

Zhuoran

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

2,000
citations

687220

13
h-index

1058333

14
g-index

14
all docs

14
docs citations

14
times ranked

2106
citing authors

#	ARTICLE	IF	CITATIONS
1	In vivo molecular imaging for immunotherapy using ultra-bright near-infrared-IIb rare-earth nanoparticles. <i>Nature Biotechnology</i> , 2019, 37, 1322-1331.	9.4	398
2	Rational Design of Molecular Fluorophores for Biological Imaging in the NIR-II Window. <i>Advanced Materials</i> , 2017, 29, 1605497.	11.1	356
3	Bright quantum dots emitting at $\sim 1,600$ nm in the NIR-IIb window for deep tissue fluorescence imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 6590-6595.	3.3	310
4	Molecular imaging of biological systems with a clickable dye in the broad 800- to 1,700-nm near-infrared window. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 962-967.	3.3	230
5	Light-sheet microscopy in the near-infrared II window. <i>Nature Methods</i> , 2019, 16, 545-552.	9.0	151
6	Molecular Cancer Imaging in the Second Near-Infrared Window Using a Renal-Excreted NIR-II Fluorophore-Peptide Probe. <i>Advanced Materials</i> , 2018, 30, e1800106.	11.1	115
7	Near-Infrared IIb Fluorescence Imaging of Vascular Regeneration with Dynamic Tissue Perfusion Measurement and High Spatial Resolution. <i>Advanced Functional Materials</i> , 2018, 28, 1803417.	7.8	107
8	In vivo non-invasive confocal fluorescence imaging beyond 1,700-nm using superconducting nanowire single-photon detectors. <i>Nature Nanotechnology</i> , 2022, 17, 653-660.	15.6	88
9	A theranostic agent for cancer therapy and imaging in the second near-infrared window. <i>Nano Research</i> , 2019, 12, 273-279.	5.8	86
10	Deep learning for in vivo near-infrared imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	53
11	In vivo NIR-II structured-illumination light-sheet microscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	39
12	Cross-Link-Functionalized Nanoparticles for Rapid Excretion in Nanotheranostic Applications. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20552-20560.	7.2	35
13	High-precision tumor resection down to few-cell level guided by NIR-IIb molecular fluorescence imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2123111119.	3.3	26
14	Cross-Link-Functionalized Nanoparticles for Rapid Excretion in Nanotheranostic Applications. <i>Angewandte Chemie</i> , 2020, 132, 20733-20741.	1.6	6