

Xiaohua Li

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

51
papers

4,215
citations

30
h-index

55
g-index

55
ext. papers

4,957
ext. citations

8.9
avg, IF

5.98
L-index

#	Paper	IF	Citations
51	Recent advances in fluorescent probes for lipid droplets.. <i>Chemical Communications</i> , 2022 ,	5.8	11
50	New fluorescent probe with recognition moiety of bipiperidinyl reveals the rise of hepatocellular carboxylesterase activity during heat shock. <i>Biosensors and Bioelectronics</i> , 2022 , 211, 114392	11.8	3
49	An effective approach to develop targetable and responsive fluorescent probes for imaging of organelles based on cresyl violet scaffold.. <i>Biosensors and Bioelectronics</i> , 2021 , 200, 113929	11.8	1
48	Xanthene-Based NIR-II Dyes for Dynamic Imaging of Blood Circulation. <i>Journal of the American Chemical Society</i> , 2021 , 143, 17136-17143	16.4	20
47	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> , 2021 , 246, 119059	4.4	24
46	Sensitive imaging of tumors using a nitroreductase-activated fluorescence probe in the NIR-II window. <i>Chemical Communications</i> , 2021 , 57, 8174-8177	5.8	12
45	Increase of tyrosinase activity at the wound site in zebrafish imaged by a new fluorescent probe. <i>Chemical Communications</i> , 2021 , 57, 2764-2767	5.8	5
44	Water-Soluble Near-Infrared Fluorescent Probes for Specific Detection of Monoamine Oxidase A in Living Biosystems. <i>Analytical Chemistry</i> , 2021 , 93, 4285-4290	7.8	7
43	A tumor-targeted near-infrared fluorescent probe for HNO and its application to the real-time monitoring of HNO release. <i>Chemical Communications</i> , 2021 , 57, 5063-5066	5.8	10
42	An endoplasmic reticulum-targeting fluorescent probe for imaging DH in living cells. <i>Chemical Communications</i> , 2020 , 56, 6344-6347	5.8	11
41	Design, Synthesis, and Application of a Small Molecular NIR-II Fluorophore with Maximal Emission beyond 1200 nm. <i>Journal of the American Chemical Society</i> , 2020 , 142, 15271-15275	16.4	58
40	Recognition Moieties of Small Molecular Fluorescent Probes for Bioimaging of Enzymes. <i>Accounts of Chemical Research</i> , 2019 , 52, 1892-1904	24.3	134
39	H ₂ O ₂ -Responsive Organosilica-Doxorubicin Nanoparticles for Targeted Imaging and Killing of Cancer Cells Based on a Synthesized Silane-Borate Precursor. <i>ChemMedChem</i> , 2019 , 14, 1079-1085	3.7	11
38	Mitochondria-Immobilized Near-Infrared Ratiometric Fluorescent pH Probe To Evaluate Cellular Mitophagy. <i>Analytical Chemistry</i> , 2019 , 91, 11409-11416	7.8	64
37	Reactive oxygen species-triggered off-on fluorescence donor for imaging hydrogen sulfide delivery in living cells. <i>Chemical Science</i> , 2019 , 10, 7690-7694	9.4	41
36	Ferroptosis Accompanied by OH ⁻ Generation and Cytoplasmic Viscosity Increase Revealed via Dual-Functional Fluorescence Probe. <i>Journal of the American Chemical Society</i> , 2019 , 141, 18301-18307	16.4	106
35	A near-infrared fluorescent probe reveals decreased mitochondrial polarity during mitophagy. <i>Chemical Science</i> , 2019 , 11, 1617-1622	9.4	55

34	A dual-function fluorescent probe for monitoring the degrees of hypoxia in living cells via the imaging of nitroreductase and adenosine triphosphate. <i>Chemical Communications</i> , 2018 , 54, 5454-5457	5.8	78
33	Rationally Designed Fluorescence .OH Probe with High Sensitivity and Selectivity for Monitoring the Generation of .OH in Iron Autoxidation without Addition of H ₂ O ₂ . <i>Angewandte Chemie</i> , 2018 , 130, 13012-13016	3.6	23
32	Rationally Designed Fluorescence OH Probe with High Sensitivity and Selectivity for Monitoring the Generation of OH in Iron Autoxidation without Addition of H ₂ O ₂ . <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 12830-12834	16.4	56
31	In vivo tumor imaging by a β -glutamyl transpeptidase-activatable near-infrared fluorescent probe. <i>Analytical and Bioanalytical Chemistry</i> , 2018 , 410, 6771-6777	4.4	23
30	A highly sensitive and selective fluorescence off-on probe for the detection of intracellular endogenous tyrosinase activity. <i>Chemical Communications</i> , 2017 , 53, 2443-2446	5.8	56
29	imaging of leucine aminopeptidase activity in drug-induced liver injury and liver cancer a near-infrared fluorescent probe. <i>Chemical Science</i> , 2017 , 8, 3479-3483	9.4	94
28	Observation of the Generation of ONOO in Mitochondria under Various Stimuli with a Sensitive Fluorescence Probe. <i>Analytical Chemistry</i> , 2017 , 89, 5519-5525	7.8	112
27	A Strategy for Specific Fluorescence Imaging of Monoamine Oxidase A in Living Cells. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 15319-15323	16.4	64
26	A Strategy for Specific Fluorescence Imaging of Monoamine Oxidase A in Living Cells. <i>Angewandte Chemie</i> , 2017 , 129, 15521-15525	3.6	11
25	Facile and Sensitive Method for Protein Kinase A Activity Assay Based on Fluorescent Off-On PolyU-peptide Assembly. <i>Analytical Chemistry</i> , 2017 , 89, 10980-10984	7.8	13
24	Design, synthesis and application of a near-infrared fluorescent probe for in vivo imaging of aminopeptidase N. <i>Chemical Communications</i> , 2017 , 53, 9438-9441	5.8	49
23	A New Tetraphenylethylene-Derived Fluorescent Probe for Nitroreductase Detection and Hypoxic-Tumor-Cell Imaging. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 2918-2923	4.5	38
22	Sensitive and Selective Ratiometric Fluorescence Probes for Detection of Intracellular Endogenous Monoamine Oxidase A. <i>Analytical Chemistry</i> , 2016 , 88, 1440-6	7.8	85
21	Monitoring β -glutamyl transpeptidase activity and evaluating its inhibitors by a water-soluble near-infrared fluorescent probe. <i>Biosensors and Bioelectronics</i> , 2016 , 81, 395-400	11.8	75
20	Detection of Misdistribution of Tyrosinase from Melanosomes to Lysosomes and Its Upregulation under Psoralen/Ultraviolet A with a Melanosome-Targeting Tyrosinase Fluorescent Probe. <i>Analytical Chemistry</i> , 2016 , 88, 4557-64	7.8	66
19	A simple fluorescent off-on probe for the discrimination of cysteine from glutathione. <i>Chemical Communications</i> , 2015 , 51, 9388-90	5.8	124
18	An upconversion luminescence nanoprobe for the ultrasensitive detection of hyaluronidase. <i>Analytical Chemistry</i> , 2015 , 87, 5816-23	7.8	52
17	HOCl can appear in the mitochondria of macrophages during bacterial infection as revealed by a sensitive mitochondrial-targeting fluorescent probe. <i>Chemical Science</i> , 2015 , 6, 4884-4888	9.4	190

16	Design strategies for water-soluble small molecular chromogenic and fluorogenic probes. <i>Chemical Reviews</i> , 2014 , 114, 590-659	68.1	1347
15	Detection of glucose via enzyme-coupling reaction based on a DT-diaphorase fluorescence probe. <i>Talanta</i> , 2014 , 120, 456-61	6.2	8
14	3,4-Dinitrobenzamide Functionalized CdTe/ZnTe Quantum Dots as a Nanoprobe for Imaging Glutathione S-Transferase in Living Cells. <i>Chinese Journal of Chemistry</i> , 2013 , 31, 472-478	4.9	8
13	7-((5-Nitrothiophen-2-yl)methoxy)-3H-phenoxazin-3-one as a spectroscopic off-on probe for highly sensitive and selective detection of nitroreductase. <i>Chemical Communications</i> , 2013 , 49, 5859-61	5.8	60
12	Sensitive detection of ozone by a practical resorufin-based spectroscopic probe with extremely low background signal. <i>Scientific Reports</i> , 2013 , 3, 2830	4.9	22
11	Nitroreductase detection and hypoxic tumor cell imaging by a designed sensitive and selective fluorescent probe, 7-[(5-nitrofuran-2-yl)methoxy]-3H-phenoxazin-3-one. <i>Analytical Chemistry</i> , 2013 , 85, 3926-32	7.8	172
10	A spectroscopic off-on probe for simple and sensitive detection of carboxylesterase activity and its application to cell imaging. <i>Analyst, The</i> , 2012 , 137, 716-21	5	59
9	Fluorescent carbon nanodots conjugated with folic acid for distinguishing folate-receptor-positive cancer cells from normal cells. <i>Journal of Materials Chemistry</i> , 2012 , 22, 12568		173
8	A graphene oxide-peptide fluorescence sensor tailor-made for simple and sensitive detection of matrix metalloproteinase 2. <i>Chemical Communications</i> , 2011 , 47, 10680-2	5.8	97
7	A near-infrared fluorescent probe for monitoring tyrosinase activity. <i>Chemical Communications</i> , 2010 , 46, 2560-2	5.8	59
6	Imaging different interactions of mercury and silver with live cells by a designed fluorescence probe rhodamine B selenolactone. <i>Inorganic Chemistry</i> , 2010 , 49, 1206-10	5.1	103
5	Click Chemistry Based Method for the Preparation of Maleinimide-Type Thiol-Reactive Labels. <i>European Journal of Organic Chemistry</i> , 2010 , 2010, 6922-6927	3.2	12
4	Clickable fluorophores for biological labeling--with or without copper. <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 3486-90	3.9	61
3	Synthesis of a New Water-Soluble Polymeric Probe and its Fluorescent Properties for Ratiometric Measurement of Near-Neutral pH. <i>Analytical Letters</i> , 2004 , 37, 2937-2948	2.2	7
2	4,5-dimethylthio-4V[2-(9-anthryloxy)ethylthio]tetrathiafulvalene, a highly selective and sensitive chemiluminescence probe for singlet oxygen. <i>Journal of the American Chemical Society</i> , 2004 , 126, 11543-8	16.4	211
1	Selective labeling of histidine by a designed fluorescein-based probe. <i>Talanta</i> , 2004 , 62, 367-71	6.2	28