Ming Xu

List of Publications by Citations

32 papers	1,569 citations	16 h-index	36 g-index
36 ext. papers	1,836 ext. citations	9.3 avg, IF	4.78 L-index

#	Paper	IF	Citations
32	Controlled Sn-doping in TiO2 nanowire photoanodes with enhanced photoelectrochemical conversion. *Nano Letters*, **2012**, 12, 1503-8	11.5	349
31	Red-light-controllable liquid-crystal soft actuators via low-power excited upconversion based on triplet-triplet annihilation. *Journal of the American Chemical Society*, **2013**, 135, 16446-53	16.4	176
30	Branched Co3O4/Fe2O3 nanowires as high capacity lithium-ion battery anodes. *Nano Research*, **2013**, 6, 167-173	10	155
29	Ratiometric nanothermometer in vivo based on triplet□sensitized upconversion. *Nature Communications*, **2018**, 9, 2698	17.4	126
28	Aligned NiO nanoflake arrays grown on copper as high capacity lithium-ion battery anodes. *Journal of Materials Chemistry*, **2012**, 22, 19821		102
27	3D Long-Range Triplet Migration in a Water-Stable Metal-Organic Framework for Upconversion-Based Ultralow-Power in Vivo Imaging. *Journal of the American Chemical Society*, **2018**, 140, 5493-5499	16.4	101
26	Multi-layered mesoporous TiO2 thin films with large pores and highly crystalline frameworks for efficient photoelectrochemical conversion. *Journal of Materials Chemistry A*, **2013**, 1, 1591-1599	13	81
25	Hierarchical SnO2□Fe2O3 heterostructures as lithium-ion battery anodes. *Journal of Materials Chemistry*, **2012**, 22, 21923		77
24	A water-dispersible dye-sensitized upconversion nanocomposite modified with phosphatidylcholine for lymphatic imaging. *Chemical Communications*, **2016**, 52, 13389-13392	5.8	49
23	Highly Photostable Near-IR-Excitation Upconversion Nanocapsules Based on Triplet-Triplet Annihilation for in Vivo Bioimaging Application. *ACS Applied Materials & Interfaces*, **2018**, 10, 9883-9888	9.5	47
22	Ordered Macro-/Mesoporous Anatase Films with High Thermal Stability and Crystallinity for Photoelectrocatalytic Water-Splitting. *Advanced Energy Materials*, **2014**, 4, 1301725	21.8	42
21	Hybrid Nanoclusters for Near-Infrared to Near-Infrared Upconverted Persistent Luminescence Bioimaging. *ACS Applied Materials & Interfaces*, **2017**, 9, 32583-32590	9.5	42
20	Geminate labels programmed by two-tone microdroplets combining structural and fluorescent color. *Nature Communications*, **2021**, 12, 699	17.4	41
19	Direct growth of mesoporous Sn-doped TiO2 thin films on conducting substrates for lithium-ion battery anodes. *Journal of Materials Chemistry A*, **2013**, 1, 13222	13	36
18	Unconventional 0-, 1-, and 2-dimensional single-crystalline copper sulfide nanostructures. *Nanoscale*, **2012**, 4, 1794-9	7.7	26
17	Synthesis of hierarchically nanoporous silica films for controlled drug loading and release. *Nanoscale*, **2011**, 3, 3329-33	7.7	25
16	Lifetime-based nanothermometry with ultra-long-lived luminescence. *Chemical Communications*, **2020**, 56, 10694-10697	5.8	13

List of Publications

15	Tuning the Upconversion Efficiency and Spectrum of Upconversion Nanoparticles through Surface Decorating of an Organic Dye. *Inorganic Chemistry*, **2019**, 58, 14490-14497	5.1	11
14	Mesoporous carbon coated molybdenum oxide nanobelts for improved lithium ion storage. *RSC Advances*, **2014**, 4, 29586-29590	3.7	10
13	Highly efficient BODIPY-doped upconversion nanoparticles for deep-red luminescence bioimaging. *Chemical Communications*, **2021**, 57, 1518-1521	5.8	9
12	Time□xygen & light indicating via photooxidation mediated up-conversion. *Journal of Materials Chemistry C*, **2016**, 4, 9986-9992	7.1	8
11	Afterglow Amplification for Fast and Sensitive Detection of Porphyria in Whole Blood. *ACS Applied Materials & Interfaces*, **2021**, 13, 27991-27998	9.5	7
10	Light-Responsive Luminescent Materials for Information Encryption Against Burst Force Attack. *Small*, **2021**, 17, e2100377	11	6
9	Morphology-dependent vanadium oxide nanostructures grown on Ti foil for Li-ion battery. *Journal of Colloid and Interface Science*, **2014**, 432, 297-301	9.3	5
8	Monitoring energy distribution of nonradiative energy transfer and reabsorption process in an upconversion nanoparticle detection system. *Journal of Luminescence*, **2019**, 210, 175-181	3.8	4
7	Lanthanide-containing persistent luminescence materials with superbright red afterglow and excellent solution processability. *Science China Chemistry*, **2021**, 64, 2125	7.9	4
6	Significantly Enhanced Afterglow Brightness via Intramolecular Energy Transfer **2021**, 3, 713-720		4
5	Steric hindrance boosted upconversion for low-power imaging in vivo. *Journal of Luminescence*, **2020**, 218, 116837	3.8	4
4	Afterglow Implant for Arterial Embolization and Intraoperative Imaging. *Chemistry - A European Journal*, **2021**,	4.8	1
3	Two-Photon Excitation-Based Imaging Postprocessing Algorithm Model for Background-Free Bioimaging. *Analytical Chemistry*, **2021**, 93, 2551-2559	7.8	1
2	Superlong afterglow reporter for the detection of porphyria in whole blood. *Journal of Luminescence*, **2021**, 243, 118612	3.8	0
1	Quantum Yield Measurements of Photochemical Reaction-Based Afterglow Luminescence Materials. *Journal of Physical Chemistry Letters*, **2021**, 12, 9455-9462	6.4	0