

# Yan Zhou

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

2,920  
citations

304743

22  
h-index

377865

34  
g-index

38  
all docs

38  
docs citations

38  
times ranked

3212  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electronically Coupled TTA-UC Solar Cells. , 2022, , 209-237.		0
2	Fully Room-Temperature Reprogrammable, Reprocessable, and Photomobile Soft Actuators from a High-Molecular-Weight Main-Chain Azobenzene Crystalline Poly(ester-amide). ACS Applied Materials & Interfaces, 2022, 14, 3264-3273.	8.0	14
3	Enhancing the performances of physically cross-linked photodeformable main-chain azobenzene poly(ester-amide)s <i>via</i> chemical structure engineering. Polymer Chemistry, 2022, 13, 3713-3725.	3.9	2
4	Biological Sample-Compatible Ratiometric Fluorescent Molecularly Imprinted Polymer Microspheres by RAFT Coupling Chemistry. Langmuir, 2020, 36, 12403-12413.	3.5	19
5	Examining the Influence of Bilayer Structure on Energy Transfer and Molecular Photon Upconversion in Metal Ion Linked Multilayers. Journal of Physical Chemistry C, 2020, 124, 23597-23610.	3.1	7
6	On the Quantum Yield of Photon Upconversion via Triplet-Triplet Annihilation. ACS Energy Letters, 2020, 5, 2322-2326.	17.4	137
7	Hollow metal halide perovskite nanocrystals with efficient blue emissions. Science Advances, 2020, 6, eaaz5961.	10.3	54
8	Bulk Assembly of Zero-Dimensional Organic Lead Bromide Hybrid with Efficient Blue Emission. , 2019, 1, 594-598.		92
9	Green Emitting Single-Crystalline Bulk Assembly of Metal Halide Clusters with Near-Unity Photoluminescence Quantum Efficiency. ACS Energy Letters, 2019, 4, 1579-1583.	17.4	117
10	Singlet Sensitization-Enhanced Upconversion Solar Cells via Self-Assembled Trilayers. ACS Energy Letters, 2019, 4, 1458-1463.	17.4	48
11	Suppressed phase separation of mixed-halide perovskites confined in endotaxial matrices. Nature Communications, 2019, 10, 695.	12.8	156
12	Molecular and Electronic Structure, and Hydrolytic Reactivity of a Samarium(II) Crown Ether Complex. Inorganic Chemistry, 2019, 58, 3457-3465.	4.0	14
13	Narrow or Monodisperse, Physically Cross-Linked, and "Living" Spherical Polymer Particles by One-Stage RAFT Precipitation Polymerization. Macromolecules, 2019, 52, 143-156.	4.8	14
14	Influence of Dye-Coordinated Metal Ions on Electron Transfer Dynamics at Dye-Semiconductor Interfaces. ACS Applied Energy Materials, 2019, 2, 29-36.	5.1	9
15	Tunable Supramolecular Nanoarchitectures Constructed by the Complexation of Diphenanthro-Crown-Cesium(I) with Nickel(II) and Silver(I) Ions. ChemPlusChem, 2019, 84, 161-165.	2.8	3
16	Bulk Assembly of Corrugated 1D Metal Halides with Broadband Yellow Emission. Advanced Optical Materials, 2019, 7, 1801474.	7.3	65
17	Light Emitting Diodes Based on Inorganic Composite Halide Perovskites. Advanced Functional Materials, 2019, 29, 1807345.	14.9	65
18	A Zero-Dimensional Organic Seesaw-Shaped Tin Bromide with Highly Efficient Strongly Stokes-Shifted Deep-Red Emission. Angewandte Chemie, 2018, 130, 1033-1036.	2.0	58

#	ARTICLE	IF	CITATIONS
19	Highly Efficient Spectrally Stable Red Perovskite Light-Emitting Diodes. <i>Advanced Materials</i> , 2018, 30, e1707093.	21.0	184
20	Facile Preparation of Light Emitting Organic Metal Halide Crystals with Near-Unity Quantum Efficiency. <i>Chemistry of Materials</i> , 2018, 30, 2374-2378.	6.7	193
21	A Zero-Dimensional Organic Seesaw-Shaped Tin Bromide with Highly Efficient Strongly Stokes-Shifted Deep-Red Emission. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1021-1024.	13.8	219
22	Luminescent zero-dimensional organic metal halide hybrids with near-unity quantum efficiency. <i>Chemical Science</i> , 2018, 9, 586-593.	7.4	467
23	Examination of Structure and Bonding in 10-Coordinate Europium and Americium Terpyridyl Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 12969-12975.	4.0	22
24	Blue Emitting Single Crystalline Assembly of Metal Halide Clusters. <i>Journal of the American Chemical Society</i> , 2018, 140, 13181-13184.	13.7	183
25	Examining the role of acceptor molecule structure in self-assembled bilayers: surface loading, stability, energy transfer, and upconverted emission. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 20513-20524.	2.8	24
26	Light-Emitting Diodes: Highly Efficient Spectrally Stable Red Perovskite Light-Emitting Diodes (Adv.) <i>Tj ETQq0 0 0 rgBT/Overlock 10 Tf 5</i>	21.0	184
27	Sunlike White-Light-Emitting Diodes Based on Zero-Dimensional Organic Metal Halide Hybrids. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 30051-30057.	8.0	75
28	Wavelength selective separation of metal ions using electroactive ligands. <i>Chemical Communications</i> , 2018, 54, 7507-7510.	4.1	1
29	Reversible photo-gated transmembrane channel assembled from an acylhydrazone-containing crown ether triad. <i>Chemical Communications</i> , 2017, 53, 3681-3684.	4.1	62
30	Tunable Luminescent Lanthanide Supramolecular Assembly Based on Photoreaction of Anthracene. <i>Journal of the American Chemical Society</i> , 2017, 139, 7168-7171.	13.7	98
31	Manganese-Doped One-Dimensional Organic Lead Bromide Perovskites with Bright White Emissions. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 40446-40451.	8.0	101
32	Bulk assembly of organic metal halide nanotubes. <i>Chemical Science</i> , 2017, 8, 8400-8404.	7.4	76
33	Elucidating the Energy- and Electron-Transfer Dynamics of Photon Upconversion in Self-Assembled Bilayers. <i>Journal of Physical Chemistry C</i> , 2017, 121, 19690-19698.	3.1	31
34	Highly Efficient Broadband Yellow Phosphor Based on Zero-Dimensional Tin Mixed-Halide Perovskite. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 44579-44583.	8.0	174
35	Composite Perovskites of Cesium Lead Bromide for Optimized Photoluminescence. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 3266-3271.	4.6	108
36	Influence of meta- and para-phosphonated diphenylanthracene on photon upconversion in self-assembled bilayers. <i>Journal of Photonics for Energy</i> , 2017, 8, 1.	1.3	10

#	ARTICLE	IF	CITATIONS
37	Reprocessable and healable room temperature photoactuators based on a main-chain azobenzene liquid crystalline poly(ester-urea). Journal of Materials Chemistry C, 0, , .	5.5	10