

Xingjun Zhu

List of Publications by Year in Descending Order

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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.

35
papers

3,623
citations

26
h-index

37
g-index

37
ext. papers

4,207
ext. citations

13.5
avg, IF

5.56
L-index

#	Paper	IF	Citations
35	Customized Photothermal Therapy of Subcutaneous Orthotopic Cancer by Multichannel Luminescent Nanocomposites. <i>Advanced Materials</i> , 2021 , 33, e2008615	24	10
34	EDTA-Modified 17 β Estradiol-Laden Upconversion Nanocomposite for Bone-Targeted Hormone Replacement Therapy for Osteoporosis. <i>Theranostics</i> , 2020 , 10, 3281-3292	12.1	11
33	Pro-efferocytic nanoparticles are specifically taken up by lesional macrophages and prevent atherosclerosis. <i>Nature Nanotechnology</i> , 2020 , 15, 154-161	28.7	89
32	Theranostic nanoparticles enabling the release of phosphorylated gemcitabine for advanced pancreatic cancer therapy. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 2410-2417	7.3	4
31	Ratiometric upconversion nanothermometry with dual emission at the same wavelength decoded via a time-resolved technique. <i>Nature Communications</i> , 2020 , 11, 4	17.4	93
30	Quantitative Drug Release Monitoring in Tumors of Living Subjects by Magnetic Particle Imaging Nanocomposite. <i>Nano Letters</i> , 2019 , 19, 6725-6733	11.5	58
29	Near-Infrared Upconversion Luminescence and Bioimaging In Vivo Based on Quantum Dots. <i>Advanced Science</i> , 2019 , 6, 1801834	13.6	31
28	Non-spherical micro- and nanoparticles in nanomedicine. <i>Materials Horizons</i> , 2019 , 6, 1094-1121	14.4	81
27	Sono-optogenetics facilitated by a circulation-delivered rechargeable light source for minimally invasive optogenetics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 ,	11.5	56
26	Dual functional NaYF:Yb, Er@NaYF:Yb, Nd core-shell nanoparticles for cell temperature sensing and imaging. <i>Nanotechnology</i> , 2018 , 29, 094001	3.4	23
25	Ratiometric nanothermometer in vivo based on triplet \rightarrow sensitized upconversion. <i>Nature Communications</i> , 2018 , 9, 2698	17.4	126
24	Upconversion nanocomposite for programming combination cancer therapy by precise control of microscopic temperature. <i>Nature Communications</i> , 2018 , 9, 2176	17.4	145
23	Energy Transfer Highway in Nd-Sensitized Nanoparticles for Efficient near-Infrared Bioimaging. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 18540-18548	9.5	49
22	Anti-Stokes shift luminescent materials for bio-applications. <i>Chemical Society Reviews</i> , 2017 , 46, 1025-1039	39.5	275
21	Hybrid Nanoclusters for Near-Infrared to Near-Infrared Upconverted Persistent Luminescence Bioimaging. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 32583-32590	9.5	42
20	In vivo biodistribution and passive accumulation of upconversion nanoparticles in colorectal cancer models via intraperitoneal injection. <i>RSC Advances</i> , 2017 , 7, 31588-31596	3.7	10
19	Intraperitoneal Administration of Biointerface-Camouflaged Upconversion Nanoparticles for Contrast Enhanced Imaging of Pancreatic Cancer. <i>Advanced Functional Materials</i> , 2016 , 26, 8631-8642	15.6	18

18	Highly Enhanced Cooperative Upconversion Luminescence through Energy Transfer Optimization and Quenching Protection. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 17894-901	9.5	37
17	Temperature-feedback upconversion nanocomposite for accurate photothermal therapy at facile temperature. <i>Nature Communications</i> , 2016 , 7, 10437	17.4	565
16	Optimization of Prussian Blue Coated NaDyF ₄ :x%Lu Nanocomposites for Multifunctional Imaging-Guided Photothermal Therapy. <i>Advanced Functional Materials</i> , 2016 , 26, 5120-5130	15.6	84
15	Upconversion Luminescent Chemodosimeter Based on NIR Organic Dye for Monitoring Methylmercury In Vivo. <i>Advanced Functional Materials</i> , 2016 , 26, 1945-1953	15.6	80
14	High-Contrast Visualization of Upconversion Luminescence in Mice Using Time-Gating Approach. <i>Analytical Chemistry</i> , 2016 , 88, 3449-54	7.8	68
13	Nd-Sensitized Upconversion Nanostructure as a Dual-Channel Emitting Optical Probe for Near Infrared-to-Near Infrared Fingerprint Imaging. <i>Inorganic Chemistry</i> , 2016 , 55, 10278-10283	5.1	62
12	CB[8] gated photochromism of a diarylethene derivative containing thiazole orange groups. <i>Chemical Communications</i> , 2015 , 51, 6667-70	5.8	19
11	¹⁷ Estradiol-Loaded PEGylated Upconversion Nanoparticles as a Bone-Targeted Drug Nanocarrier. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 15803-11	9.5	20
10	An Nd ³⁺ -sensitized upconversion nanophosphor modified with a cyanine dye for the ratiometric upconversion luminescence bioimaging of hypochlorite. <i>Nanoscale</i> , 2015 , 7, 4105-13	7.7	71
9	Intra-arterial infusion of PEGylated upconversion nanophosphors to improve the initial uptake by tumors in vivo. <i>RSC Advances</i> , 2014 , 4, 23580	3.7	12
8	Lanthanide-based nanocrystals as dual-modal probes for SPECT and X-ray CT imaging. <i>Biomaterials</i> , 2014 , 35, 4699-705	15.6	36
7	Recent advances in the optimization and functionalization of upconversion nanomaterials for in vivo bioapplications. <i>NPG Asia Materials</i> , 2013 , 5, e75-e75	10.3	72
6	NIR photothermal therapy using polyaniline nanoparticles. <i>Biomaterials</i> , 2013 , 34, 9584-92	15.6	277
5	Core-shell lanthanide upconversion nanophosphors as four-modal probes for tumor angiogenesis imaging. <i>ACS Nano</i> , 2013 , 7, 11290-300	16.7	224
4	Hollow silica nanoparticles loaded with hydrophobic phthalocyanine for near-infrared photodynamic and photothermal combination therapy. <i>Biomaterials</i> , 2013 , 34, 7905-12	15.6	125
3	Core-shell Fe ₃ O ₄ @NaLuF ₄ :Yb,Er/Tm nanostructure for MRI, CT and upconversion luminescence tri-modality imaging. <i>Biomaterials</i> , 2012 , 33, 4618-27	15.6	247
2	Water-stable NaLuF ₄ -based upconversion nanophosphors with long-term validity for multimodal lymphatic imaging. <i>Biomaterials</i> , 2012 , 33, 6201-10	15.6	136
1	Fluorine-18-labeled Gd ³⁺ /Yb ³⁺ /Er ³⁺ co-doped NaYF ₄ nanophosphors for multimodality PET/MR/UCL imaging. <i>Biomaterials</i> , 2011 , 32, 1148-56	15.6	366

