

# Zuhai Lei

## List of Publications by Citations

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30  
papers

1,704  
citations

16  
h-index

30  
g-index

30  
ext. papers

2,425  
ext. citations

9.5  
avg, IF

5.68  
L-index

#	Paper	IF	Citations
30	An Efficient 1064 nm NIR-II Excitation Fluorescent Molecular Dye for Deep-Tissue High-Resolution Dynamic Bioimaging. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 7483-7487	16.4	349
29	Anti-quenching NIR-II molecular fluorophores for in vivo high-contrast imaging and pH sensing. <i>Nature Communications</i> , <b>2019</b> , 10, 1058	17.4	227
28	-Aggregates of Cyanine Dye for NIR-II Dynamic Vascular Imaging beyond 1500 nm. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 19221-19225	16.4	208
27	Stable, Wavelength-Tunable Fluorescent Dyes in the NIR-II Region for In Vivo High-Contrast Bioimaging and Multiplexed Biosensing. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 8166-8171	16.4	179
26	A concise colorimetric and fluorimetric probe for sarin related threats designed via the "covalent-assembly" approach. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 6594-7	16.4	101
25	Peroxynitrite Activatable NIR-II Fluorescent Molecular Probe for Drug-Induced Hepatotoxicity Monitoring. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 4771-4779	7.8	95
24	Molecular Engineering of NIR-II Fluorophores for Improved Biomedical Detection. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 16294-16308	16.4	92
23	Bright, Stable, and Biocompatible Organic Fluorophores Absorbing/Emitting in the Deep Near-Infrared Spectral Region. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 2979-2983	16.4	85
22	An Efficient 1064 nm NIR-II Excitation Fluorescent Molecular Dye for Deep-Tissue High-Resolution Dynamic Bioimaging. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 7605-7609	3.6	75
21	Stable, Wavelength-Tunable Fluorescent Dyes in the NIR-II Region for In Vivo High-Contrast Bioimaging and Multiplexed Biosensing. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 8250-8255	3.6	52
20	NIR-II pH Sensor with a FRET Adjustable Transition Point for In Situ Dynamic Tumor Microenvironment Visualization. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 5091-5095	16.4	37
19	Bright, Stable, and Biocompatible Organic Fluorophores Absorbing/Emitting in the Deep Near-Infrared Spectral Region. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 3025-3029	3.6	22
18	A zero-background fluorescent probe for Hg <sup>2+</sup> designed via the covalent-assembly principle. <i>Analytical Methods</i> , <b>2014</b> , 6, 7597-7600	3.2	22
17	A Promising NIR-II Fluorescent Sensor for Peptide-Mediated Long-Term Monitoring of Kidney Dysfunction. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 15809-15815	16.4	20
16	A diversity-oriented rhodamine library for wide-spectrum bactericidal agents with low inducible resistance against resistant pathogens. <i>Nature Communications</i> , <b>2019</b> , 10, 258	17.4	18
15	A novel chromogenic and fluorogenic scaffold for detection of oxidative radicals. <i>Chinese Chemical Letters</i> , <b>2017</b> , 28, 2001-2004	8.1	16
14	Synthesis of Sterically Protected Xanthene Dyes with Bulky Groups at C-3' and C-7'. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 11538-43	4.2	16

13	ROS/RNS and Base Dual Activatable Merocyanine-Based NIR-II Fluorescent Molecular Probe for in vivo Biosensing. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 26337-26341	16.4	15
12	Molecular Engineering of NIR-II Fluorophores for Improved Biomedical Detection. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 16430-16444	3.6	15
11	Engineering the Charge-Transfer State to Facilitate Spin-Orbit Charge Transfer Intersystem Crossing in Spirobis[anthracene]diones. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 22179-22184	16.4	13
10	Recent Advances in Intraoperative Nerve Bioimaging: Fluorescence-Guided Surgery for Nerve Preservation. <i>Small Structures</i> , <b>2020</b> , 1, 2000036	8.7	12
9	TPZ, a bright centrosymmetric two-photon scaffold for bioimaging. <i>Chemical Communications</i> , <b>2017</b> , 53, 10938-10941	5.8	8
8	NIR-II cell endocytosis-activated fluorescent probes for high-contrast bioimaging diagnostics. <i>Chemical Science</i> , <b>2021</b> , 12, 10474-10482	9.4	7
7	NIR-II pH Sensor with a FRET Adjustable Transition Point for In Situ Dynamic Tumor Microenvironment Visualization. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 5151-5155	3.6	6
6	A Monochromophoric Approach to Succinct Ratiometric Fluorescent Probes without Probe-Product Crosstalk. <i>CCS Chemistry</i> , <b>2021</b> , 3, 2307-2315	7.2	6
5	A Threshold-Limited Fluorescence Probe for Viscosity. <i>Frontiers in Chemistry</i> , <b>2019</b> , 7, 342	5	2
4	ROS/RNS and Base Dual Activatable Merocyanine-Based NIR-II Fluorescent Molecular Probe for in vivo Biosensing. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 26541	3.6	2
3	Engineering the Charge-Transfer State to Facilitate Spin-Orbit Charge Transfer Intersystem Crossing in Spirobis[anthracene]diones. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 22363-22368	3.6	2
2	A Promising NIR-II Fluorescent Sensor for Peptide-Mediated Long-Term Monitoring of Kidney Dysfunction. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 15943-15949	3.6	2
1	Unsymmetrical pentamethine cyanines for visualizing physiological acidities from the whole-animal to the cellular scale with pH-responsive deep-red fluorescence.. <i>RSC Advances</i> , <b>2021</b> , 11, 17871-17879	3.7	0