

# Yadong Zhang

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Sea-Urchin-like Hollow CuMoO <sub>4</sub> •CoMoO <sub>4</sub> Hybrid Microspheres, a Noble-Metal-like Robust Catalyst for the Fast Hydrogen Production from Ammonia Borane. ACS Applied Energy Materials, 2021, 4, 633-642.	5.1	31
2	Zone-Folded Longitudinal Acoustic Phonons Driving Self-Trapped State Emission in Colloidal CdSe Nanoplatelet Superlattices. Nano Letters, 2021, 21, 4137-4144.	9.1	22
3	Shape-Dependent Linear Dichroism Spectra of Colloidal Semiconductor Nanocrystals. Langmuir, 2021, 37, 7611-7616.	3.5	3
4	Magnetic Circular Dichroism in Nanomaterials: New Opportunity in Understanding and Modulation of Excitonic and Plasmonic Resonances. Advanced Materials, 2020, 32, e1801491.	21.0	78
5	Computational Screening of Single Non-Noble Transition-Metal Atoms Confined Inside Boron Nitride Nanotubes for CO Oxidation. Journal of Physical Chemistry C, 2020, 124, 2030-2038.	3.1	10
6	Identification of Key Reversible Intermediates in Self-Reconstructed Nickel-Based Hybrid Electrocatalysts for Oxygen Evolution. Angewandte Chemie - International Edition, 2019, 58, 17458-17464.	13.8	255
7	Detecting Semiconductor Nanoplatelets with Distinctive Crystal Structures and Thickness by Magnetic Circular Dichroism. Journal of Physical Chemistry C, 2019, 123, 29331-29336.	3.1	3
8	Identification of Key Reversible Intermediates in Self-Reconstructed Nickel-Based Hybrid Electrocatalysts for Oxygen Evolution. Angewandte Chemie, 2019, 131, 17619-17625.	2.0	45
9	Negative Charging of Transition-Metal Phosphides via Strong Electronic Coupling for Destabilization of Alkaline Water. Angewandte Chemie, 2019, 131, 11922-11926.	2.0	22
10	Detecting electronic structure evolution of semiconductor nanocrystals by magnetic circular dichroism spectroscopy. Nanoscale, 2019, 11, 19380-19386.	5.6	6
11	Negative Charging of Transition-Metal Phosphides via Strong Electronic Coupling for Destabilization of Alkaline Water. Angewandte Chemie - International Edition, 2019, 58, 11796-11800.	13.8	155
12	Distinct Excitonic Circular Dichroism between Wurtzite and Zincblende CdSe Nanoplatelets. Nano Letters, 2018, 18, 6665-6671.	9.1	68
13	Geometry-Modulated Magnetoplasmonic Optical Activity of Au Nanorod-Based Nanostructures. Nano Letters, 2017, 17, 6083-6089.	9.1	55
14	Geometry-Modulated Magnetoplasmonic Circular Dichroism of Gold Nanobipyramids. Journal of Physical Chemistry C, 0, , .	3.1	1