

Zi-Ang Nan

List of Publications by Year in descending order

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Version: 2024-02-01

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	Understanding the Cubic Phase Stabilization and Crystallization Kinetics in Mixed Cations and Halides Perovskite Single Crystals. <i>Journal of the American Chemical Society</i> , 2017, 139, 3320-3323.	13.7	195
2	Toward Long-Term Stability: Single-Crystal Alloys of Cesium-Containing Mixed Cation and Mixed Halide Perovskite. <i>Journal of the American Chemical Society</i> , 2019, 141, 1665-1671.	13.7	141
3	Thiacalix[4]arene: New protection for metal nanoclusters. <i>Science Advances</i> , 2016, 2, e1600323.	10.3	130
4	Chloride-Promoted Formation of a Bimetallic Nanocluster Au ₈₀ Ag ₃₀ and the Total Structure Determination. <i>Journal of the American Chemical Society</i> , 2016, 138, 7848-7851.	13.7	115
5	Alkynyl-protected silver nanoclusters featuring an anticuboctahedral kernel. <i>Nanoscale</i> , 2017, 9, 11405-11409.	5.6	73
6	The stability enhancement factor beyond eight-electron shell closure in thiacalix[4]arene-protected silver clusters. <i>Chemical Science</i> , 2019, 10, 3360-3365.	7.4	62
7	An All-Alkynyl Protected 74-Nuclei Silver(I)-Copper(I)-Oxo Nanocluster: Oxo-Induced Hierarchical Bimetal Aggregation and Anisotropic Surface Ligand Orientation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12280-12285.	13.8	40
8	Enantioselective Synthesis of Homochiral Au ₁₃ Nanoclusters and Their Chiroptical Activities. <i>Inorganic Chemistry</i> , 2019, 58, 3670-3675.	4.0	40
9	Charged droplet-driven fast formation of nickel-iron (oxy)hydroxides with rich oxygen defects for boosting overall water splitting. <i>Journal of Materials Chemistry A</i> , 2021, 9, 20058-20067.	10.3	28
10	Stability of Perovskite Thin Films under Working Condition: Bias-Dependent Degradation and Grain Boundary Effects. <i>Advanced Functional Materials</i> , 2021, 31, 2103894.	14.9	28
11	Monitoring the growth of Ag ₂₅ S clusters through crystallization of intermediate clusters. <i>Chemical Communications</i> , 2019, 55, 6771-6774.	4.1	22
12	An All-Alkynyl Protected 74-Nuclei Silver(I)-Copper(I)-Oxo Nanocluster: Oxo-Induced Hierarchical Bimetal Aggregation and Anisotropic Surface Ligand Orientation. <i>Angewandte Chemie</i> , 2019, 131, 12408-12413.	2.0	15
13	<i>In situ</i> Raman spectroscopy reveals the structure evolution and lattice oxygen reaction pathway induced by the crystalline-amorphous heterojunction for water oxidation. <i>Chemical Science</i> , 2022, 13, 5639-5649.	7.4	14
14	Corannulene-based hole-transporting material for efficient and stable perovskite solar cells. <i>Cell Reports Physical Science</i> , 2021, 2, 100662.	5.6	13
15	Heterometallic Coinage Metal Acetylenediide Clusters Showing Tailored Thermochromic Luminescence. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14381-14384.	13.8	12
16	Catalyzed assembly of hollow silver-sulfide cluster through self-releasable anion template. <i>Communications Chemistry</i> , 2018, 1, .	4.5	10
17	Nickel Complexes with Non-innocent Ligands as Highly Active Electrocatalysts for Hydrogen Evolution. <i>Chinese Journal of Chemistry</i> , 2018, 36, 1161-1164.	4.9	10
18	Defect Passivation by a Multifunctional Phosphate Additive toward Improvements of Efficiency and Stability of Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 31911-31919.	8.0	6

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19	Heterometallic Coinage Metal Acetylenediide Clusters Showing Tailored Thermochromic Luminescence. <i>Angewandte Chemie</i> , 2021, 133, 14502-14505.	2.0	2
20	Efficient plasmon-enhanced perovskite solar cells by molecularly isolated gold nanorods. <i>Journal of Energy Chemistry</i> , 2022, , .	12.9	1