Yan Zhou

List of Publications by Year
in descending order

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	Luminescent zero-dimensional organic metal halide hybrids with near-unity quantum efficiency. Chemical Science, 2018, 9, 586-593.	7.4	467
2	A Zeroâ€Dimensional Organic Seesawâ€Shaped Tin Bromide with Highly Efficient Strongly Stokesâ€Shifted Deepâ€Red Emission. Angewandte Chemie - International Edition, 2018, 57, 1021-1024.	13.8	219
3	Facile Preparation of Light Emitting Organic Metal Halide Crystals with Near-Unity Quantum Efficiency. Chemistry of Materials, 2018, 30, 2374-2378.	6.7	193
4	Highly Efficient Spectrally Stable Red Perovskite Lightâ€Emitting Diodes. Advanced Materials, 2018, 30, e1707093.	21.0	184
5	Blue Emitting Single Crystalline Assembly of Metal Halide Clusters. Journal of the American Chemical Society, 2018, 140, 13181-13184.	13.7	183
6	Highly Efficient Broadband Yellow Phosphor Based on Zero-Dimensional Tin Mixed-Halide Perovskite. ACS Applied Materials & Interfaces, 2017, 9, 44579-44583.	8.0	174
7	Suppressed phase separation of mixed-halide perovskites confined in endotaxial matrices. Nature Communications, 2019, 10, 695.	12.8	156
8	On the Quantum Yield of Photon Upconversion via Tripletâ€“Triplet Annihilation. ACS Energy Letters, 2020, 5, 2322-2326.	17.4	137
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	Composite Perovskites of Cesium Lead Bromide for Optimized Photoluminescence. Journal of Physical Chemistry Letters, 2017, 8, 3266-3271.	4.6	108
11	Manganese-Doped One-Dimensional Organic Lead Bromide Perovskites with Bright White Emissions. ACS Applied Materials & Interfaces, 2017, 9, 40446-40451.	8.0	101
12	Tunable Luminescent Lanthanide Supramolecular Assembly Based on Photoreaction of Anthracene. Journal of the American Chemical Society, 2017, 139, 7168-7171.	13.7	98
13	Bulk Assembly of Zero-Dimensional Organic Lead Bromide Hybrid with Efficient Blue Emission. , 2019, 1, 594-598.		92
14	Bulk assembly of organic metal halide nanotubes. Chemical Science, 2017, 8, 8400-8404.	7.4	76
15	Sunlike White-Light-Emitting Diodes Based on Zero-Dimensional Organic Metal Halide Hybrids. ACS Applied Materials & Interfaces, 2018, 10, 30051-30057.	8.0	75
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	Reversible photo-gated transmembrane channel assembled from an acylhydrazone-containing crown ether triad. Chemical Communications, 2017, 53, 3681-3684.	4.1	62

#	Article	IF	Citations
19	A Zeroâ€Dimensional Organic Seesawâ€Shaped Tin Bromide with Highly Efficient Strongly Stokesâ€Shifted Deepâ€Red Emission. Angewandte Chemie, 2018, 130, 1033-1036.	2.0	58
20	Hollow metal halide perovskite nanocrystals with efficient blue emissions. Science Advances, 2020, 6, eaaz5961.	10.3	54
21	Singlet Sensitization-Enhanced Upconversion Solar Cells via Self-Assembled Trilayers. ACS Energy Letters, 2019, 4, 1458-1463.	17.4	48
22	Elucidating the Energy- and Electron-Transfer Dynamics of Photon Upconversion in Self-Assembled Bilayers. Journal of Physical Chemistry C, 2017, 121, 19690-19698.	3.1	31
23	Examining the role of acceptor molecule structure in self-assembled bilayers: surface loading, stability, energy transfer, and upconverted emission. Physical Chemistry Chemical Physics, 2018, 20, 20513-20524.	2.8	24
24	Examination of Structure and Bonding in 10-Coordinate Europium and Americium Terpyridyl Complexes. Inorganic Chemistry, 2018, 57, 12969-12975.	4.0	22
25	Biological Sample-Compatible Ratiometric Fluorescent Molecularly Imprinted Polymer Microspheres by RAFT Coupling Chemistry. Langmuir, 2020, 36, 12403-12413.	3.5	19
26	Molecular and Electronic Structure, and Hydrolytic Reactivity of a Samarium(II) Crown Ether Complex. Inorganic Chemistry, 2019, 58, 3457-3465.	4.0	14
27	Narrow or Monodisperse, Physically Cross-Linked, and â€œLivingâ€•Spherical Polymer Particles by One-Stage RAFT Precipitation Polymerization. Macromolecules, 2019, 52, 143-156.	4.8	14
28	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
29	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
30	Influence of meta- and para-phosphonated diphenylanthracene on photon upconversion in self-assembled bilayers. Journal of Photonics for Energy, 2017, 8, 1.	1.3	10
31	Influence of Dye-Coordinated Metal Ions on Electron Transfer Dynamics at Dyeâ€“Semiconductor Interfaces. ACS Applied Energy Materials, 2019, 2, 29-36.	5.1	9
32	Light-Emitting Diodes: Highly Efficient Spectrally Stable Red Perovskite Light-Emitting Diodes (Adv.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	21.0	7
33	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
34	Tunable Supramolecular Nanoarchitectures Constructed by the Complexation of Diphenanthroâ€24â€Crownâ€8/Cesium(I) with Nickel(II) and Silver(I) Ions. ChemPlusChem, 2019, 84, 161-165.	2.8	3
35	Enhancing the performances of physically cross-linked photodeformable main-chain azobenzene poly(ester-amide)s via chemical structure engineering. Polymer Chemistry, 2022, 13, 3713-3725.	3.9	2
36	Wavelength selective separation of metal ions using electroactive ligands. Chemical Communications, 2018, 54, 7507-7510.	4.1	1

#	Article	IF	Citations
37	Electronically Coupled TTA-UC Solar Cells. , 2022, , 209-237.		0