

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

45 papers	2,804 citations	26 h-index	47 g-index
47 ext. papers	3,818 ext. citations	10.3 avg, IF	5.94 L-index

#	Paper	IF	Citations
45	Lifetime-engineered NIR-II nanoparticles unlock multiplexed in vivo imaging. <i>Nature Nanotechnology</i> , 2018 , 13, 941-946	28.7	404
44	NIR-II nanoprobes in-vivo assembly to improve image-guided surgery for metastatic ovarian cancer. <i>Nature Communications</i> , 2018 , 9, 2898	17.4	243
43	Anti-quenching NIR-II molecular fluorophores for in vivo high-contrast imaging and pH sensing. <i>Nature Communications</i> , 2019 , 10, 1058	17.4	227
42	Er Sensitized 1530 nm to 1180 nm Second Near-Infrared Window Upconversion Nanocrystals for In Vivo Biosensing. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 7518-7522	16.4	193
41	In Vivo High-resolution Ratiometric Fluorescence Imaging of Inflammation Using NIR-II Nanoprobes with 1550 nm Emission. <i>Nano Letters</i> , 2019 , 19, 2418-2427	11.5	140
40	Tm -Sensitized NIR-II Fluorescent Nanocrystals for In Vivo Information Storage and Decoding. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 10153-10157	16.4	117
39	Precise In Vivo Inflammation Imaging Using In Situ Responsive Cross-linking of Glutathione-Modified Ultra-Small NIR-II Lanthanide Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 2050-2054	16.4	112
38	A New Generation of NIR-II Probes: Lanthanide-Based Nanocrystals for Bioimaging and Biosensing. <i>Advanced Optical Materials</i> , 2019 , 7, 1801417	8.1	106
37	Beyond 1000 nm Emission Wavelength: Recent Advances in Organic and Inorganic Emitters for Deep-Tissue Molecular Imaging. <i>Advanced Healthcare Materials</i> , 2019 , 8, e1900260	10.1	99
36	Peroxynitrite Activatable NIR-II Fluorescent Molecular Probe for Drug-Induced Hepatotoxicity Monitoring. <i>Analytical Chemistry</i> , 2019 , 91, 4771-4779	7.8	95
35	A Tumor-Microenvironment-Responsive Lanthanide-Cyanine FRET Sensor for NIR-II Luminescence-Lifetime In Situ Imaging of Hepatocellular Carcinoma. <i>Advanced Materials</i> , 2020 , 32, e2001172	11.72	92
34	High-Capacity Upconversion Wavelength and Lifetime Binary Encoding for Multiplexed Biodection. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 12824-12829	16.4	89
33	Optical Multiplexed Bioassays for Improved Biomedical Diagnostics. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 13208-13219	16.4	87
32	X-ray-activated persistent luminescence nanomaterials for NIR-II imaging. <i>Nature Nanotechnology</i> , 2021 , 16, 1011-1018	28.7	83
31	Exploiting lanthanide-doped upconversion nanoparticles with core/shell structures. <i>Nano Today</i> , 2019 , 25, 68-84	17.9	74
30	NIR-II bioluminescence for in vivo high contrast imaging and in situ ATP-mediated metastases tracing. <i>Nature Communications</i> , 2020 , 11, 4192	17.4	72
29	Bright and Stable NIR-II J-Aggregated AIE Dibodipy-Based Fluorescent Probe for Dynamic In Vivo Bioimaging. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 3967-3973	16.4	50

28	Small-Molecule Lanthanide Complexes Probe for Second Near-Infrared Window Bioimaging. <i>Analytical Chemistry</i> , 2018 , 90, 7946-7952	7.8	48
27	NIR-II Chemiluminescence Molecular Sensor for In Vivo High-Contrast Inflammation Imaging. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 18380-18385	16.4	47
26	Orthogonal Multiplexed Luminescence Encoding with Near-Infrared Rechargeable Upconverting Persistent Luminescence Composites. <i>Advanced Optical Materials</i> , 2017 , 5, 1700680	8.1	38
25	Tm ³⁺ -Sensitized NIR-II Fluorescent Nanocrystals for In Vivo Information Storage and Decoding. <i>Angewandte Chemie</i> , 2019 , 131, 10259-10263	3.6	33
24	Elemental Migration in Core/Shell Structured Lanthanide Doped Nanoparticles. <i>Chemistry of Materials</i> , 2019 , 31, 5608-5615	9.6	31
23	Precise In Vivo Inflammation Imaging Using In Situ Responsive Cross-linking of Glutathione-Modified Ultra-Small NIR-II Lanthanide Nanoparticles. <i>Angewandte Chemie</i> , 2019 , 131, 2072-2076	3.6	31
22	A hybrid erbium(III)-bacteriochlorin near-infrared probe for multiplexed biomedical imaging. <i>Nature Materials</i> , 2021 , 20, 1571-1578	27	29
21	Er ³⁺ Sensitized 1530 nm to 1180 nm Second Near-Infrared Window Upconversion Nanocrystals for In Vivo Biosensing. <i>Angewandte Chemie</i> , 2018 , 130, 7640-7644	3.6	27
20	Recent progress in NIR-II emitting lanthanide-based nanoparticles and their biological applications. <i>Journal of Rare Earths</i> , 2020 , 38, 451-463	3.7	26
19	High-Capacity Upconversion Wavelength and Lifetime Binary Encoding for Multiplexed Biodetection. <i>Angewandte Chemie</i> , 2018 , 130, 13006-13011	3.6	24
18	Independent Luminescent Lifetime and Intensity Tuning of Upconversion Nanoparticles by Gradient Doping for Multiplexed Encoding. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 7041-7045	16.4	23
17	Optical Multiplexed Bioassays for Improved Biomedical Diagnostics. <i>Angewandte Chemie</i> , 2019 , 131, 13342-13353	3.6	18
16	Generation and Reactions of Heteroaromatic Lithium Compounds by Using In-Line Mixer in a Continuous Flow Microreactor System at Mild Conditions. <i>Organic Process Research and Development</i> , 2013 , 17, 133-137	3.9	18
15	In Vivo Assembly and Disassembly of Probes to Improve Near-Infrared Optical Bioimaging. <i>Advanced Healthcare Materials</i> , 2019 , 8, e1801650	10.1	17
14	Fabrication and optical sensing properties of mesoporous silica nanorod arrays. <i>RSC Advances</i> , 2015 , 5, 90659-90666	3.7	15
13	Optical waveguide sensor based on silica nanotube arrays for label-free biosensing. <i>Biosensors and Bioelectronics</i> , 2015 , 67, 230-6	11.8	15
12	Enhanced fluorescence in a nanoporous waveguide and its quantitative analysis. <i>Optics Express</i> , 2012 , 20, 12850-9	3.3	15
11	Bright and Stable NIR-II J-Aggregated AIE Dibodipy-Based Fluorescent Probe for Dynamic In Vivo Bioimaging. <i>Angewandte Chemie</i> , 2021 , 133, 4013-4019	3.6	12

10	NIR-II Chemiluminescence Molecular Sensor for In Vivo High-Contrast Inflammation Imaging. <i>Angewandte Chemie</i> , 2020 , 132, 18538-18543	3.6	11
9	Highly sensitive real-time detection of DNA hybridization by using nanoporous waveguide fluorescence spectroscopy. <i>Applied Physics Letters</i> , 2014 , 105, 031103	3.4	9
8	Vapor phase synthesis of mesoporous silica rods within the pores of alumina membranes. <i>New Journal of Chemistry</i> , 2012 , 36, 1301	3.6	8
7	A SiO ₂ -coated nanoporous alumina membrane for stable label-free waveguide biosensing. <i>RSC Advances</i> , 2014 , 4, 62987-62995	3.7	7
6	Independent Luminescent Lifetime and Intensity Tuning of Upconversion Nanoparticles by Gradient Doping for Multiplexed Encoding. <i>Angewandte Chemie</i> , 2021 , 133, 7117-7121	3.6	6
5	Hierarchically structured periodic mesoporous silica by vapor phase synthesis. <i>Microporous and Mesoporous Materials</i> , 2012 , 162, 122-130	5.3	4
4	Surfactant-Stripped Semiconducting Polymer Micelles for Tumor Theranostics and Deep Tissue Imaging in the NIR-II Window. <i>Small</i> , 2021 , e2104132	11	4
3	Orthogonal Multiplexed NIR-II Imaging with Excitation-Selective Lanthanide-Based Nanoparticles.. <i>Analytical Chemistry</i> , 2022 ,	7.8	4
2	Manganese Oxide Nanoclusters for Skin Photoprotection.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 3974-3982	4.1	0
1	A novel lanthanide-based NIR-II nanoprobe for lung squamous cell carcinoma identification. <i>Biomaterials Science</i> , 2021 , 9, 6568-6573	7.4	