

Yadong Zhang

List of Publications by Year in descending order

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