Zi-Ang Nan

List of Publications by Year
in descending order

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20 papers	957 citations	759233 12 h-index	752698 20 g-index
20 all docs	20 docs citations	20 times ranked	1505 citing authors

#	Article	IF	Citations
1	In situ Raman spectroscopy reveals the structure evolution and lattice oxygen reaction pathway induced by the crystallineâ€“amorphous heterojunction for water oxidation. Chemical Science, 2022, 13, 5639-5649.	7.4	14
2	Efficient plasmon-enhanced perovskite solar cells by molecularly isolated gold nanorods. Journal of Energy Chemistry, 2022, , .	12.9	1
3	Defect Passivation by a Multifunctional Phosphate Additive toward Improvements of Efficiency and Stability of Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2022, 14, 31911-31919.	8.0	6
4	Charged droplet-driven fast formation of nickelâ€“iron (oxy)hydroxides with rich oxygen defects for boosting overall water splitting. Journal of Materials Chemistry A, 2021, 9, 20058-20067.	10.3	28
5	Heterometallic Coinage Metal Acetylenediide Clusters Showing Tailored Thermochromic Luminescence. Angewandte Chemie - International Edition, 2021, 60, 14381-14384.	13.8	12
6	Heterometallic Coinage Metal Acetylenediide Clusters Showing Tailored Thermochromic Luminescence. Angewandte Chemie, 2021, 133, 14502-14505.	2.0	2
7	Stability of Perovskite Thin Films under Working Condition: Biasâ€Dependent Degradation and Grain Boundary Effects. Advanced Functional Materials, 2021, 31, 2103894.	14.9	28
8	Corannulene-based hole-transporting material for efficient and stable perovskite solar cells. Cell Reports Physical Science, 2021, 2, 100662.	5.6	13
9	An Allâ€Alkynyl Protected 74â€Nuclei Silver(I)â€“Copper(I)â€Oxo Nanocluster: Oxoâ€Induced Hierarchical Bimetal Aggregation and Anisotropic Surface Ligand Orientation. Angewandte Chemie - International Edition, 2019, 58, 12280-12285.	13.8	40
10	An Allâ€Alkynyl Protected 74â€Nuclei Silver(I)â€“Copper(I)â€Oxo Nanocluster: Oxoâ€Induced Hierarchical Bimetal Aggregation and Anisotropic Surface Ligand Orientation. Angewandte Chemie, 2019, 131, 12408-12413.	2.0	15
11	Monitoring the growth of Agâ€“S clusters through crystallization of intermediate clusters. Chemical Communications, 2019, 55, 6771-6774.	4.1	22
12	The stability enhancement factor beyond eight-electron shell closure in thiacalix[4]arene-protected silver clusters. Chemical Science, 2019, 10, 3360-3365.	7.4	62
13	Enantioselective Synthesis of Homochiral Au₁₃ Nanoclusters and Their Chiroptical Activities. Inorganic Chemistry, 2019, 58, 3670-3675.	4.0	40
14	Toward Long-Term Stability: Single-Crystal Alloys of Cesium-Containing Mixed Cation and Mixed Halide Perovskite. Journal of the American Chemical Society, 2019, 141, 1665-1671.	13.7	141
15	Catalyzed assembly of hollow silver-sulfide cluster through self-releasable anion template. Communications Chemistry, 2018, 1, .	4.5	10
16	Nickel Complexes with Nonâ€innocent Ligands as Highly Active Electrocatalysts for Hydrogen Evolution. Chinese Journal of Chemistry, 2018, 36, 1161-1164.	4.9	10
17	Understanding the Cubic Phase Stabilization and Crystallization Kinetics in Mixed Cations and Halides Perovskite Single Crystals. Journal of the American Chemical Society, 2017, 139, 3320-3323.	13.7	195
18	Alkynyl-protected silver nanoclusters featuring an anticuboctahedral kernel. Nanoscale, 2017, 9, 11405-11409.	5.6	73

#	Article	IF	Citations
19	Thiacalix[4]arene: New protection for metal nanoclusters. Science Advances, 2016, 2, e1600323.	10.3	130
20	Chloride-Promoted Formation of a Bimetallic Nanocluster Au₈₀Ag₃₀ and the Total Structure Determination. Journal of the American Chemical Society, 2016, 138, 7848-7851.	13.7	115