

Zhaoxian Qin

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

589
citations

687220

13
h-index

610775

24
g-index

26
all docs

26
docs citations

26
times ranked

453
citing authors

#	ARTICLE	IF	CITATIONS
1	Tailoring optical and photocatalytic properties by single-Ag-atom exchange in Au ₁₃ Ag ₁₂ (PPh ₃) ₁₀ Cl ₈ nanoclusters. Nano Research, 2022, 15, 2971-2976.	5.8	34
2	Crystal-Phase-Mediated Restructuring of Pt on TiO ₂ with Tunable Reactivity: Redispersions versus Reshaping. ACS Catalysis, 2022, 12, 3634-3643.	5.5	44
3	In-situ generation and global property profiling of metal nanoclusters by ultraviolet laser dissociation-mass spectrometry. Science China Chemistry, 2022, 65, 1196-1203.	4.2	11
4	A Homoleptic Alkynyl-Ligated [Au ₁₃ Ag ₁₆ L ₂₄] ³⁺ Cluster as a Catalytically Active Eight-Electron Superatom. Angewandte Chemie, 2021, 133, 983-988.	1.6	6
5	A Homoleptic Alkynyl-Ligated [Au ₁₃ Ag ₁₆ L ₂₄] ³⁺ Cluster as a Catalytically Active Eight-Electron Superatom. Angewandte Chemie - International Edition, 2021, 60, 970-975.	7.2	43
6	Recent Progress in Heterogeneous Catalysis by Atomically and Structurally Precise Metal Nanoclusters. Chemical Record, 2021, 21, 879-892.	2.9	44
7	On the redox property of Ag ₁₆ Au ₁₃ clusters: One-way conversion from anionic [Au ₁₃ Ag ₁₆ L ₂₄] ³⁻ to charge neutral [Au ₁₃ Ag ₁₆ L ₂₄]. Journal of Chemical Physics, 2021, 154, 164308.	1.2	6
8	Butterfly-Like Tetranuclear Copper(I) Clusters for Efficient Alkyne Homocoupling Reactions. European Journal of Inorganic Chemistry, 2021, 2021, 392-397.	1.0	10
9	Photo-Induced Cluster-to-Cluster Transformation of [Au ₃₇ Ag ₁₃ (PPh ₃) ₁₃ Cl ₁₀] ³⁺ into [Au ₂₅ Ag ₃ (PPh ₃) ₁₀ Cl ₈] ²⁺ : Fragmentation of a Trimer of 8-Electron Superatoms by Light. Journal of Physical Chemistry Letters, 2021, 12, 10920-10926.	1.3	13
10	Atomically precise nanoclusters with reversible isomeric transformation for rotary nanomotors. Nature Communications, 2020, 11, 6019.	5.8	60
11	Alkynyl- and phosphine-ligated quaternary Au ₂ Ag ₂ clusters featuring an Alkynyl-AuAg motif for multicomponent coupling. RSC Advances, 2020, 10, 21650-21655.	1.7	5
12	Strong Activity Enhancement of the Photocatalytic Degradation of an Azo Dye on Au/TiO ₂ Doped with FeOx. Catalysts, 2020, 10, 933.	1.6	16
13	Experimental and mechanistic understanding of photo-oxidation of methanol catalyzed by CuO/TiO ₂ -spindle nanocomposite: Oxygen vacancy engineering. Nano Research, 2020, 13, 939-946.	5.8	57
14	Pyridine as a trigger in transformation chemistry from Au ₁₄₄ (SR) ₆₀ to aromatic thiolate-ligated gold clusters. Nanoscale, 2020, 12, 4982-4987.	2.8	13
15	[MW ₁₂ O ₄₄] clusters: unprecedented central heteroatoms atomically dispersed in the eight coordination state bridging the 12 polyoxometalate family of Keggin and Silverton. Nanoscale, 2019, 11, 22270-22276.	2.8	9
16	Tris functionalized Cu-centered cyclohexamolybdate molecular armor as a bimetallic catalyst for rapid p-nitrophenol hydrogenation. New Journal of Chemistry, 2019, 43, 28-36.	1.4	6
17	Ti _x Ce _{1-x} O ₂ nanocomposites: a monolithic catalyst for the direct conversion of carbon dioxide and methanol to dimethyl carbonate. Green Chemistry, 2019, 21, 4642-4649.	4.6	66
18	Heterogeneous Cross-Coupling over Gold Nanoclusters. Nanomaterials, 2019, 9, 838.	1.9	32

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19	Tailoring the stability, photocatalysis and photoluminescence properties of Au ₁₁ nanoclusters via doping engineering. <i>Nanoscale Advances</i> , 2019, 1, 2529-2536.	2.2	42
20	Silica-Encapsulated Gold Nanoclusters for Efficient Acetylene Hydrogenation to Ethylene. <i>ACS Applied Nano Materials</i> , 2019, 2, 2999-3006.	2.4	23
21	Supramolecular topology design of silver(I) and copper(II) coordination polymers through a new semi-rigid sulfonyl ligand with different anion templates. <i>Dalton Transactions</i> , 2019, 48, 6730-6737.	1.6	7
22	Au/NiO Composite: A Catalyst for One-Pot Cascade Conversion of Furfural. <i>ACS Applied Energy Materials</i> , 2019, 2, 2654-2661.	2.5	28
23	Manganese cluster induce the control synthesis of RHO- and CHA-type silicoaluminophosphates for dimethylether to light olefin conversion. <i>Fuel</i> , 2019, 244, 104-109.	3.4	12
24	Recent advances in controllable alkoxylation chemistry of Anderson-type polyoxometalates from synthetic strategies perspective. <i>Chinese Science Bulletin</i> , 2018, 63, 3263-3276.	0.4	2