Baoli Dong

List of Publications by Year in Descending Order

64 papers	2,065 citations	20 h-index	44 g-index
68 ext. papers	2,497 ext. citations	7.5 avg, IF	5.56 L-index

#	Paper	IF	Citations
64	An enzyme-activated two-photon ratiometric fluorescent probe with lysosome targetability for imaging glucuronidase in colon cancer cells and tissue.. *Analytica Chimica Acta*, **2022**, 1192, 339354	6.6	3
63	Mitochondria-targeted and FRET-based fluorescent probe for the imaging of endogenous SO in living cells. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2022**, 265, 120397	4.4	1
62	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
61	Two-photon Fluorescent Sensors for Visual Detection of Abnormal Superoxide Anion in Diabetes Mice. *Sensors and Actuators B: Chemical*, **2021**, 332, 129537	8.5	2
60	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	4.4	6
59	Triphenylamine-based silsesquioxane derivatives for multiple anion recognition via anion effect and solvent effect. *Sensors and Actuators B: Chemical*, **2021**, 338, 129837	8.5	4
58	Endoplasmic reticulum-specific fluorescent probe for the two-photon imaging of endogenous superoxide anion (O) in live cells and zebrafishes. *Talanta*, **2021**, 225, 122020	6.2	4
57	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	3.2	5
56	Dual-Emissive Probe for Reversible Visualization of Revealing Voltage Heterogeneity in a Single Mitochondrion. *Analytical Chemistry*, **2021**, 93, 3493-3501	7.8	3
55	Intramolecular Spirocyclization Enables Design of a Single Fluorescent Probe for Monitoring the Interplay between Mitochondria and Lipid Droplets. *Analytical Chemistry*, **2021**, 93, 3602-3610	7.8	13
54	Construction of single fluorescent probes for separately visualizing duple organelles in different emission colors. *Sensors and Actuators B: Chemical*, **2021**, 343, 130168	8.5	5
53	Two-photon fluorescent probes for detecting the viscosity of lipid droplets and its application in living cells.. *RSC Advances*, **2021**, 11, 8250-8254	3.7	1
52	A sensitive and selective fluorescent probe for the detection of endogenous peroxynitrite (ONOO) in living cells. *Analytical Methods*, **2020**, 12, 2841-2845	3.2	4
51	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	4.4	3
50	A strategy to construct fluorescent non-aromatic small-molecules: hydrogen bonds contributing to the unexpected fluorescence. *Chemical Communications*, **2020**, 56, 4424-4427	5.8	10
49	Robust Organoalkoxysilanes as Red Unconventional Fluorescent Platform. *Advanced Functional Materials*, **2020**, 30, 1910536	15.6	6
48	A mitochondria-targeting ratiometric fluorescent probe for the detection of sulfur dioxide in living cells. *New Journal of Chemistry*, **2020**, 44, 11988-11992	3.6	5

47	A dual-site controlled fluorescent sensor for the facile and fast detection of HO in DO by two turn-on emission signals. *Chemical Communications*, **2020**, 56, 1191-1194	5.8	14
46	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	8.5	11
45	Visualizing cellular sodium hydrosulfite (NaSO) using azo-based fluorescent probes with a high signal-to-noise ratio. *Journal of Materials Chemistry B*, **2019**, 7, 730-733	7.3	5
44	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	3.6	8
43	A near-infrared and two-photon dual-mode fluorescent probe for the colorimetric monitoring of SOin vitro and in vivo. *Analyst, The*, **2019**, 144, 4371-4379	5	16
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	3.2	8
41	Ratiometric Imaging of Cysteine Level Changes in Endoplasmic Reticulum during HO-Induced Redox Imbalance. *Analytical Chemistry*, **2019**, 91, 5513-5516	7.8	52
40	Construction of mitochondria-nucleolus shuttling fluorescent probe for the reversible detection of mitochondrial membrane potential. *Sensors and Actuators B: Chemical*, **2019**, 292, 16-23	8.5	18
39	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	5.8	31
38	F□ster Resonance Energy Transfer-Based Fluorescent Probe for the Selective Imaging of Hydroxylamine in Living Cells. *Analytical Chemistry*, **2019**, 91, 11397-11402	7.8	11
37	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	5.8	20
36	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	3.2	11
35	Unique pH-Sensitive RNA Binder for Ratiometric Visualization of Cell Apoptosis. *Analytical Chemistry*, **2019**, 91, 10056-10063	7.8	19
34	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	4.7	12
33	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	9.5	16
32	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	3.6	17
31	An Ultrasensitivity Fluorescent Probe Based on the ICT-FRET Dual Mechanisms for Imaging □Galactosidase in Vitro and ex Vivo. *Analytical Chemistry*, **2019**, 91, 15591-15598	7.8	25
30	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. *Analytical Chemistry*, **2019**, 91, 1719-1723	7.8	23

29	Development of a mitochondrial-targeted ratiometric probe for the detection of SO in living cells and zebrafishes. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2019**, 209, 196-201	4.4	10
28	Development of a Xanthene-Based Red-Emissive Fluorescent Probe for Visualizing HO in Living Cells, Tissues and Animals. *Journal of Fluorescence*, **2018**, 28, 681-687	2.4	4
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	4.7	18
26	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
25	A new xanthene-based two-photon fluorescent probe for the imaging of 1,4-dithiothreitol (DTT) in living cells. *Luminescence*, **2018**, 33, 1048-1053	2.5	3
24	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	12.1	16
23	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	4.4	5
22	Reaction-Based Fluorescent Probes for the Imaging of Nitroxyl (HNO) in Biological Systems. *ACS Chemical Biology*, **2018**, 13, 1714-1720	4.9	29
21	Unique D-ĐA-ĐD type fluorescent probes for the two-photon imaging of intracellular viscosity. *Journal of Materials Chemistry B*, **2018**, 6, 381-385	7.3	28
20	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	7.8	55
19	A two-photon endoplasmic reticulum-targeting fluorescent probe for the imaging of pH in living cells and zebrafish. *Analytical Methods*, **2018**, 10, 5702-5706	3.2	12
18	Dynamically Monitoring Cell Viability in a Dual-Color Mode: Construction of an Aggregation/Monomer-Based Probe Capable of Reversible Mitochondria-Nucleus Migration. *Angewandte Chemie*, **2018**, 130, 16744-16748	3.6	7
17	Dynamically Monitoring Cell Viability in a Dual-Color Mode: Construction of an Aggregation/Monomer-Based Probe Capable of Reversible Mitochondria-Nucleus Migration. *Angewandte Chemie - International Edition*, **2018**, 57, 16506-16510	16.4	60
16	Dual site-controlled two-photon fluorescent probe for the imaging of lysosomal pH in living cells. *Luminescence*, **2018**, 33, 1275-1280	2.5	12
15	A cancer cell-specific two-photon fluorescent probe for imaging hydrogen sulfide in living cells. *RSC Advances*, **2017**, 7, 15817-15822	3.7	12
14	A sensitive and selective red fluorescent probe for imaging of cysteine in living cells and animals. *Analytical Methods*, **2017**, 9, 1891-1896	3.2	17
13	A Unique "Integration" Strategy for the Rational Design of Optically Tunable Near-Infrared Fluorophores. *Accounts of Chemical Research*, **2017**, 50, 1410-1422	24.3	211
12	Two-photon red-emissive fluorescent probe for imaging nitroxyl (HNO) in living cells and tissues. *Journal of Materials Chemistry B*, **2017**, 5, 5218-5224	7.3	26

11	A unique red-emitting two-photon fluorescent probe with tumor-specificity for imaging in living cells and tissues. *Talanta*, **2017**, 174, 357-364	6.2	15
10	A cancer cell-specific fluorescent probe for imaging Cu in living cancer cells. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2017**, 182, 32-36	4.4	6
9	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	7.3	48
8	Unique phenanthrenequinone imidazole-based fluorescent materials with aggregation-induced or two-photon emission. *Journal of Materials Chemistry B*, **2017**, 5, 7801-7808	7.3	12
7	Simultaneous Near-Infrared and Two-Photon In Vivo Imaging of H O Using a Ratiometric Fluorescent Probe based on the Unique Oxidative Rearrangement of Oxonium. *Advanced Materials*, **2016**, 28, 8755-8759	24	173
6	Development of a Two-Photon Fluorescent Probe for Imaging of Endogenous Formaldehyde in Living Tissues. *Angewandte Chemie*, **2016**, 128, 3417-3420	3.6	21
5	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. *Analytical Chemistry*, **2016**, 88, 4085-91	7.8	187
4	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	7.3	37
3	Development of a Two-Photon Fluorescent Probe for Imaging of Endogenous Formaldehyde in Living Tissues. *Angewandte Chemie - International Edition*, **2016**, 55, 3356-9	16.4	226
2	Fluorescent chemosensors manipulated by dual/triple interplaying sensing mechanisms. *Chemical Society Reviews*, **2016**, 45, 6449-6461	58.5	285
1	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