Xingjun Zhu

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.

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	Temperature-feedback upconversion nanocomposite for accurate photothermal therapy at facile temperature. *Nature Communications*, **2016**, 7, 10437	17.4	565
34	Fluorine-18-labeled Gd3+/Yb3+/Er3+ co-doped NaYF4 nanophosphors for multimodality PET/MR/UCL imaging. *Biomaterials*, **2011**, 32, 1148-56	15.6	366
33	NIR photothermal therapy using polyaniline nanoparticles. *Biomaterials*, **2013**, 34, 9584-92	15.6	277
32	Anti-Stokes shift luminescent materials for bio-applications. *Chemical Society Reviews*, **2017**, 46, 1025-1039	38.5	275
31	Core-shell Fe3O4@NaLuF4:Yb,Er/Tm nanostructure for MRI, CT and upconversion luminescence tri-modality imaging. *Biomaterials*, **2012**, 33, 4618-27	15.6	247
30	Core-shell lanthanide upconversion nanophosphors as four-modal probes for tumor angiogenesis imaging. *ACS Nano*, **2013**, 7, 11290-300	16.7	224
29	Upconversion nanocomposite for programming combination cancer therapy by precise control of microscopic temperature. *Nature Communications*, **2018**, 9, 2176	17.4	145
28	Water-stable NaLuF4-based upconversion nanophosphors with long-term validity for multimodal lymphatic imaging. *Biomaterials*, **2012**, 33, 6201-10	15.6	136
27	Ratiometric nanothermometer in vivo based on triplet□sensitized upconversion. *Nature Communications*, **2018**, 9, 2698	17.4	126
26	Hollow silica nanoparticles loaded with hydrophobic phthalocyanine for near-infrared photodynamic and photothermal combination therapy. *Biomaterials*, **2013**, 34, 7905-12	15.6	125
25	Ratiometric upconversion nanothermometry with dual emission at the same wavelength decoded via a time-resolved technique. *Nature Communications*, **2020**, 11, 4	17.4	93
24	Pro-efferocytic nanoparticles are specifically taken up by lesional macrophages and prevent atherosclerosis. *Nature Nanotechnology*, **2020**, 15, 154-161	28.7	89
23	Optimization of Prussian Blue Coated NaDyF4:x%Lu Nanocomposites for Multifunctional Imaging-Guided Photothermal Therapy. *Advanced Functional Materials*, **2016**, 26, 5120-5130	15.6	84
22	Non-spherical micro- and nanoparticles in nanomedicine. *Materials Horizons*, **2019**, 6, 1094-1121	14.4	81
21	Upconversion Luminescent Chemodosimeter Based on NIR Organic Dye for Monitoring Methylmercury In Vivo. *Advanced Functional Materials*, **2016**, 26, 1945-1953	15.6	80
20	Recent advances in the optimization and functionalization of upconversion nanomaterials for in vivo bioapplications. *NPG Asia Materials*, **2013**, 5, e75-e75	10.3	72
19	An Nd□+-sensitized upconversion nanophosphor modified with a cyanine dye for the ratiometric upconversion luminescence bioimaging of hypochlorite. *Nanoscale*, **2015**, 7, 4105-13	7.7	71

18	High-Contrast Visualization of Upconversion Luminescence in Mice Using Time-Gating Approach. *Analytical Chemistry*, **2016**, 88, 3449-54	7.8	68
17	Nd-Sensitized Upconversion Nanostructure as a Dual-Channel Emitting Optical Probe for Near Infrared-to-Near Infrared Fingerprint Imaging. *Inorganic Chemistry*, **2016**, 55, 10278-10283	5.1	62
16	Quantitative Drug Release Monitoring in Tumors of Living Subjects by Magnetic Particle Imaging Nanocomposite. *Nano Letters*, **2019**, 19, 6725-6733	11.5	58
15	Sono-optogenetics facilitated by a circulation-delivered rechargeable light source for minimally invasive optogenetics. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**,	11.5	56
14	Energy Transfer Highway in Nd-Sensitized Nanoparticles for Efficient near-Infrared Bioimaging. *ACS Applied Materials & Interfaces*, **2017**, 9, 18540-18548	9.5	49
13	Hybrid Nanoclusters for Near-Infrared to Near-Infrared Upconverted Persistent Luminescence Bioimaging. *ACS Applied Materials & Interfaces*, **2017**, 9, 32583-32590	9.5	42
12	Highly Enhanced Cooperative Upconversion Luminescence through Energy Transfer Optimization and Quenching Protection. *ACS Applied Materials & Interfaces*, **2016**, 8, 17894-901	9.5	37
11	Lanthanide-based nanocrystals as dual-modal probes for SPECT and X-ray CT imaging. *Biomaterials*, **2014**, 35, 4699-705	15.6	36
10	Near-Infrared Upconversion Luminescence and Bioimaging In Vivo Based on Quantum Dots. *Advanced Science*, **2019**, 6, 1801834	13.6	31
9	Dual functional NaYF:Yb, Er@NaYF:Yb, Nd core-shell nanoparticles for cell temperature sensing and imaging. *Nanotechnology*, **2018**, 29, 094001	3.4	23
8	17β-Estradiol-Loaded PEGlyated Upconversion Nanoparticles as a Bone-Targeted Drug Nanocarrier. *ACS Applied Materials & Interfaces*, **2015**, 7, 15803-11	9.5	20
7	CB[8] gated photochromism of a diarylethene derivative containing thiazole orange groups. *Chemical Communications*, **2015**, 51, 6667-70	5.8	19
6	Intraperitoneal Administration of Biointerface-Camouflaged Upconversion Nanoparticles for Contrast Enhanced Imaging of Pancreatic Cancer. *Advanced Functional Materials*, **2016**, 26, 8631-8642	15.6	18
5	Intra-arterial infusion of PEGylated upconversion nanophosphors to improve the initial uptake by tumors in vivo. *RSC Advances*, **2014**, 4, 23580	3.7	12
4	EDTA-Modified 17β-Estradiol-Laden Upconversion Nanocomposite for Bone-Targeted Hormone Replacement Therapy for Osteoporosis. *Theranostics*, **2020**, 10, 3281-3292	12.1	11
3	In vivo biodistribution and passive accumulation of upconversion nanoparticles in colorectal cancer models via intraperitoneal injection. *RSC Advances*, **2017**, 7, 31588-31596	3.7	10
2	Customized Photothermal Therapy of Subcutaneous Orthotopic Cancer by Multichannel Luminescent Nanocomposites. *Advanced Materials*, **2021**, 33, e2008615	24	10
1	Theranostic nanoparticles enabling the release of phosphorylated gemcitabine for advanced pancreatic cancer therapy. *Journal of Materials Chemistry B*, **2020**, 8, 2410-2417	7.3	4