

Lu Wang

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

3,642
citations

257450

24
h-index

434195

31
g-index

34
all docs

34
docs citations

34
times ranked

5040
citing authors

#	ARTICLE	IF	CITATIONS
1	A synergistic strategy to develop photostable and bright dyes with long Stokes shift for nanoscopy. <i>Nature Communications</i> , 2022, 13, 2264.	12.8	49
2	A Color-Shifting Near-Infrared Fluorescent Aptamer-Fluorophore Module for Live-Cell RNA Imaging. <i>Angewandte Chemie</i> , 2021, 133, 21611-21618.	2.0	4
3	A Color-Shifting Near-Infrared Fluorescent Aptamer-Fluorophore Module for Live-Cell RNA Imaging. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 21441-21448.	13.8	19
4	Systematic Tuning of Rhodamine Spirocyclization for Super-resolution Microscopy. <i>Journal of the American Chemical Society</i> , 2021, 143, 14592-14600.	13.7	77
5	A general strategy to develop cell permeable and fluorogenic probes for multicolour nanoscopy. <i>Nature Chemistry</i> , 2020, 12, 165-172.	13.6	240
6	Environmentally Sensitive Color-Shifting Fluorophores for Bioimaging. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21880-21884.	13.8	49
7	Environmentally Sensitive Color-Shifting Fluorophores for Bioimaging. <i>Angewandte Chemie</i> , 2020, 132, 22064-22068.	2.0	18
8	Engineering a highly selective probe for ratiometric imaging of H ₂ S and revealing its signaling pathway in fatty liver disease. <i>Chemical Science</i> , 2020, 11, 7991-7999.	7.4	27
9	Engineering a Reversible Fluorescent Probe for Real-Time Live-Cell Imaging and Quantification of Mitochondrial ATP. <i>Analytical Chemistry</i> , 2020, 92, 4681-4688.	6.5	63
10	A Near-Infrared Probe Tracks and Treats Lung Tumor Initiating Cells by Targeting HMOX2. <i>Journal of the American Chemical Society</i> , 2019, 141, 14673-14686.	13.7	35
11	Small-Molecule Fluorescent Probes for Live-Cell Super-Resolution Microscopy. <i>Journal of the American Chemical Society</i> , 2019, 141, 2770-2781.	13.7	357
12	Selective Visualization of the Endogenous Peroxynitrite in an Inflamed Mouse Model by a Mitochondria-Targetable Two-Photon Ratiometric Fluorescent Probe. <i>Journal of the American Chemical Society</i> , 2017, 139, 285-292.	13.7	407
13	Real-Time In Vivo Hepatotoxicity Monitoring through Chromophore-Conjugated Photon-Upconverting Nanoprobes. <i>Angewandte Chemie</i> , 2017, 129, 4229-4233.	2.0	19
14	A new approach for turn-on fluorescence sensing of l-DOPA. <i>Chemical Communications</i> , 2017, 53, 12465-12468.	4.1	21
15	Motion-induced change in emission (MICE) for developing fluorescent probes. <i>Chemical Society Reviews</i> , 2017, 46, 4833-4844.	38.1	172
16	Sensors: Development of a Highly Selective, Sensitive, and Fast Response Upconversion Luminescent Platform for Hydrogen Sulfide Detection (<i>Adv. Funct. Mater.</i> 2/2016). <i>Advanced Functional Materials</i> , 2016, 26, 311-311.	14.9	3
17	Selective imaging and cancer cell death via pH switchable near-infrared fluorescence and photothermal effects. <i>Chemical Science</i> , 2016, 7, 5995-6005.	7.4	94
18	Boronic Acid: A Bio-Inspired Strategy To Increase the Sensitivity and Selectivity of Fluorescent NADH Probe. <i>Journal of the American Chemical Society</i> , 2016, 138, 10394-10397.	13.7	74

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19	Development of a Highly Selective, Sensitive, and Fast Response Upconversion Luminescent Platform for Hydrogen Sulfide Detection. <i>Advanced Functional Materials</i> , 2016, 26, 191-199.	14.9	79
20	A Multisite- α Binding Switchable Fluorescent Probe for Monitoring Mitochondrial ATP Level Fluctuation in Live Cells. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1773-1776.	13.8	158
21	High-Efficiency in Vitro and in Vivo Detection of Zn^{2+} by Dye-Assembled Upconversion Nanoparticles. <i>Journal of the American Chemical Society</i> , 2015, 137, 2336-2342.	13.7	233
22	Development of Targetable Two-Photon Fluorescent Probes to Image Hypochlorous Acid in Mitochondria and Lysosome in Live Cell and Inflamed Mouse Model. <i>Journal of the American Chemical Society</i> , 2015, 137, 5930-5938.	13.7	472
23	Mitochondria-targeted fluorescent thermometer monitors intracellular temperature gradient. <i>Chemical Communications</i> , 2015, 51, 8044-8047.	4.1	159
24	Evaluating tumor metastatic potential by imaging intratumoral acidosis <i>via</i> pH -activatable near-infrared fluorescent probe. <i>International Journal of Cancer</i> , 2015, 136, E107-16.	5.1	43
25	Up-regulating Blood Brain Barrier Permeability of Nanoparticles via Multivalent Effect. <i>Pharmaceutical Research</i> , 2013, 30, 2538-2548.	3.5	35
26	Activatable Rotor for Quantifying Lysosomal Viscosity in Living Cells. <i>Journal of the American Chemical Society</i> , 2013, 135, 2903-2906.	13.7	363
27	A cyanine based fluorophore emitting both single photon near-infrared fluorescence and two-photon deep red fluorescence in aqueous solution. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 5366.	2.8	17
28	Imaging acidosis in tumors using a pH-activated near-infrared fluorescence probe. <i>Chemical Communications</i> , 2012, 48, 11677.	4.1	52
29	Two-Order Targeted Brain Tumor Imaging by Using an Optical/Paramagnetic Nanoprobe across the Blood Brain Barrier. <i>ACS Nano</i> , 2012, 6, 410-420.	14.6	172
30	Nose-to-Brain Transport Pathways of Wheat Germ Agglutinin Conjugated PEG-PLA Nanoparticles. <i>Pharmaceutical Research</i> , 2012, 29, 546-558.	3.5	72
31	pH responsive fluorescence nanoprobe imaging of tumors by sensing the acidic microenvironment. <i>Journal of Materials Chemistry</i> , 2011, 21, 15862.	6.7	56