

Juanzhu Yan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8317740/publications.pdf>

Version: 2024-02-01

25
papers

2,988
citations

331538

21
h-index

580701

25
g-index

25
all docs

25
docs citations

25
times ranked

2572
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface Chemistry of Atomically Precise Coinageâ€Metal Nanoclusters: From Structural Control to Surface Reactivity and Catalysis. <i>Accounts of Chemical Research</i> , 2018, 51, 3084-3093.	7.6	459
2	Identifying the Molecular Structures of Intermediates for Optimizing the Fabrication of High-Quality Perovskite Films. <i>Journal of the American Chemical Society</i> , 2016, 138, 9919-9926.	6.6	249
3	Plasmonic twinned silver nanoparticles with molecular precision. <i>Nature Communications</i> , 2016, 7, 12809.	5.8	235
4	Total Structure and Electronic Structure Analysis of Doped Thiolated Silver [M _{Ag} ²⁴ (SR) ₁₈] ²⁺ (M = Pd, Pt) Clusters. <i>Journal of the American Chemical Society</i> , 2015, 137, 11880-11883.	6.6	221
5	Asymmetric Synthesis of Chiral Bimetallic [Ag ₂₈ Cu ₁₂ (SR) ₂₄] ⁴⁻ Nanoclusters via Ion Pairing. <i>Journal of the American Chemical Society</i> , 2016, 138, 12751-12754.	6.6	196
6	Yttriumâ€Catalyzed Intramolecular Hydroalkoxylation/Claisen Rearrangement Sequence: Efficient Synthesis of Mediumâ€Sized Lactams. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4015-4019.	7.2	148
7	Highly Site Selective Formal [5+2] and [4+2] Annulations of Isoxazoles with Heterosubstituted Alkynes by Platinum Catalysis: Rapid Access to Functionalized 1,3â€Oxazepines and 2,5â€Dihydropyridines. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 605-609.	7.2	146
8	Structural Evolution of Atomically Precise Thiolated Bimetallic [Au ₁₂ Cu ₃₂ (SR) ₃₀] ⁴⁻ (n = 0, 1, 2, 3, 4) Nanoclusters. <i>Journal of the American Chemical Society</i> , 2017, 139, 16113-16116.	7.2	145
9	Divergent synthesis of N-heterocycles via controllable cyclization of azido-diyne catalyzed by copper and gold. <i>Nature Communications</i> , 2017, 8, 1748.	5.8	139
10	Atomically Precise, Thiolated Copperâ€Hydride Nanoclusters as Single-Site Hydrogenation Catalysts for Ketones in Mild Conditions. <i>ACS Nano</i> , 2019, 13, 5975-5986.	7.3	138
11	Etherâ€Soluble Cu ₅₃ Nanoclusters as an Effective Precursor of Highâ€Quality CuI Films for Optoelectronic Applications. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 835-839.	7.2	115
12	Embryonic Growth of Face-Center-Cubic Silver Nanoclusters Shaped in Nearly Perfect Half-Cubes and Cubes. <i>Journal of the American Chemical Society</i> , 2017, 139, 31-34.	6.6	113
13	From Racemic Metal Nanoparticles to Optically Pure Enantiomers in One Pot. <i>Journal of the American Chemical Society</i> , 2017, 139, 16113-16116.	6.6	111
14	Co-crystallization of atomically precise metal nanoparticles driven by magic atomic and electronic shells. <i>Nature Communications</i> , 2018, 9, 3357.	5.8	95
15	Microporous Cyclic Titaniumâ€Oxo Clusters with Labile Surface Ligands. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16252-16256.	7.2	90
16	From Symmetry Breaking to Unraveling the Origin of the Chirality of Ligated Au ₁₃ Cu ₂ Nanoclusters. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3421-3425.	7.2	88
17	High-yield synthesis and crystal structure of a green Au ₃₀ cluster co-capped by thiolate and sulfide. <i>Chemical Communications</i> , 2014, 50, 14325-14327.	2.2	86
18	Thiol-stabilized atomically precise, superatomic silver nanoparticles for catalysing cycloisomerization of alkynyl amines. <i>National Science Review</i> , 2018, 5, 694-702.	4.6	63

#	ARTICLE	IF	CITATIONS
19	Supercubes, Supersquares, and Superrods of Face-Centered Cubes (FCC): Atomic and Electronic Requirements of $[M_m(SR)_l(PR_2)_8]_q$ Nanoclusters (M = Coinage Metals) and Their Implications with Respect to Nucleation and Growth of FCC Metals. <i>Inorganic Chemistry</i> , 2017, 56, 11470-11479.	1.9	29
20	<i>N</i> -Methyl-2-pyrrolidone as an excellent coordinative additive with a wide operating range for fabricating high-quality perovskite films. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 2458-2463.	3.0	26
21	From Symmetry Breaking to Unraveling the Origin of the Chirality of Ligated $Au_{13}Cu_2$ Nanoclusters. <i>Angewandte Chemie</i> , 2018, 130, 3479-3483.	1.6	23
22	Microporous Cyclic Titanium-oxo Clusters with Labile Surface Ligands. <i>Angewandte Chemie</i> , 2017, 129, 16470-16474.	1.6	21
23	Ether-soluble Cu_{53} Nanoclusters as an Effective Precursor of High-quality CuI Films for Optoelectronic Applications. <i>Angewandte Chemie</i> , 2018, 131, 845.	1.6	20
24	Peculiar holes on checkerboard facets of a trigonal prismatic $Au_9Ag_{36}(SPhCl)_2$ (PPh) $_3$ cluster caused by steric hindrance and magic electron count. <i>Dalton Transactions</i> , 2017, 46, 1757-1760.	1.6	17
25	Targeting bone microenvironments for treatment and early detection of cancer bone metastatic niches. <i>Journal of Controlled Release</i> , 2022, 341, 443-456.	4.8	15