

Zuhai Lei

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/885972/publications.pdf>

Version: 2024-02-01

30
papers

3,198
citations

331259

21
h-index

454577

30
g-index

30
all docs

30
docs citations

30
times ranked

2311
citing authors

#	ARTICLE	IF	CITATIONS
1	An Efficient 1064 nm NIR-II Excitation Fluorescent Molecular Dye for Deep-Tissue High-Resolution Dynamic Bioimaging. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7483-7487.	7.2	511
2	<i>J</i> -Aggregates of Cyanine Dye for NIR-II <i>in Vivo</i> Dynamic Vascular Imaging beyond 1500 nm. <i>Journal of the American Chemical Society</i> , 2019, 141, 19221-19225.	6.6	378
3	Anti-quenching NIR-II molecular fluorophores for <i>in vivo</i> high-contrast imaging and pH sensing. <i>Nature Communications</i> , 2019, 10, 1058.	5.8	362
4	Molecular Engineering of NIR-II Fluorophores for Improved Biomedical Detection. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16294-16308.	7.2	350
5	Stable, Wavelength-Tunable Fluorescent Dyes in the NIR-II Region for <i>In Vivo</i> High-Contrast Bioimaging and Multiplexed Biosensing. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8166-8171.	7.2	270
6	Stable, Wavelength-Tunable Fluorescent Dyes in the NIR-II Region for <i>In Vivo</i> High-Contrast Bioimaging and Multiplexed Biosensing. <i>Angewandte Chemie</i> , 2019, 131, 8250-8255.	1.6	206
7	Bright, Stable, and Biocompatible Organic Fluorophores Absorbing/Emitting in the Deep Near-Infrared Spectral Region. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2979-2983.	7.2	142
8	Peroxynitrite Activatable NIR-II Fluorescent Molecular Probe for Drug-Induced Hepatotoxicity Monitoring. <i>Analytical Chemistry</i> , 2019, 91, 4771-4779.	3.2	141
9	A Concise Colorimetric and Fluorimetric Probe for Sarin Related Threats Designed via the Covalent-Assembly Approach. <i>Journal of the American Chemical Society</i> , 2014, 136, 6594-6597.	6.6	119
10	An Efficient 1064 nm NIR-II Excitation Fluorescent Molecular Dye for Deep-Tissue High-Resolution Dynamic Bioimaging. <i>Angewandte Chemie</i> , 2018, 130, 7605-7609.	1.6	104
11	NIR-II pH Sensor with a FRET Adjustable Transition Point for <i>In Situ</i> Dynamic Tumor Microenvironment Visualization. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 5091-5095.	7.2	100
12	ROS/RNS and Base Dual Activatable Merocyanine-Based NIR-II Fluorescent Molecular Probe for <i>in vivo</i> Biosensing. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 26337-26341.	7.2	92
13	A Promising NIR-II Fluorescent Sensor for Peptide-Mediated Long-Term Monitoring of Kidney Dysfunction. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15809-15815.	7.2	66
14	Engineering the Charge-Transfer State to Facilitate Spin-Orbit Charge Transfer Intersystem Crossing in Spirobis[anthracene]diones. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 22179-22184.	7.2	44
15	A diversity-oriented rhodamine library for wide-spectrum bactericidal agents with low inducible resistance against resistant pathogens. <i>Nature Communications</i> , 2019, 10, 258.	5.8	41
16	Molecular Engineering of NIR-II Fluorophores for Improved Biomedical Detection. <i>Angewandte Chemie</i> , 2021, 133, 16430-16444.	1.6	37
17	NIR-II cell endocytosis-activated fluorescent probes for <i>in vivo</i> high-contrast bioimaging diagnostics. <i>Chemical Science</i> , 2021, 12, 10474-10482.	3.7	32
18	Bright, Stable, and Biocompatible Organic Fluorophores Absorbing/Emitting in the Deep Near-Infrared Spectral Region. <i>Angewandte Chemie</i> , 2017, 129, 3025-3029.	1.6	29

#	ARTICLE	IF	CITATIONS
19	Recent Advances in Intraoperative Nerve Bioimaging: Fluorescence-Guided Surgery for Nerve Preservation. <i>Small Structures</i> , 2020, 1, 2000036.	6.9	26
20	Synthesis of Sterically Protected Xanthene Dyes with Bulky Groups at C-3 and C-7. <i>Journal of Organic Chemistry</i> , 2015, 80, 11538-11543.	1.7	25
21	A zero-background fluorescent probe for Hg ²⁺ designed via the "covalent-assembly" principle. <i>Analytical Methods</i> , 2014, 6, 7597-7600.	1.3	23
22	NIR pH Sensor with a FRET Adjustable Transition Point for In Situ Dynamic Tumor Microenvironment Visualization. <i>Angewandte Chemie</i> , 2021, 133, 5151-5155.	1.6	21
23	A novel chromogenic and fluorogenic scaffold for detection of oxidative radicals. <i>Chinese Chemical Letters</i> , 2017, 28, 2001-2004.	4.8	19
24	A Monochromophoric Approach to Succinct Ratiometric Fluorescent Probes without Probe-Product Crosstalk. <i>CCS Chemistry</i> , 2021, 3, 2307-2315.	4.6	14
25	Engineering the Charge-Transfer State to Facilitate Spin-Orbit Charge Transfer Intersystem Crossing in Spirobis[anthracene]diones. <i>Angewandte Chemie</i> , 2020, 132, 22363-22368.	1.6	11
26	ROS/RNS and Base Dual Activatable Merocyanine-Based NIR Fluorescent Molecular Probe for in vivo Biosensing. <i>Angewandte Chemie</i> , 2021, 133, 26541-26545.	1.6	11
27	TPZ, a bright centrosymmetric two-photon scaffold for bioimaging. <i>Chemical Communications</i> , 2017, 53, 10938-10941.	2.2	10
28	A Promising NIR Fluorescent Sensor for Peptide-Mediated Long-Term Monitoring of Kidney Dysfunction. <i>Angewandte Chemie</i> , 2021, 133, 15943-15949.	1.6	6
29	A Threshold-Limited Fluorescence Probe for Viscosity. <i>Frontiers in Chemistry</i> , 2019, 7, 342.	1.8	4
30	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> , 2021, 11, 17871-17879.	1.7	4