

# Jiang-Wei Zhang

## List of Publications by Year in descending order

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129  
papers

4,945  
citations

76326

40  
h-index

118850

62  
g-index

131  
all docs

131  
docs citations

131  
times ranked

4496  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in alkoxylation chemistry of polyoxometalates: From synthetic strategies, structural overviews to functional applications. <i>Coordination Chemistry Reviews</i> , 2019, 378, 395-414.	18.8	220
2	Nitrogen-Doped Porous Molybdenum Carbide and Phosphide Hybrids on a Carbon Matrix as Highly Effective Electrocatalysts for the Hydrogen Evolution Reaction. <i>Advanced Energy Materials</i> , 2018, 8, 1701601.	19.5	215
3	High-Performance Bismuth-Doped Nickel Aerogel Electrocatalyst for the Methanol Oxidation Reaction. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13891-13899.	13.8	179
4	Synergetic Metal Defect and Surface Chemical Reconstruction into NiCo <sub>2</sub> S <sub>4</sub> /ZnS Heterojunction to Achieve Outstanding Oxygen Evolution Performance. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 19435-19441.	13.8	167
5	Unraveling of cocatalysts photodeposited selectively on facets of BiVO <sub>4</sub> to boost solar water splitting. <i>Nature Communications</i> , 2022, 13, 484.	12.8	156
6	Constructing FeN <sub>4</sub> /graphitic nitrogen atomic interface for high-efficiency electrochemical CO <sub>2</sub> reduction over a broad potential window. <i>Chem</i> , 2021, 7, 1297-1307.	11.7	133
7	Engineering the Local Atomic Environments of Indium Single-Atom Catalysts for Efficient Electrochemical Production of Hydrogen Peroxide. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	127
8	Atomically Dispersed Pt <sub>3</sub> C Sites Enabling Efficient and Selective Electrocatalytic C-C Bond Cleavage in Lignin Models under Ambient Conditions. <i>Journal of the American Chemical Society</i> , 2021, 143, 9429-9439.	13.7	120
9	Synergistic Modulation of the Separation of Photo-Generated Carriers via Engineering of Dual Atomic Sites for Promoting Photocatalytic Performance. <i>Advanced Materials</i> , 2021, 33, e2105904.	21.0	117
10	Boosting electrochemical oxygen evolution over yolk-shell structured O <sub>2</sub> -MoS <sub>2</sub> nanoreactors with sulfur vacancy and decorated Pt nanoparticles. <i>Nano Energy</i> , 2020, 78, 105284.	16.0	108
11	(C <sub>6</sub> H <sub>5</sub> ) <sub>2</sub> C <sub>2</sub> H <sub>4</sub> NH <sub>3</sub> ) <sub>2</sub> Gel <sub>4</sub> : A Layered Two-Dimensional Perovskite with Potential for Photovoltaic Applications. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 4402-4406.	4.6	98
12	A Robust PtNi Nanoframe/N-Doped Graphene Aerogel Electrocatalyst with Both High Activity and Stability. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 9590-9597.	13.8	88
13	Controllable atomic defect engineering in layered Ni <sub>x</sub> Fe <sub>1-x</sub> (OH) <sub>2</sub> nanosheets for electrochemical overall water splitting. <i>Journal of Materials Chemistry A</i> , 2021, 9, 14432-14443.	10.3	84
14	<i>In situ</i> ion-exchange preparation and topological transformation of trimetal-organic frameworks for efficient electrocatalytic water oxidation. <i>Energy and Environmental Science</i> , 2021, 14, 6546-6553.	30.8	72
15	Ti <sub>1</sub> -graphene single-atom material for improved energy level alignment in perovskite solar cells. <i>Nature Energy</i> , 2021, 6, 1154-1163.	39.5	72
16	Fe atoms anchored on defective nitrogen doped hollow carbon spheres as efficient electrocatalysts for oxygen reduction reaction. <i>Nano Research</i> , 2021, 14, 1069-1077.	10.4	71
17	A Reconstructed Cu <sub>2</sub> P <sub>2</sub> O <sub>7</sub> Catalyst for Selective CO <sub>2</sub> Electroreduction to Multicarbon Products. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202114238.	13.8	71
18	Electronic structure engineering through Fe-doping CoP enables hydrogen evolution coupled with electro-Fenton. <i>Nano Energy</i> , 2021, 84, 105943.	16.0	64

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19	Unraveling the Synergistic Effect of Heteroatomic Substitution and Vacancy Engineering in CoFe <sub>2</sub> O <sub>4</sub> for Superior Electrocatalysis Performance. <i>Nano Letters</i> , 2022, 22, 3503-3511.	9.1	62
20	N-doped graphitic carbon shell-encapsulated FeCo alloy derived from metal-organic polyphenol network and melamine sponge for oxygen reduction, oxygen evolution, and hydrogen evolution reactions in alkaline media. <i>Journal of Colloid and Interface Science</i> , 2021, 581, 362-373.	9.4	61
21	Integration of Morphology and Electronic Structure Modulation on Atomic Iron-Nitrogen-Carbon Catalysts for Highly Efficient Oxygen Reduction. <i>Advanced Functional Materials</i> , 2022, 32, 2108345.	14.9	61
22	Unraveling the synergistic effect of defects and interfacial electronic structure modulation of pealike CoFe@Fe <sub>3</sub> N to achieve superior oxygen reduction performance. <i>Applied Catalysis B: Environmental</i> , 2021, 295, 120314.	20.2	61
23	Step-by-Step Strategy from Achiral Precursors to Polyoxometalates-Based Chiral Organic-Inorganic Hybrids. <i>Inorganic Chemistry</i> , 2015, 54, 2551-2559.	4.0	60
24	Atomically precise nanoclusters with reversible isomeric transformation for rotary nanomotors. <i>Nature Communications</i> , 2020, 11, 6019.	12.8	60
25	Bismuth halide perovskite derivatives for direct X-ray detection. <i>Journal of Materials Chemistry C</i> , 2020, 8, 1239-1243.	5.5	59
26	Platinum single-atoms anchored covalent triazine framework for efficient photoreduction of CO <sub>2</sub> to CH <sub>4</sub> . <i>Chemical Engineering Journal</i> , 2022, 427, 131018.	12.7	59
27	Melt-salt-assisted direct transformation of solid oxide into atomically dispersed FeN <sub>4</sub> sites on nitrogen-doped porous carbon. <i>Nano Energy</i> , 2020, 72, 104670.	16.0	58
28	Reinforced Layered Double Hydroxide Oxygen-Evolution Electrocatalysts: A Polyoxometallic Acid Wet-Etching Approach and Synergistic Mechanism. <i>Advanced Materials</i> , 2022, 34, e2110696.	21.0	57
29	Inhibition of Human Liver Cytochrome P450 by Star Fruit Juice. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2007, 10, 496.	2.1	53
30	Diphosphine-induced chiral propeller arrangement of gold nanoclusters for singlet oxygen photogeneration. <i>Nano Research</i> , 2018, 11, 5787-5798.	10.4	53
31	Degradable Organically-Derivatized Polyoxometalate with Enhanced Activity against Glioblastoma Cell Line. <i>Scientific Reports</i> , 2016, 6, 33529.	3.3	51
32	Entropy Engineered Cubic $\eta$ -Type AgBiSe <sub>2</sub> Alloy with High Thermoelectric Performance in Fully Extended Operating Temperature Range. <i>Advanced Energy Materials</i> , 2021, 11, 2003304.	19.5	51
33	Facile synthesis of magnetic homochiral metal-organic frameworks for $\alpha$ -enantioselective fishing. <i>Chemical Communications</i> , 2015, 51, 3566-3569.	4.1	49
34	Motif-mediated Au <sub>25</sub> (SPh) <sub>5</sub> (PPh <sub>3</sub> ) <sub>10</sub> X <sub>2</sub> nanorods with conjugated electron delocalization. <i>Nano Research</i> , 2019, 12, 501-507.	10.4	46
35	Aliphatic Organoimido Derivatives of Polyoxometalates Containing a Bioactive Ligand. <i>Chemistry - A European Journal</i> , 2014, 20, 16987-16994.	3.3	45
36	Activating peroxydisulfate by morphology-dependent NiO catalysts: Structural origin of different catalytic properties. <i>Applied Catalysis B: Environmental</i> , 2019, 256, 117806.	20.2	44

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37	Unprecedented $\eta^5$ isomers of single-side triol-functionalized Anderson polyoxometalates and their proton-controlled isomer transformation. <i>Chemical Communications</i> , 2015, 51, 9097-9100.	4.1	43
38	Zirconium metal-organic frameworks incorporating tetrathiafulvalene linkers: robust and redox-active matrices for <i>in situ</i> confinement of metal nanoparticles. <i>Chemical Science</i> , 2020, 11, 1918-1925.	7.4	43
39	A Giant Mo/Ta/W Ternary Mixed-Addenda Polyoxometalate with Efficient Photocatalytic Activity for Primary Amine Coupling. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 43287-43293.	8.0	42
40	Tailoring the stability, photocatalysis and photoluminescence properties of Au <sub>11</sub> nanoclusters <i>via</i> doping engineering. <i>Nanoscale Advances</i> , 2019, 1, 2529-2536.	4.6	42
41	Asymmetric alkyl diamine based Dion-Jacobson low-dimensional perovskite solar cells with efficiency exceeding 15%. <i>Journal of Materials Chemistry A</i> , 2020, 8, 9919-9926.	10.3	38
42	Ionic liquid-assisted one-step preparation of ultrafine amorphous metallic hydroxide nanoparticles for the highly efficient oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2020, 8, 15767-15773.	10.3	37
43	Recent Advances in Polyoxometalates for Applications in Electrocatalytic Hydrogen Evolution Reaction. <i>Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica</i> , 2020, 36, 1906063-0.	4.9	37
44	A direct anchoring of Anderson-type polyoxometalates in aqueous media with tripodal ligands especially containing the carboxyl group. <i>Dalton Transactions</i> , 2014, 43, 2722-2725.	3.3	36
45	Skeleton-Sn anchoring isolated Pt site to confine subnanometric clusters within *BEA topology. <i>Journal of Catalysis</i> , 2021, 397, 44-57.	6.2	36
46	Constructing Precise Coordination of Nickel Active Sites on Hierarchical Porous Carbon Framework for Superior Oxygen Reduction. <i>Small</i> , 2021, 17, e2102125.	10.0	35
47	Characterization of a strong covalent Th <sup>3+</sup> -Th <sup>3+</sup> bond inside an Ih(7)-C80 fullerene cage. <i>Nature Communications</i> , 2021, 12, 2372.	12.8	34
48	Spontaneous resolution of polyoxometalate-based inorganic-organic hybrids driven by solvent and common ion. <i>Dalton Transactions</i> , 2014, 43, 17296-17302.	3.3	33
49	The proton-controlled synthesis of unprecedented diol functionalized Anderson-type POMs. <i>Chemical Communications</i> , 2016, 52, 2378-2381.	4.1	33
50	A Waugh type [CoMo <sub>9</sub> O <sub>32</sub> ] <sup>6+</sup> cluster with atomically dispersed Co <sup>IV</sup> originates from Anderson type [CoMo <sub>6</sub> O <sub>24</sub> ] <sup>3+</sup> for photocatalytic oxygen molecule activation. <i>Nanoscale</i> , 2017, 9, 15332-15339.	5.6	33
51	New sesquiterpenoids from the stems of <i>Dendrobium nobile</i> and their neuroprotective activities. <i>FÄ-toterapÄ-Ä</i> , 2019, 138, 104351.	2.2	33
52	Green synthesis of new pyrrolidine-fused spirooxindoles via three-component domino reaction in EtOH/H <sub>2</sub> O. <i>RSC Advances</i> , 2018, 8, 5702-5713.	3.6	32
53	Label-free colorimetric detection of mercury via Hg <sup>2+</sup> ions-accelerated structural transformation of nanoscale metal-oxo clusters. <i>Scientific Reports</i> , 2015, 5, 16316.	3.3	31
54	Elucidating dual-defect mechanism in rhenium disulfide nanosheets with multi-dimensional ion transport channels for ultrafast sodium storage. <i>Nano Energy</i> , 2020, 77, 105189.	16.0	31

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55	Salt melt synthesis of Chlorella-derived nitrogen-doped porous carbon with atomically dispersed CoN <sub>4</sub> sites for efficient oxygen reduction reaction. <i>Journal of Colloid and Interface Science</i> , 2021, 586, 498-504.	9.4	29
56	Doping Ruthenium into Metal Matrix for Promoted pH-Universal Hydrogen Evolution. <i>Advanced Science</i> , 2022, 9, e2200010.	11.2	29
57	Dysprosium(III) complexes with a square-antiprism configuration featuring mononuclear single-molecule magnetic behaviours based on different $\eta^2$ -diketonate ligands and auxiliary ligands. <i>Dalton Transactions</i> , 2016, 45, 5310-5320.	3.3	28
58	Porous $\eta^2$ -FeOOH nanotube stabilizing Au single atom for high-efficiency nitrogen fixation. <i>Nano Research</i> , 2022, 15, 3026-3033.	10.4	28
59	P-block tin single atom catalyst for improved electrochemistry in a lithium-sulfur battery: a theoretical and experimental study. <i>Journal of Materials Chemistry A</i> , 2022, 10, 3667-3677.	10.3	28
60	Taxane's Substituents at C3 Affect Its Regioselective Metabolism: Different in Vitro Metabolism of Cephalomannine and Paclitaxel. <i>Drug Metabolism and Disposition</i> , 2008, 36, 418-426.	3.3	27
61	Metabolic Profiling and Cytochrome P450 Reaction Phenotyping of Medroxyprogesterone Acetate. <i>Drug Metabolism and Disposition</i> , 2008, 36, 2292-2298.	3.3	27
62	Sub-2 nm ultra-thin Bi <sub>2</sub> O <sub>2</sub> CO <sub>3</sub> nanosheets with abundant Bi-O structures toward formic acid electrosynthesis over a wide potential window. <i>Nano Research</i> , 2022, 15, 2919-2927.	10.4	27
63	Engineering the Local Atomic Environments of Indium Single-Atom Catalysts for Efficient Electrochemical Production of Hydrogen Peroxide. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	27
64	Inhibitory effect of medroxyprogesterone acetate on human liver cytochrome P450 enzymes. <i>European Journal of Clinical Pharmacology</i> , 2006, 62, 497-502.	1.9	26
65	Single-Atom Mn Active Site in a Triol-Stabilized $\eta^2$ -Anderson Manganohexamolybdate for Enhanced Catalytic Activity towards Adipic Acid Production. <i>Catalysts</i> , 2018, 8, 121.	3.5	26
66	Engineering the morphology and electronic structure of atomic cobalt-nitrogen-carbon catalyst with highly accessible active sites for enhanced oxygen reduction. <i>Journal of Energy Chemistry</i> , 2022, 73, 469-477.	12.9	26
67	$\eta^2$ -{Cr[Cr(CH <sub>2</sub> ) <sub>3</sub> O] <sub>2</sub> Mo <sub>6</sub> O <sub>18</sub> } <sup>3-</sup> : the first organically-functionalized $\eta^2$ isomer of Anderson-type polyoxometalates. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 1215-1218.	6.0	25
68	Regulation of Substituent Effects on Configurations and Magnetic Performances of Mononuclear Dy(III) Single-Molecule Magnets. <i>Inorganic Chemistry</i> , 2019, 58, 15330-15343.	4.0	25
69	Atomically Dispersed Vanadium Sites Anchored on N-Doped Porous Carbon for the Efficient Oxidative Coupling of Amines to Imines. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 15168-15177.	8.0	25
70	Electronics and coordination engineering of atomic cobalt trapped by oxygen-driven defects for efficient cathode in solar cells. <i>Nano Energy</i> , 2021, 89, 106365.	16.0	25
71	High-Performance Bismuth-Doped Nickel Aerogel Electrocatalyst for the Methanol Oxidation Reaction. <i>Angewandte Chemie</i> , 2020, 132, 13995-14003.	2.0	22
72	Covalent immobilization of molecular complexes on metal-organic frameworks towards robust and highly efficient heterogeneous water oxidation catalysts. <i>Applied Catalysis B: Environmental</i> , 2021, 291, 120070.	20.2	22

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73	Precise Control of Radial Catenane Synthesis via Clipping and Pumping. <i>Journal of the American Chemical Society</i> , 2022, 144, 2085-2089.	13.7	22
74	Methylation, Glucuronidation, and Sulfonation of Daphnetin in Human Hepatic Preparations In Vitro : Metabolic Profiling, Pathway Comparison, and Bioactivity Analysis. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 808-816.	3.3	21
75	Semi-Rigid Molecular-Clip-Based Molecular Crystal Gearshift. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 998-1003.	8.0	21
76	Real-Time Tracking of Emitter Generation in a Zero-Dimensional Perovskite. <i>Chemistry of Materials</i> , 2021, 33, 3721-3728.	6.7	20
77	Spatial confinement of copper single atoms into covalent triazine-based frameworks for highly efficient and selective photocatalytic CO <sub>2</sub> reduction. <i>Nano Research</i> , 2022, 15, 8001-8009.	10.4	20
78	Solvothermal Syntheses and Characterizations of Four Quaternary Copper Sulfides BaCu <sub>3</sub> MS <sub>4</sub> (M = In, Ga) and BaCu <sub>2</sub> MS <sub>4</sub> (M = Sn, Ge). <i>Inorganic Chemistry</i> , 2019, 58, 15101-15109.	4.0	19
79	In Situ Ligand Formation in the Synthetic Processes from Mononuclear Dy(III) Compounds to Binuclear Dy(III) Compounds: Synthesis, Structure, Magnetic Behavior, and Theoretical Analysis. <i>Inorganic Chemistry</i> , 2021, 60, 816-830.	4.0	19
80	Construction of isolated Ni sites on nitrogen-doped hollow carbon spheres with Ni-N <sub>3</sub> configuration for enhanced reduction of nitroarenes. <i>Nano Research</i> , 2022, 15, 6001-6009.	10.4	19
81	Atomic-level modulation of local coordination environment at Fe single-atom sites for enhanced oxygen reduction. <i>Applied Catalysis B: Environmental</i> , 2022, 313, 121429.	20.2	19
82	Boosted Catalytic Hydrogenation Performance Using Isolated Co Sites Anchored on Nitrogen-Incorporated Hollow Porous Carbon. <i>Journal of Physical Chemistry C</i> , 2021, 125, 5088-5098.	3.1	18
83	Fine-tuning of Pd-Rh core-shell catalysts by interstitial hydrogen doping for enhanced methanol oxidation. <i>Nano Research</i> , 2022, 15, 1288-1294.	10.4	18
84	Atomic-Dispersed Coordinated Unsaturated Nickel-Nitrogen Sites in Hollow Carbon Spheres for the Efficient Electrochemical CO <sub>2</sub> Reduction. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 5437-5444.	6.7	17
85	Fabrication of silver chalcogenolate cluster hybrid membranes with enhanced structural stability and luminescence efficiency. <i>Chemical Communications</i> , 2019, 55, 14677-14680.	4.1	16
86	Boosting Room Temperature Sensing Performances by Atomically Dispersed Pd Stabilized via Surface Coordination. <i>ACS Sensors</i> , 2021, 6, 1103-1110.	7.8	16
87	Application of X-Ray Absorption Spectroscopy in Electrocatalytic Water Splitting and CO <sub>2</sub> Reduction. <i>Small Science</i> , 2021, 1, 2100023.	9.9	16
88	Principle of progressively and strongly immobilizing polysulfides on polyoxovanadate clusters for excellent Li-S batteries application. <i>Nano Energy</i> , 2020, 71, 104596.	16.0	15
89	Atomically Defined Undercoordinated Copper Active Sites over Nitrogen-Doped Carbon for Aerobic Oxidation of Alcohols. <i>Small</i> , 2022, 18, e2106614.	10.0	15
90	A high-nuclearity Cu <sup>I</sup> /Cu <sup>II</sup> nanocluster catalyst for phenol degradation. <i>Chemical Communications</i> , 2021, 57, 5586-5589.	4.1	14

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91	Tuned single atom coordination structures mediated by polarization force and sulfur anions for photovoltaics. <i>Nano Research</i> , 2021, 14, 4025-4032.	10.4	14
92	[V <sub>4</sub> Mo <sub>3</sub> O <sub>14</sub> ](NAr) <sub>3</sub> (1/4-NAr) <sub>3</sub> <sup>2+</sup> : the first polyarylimido-stabilized molybdovanadate cluster. <i>Chemical Communications</i> , 2017, 53, 2551-2554.	4.1	13
93	Cu-Induced [H <sub>6</sub> W <sub>12</sub> O <sub>42</sub> ] <sup>6+</sup> polyoxometalate-based bimetallic cluster formation for renewable biomass inulin hydrolysis toward fructose production. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 1917-1922.	6.0	13
94	Solvent responses and substituent effects upon magnetic properties of mononuclear Dy <sup>III</sup> compounds. <i>Dalton Transactions</i> , 2021, 50, 624-637.	3.3	13
95	Atomic Evolution of Metal-Organic Frameworks into Co <sup>3+</sup> Coupling Vacancies by Cooperative Cascade Protection Strategy for Promoting Triiodide Reduction. <i>Journal of Physical Chemistry C</i> , 2021, 125, 6147-6156.	3.1	13
96	Enhancing the activity, selectivity, and recyclability of Rh/PPh <sub>3</sub> system-catalyzed hydroformylation reactions through the development of a PPh <sub>3</sub> -derived quasi-porous organic cage as a ligand. <i>Chinese Journal of Catalysis</i> , 2021, 42, 1216-1226.	14.0	13
97	Strain-Assisted Single Pt Sites on High-Curvature MoS <sub>2</sub> Surface for Ultrasensitive H <sub>2</sub> S Sensing. <i>CCS Chemistry</i> , 2022, 4, 3842-3851.	7.8	13
98	Synthesis of Nickel Nitride-Based 1D/0D Heterostructure via a Morphology-Inherited Nitridation Strategy for Efficient Electrocatalytic Hydrogen Evolution. <i>Small</i> , 2022, 18, .	10.0	13
99	A general and highly regioselective synthesis approach to multi-functionalized organoimido derivatives of Polyoxometalates. <i>Scientific Reports</i> , 2016, 6, 24759.	3.3	12
100	Multiscale Assembly of [AgS <sub>4</sub> ] Tetrahedrons into Hierarchical Ag <sup>S</sup> Networks for Robust Photonic Water. <i>Advanced Materials</i> , 2021, 33, 2006459.	21.0	12
101	A Reconstructed Cu <sub>2</sub> P <sub>2</sub> O <sub>7</sub> Catalyst for Selective CO <sub>2</sub> Electroreduction to Multicarbon Products. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	12
102	Terahertz time-domain absorption spectra of Cu( <i>scp</i> ) complexes bearing tetrakisphosphine ligands: the bridge between the Ca <sup>H</sup> and I <sup>I</sup> interactions and photoluminescence properties. <i>Dalton Transactions</i> , 2020, 49, 14941-14950.	3.3	11
103	Inter-chain double-site synergistic photocatalytic hydrogen evolution in robust cuprous coordination polymers. <i>Chemical Communications</i> , 2020, 56, 6261-6264.	4.1	11
104	Direct transformation of raw biomass into a Fe <sup>N<sub>x</sub></sup> -C single-atom catalyst for efficient oxygen reduction reaction. <i>Materials Chemistry Frontiers</i> , 2021, 5, 3093-3098.	5.9	11
105	Single-atom-catalyst with abundant Co <sup>S<sub>4</sub></sup> sites for use as a counter electrode in photovoltaics. <i>Chemical Communications</i> , 2021, 57, 5302-5305.	4.1	11
106	In Vitro Evaluation of the Effect of 7-Methyl Substitution on Glucuronidation of Daphnetin: Metabolic Stability, Isoform Selectivity, and Bioactivity Analysis. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 3557-3564.	3.3	9
107	Experimental and theoretical interpretation of the magnetic behavior of two Dy( <i>scp</i> ) single-ion magnets constructed through 1 <sup>2</sup> -diketonate ligands with different substituent groups (â€ˆCl/â€ˆOCH <sub>3</sub> ). <i>RSC Advances</i> , 2018, 8, 29513-29525.	3.6	9
108	[MW <sub>12</sub> O <sub>44</sub> ] clusters: unprecedented central heteroatoms atomically dispersed in the eight coordination state bridging the 1â€‰%â€‰12 polyoxometalate family of Keggin and Silverton. <i>Nanoscale</i> , 2019, 11, 22270-22276.	5.6	9

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109	The influence of organic bases and substituted groups on coordination structures affording two mononuclear Dy( <sup>III</sup> ) single-molecule magnets (SMMs) and a novel Dy( <sup>III</sup> )-K( <sup>I</sup> ) compound with unusually coordinated fluorine atoms. <i>CrystEngComm</i> , 2021, 23, 4013-4027.	2.6	9
110	A Robust PtNi Nanoframe/N-Doped Graphene Aerogel Electrocatalyst with Both High Activity and Stability. <i>Angewandte Chemie</i> , 2021, 133, 9676-9683.	2.0	9
111	Development of Sn <sup>2+</sup> -based oxyfluoride photocatalyst with visible light response of ca. 650 nm via strengthened hybridization of Sn 5s and O 2p orbitals. <i>Journal of Energy Chemistry</i> , 2021, 63, 385-390.	12.9	9
112	Iodine-Mediated Cyclization of Enamines to Imidazole-4-Carboxylic Derivatives with Sequential Removal of Nitrogen Atoms from TMSN <sub>3</sub> . <i>Journal of Organic Chemistry</i> , 2021, 86, 10492-10500.	3.2	8
113	Regulating the coordination metal center in immobilized molecular complexes as single-atomic electrocatalysts for highly active, selective and durable electrochemical CO <sub>2</sub> reduction. <i>Journal of Power Sources</i> , 2022, 519, 230788.	7.8	8
114	Synthesis and characterization of size-controlled atomically precise gold clusters. <i>Physical Sciences Reviews</i> , 2018, 3, .	0.8	7
115	Supramolecular topology design of silver( <sup>I</sup> ) and copper( <sup>II</sup> ) coordination polymers through a new semi-rigid sulfonyl ligand with different anion templates. <i>Dalton Transactions</i> , 2019, 48, 6730-6737.	3.3	7
116	Achieving naphthalimide-based aggregation-enhanced emission via the fluorophore-linker-aromatic strategy. <i>Dyes and Pigments</i> , 2020, 174, 108025.	3.7	7
117	Atomically Precise Structure Determination of Porous Organic Cage from Ab Initio PXRD Structure Analysis: Its Molecular Click Postfunctionalization and CO <sub>2</sub> Capture Application. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 17815-17823.	8.0	7
118	Two-dimensional oxide derived from high-temperature liquid metals via bubble templating. <i>Nano Research</i> , 2021, 14, 4795-4801.	10.4	7
119	One-Step Prepared Water-Resistant Organic-Inorganic Hybrid Perovskite Quantum Dots with Zn-Oxygen Vacancies for Attempts at Nitrogen Fixation. <i>Small</i> , 2021, 17, e2103773.	10.0	7
120	trans-Dinitrosyl-Substituted Hexamolybdate and Study of Its Controllable NO Release. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 1664-1671.	2.0	6
121	Two unprecedented aromatic guanidines supramolecular chains self-assembled by hydrogen bonding interaction. <i>Journal of Molecular Structure</i> , 2015, 1097, 145-150.	3.6	6
122	Designing a mononuclear Dy( <sup>III</sup> ) single-molecule magnet (SMM) by using a N,O,N,O-based multichelating Schiff base ligand and a <sup>1,2</sup> -diketonate ligand. <i>New Journal of Chemistry</i> , 2019, 43, 454-462.	2.8	6
123	Tris functionalized Cu-centered cyclohexamolybdate molecular armor as a bimetallic catalyst for rapid p-nitrophenol hydrogenation. <i>New Journal of Chemistry</i> , 2019, 43, 28-36.	2.8	6
124	Rare CH <sub>3</sub> OC <sup>+</sup> /CH <sub>3</sub> CH <sub>2</sub> O <sup>+</sup> -bridged nine-coordinated binuclear Dy( <sup>III</sup> ) single-molecule magnets (SMMs) significantly regulate and enhance the effective energy barriers. <i>CrystEngComm</i> , 2020, 22, 1712-1724.	2.6	6
125	Ru single atoms induce surface-mediated discharge in Na-O <sub>2</sub> batteries. <i>Chinese Chemical Letters</i> , 2022, 33, 491-496.	9.0	6
126	Single-atom control of electrical conductance and thermopower through single-cluster junctions. <i>Nanoscale</i> , 2021, 13, 12594-12601.	5.6	6



#	ARTICLE	IF	CITATIONS
127	Synthesis and characterization of $[\text{NBu}_4][\text{La}(\text{CH}_3\text{OH})_2(\text{DCU})\text{NO}_3\{\text{Mo}_5\text{O}_{13}(\text{OMe})_4(\text{NO})\}]\cdot\text{CH}_3\text{OH}$ : A novel Lanthanide-substituted Lindqvist-type oxo-nitrosyl polymolybdate. <i>Inorganic Chemistry Communication</i> , 2016, 70, 177-180.	3.9	3
128	Preparation of $\text{ZrO}_2$ -Based Catalytic Fibers via the Assistance of Microfluidic Chips. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 21592-21601.	3.7	3
129	Recent advances in controllable alkoxylation chemistry of Anderson-type polyoxometalates from synthetic strategies perspective. <i>Chinese Science Bulletin</i> , 2018, 63, 3263-3276.	0.7	2