

# Xiaohua Li

## List of Publications by Citations

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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	Design strategies for water-soluble small molecular chromogenic and fluorogenic probes. <i>Chemical Reviews</i> , <b>2014</b> , 114, 590-659	68.1	1347
50	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> , <b>2004</b> , 126, 11543-8	16.4	211
49	HOCl can appear in the mitochondria of macrophages during bacterial infection as revealed by a sensitive mitochondrial-targeting fluorescent probe. <i>Chemical Science</i> , <b>2015</b> , 6, 4884-4888	9.4	190
48	Fluorescent carbon nanodots conjugated with folic acid for distinguishing folate-receptor-positive cancer cells from normal cells. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 12568		173
47	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> , <b>2013</b> , 85, 3926-32	7.8	172
46	Recognition Moieties of Small Molecular Fluorescent Probes for Bioimaging of Enzymes. <i>Accounts of Chemical Research</i> , <b>2019</b> , 52, 1892-1904	24.3	134
45	A simple fluorescent off-on probe for the discrimination of cysteine from glutathione. <i>Chemical Communications</i> , <b>2015</b> , 51, 9388-90	5.8	124
44	Observation of the Generation of ONOO in Mitochondria under Various Stimuli with a Sensitive Fluorescence Probe. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 5519-5525	7.8	112
43	Ferroptosis Accompanied by OH Generation and Cytoplasmic Viscosity Increase Revealed via Dual-Functional Fluorescence Probe. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 18301-18307	16.4	106
42	Imaging different interactions of mercury and silver with live cells by a designed fluorescence probe rhodamine B selenolactone. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 1206-10	5.1	103
41	A graphene oxide-peptide fluorescence sensor tailor-made for simple and sensitive detection of matrix metalloproteinase 2. <i>Chemical Communications</i> , <b>2011</b> , 47, 10680-2	5.8	97
40	imaging of leucine aminopeptidase activity in drug-induced liver injury and liver cancer a near-infrared fluorescent probe. <i>Chemical Science</i> , <b>2017</b> , 8, 3479-3483	9.4	94
39	Sensitive and Selective Ratiometric Fluorescence Probes for Detection of Intracellular Endogenous Monoamine Oxidase A. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 1440-6	7.8	85
38	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> , <b>2018</b> , 54, 5454-5457	5.8	78
37	Monitoring Eglutamyl transpeptidase activity and evaluating its inhibitors by a water-soluble near-infrared fluorescent probe. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 81, 395-400	11.8	75
36	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> , <b>2016</b> , 88, 4557-64	7.8	66
35	A Strategy for Specific Fluorescence Imaging of Monoamine Oxidase A in Living Cells. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 15319-15323	16.4	64

34	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
33	Clickable fluorophores for biological labeling--with or without copper. <i>Organic and Biomolecular Chemistry</i> , <b>2009</b> , 7, 3486-90	3.9	61
32	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> , <b>2013</b> , 49, 5859-61	5.8	60
31	A spectroscopic off-on probe for simple and sensitive detection of carboxylesterase activity and its application to cell imaging. <i>Analyst, The</i> , <b>2012</b> , 137, 716-21	5	59
30	A near-infrared fluorescent probe for monitoring tyrosinase activity. <i>Chemical Communications</i> , <b>2010</b> , 46, 2560-2	5.8	59
29	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> , <b>2020</b> , 142, 15271-15275	16.4	58
28	A highly sensitive and selective fluorescence off-on probe for the detection of intracellular endogenous tyrosinase activity. <i>Chemical Communications</i> , <b>2017</b> , 53, 2443-2446	5.8	56
27	Rationally Designed Fluorescence OH Probe with High Sensitivity and Selectivity for Monitoring the Generation of OH in Iron Autoxidation without Addition of H O. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 12830-12834	16.4	56
26	A near-infrared fluorescent probe reveals decreased mitochondrial polarity during mitophagy. <i>Chemical Science</i> , <b>2019</b> , 11, 1617-1622	9.4	55
25	An upconversion luminescence nanoprobe for the ultrasensitive detection of hyaluronidase. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 5816-23	7.8	52
24	Design, synthesis and application of a near-infrared fluorescent probe for in vivo imaging of aminopeptidase N. <i>Chemical Communications</i> , <b>2017</b> , 53, 9438-9441	5.8	49
23	Reactive oxygen species-triggered off-on fluorescence donor for imaging hydrogen sulfide delivery in living cells. <i>Chemical Science</i> , <b>2019</b> , 10, 7690-7694	9.4	41
22	A New Tetraphenylethylene-Derived Fluorescent Probe for Nitroreductase Detection and Hypoxic-Tumor-Cell Imaging. <i>Chemistry - an Asian Journal</i> , <b>2016</b> , 11, 2918-2923	4.5	38
21	Selective labeling of histidine by a designed fluorescein-based probe. <i>Talanta</i> , <b>2004</b> , 62, 367-71	6.2	28
20	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
19	Rationally Designed Fluorescence .OH Probe with High Sensitivity and Selectivity for Monitoring the Generation of .OH in Iron Autoxidation without Addition of H2O2. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 13012-13016	3.6	23
18	In vivo tumor imaging by a $\beta$ -glutamyl transpeptidase-activatable near-infrared fluorescent probe. <i>Analytical and Bioanalytical Chemistry</i> , <b>2018</b> , 410, 6771-6777	4.4	23
17	Sensitive detection of ozone by a practical resorufin-based spectroscopic probe with extremely low background signal. <i>Scientific Reports</i> , <b>2013</b> , 3, 2830	4.9	22

16	Xanthene-Based NIR-II Dyes for Dynamic Imaging of Blood Circulation. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 17136-17143	16.4	20
15	Facile and Sensitive Method for Protein Kinase A Activity Assay Based on Fluorescent Off-On PolyU-peptide Assembly. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 10980-10984	7.8	13
14	Click Chemistry Based Method for the Preparation of Maleinimide-Type Thiol-Reactive Labels. <i>European Journal of Organic Chemistry</i> , <b>2010</b> , 2010, 6922-6927	3.2	12
13	Sensitive imaging of tumors using a nitroreductase-activated fluorescence probe in the NIR-II window. <i>Chemical Communications</i> , <b>2021</b> , 57, 8174-8177	5.8	12
12	A Strategy for Specific Fluorescence Imaging of Monoamine Oxidase A in Living Cells. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 15521-15525	3.6	11
11	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. <i>ChemMedChem</i> , <b>2019</b> , 14, 1079-1085	3.7	11
10	An endoplasmic reticulum-targeting fluorescent probe for imaging $\text{Ca}^{2+}$ in living cells. <i>Chemical Communications</i> , <b>2020</b> , 56, 6344-6347	5.8	11
9	Recent advances in fluorescent probes for lipid droplets.. <i>Chemical Communications</i> , <b>2022</b> ,	5.8	11
8	A tumor-targeted near-infrared fluorescent probe for HNO and its application to the real-time monitoring of HNO release. <i>Chemical Communications</i> , <b>2021</b> , 57, 5063-5066	5.8	10
7	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> , <b>2013</b> , 31, 472-478	4.9	8
6	Detection of glucose via enzyme-coupling reaction based on a DT-diaphorase fluorescence probe. <i>Talanta</i> , <b>2014</b> , 120, 456-61	6.2	8
5	Synthesis of a New Water-Soluble Polymeric Probe and its Fluorescent Properties for Ratiometric Measurement of Near-Neutral pH. <i>Analytical Letters</i> , <b>2004</b> , 37, 2937-2948	2.2	7
4	Water-Soluble Near-Infrared Fluorescent Probes for Specific Detection of Monoamine Oxidase A in Living Biosystems. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 4285-4290	7.8	7
3	Increase of tyrosinase activity at the wound site in zebrafish imaged by a new fluorescent probe. <i>Chemical Communications</i> , <b>2021</b> , 57, 2764-2767	5.8	5
2	New fluorescent probe with recognition moiety of biperidinyll reveals the rise of hepatocellular carboxylesterase activity during heat shock. <i>Biosensors and Bioelectronics</i> , <b>2022</b> , 211, 114392	11.8	3
1	An effective approach to develop targetable and responsive fluorescent probes for imaging of organelles based on cresyl violet scaffold.. <i>Biosensors and Bioelectronics</i> , <b>2021</b> , 200, 113929	11.8	1