Lingfei Lu

List of Publications by Year
in descending order

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26	3,541	361045 20	552369 26
papers	citations	h-index	g-index

26	26	26	2558
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An Efficient 1064 nm NIRâ€Ⅱ Excitation Fluorescent Molecular Dye for Deepâ€Tissue Highâ€Resolution Dynamic Bioimaging. Angewandte Chemie - International Edition, 2018, 57, 7483-7487.	7.2	511
2	J-Aggregates of Cyanine Dye for NIR-II in Vivo Dynamic Vascular Imaging beyond 1500 nm. Journal of the American Chemical Society, 2019, 141, 19221-19225.	6.6	378
3	Anti-quenching NIR-II molecular fluorophores for in vivo high-contrast imaging and pH sensing. Nature Communications, 2019, 10, 1058.	5.8	362
4	NIR-II nanoprobes in-vivo assembly to improve image-guided surgery for metastatic ovarian cancer. Nature Communications, 2018, 9, 2898.	5.8	343
5	X-ray-activated persistent luminescence nanomaterials for NIR-II imaging. Nature Nanotechnology, 2021, 16, 1011-1018.	15.6	335
6	Organic NIR-II molecule with long blood half-life for in vivo dynamic vascular imaging. Nature Communications, 2020, 11, 3102.	5.8	226
7	Tm³⁺â€Sensitized NIRâ€Ⅱ Fluorescent Nanocrystals for Inâ€...Vivo Information Storage and Decoding. Angewandte Chemie - International Edition, 2019, 58, 10153-10157.	7.2	196
8	NIR-II bioluminescence for in vivo high contrast imaging and in situ ATP-mediated metastases tracing. Nature Communications, 2020, 11, 4192.	5.8	163
9	Supramolecularly Engineered NIRâ€Ⅱ and Upconversion Nanoparticles In Vivo Assembly and Disassembly to Improve Bioimaging. Advanced Materials, 2018, 30, e1804982.	11.1	146
10	A hybrid erbium(III)â€“bacteriochlorin near-infrared probe for multiplexed biomedical imaging. Nature Materials, 2021, 20, 1571-1578.	13.3	138
11	Bright and Stable NIRâ€Ⅱ Jâ€Aggregated AIE Dibodipyâ€Based Fluorescent Probe for Dynamic Inâ€...Vivo Bioimaging. Angewandte Chemie - International Edition, 2021, 60, 3967-3973.	7.2	128
12	NIRâ€Ⅱ Chemiluminescence Molecular Sensor for Inâ€...Vivo Highâ€Contrast Inflammation Imaging. Angewandte Chemie - International Edition, 2020, 59, 18380-18385.	7.2	112
13	An Efficient 1064 nm NIRâ€Ⅱ Excitation Fluorescent Molecular Dye for Deepâ€Tissue Highâ€Resolution Dynamic Bioimaging. Angewandte Chemie, 2018, 130, 7605-7609.	1.6	104
14	NIRâ€Ⅱ pH Sensor with a FRET Adjustable Transition Point for In Situ Dynamic Tumor Microenvironment Visualization. Angewandte Chemie - International Edition, 2021, 60, 5091-5095.	7.2	100
15	Small-Molecule Lanthanide Complexes Probe for Second Near-Infrared Window Bioimaging. Analytical Chemistry, 2018, 90, 7946-7952.	3.2	61
16	Highâ€Fidelity NIRâ€Ⅱ Multiplexed Lifetime Bioimaging with Bright Double Interfaced Lanthanide Nanoparticles. Angewandte Chemie - International Edition, 2021, 60, 23545-23551.	7.2	58
17	Tm³⁺â€Sensitized NIRâ€Ⅱ Fluorescent Nanocrystals for Inâ€...Vivo Information Storage and Decoding. Angewandte Chemie, 2019, 131, 10259-10263.	1.6	40
18	Kinetics-mediate fabrication of multi-model bioimaging lanthanide nanoplates with controllable surface roughness for blood brain barrier transportation. Biomaterials, 2017, 141, 223-232.	5.7	32

#	Article	IF	Citations
19	Bright and Stable NIRâ€II Jâ€Aggregated AIE Dibodipyâ€Based Fluorescent Probe for Dynamic Inâ€...Vivo Bioimaging. Angewandte Chemie, 2021, 133, 4013-4019.	1.6	26
20	NIRâ€II Chemiluminescence Molecular Sensor for Inâ€...Vivo Highâ€Contrast Inflammation Imaging. Angewandte Chemie, 2020, 132, 18538-18543.	1.6	22
21	NIRâ€II pH Sensor with a FRET Adjustable Transition Point for In Situ Dynamic Tumor Microenvironment Visualization. Angewandte Chemie, 2021, 133, 5151-5155.	1.6	21
22	Orthogonal Multiplexed NIR-II Imaging with Excitation-Selective Lanthanide-Based Nanoparticles. Analytical Chemistry, 2022, 94, 3661-3668.	3.2	14
23	Highâ€Fidelity NIRâ€II Multiplexed Lifetime Bioimaging with Bright Double Interfaced Lanthanide Nanoparticles. Angewandte Chemie, 2021, 133, 23737-23743.	1.6	10
24	Tunable and Enhanced NIR-II Luminescence from Heavily Doped Rare-Earth Nanoparticles for In Vivo Bioimaging. ACS Applied Bio Materials, 2022, 5, 2935-2942.	2.3	9
25	A deep tissue optical sensing. Nature Nanotechnology, 2022, 17, 566-568.	15.6	5
26	A novel lanthanide-based NIR-II nanoprobe for lung squamous cell carcinoma identification. Biomaterials Science, 2021, 9, 6568-6573.	2.6	1