</i> , <b>2021</b> , 193, 109481	4.6	6
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55	Developed a ratiometric fluorescence pH nanosensor based on label-free carbon dots for intracellular lysosome imaging and water pH monitoring with a smartphone. <i>Dyes and Pigments</i> , <b>2021</b> , 193, 109490	4.6	5

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