Baoli Dong

List of Publications by Year
in descending order

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67	2,919	236612 25	168136 53
papers	citations	h-index	g-index

68	68	68	2695
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fluorescent chemosensors manipulated by dual/triple interplaying sensing mechanisms. Chemical Society Reviews, 2016, 45, 6449-6461.	18.7	363
2	Development of a Twoâ€Photon Fluorescent Probe for Imaging of Endogenous Formaldehyde in Living Tissues. Angewandte Chemie - International Edition, 2016, 55, 3356-3359.	7.2	279
3	A Unique â€œIntegrationâ€•Strategy for the Rational Design of Optically Tunable Near-Infrared Fluorophores. Accounts of Chemical Research, 2017, 50, 1410-1422.	7.6	263
4	Dual Site-Controlled and Lysosome-Targeted Intramolecular Charge Transferâ€“Photoinduced Electron Transferâ€“Fluorescence Resonance Energy Transfer Fluorescent Probe for Monitoring pH Changes in Living Cells. Analytical Chemistry, 2016, 88, 4085-4091.	3.2	220
5	Simultaneous Nearâ€Infrared and Twoâ€Photon In Vivo Imaging of H₂O₂ Using a Ratiometric Fluorescent Probe based on the Unique Oxidative Rearrangement of Oxonium. Advanced Materials, 2016, 28, 8755-8759.	11.1	193
6	Dynamically Monitoring Cell Viability in a Dualâ€Color Mode: Construction of an Aggregation/Monomerâ€Based Probe Capable of Reversible Mitochondriaâ€Nucleus Migration. Angewandte Chemie - International Edition, 2018, 57, 16506-16510.	7.2	108
7	Construction of a Nearâ€Infrared Fluorescent Turnâ€On Probe for Selenol and Its Bioimaging Application in Living Animals. Chemistry - A European Journal, 2015, 21, 11696-11700.	1.7	94
8	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.	4.0	94
9	Ratiometric Imaging of Cysteine Level Changes in Endoplasmic Reticulum during H₂O₂-Induced Redox Imbalance. Analytical Chemistry, 2019, 91, 5513-5516.	3.2	79
10	Discriminating Live and Dead Cells in Dual-Color Mode with a Two-Photon Fluorescent Probe Based on ESIPT Mechanism. Analytical Chemistry, 2018, 90, 998-1005.	3.2	74
11	A tumor-targeting and lysosome-specific two-photon fluorescent probe for imaging pH changes in living cells. Journal of Materials Chemistry B, 2017, 5, 988-995.	2.9	61
12	Unique Dâ€“Ïâ€“Aâ€“Ïâ€“D type fluorescent probes for the two-photon imaging of intracellular viscosity. Journal of Materials Chemistry B, 2018, 6, 381-385.	2.9	50
13	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.	2.2	46
14	Binding Reaction Sites to Polysiloxanes: Unique Fluorescent Probe for Reversible Detection of ClO^{â€“}/GSH Pair and the in Situ Imaging in Live Cells and Zebrafish. Analytical Chemistry, 2019, 91, 1719-1723.	3.2	46
15	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.	3.2	45
16	Development of green to near-infrared turn-on fluorescent probes for the multicolour imaging of nitroxyl in living systems. Journal of Materials Chemistry B, 2016, 4, 1263-1269.	2.9	43
17	Reaction-Based Fluorescent Probes for the Imaging of Nitroxyl (HNO) in Biological Systems. ACS Chemical Biology, 2018, 13, 1714-1720.	1.6	38
18	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.	2.2	38

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19	Construction of mitochondria-nucleolus shuttling fluorescent probe for the reversible detection of mitochondrial membrane potential. Sensors and Actuators B: Chemical, 2019, 292, 16-23.	4.0	36
20	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.	2.0	34
21	Two-photon red-emissive fluorescent probe for imaging nitroxyl (HNO) in living cells and tissues. Journal of Materials Chemistry B, 2017, 5, 5218-5224.	2.9	33
22	Unique pH-Sensitive RNA Binder for Ratiometric Visualization of Cell Apoptosis. Analytical Chemistry, 2019, 91, 10056-10063.	3.2	33
23	Intramolecular Spirocyclization Enables Design of a Single Fluorescent Probe for Monitoring the Interplay between Mitochondria and Lipid Droplets. Analytical Chemistry, 2021, 93, 3602-3610.	3.2	33
24	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.	1.4	28
25	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.	4.0	27
26	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.	2.2	27
27	A novel mitochondria-targeted fluorescent probe for imaging hydrazine in living cells, tissues and animals. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 356, 321-328.	2.0	26
28	Development of a Twoâ€Photon Fluorescent Probe for Imaging of Endogenous Formaldehyde in Living Tissues. Angewandte Chemie, 2016, 128, 3417-3420.	1.6	25
29	Dual turn-on fluorescence signal-based controlled release system for real-time monitoring of drug release dynamics in living cells and tumor tissues. Theranostics, 2018, 8, 800-811.	4.6	25
30	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.	1.7	23
31	A unique red-emitting two-photon fluorescent probe with tumor-specificity for imaging in living cells and tissues. Talanta, 2017, 174, 357-364.	2.9	21
32	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.	2.0	21
33	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.	1.3	20
34	A sensitive and selective red fluorescent probe for imaging of cysteine in living cells and animals. Analytical Methods, 2017, 9, 1891-1896.	1.3	18
35	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.	4.0	18
36	Dual siteâ€controlled twoâ€photon fluorescent probe for the imaging of lysosomal pH in living cells. Luminescence, 2018, 33, 1275-1280.	1.5	17

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37	A cancer cell-specific two-photon fluorescent probe for imaging hydrogen sulfide in living cells. RSC Advances, 2017, 7, 15817-15822.	1.7	16
38	Unique phenanthrenequinone imidazole-based fluorescent materials with aggregation-induced or two-photon emission. Journal of Materials Chemistry B, 2017, 5, 7801-7808.	2.9	16
39	A two-photon endoplasmic reticulum-targeting fluorescent probe for the imaging of pH in living cells and zebrafish. Analytical Methods, 2018, 10, 5702-5706.	1.3	16
40	Construction of single fluorescent probes for separately visualizing duple organelles in different emission colors. Sensors and Actuators B: Chemical, 2021, 343, 130168.	4.0	16
41	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.	1.4	15
42	A PET and ESIPT based fluorescent probe for the imaging of hydrogen sulfide (H₂S) in live cells and zebrafish. Analytical Methods, 2019, 11, 3301-3306.	1.3	15
43	A strategy to construct fluorescent non-aromatic small-molecules: hydrogen bonds contributing to the unexpected fluorescence. Chemical Communications, 2020, 56, 4424-4427.	2.2	15
44	A cancer cell-specific fluorescent probe for imaging Cu 2+ in living cancer cells. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 182, 32-36.	2.0	14
45	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.	1.3	14
46	Endoplasmic reticulum-specific fluorescent probe for the two-photon imaging of endogenous superoxide anion (O2â€¢-) in live cells and zebrafishes. Talanta, 2021, 225, 122020.	2.9	13
47	FÃ¶rster Resonance Energy Transfer-Based Fluorescent Probe for the Selective Imaging of Hydroxylamine in Living Cells. Analytical Chemistry, 2019, 91, 11397-11402.	3.2	12
48	A sensitive and selective fluorescent probe for the detection of endogenous peroxynitrite (ONOO^{â^’}) in living cells. Analytical Methods, 2020, 12, 2841-2845.	1.3	12
49	Robust Organoalkoxysilanes as Red Unconventional Fluorescent Platform. Advanced Functional Materials, 2020, 30, 1910536.	7.8	12
50	Development of a mitochondrial-targeted ratiometric probe for the detection of SO2 in living cells and zebrafishes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 209, 196-201.	2.0	11
51	Dual-Emissive Probe for Reversible Visualization of Î”Î¨_m Revealing Voltage Heterogeneity in a Single Mitochondrion. Analytical Chemistry, 2021, 93, 3493-3501.	3.2	10
52	Triphenylamine-based silsesquioxane derivatives for multiple anion recognition via anion effect and solvent effect. Sensors and Actuators B: Chemical, 2021, 338, 129837.	4.0	10
53	An enzyme-activated two-photon ratiometric fluorescent probe with lysosome targetability for imaging Î²-glucuronidase in colon cancer cells and tissue. Analytica Chimica Acta, 2022, 1192, 339354.	2.6	10
54	Dynamically Monitoring Cell Viability in a Dualâ€Color Mode: Construction of an Aggregation/Monomerâ€Based Probe Capable of Reversible Mitochondriaâ€Nucleus Migration. Angewandte Chemie, 2018, 130, 16744-16748.	1.6	9

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55	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.	2.0	9
56	Two-photon Fluorescent Sensors for Visual Detection of Abnormal Superoxide Anion in Diabetes Mice. Sensors and Actuators B: Chemical, 2021, 332, 129537.	4.0	9
57	Amphiphilic copolymer fluorescent probe for mitochondrial viscosity detection and its application in living cells. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 252, 119499.	2.0	8
58	Mitochondria-targeted and FRET-based fluorescent probe for the imaging of endogenous SO2 in living cells. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 265, 120397.	2.0	8
59	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.	2.9	7
60	Two-photon fluorescent probes for detecting the viscosity of lipid droplets and its application in living cells. RSC Advances, 2021, 11, 8250-8254.	1.7	7
61	A mitochondria-targeting ratiometric fluorescent probe for the detection of sulfur dioxide in living cells. New Journal of Chemistry, 2020, 44, 11988-11992.	1.4	7
62	Two-photon imaging of 1,4-dithiothreitol (DTT) by a red-emissive fluorescent probe in living cells, tissues and animals. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 205, 528-533.	2.0	6
63	Development of a Xanthene-Based Red-Emissive Fluorescent Probe for Visualizing H2O2 in Living Cells, Tissues and Animals. Journal of Fluorescence, 2018, 28, 681-687.	1.3	5
64	A new xantheneâ€based twoâ€photon fluorescent probe for the imaging of 1,4â€dithiothreitol (DTT) in living cells. Luminescence, 2018, 33, 1048-1053.	1.5	5
65	Hot-Band Absorption of a Cationic RNA Probe Enables Visualization of Î”Î¨_m via the Controllable Anti-Stokes Shift Emission. Analytical Chemistry, 2022, 94, 960-967.	3.2	5
66	Revealing the Phase Separation in ER Membranes of Living Cells and Tissues by In Situ NIR Ratiometric Imaging. Analytical Chemistry, 2022, 94, 2844-2854.	3.2	4
67	Permeability-Controlled Probe for Directly Visualizing the Opening of Mitochondrial Permeability Transition Pore in Native Status. Analytical Chemistry, 2022, 94, 5255-5264.	3.2	4