

# Jing Mu

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

2,591  
citations

218381

26  
h-index

315357

38  
g-index

42  
all docs

42  
docs citations

42  
times ranked

3797  
citing authors

#	ARTICLE	IF	CITATIONS
1	In vivo covalent cross-linking of photon-converted rare-earth nanostructures for tumour localization and theranostics. <i>Nature Communications</i> , 2016, 7, 10432.	5.8	376
2	Development of endogenous enzyme-responsive nanomaterials for theranostics. <i>Chemical Society Reviews</i> , 2018, 47, 5554-5573.	18.7	260
3	Solvent-Assisted Self-Assembly of a Metal-Organic Framework Based Biocatalyst for Cascade Reaction Driven Photodynamic Therapy. <i>Journal of the American Chemical Society</i> , 2020, 142, 6822-6832.	6.6	201
4	Recent Advances of Light-Mediated Theranostics. <i>Theranostics</i> , 2016, 6, 2439-2457.	4.6	171
5	Activating Macrophage-Mediated Cancer Immunotherapy by Genetically Edited Nanoparticles. <i>Advanced Materials</i> , 2020, 32, e2004853.	11.1	146
6	A Phototheranostic Strategy to Continuously Deliver Singlet Oxygen in the Dark and Hypoxic Tumor Microenvironment. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8833-8838.	7.2	139
7	The Chemistry of Organic Contrast Agents in the NIR Window. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	124
8	Remote Regulation of Membrane Channel Activity by Site-Specific Localization of Lanthanide-Doped Upconversion Nanocrystals. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3031-3035.	7.2	121
9	A hybrid semiconducting organosilica-based O <sub>2</sub> nanoeconomizer for on-demand synergistic photothermally-boosted radiotherapy. <i>Nature Communications</i> , 2021, 12, 523.	5.8	77
10	Recent Advances on the Development of Pharmacotherapeutic Agents on the Basis of Human Serum Albumin. <i>Current Pharmaceutical Design</i> , 2015, 21, 1866-1888.	0.9	65
11	Cascade Reactions Catalyzed by Planar Metal-Organic Framework Hybrid Architecture for Combined Cancer Therapy. <i>Small</i> , 2020, 16, e2004016.	5.2	64
12	A Small-Molecule FRET Reporter for the Real-Time Visualization of Cell-Surface Proteolytic Enzyme Functions. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 14357-14362.	7.2	63
13	Stimuli-responsive cyclodextrin-based nanoplatfoms for cancer treatment and theranostics. <i>Materials Horizons</i> , 2019, 6, 846-870.	6.4	61
14	Small-sized gadolinium oxide based nanoparticles for high-efficiency theranostics of orthotopic glioblastoma. <i>Biomaterials</i> , 2020, 235, 119783.	5.7	61
15	Photoactivated drug delivery and bioimaging. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2017, 9, e1408.	3.3	59
16	Peptide-perylene diimide functionalized magnetic nano-platforms for fluorescence turn-on detection and clearance of bacterial lipopolysaccharides. <i>Chemical Communications</i> , 2014, 50, 6200-6203.	2.2	52
17	Rationally Programming Nanomaterials with DNA for Biomedical Applications. <i>Advanced Science</i> , 2021, 8, 2003775.	5.6	51
18	Human Transport Protein Carrier for Controlled Photoactivation of Antitumor Prodrug and Real-Time Intracellular Tumor Imaging. <i>Bioconjugate Chemistry</i> , 2015, 26, 955-961.	1.8	47

#	ARTICLE	IF	CITATIONS
19	Reactive Oxygen Species Activatable Heterodimeric Prodrug as Tumor-Selective Nanotheranostics. ACS Nano, 2020, 14, 16875-16886.	7.3	45
20	Dye- $\epsilon$ Sensitized Downconversion Nanoprobes with Emission Beyond 1500 nm for Ratiometric Visualization of Cancer Redox State. Advanced Functional Materials, 2021, 31, 2009942.	7.8	43
21	Nanosized Janus AuNR-Pt Motor for Enhancing NIR-II Photoacoustic Imaging of Deep Tumor and Pt <sup>2+</sup> Ion-Based Chemotherapy. ACS Nano, 2022, 16, 7947-7960.	7.3	43
22	In Vivo Chemoselective Photoacoustic Imaging of Copper(II) in Plant and Animal Subjects. Small, 2019, 15, e1803866.	5.2	40
23	Enzyme-responsive reporter molecules for selective localization and fluorescence imaging of pathogenic biofilms. Chemical Communications, 2017, 53, 3330-3333.	2.2	38
24	Engineering of nanoscale coordination polymers with biomolecules for advanced applications. Coordination Chemistry Reviews, 2019, 399, 213039.	9.5	36
25	Investigation of Thermally Induced Cellular Ablation and Heat Response Triggered by Planar MoS <sub>2</sub> -Based Nanocomposite. Bioconjugate Chemistry, 2017, 28, 1059-1067.	1.8	33
26	Near infrared light-mediated photoactivation of cytotoxic Re( $\epsilon$ ) complexes by using lanthanide-doped upconversion nanoparticles. Dalton Transactions, 2016, 45, 14101-14108.	1.6	27
27	The Chemistry of Organic Contrast Agents in the NIR- $\epsilon$ Window. Angewandte Chemie, 2022, 134, .	1.6	22
28	A near-infrared turn-on probe for in vivo chemoselective photoacoustic detection of fluoride ion. Dyes and Pigments, 2019, 165, 408-414.	2.0	19
29	Stimulus-Responsive Short Peptide Nanogels for Controlled Intracellular Drug Release and for Overcoming Tumor Resistance. Chemistry - an Asian Journal, 2017, 12, 744-752.	1.7	18
30	A Phototheranostic Strategy to Continuously Deliver Singlet Oxygen in the Dark and Hypoxic Tumor Microenvironment. Angewandte Chemie, 2020, 132, 8918-8923.	1.6	16
31	Glycopeptide antibiotic analogs for selective inactivation and two-photon imaging of vancomycin-resistant strains. Chemical Communications, 2016, 52, 4667-4670.	2.2	15
32	Activatable Nanoprobe with Aggregation-Induced Dual Fluorescence and Photoacoustic Signal Enhancement for Tumor Precision Imaging and Radiotherapy. Analytical Chemistry, 2022, 94, 5204-5211.	3.2	15
33	Remote Regulation of Membrane Channel Activity by Site-Specific Localization of Lanthanide-Doped Upconversion Nanocrystals. Angewandte Chemie, 2017, 129, 3077-3081.	1.6	11
34	Spatiotemporal- $\epsilon$ Controlled Reporter for Cell-Surface Proteolytic Enzyme Activity Visualization. ChemBioChem, 2019, 20, 561-567.	1.3	6
35	Synthesis of Core-shell Lanthanide-doped Upconversion Nanocrystals for Cellular Applications. Journal of Visualized Experiments, 2017, , .	0.2	3
36	Remote Regulation of Membrane Channel Activity by Site-Specific Localization of Lanthanide-Doped Upconversion Nanocrystals (Angew. Chem. 11/2017). Angewandte Chemie, 2017, 129, 3156-3156.	1.6	1