

Ruilong Zhang

List of Publications by Year in descending order

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36
papers

1,236
citations

643344

15
h-index

406436

35
g-index

36
all docs

36
docs citations

36
times ranked

1922
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-time quantification of nuclear RNA export using an intracellular relocation probe. Chinese Chemical Letters, 2022, 33, 3865-3868.	4.8	4
2	Recovery Mechanism of Endoplasmic Reticulum Revealed by Fluorescence Lifetime Imaging in Live Cells. Analytical Chemistry, 2022, 94, 5173-5180.	3.2	7
3	Fluorescence imaging of intracellular telomerase activity for tumor cell identification by oligonucleotide-functionalized gold nanoparticles. Analyst, The, 2022, 147, 2405-2411.	1.7	7
4	Single-wavelength-excited fluorogenic nanoprobe for accurate realtime ratiometric analysis of broad pH fluctuations in mitophagy. Nano Research, 2022, 15, 6515-6521.	5.8	3
5	One-step synthesized amphiphilic carbon dots for the super-resolution imaging of endoplasmic reticulum in live cells. RSC Advances, 2022, 12, 19424-19430.	1.7	10
6	Revealing lipid droplets evolution at nanoscale under proteohormone stimulation by a BODIPY-hexylcarbazole derivative. Biosensors and Bioelectronics, 2021, 175, 112871.	5.3	16
7	Live cell mitochondrial 3-dimensional dynamic ultrastructures under oxidative phosphorylation revealed by a Pyridine-BODIPY probe. Biosensors and Bioelectronics, 2021, 178, 113036.	5.3	8
8	Revealing Sulfur Dioxide Regulation to Nucleophagy in Embryo Development by an Adaptive Coloration Probe. Analytical Chemistry, 2021, 93, 13667-13672.	3.2	6
9	Real-time imaging of viscosity in the mitochondrial matrix by a red-emissive molecular rotor. Analytical Methods, 2021, 13, 3181-3186.	1.3	5
10	Revealing the signaling regulation of hydrogen peroxide to cell pyroptosis using a ratiometric fluorescent probe in living cells. Chemical Communications, 2021, 57, 6628-6631.	2.2	6
11	Live-Cell Imaging: A Cyclometalated Iridium (III) Complex as a Microtubule Probe for Correlative Super-Resolution Fluorescence and Electron Microscopy (Adv. Mater. 39/2020). Advanced Materials, 2020, 32, 2070296.	11.1	0
12	Real-time monitoring of lipid droplets growth via the fusion with fluorescent dye-labeled adiposomes. Dyes and Pigments, 2020, 182, 108653.	2.0	3
13	A Multi-responsive Fluorescent Probe Reveals Mitochondrial Nucleoprotein Dynamics with Reactive Oxygen Species Regulation through Super-resolution Imaging. Angewandte Chemie, 2020, 132, 16288-16294.	1.6	5
14	A Cyclometalated Iridium (III) Complex as a Microtubule Probe for Correlative Super-Resolution Fluorescence and Electron Microscopy. Advanced Materials, 2020, 32, e2003901.	11.1	20
15	<i>In situ</i> imaging of intracellular human telomerase RNA with molecular beacon-functionalized gold nanoparticles. Analytical Methods, 2020, 12, 2385-2390.	1.3	3
16	A Multi-responsive Fluorescent Probe Reveals Mitochondrial Nucleoprotein Dynamics with Reactive Oxygen Species Regulation through Super-resolution Imaging. Angewandte Chemie - International Edition, 2020, 59, 16154-16160.	7.2	48
17	Real-time tracking of mitochondrial dynamics by a dual-sensitive probe. Sensors and Actuators B: Chemical, 2020, 320, 128418.	4.0	8
18	Light-Up Lipid Droplets Dynamic Behaviors Using a Red-Emitting Fluorogenic Probe. Analytical Chemistry, 2020, 92, 3613-3619.	3.2	104

#	ARTICLE	IF	CITATIONS
19	Membrane-Penetrating Carbon Quantum Dots for Imaging Nucleic Acid Structures in Live Organisms. <i>Angewandte Chemie</i> , 2019, 131, 7161-7165.	1.6	19
20	Membrane-Penetrating Carbon Quantum Dots for Imaging Nucleic Acid Structures in Live Organisms. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7087-7091.	7.2	131
21	Gasotransmitter Regulation of Phosphatase Activity in Live Cells Studied by Three-Channel Imaging Correlation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2261-2265.	7.2	50
22	Gasotransmitter Regulation of Phosphatase Activity in Live Cells Studied by Three-Channel Imaging Correlation. <i>Angewandte Chemie</i> , 2019, 131, 2283-2287.	1.6	5
23	Coumarin-Based Fluorescent Probes for Super-resolution and Dynamic Tracking of Lipid Droplets. <i>Analytical Chemistry</i> , 2019, 91, 977-982.	3.2	102
24	Real-time visualizing the regulation of reactive oxygen species on Zn ²⁺ release in cellular lysosome by a specific fluorescent probe. <i>Sensors and Actuators B: Chemical</i> , 2018, 264, 419-425.	4.0	14
25	Cross-Platform Cancer Cell Identification Using Telomerase-Specific Spherical Nucleic Acids. <i>ACS Nano</i> , 2018, 12, 3629-3637.	7.3	66
26	Dynamic mapping of spontaneously produced H ₂ S in the entire cell space and in live animals using a rationally designed molecular switch. <i>Analyst, The</i> , 2018, 143, 1881-1889.	1.7	13
27	Dual-Colored Carbon Dot Ratiometric Fluorescent Test Paper Based on a Specific Spectral Energy Transfer for Semiquantitative Assay of Copper Ions. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 18897-18903.	4.0	133
28	Halides tuning the subcellular-targeting in two-photon emissive complexes via different uptake mechanisms. <i>Chemical Communications</i> , 2017, 53, 7941-7944.	2.2	10
29	A pyridinyl-organoboron complex as dual functional chemosensor for mercury ions and gaseous acid/base. <i>Sensors and Actuators B: Chemical</i> , 2017, 243, 642-649.	4.0	13
30	Click-Functionalized SERS Nanoprobes with Improved Labeling Efficiency and Capability for Cancer Cell Imaging. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 38222-38229.	4.0	41
31	Multicolorful ratiometric-fluorescent test paper for determination of fluoride ions in environmental water. <i>RSC Advances</i> , 2017, 7, 53379-53384.	1.7	24
32	A single dual-emissive nanofluorophore test paper for highly sensitive colorimetry-based quantification of blood glucose. <i>Biosensors and Bioelectronics</i> , 2016, 86, 530-535.	5.3	67
33	Visualization of exhaled hydrogen sulphide on test paper with an ultrasensitive and time-gated luminescent probe. <i>Analyst, The</i> , 2016, 141, 4919-4925.	1.7	18
34	Real-Time Discrimination and Versatile Profiling of Spontaneous Reactive Oxygen Species in Living Organisms with a Single Fluorescent Probe. <i>Journal of the American Chemical Society</i> , 2016, 138, 3769-3778.	6.6	253
35	•-Conjugated Carbon Radicals at Graphene Oxide to Initiate Ultrastrong Chemiluminescence. <i>Angewandte Chemie</i> , 2014, 126, 10273-10277.	1.6	9
36	Two polymorphs and cocrystal of styryl-pyridine derivatives with tuned emission induced by Co ²⁺ and Zn(phen) ₃ ²⁺ . <i>CrystEngComm</i> , 2014, 16, 2039.	1.3	5