

# Juncai Dong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1849605/publications.pdf>

Version: 2024-02-01

131  
papers

25,580  
citations

11608

70  
h-index

13727

129  
g-index

133  
all docs

133  
docs citations

133  
times ranked

16874  
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface Molecular Encapsulation with Cyclodextrin in Promoting the Activity and Stability of Fe Single-Atom Catalyst for Oxygen Reduction Reaction. <i>Energy and Environmental Materials</i> , 2023, 6, .	7.3	11
2	Low-Coordinated Co <sub>2</sub> Ni <sub>2</sub> C on Oxygenated Graphene for Efficient Electrocatalytic H <sub>2</sub> O <sub>2</sub> Production. <i>Advanced Functional Materials</i> , 2022, 32, 2106886.	7.8	97
3	Unusual suppression of tungsten 5d electron depletion in superhard tungsten tetraboride solid solution with chromium under compression. <i>Journal of Physics Condensed Matter</i> , 2022, 34, 035401.	0.7	1
4	Engineering Steam Induced Surface Oxygen Vacancy onto Ni-Fe Bimetallic Nanocomposite for CO <sub>2</sub> Electroreduction. <i>Small</i> , 2022, 18, e2108034.	5.2	20
5	Direct Synthesis of Stable 1T-MoS <sub>2</sub> Doped with Ni Single Atoms for Water Splitting in Alkaline Media. <i>Small</i> , 2022, 18, e2107238.	5.2	58
6	Surface Ligand Tuning of Coordination Geometry and Pb 6s <sup>2</sup> Electronic Pair Stereochemical Activity in MAPbBr <sub>3</sub> Perovskite Nanoparticles: A Joint Experimental and Theoretical Insight. <i>Journal of Physical Chemistry C</i> , 2022, 126, 7500-7509.	1.5	4
7	Transient Solid-State Laser Activation of Indium for High-Performance Reduction of CO <sub>2</sub> to Formate. <i>Small</i> , 2022, 18, e2201311.	5.2	22
8	Atomic-Level Modulation of Electronic Density at Cobalt Single-Atom Sites Derived from Metal-Organic Frameworks: Enhanced Oxygen Reduction Performance. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3212-3221.	7.2	445
9	Atomic-Level Modulation of Electronic Density at Cobalt Single-Atom Sites Derived from Metal-Organic Frameworks: Enhanced Oxygen Reduction Performance. <i>Angewandte Chemie</i> , 2021, 133, 3249-3258.	1.6	44
10	A rational design of an efficient counter electrode with the Co/Co <sub>1</sub> P <sub>1</sub> N <sub>3</sub> atomic interface for promoting catalytic performance. <i>Materials Chemistry Frontiers</i> , 2021, 5, 3085-3092.	3.2	8
11	Superior-Performance Aqueous Zinc-Ion Batteries Based on the <i>In Situ</i> Growth of MnO <sub>2</sub> Nanosheets on V <sub>2</sub> CT <sub>X</sub> MXene. <i>ACS Nano</i> , 2021, 15, 2971-2983.	7.3	205
12	Cobalt single atom site catalysts with ultrahigh metal loading for enhanced aerobic oxidation of ethylbenzene. <i>Nano Research</i> , 2021, 14, 2418-2423.	5.8	248
13	Carbon-supported layered double hydroxide nanodots for efficient oxygen evolution: Active site identification and activity enhancement. <i>Nano Research</i> , 2021, 14, 3329-3336.	5.8	14
14	Systemic contact dermatitis caused by acupuncture: A neglected route of allergen entry. <i>Contact Dermatitis</i> , 2021, 85, 102-105.	0.8	3
15	High-Loading Single-Atomic-Site Silver Catalysts with an Ag <sub>1</sub> -C <sub>2</sub> N <sub>1</sub> Structure Showing Superior Performance for Epoxidation of Styrene. <i>ACS Catalysis</i> , 2021, 11, 4946-4954.	5.5	62
16	Molecular Scalpel to Chemically Cleave Metal-Organic Frameworks for Induced Phase Transition. <i>Journal of the American Chemical Society</i> , 2021, 143, 6681-6690.	6.6	103
17	Optimized MoP with Pseudo-Single-Atom Tungsten for Efficient Hydrogen Electrocatalysis. <i>Chemistry of Materials</i> , 2021, 33, 3639-3649.	3.2	20
18	Matching the kinetics of natural enzymes with a single-atom iron nanozyme. <i>Nature Catalysis</i> , 2021, 4, 407-417.	16.1	517

#	ARTICLE	IF	CITATIONS
19	A heterogeneous iridium single-atom-site catalyst for highly regioselective carbenoid O-H bond insertion. <i>Nature Catalysis</i> , 2021, 4, 523-531.	16.1	103
20	Engineering the Coordination Sphere of Isolated Active Sites to Explore the Intrinsic Activity in Single-Atom Catalysts. <i>Nano-Micro Letters</i> , 2021, 13, 136.	14.4	138
21	Design of Aligned Porous Carbon Films with Single-Atom Co-C Sites for High-Current-Density Hydrogen Generation. <i>Advanced Materials</i> , 2021, 33, e2103533.	11.1	76
22	Studies on Location of Acupoints with X-ray Fluorescence Analysis Based on Synchrotron Radiation. <i>Journal of Medical Imaging and Health Informatics</i> , 2021, 11, 2178-2183.	0.2	0
23	Atomically dispersed S-Fe-N <sub>4</sub> for fast kinetics sodium-sulfur batteries via a dual function mechanism. <i>Cell Reports Physical Science</i> , 2021, 2, 100531.	2.8	31
24	Observation of pressure induced charge density wave order and eightfold structure in bulk VSe <sub>2</sub> . <i>Scientific Reports</i> , 2021, 11, 18157.	1.6	3
25	Constructing a Graphene-Encapsulated Amorphous/Crystalline Heterophase NiFe Alloy by Microwave Thermal Shock for Boosting the Oxygen Evolution Reaction. <i>ACS Catalysis</i> , 2021, 11, 12284-12292.	5.5	93
26	Simultaneous oxidative and reductive reactions in one system by atomic design. <i>Nature Catalysis</i> , 2021, 4, 134-143.	16.1	132
27	N-Bridged Co-Ni: new bimetallic sites for promoting electrochemical CO <sub>2</sub> reduction. <i>Energy and Environmental Science</i> , 2021, 14, 3019-3028.	15.6	128
28	Edge-hosted Fe-N <sub>3</sub> sites on a multiscale porous carbon framework combining high intrinsic activity with efficient mass transport for oxygen reduction. <i>Chem Catalysis</i> , 2021, 1, 1291-1307.	2.9	86
29	Iodine-Doping-Induced Electronic Structure Tuning of Atomic Cobalt for Enhanced Hydrogen Evolution Electrocatalysis. <i>ACS Nano</i> , 2021, 15, 18125-18134.	7.3	40
30	Single-Atom Ru on Al <sub>2</sub> O <sub>3</sub> for Highly Active and Selective 1,2-Dichloroethane Catalytic Degradation. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 53683-53690.	4.0	16
31	Thermal Atomization of Platinum Nanoparticles into Single Atoms: An Effective Strategy for Engineering High-Performance Nanozymes. <i>Journal of the American Chemical Society</i> , 2021, 143, 18643-18651.	6.6	174
32	Manipulation on active electronic states of metastable phase $\beta$ -NiMoO <sub>4</sub> for large current density hydrogen evolution. <i>Nature Communications</i> , 2021, 12, 5960.	5.8	86
33	Extraordinary local structure deformation of superhard tungsten tetraboride under compression. <i>Journal of Alloys and Compounds</i> , 2020, 817, 152989.	2.8	5
34	Subnanometer iron clusters confined in a porous carbon matrix for highly efficient zinc-air batteries. <i>Nanoscale Horizons</i> , 2020, 5, 359-365.	4.1	27
35	Dynamic evolution of isolated Ru-FeP atomic interface sites for promoting the electrochemical hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2020, 8, 22607-22612.	5.2	36
36	Discovery of main group single Sb-N <sub>4</sub> active sites for CO <sub>2</sub> electroreduction to formate with high efficiency. <i>Energy and Environmental Science</i> , 2020, 13, 2856-2863.	15.6	245

#	ARTICLE	IF	CITATIONS
37	Gram-Scale Synthesis of High-Loading Single-Atom Site Fe Catalysts for Effective Epoxidation of Styrene. <i>Advanced Materials</i> , 2020, 32, e2000896.	11.1	181
38	Prediction of topological nontrivial semimetals and pressure-induced Lifshitz transition in $1T\text{-MoS}_2$ layered bulk polytypes. <i>Nanoscale</i> , 2020, 12, 22710-22717.	2.8	8
39	Controlled oxygen vacancy engineering on $\text{In}_2\text{O}_3/\text{CeO}_2$ nanotubes for highly selective and efficient electrocatalytic nitrogen reduction. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 3609-3619.	3.0	10
40	Structural transformation of highly active metal-organic framework electrocatalysts during the oxygen evolution reaction. <i>Nature Energy</i> , 2020, 5, 881-890.	19.8	647
41	Design of a Single-Atom Indium <sup>+</sup> N <sub>4</sub> Interface for Efficient Electroreduction of CO <sub>2</sub> to Formate. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 22465-22469.	7.2	232
42	Design of a Single-Atom Indium <sup>+</sup> N <sub>4</sub> Interface for Efficient Electroreduction of CO <sub>2</sub> to Formate. <i>Angewandte Chemie</i> , 2020, 132, 22651-22655.	1.6	29
43	Recent Progress of Carbon-Supported Single-Atom Catalysts for Energy Conversion and Storage. <i>Matter</i> , 2020, 3, 1442-1476.	5.0	196
44	Engineering a metal-organic framework derived Mn <sub>4</sub> C <sub>x</sub> S <sub>y</sub> atomic interface for highly efficient oxygen reduction reaction. <i>Chemical Science</i> , 2020, 11, 5994-5999.	3.7	113
45	Iridium single-atom catalyst on nitrogen-doped carbon for formic acid oxidation synthesized using a general host-guest strategy. <i>Nature Chemistry</i> , 2020, 12, 764-772.	6.6	452
46	Engineering unsymmetrically coordinated Cu-S <sub>1</sub> N <sub>3</sub> single atom sites with enhanced oxygen reduction activity. <i>Nature Communications</i> , 2020, 11, 3049.	5.8	537
47	O-coordinated W-Mo dual-atom catalyst for pH-universal electrocatalytic hydrogen evolution. <i>Science Advances</i> , 2020, 6, eaba6586.	4.7	263
48	Engineering Isolated Mn <sub>2</sub> C <sub>2</sub> Atomic Interface Sites for Efficient Bifunctional Oxygen Reduction and Evolution Reaction. <i>Nano Letters</i> , 2020, 20, 5443-5450.	4.5	249
49	Rare-Earth Single Erbium Atoms for Enhanced Photocatalytic CO <sub>2</sub> Reduction. <i>Angewandte Chemie</i> , 2020, 132, 10738-10744.	1.6	49
50	Rare-Earth Single Erbium Atoms for Enhanced Photocatalytic CO <sub>2</sub> Reduction. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10651-10657.	7.2	314
51	Single-atom Rh/N-doped carbon electrocatalyst for formic acid oxidation. <i>Nature Nanotechnology</i> , 2020, 15, 390-397.	15.6	420
52	Etching-Doping Sedimentation Equilibrium Strategy: Accelerating Kinetics on Hollow Rh-Doped CoFe <sub>2</sub> O <sub>4</sub> Layered Double Hydroxides for Water Splitting. <i>Advanced Functional Materials</i> , 2020, 30, 2003556.	7.8	117
53	Anomalous lattice stiffening in tungsten tetraboride solid solutions with manganese under compression. <i>Journal of Physics Condensed Matter</i> , 2020, 32, 165702.	0.7	2
54	Localized Ostwald Ripening Guided Dissolution/Regrowth to Ancient Chinese Coin-shaped VO <sub>2</sub> Nanoplates with Enhanced Mass Transfer for Zinc Ion Storage. <i>Advanced Functional Materials</i> , 2020, 30, 2000472.	7.8	76

#	ARTICLE	IF	CITATIONS
55	In Situ Phosphatizing of Triphenylphosphine Encapsulated within Metal-Organic Frameworks to Design Atomic Co <sub>1</sub> P <sub>1</sub> N <sub>3</sub> Interfacial Structure for Promoting Catalytic Performance. <i>Journal of the American Chemical Society</i> , 2020, 142, 8431-8439.	6.6	259
56	Ultrasmall MoO <sub>x</sub> Clusters as a Novel Cocatalyst for Photocatalytic Hydrogen Evolution. <i>Advanced Materials</i> , 2019, 31, e1804883.	11.1	222
57	Acid-stimulated bioassembly of high-performance quantum dots in <i>Escherichia coli</i> . <i>Journal of Materials Chemistry A</i> , 2019, 7, 18480-18487.	5.2	16
58	P-Doped NiMoO <sub>4</sub> parallel arrays anchored on cobalt carbonate hydroxide with oxygen vacancies and mass transfer channels for supercapacitors and oxygen evolution. <i>Journal of Materials Chemistry A</i> , 2019, 7, 19589-19596.	5.2	79
59	Selective Production of Diethyl Maleate via Oxidative Cleavage of Lignin Aromatic Unit. <i>CheM</i> , 2019, 5, 2365-2377.	5.8	62
60	Effect of Nd/Mn substitution on the structure and magnetic properties of nano-BiFeO <sub>3</sub> . <i>Journal of Alloys and Compounds</i> , 2019, 786, 385-393.	2.8	17
61	Coordination mode engineering in stacked-nanosheet metal-organic frameworks to enhance catalytic reactivity and structural robustness. <i>Nature Communications</i> , 2019, 10, 2779.	5.8	89
62	Two-Step Carbothermal Welding To Access Atomically Dispersed Pd <sub>1</sub> on Three-Dimensional Zirconia Nanonet for Direct Indole Synthesis. <i>Journal of the American Chemical Society</i> , 2019, 141, 10590-10594.	6.6	108
63	Structural changes in hexagonal WO <sub>3</sub> under high pressure. <i>Journal of Alloys and Compounds</i> , 2019, 797, 1013-1017.	2.8	8
64	Engineering the electronic structure of single atom Ru sites via compressive strain boosts acidic water oxidation electrocatalysis. <i>Nature Catalysis</i> , 2019, 2, 304-313.	16.1	757
65	Pressure-induced phase transitions and structural evolution across the insulator-metal transition in bulk and nanoscale BiFeO <sub>3</sub> . <i>Journal of Physics Condensed Matter</i> , 2019, 31, 265404.	0.7	4
66	2D MOF induced accessible and exclusive Co single sites for an efficient <i>in situ</i> -silylation of alcohols with silanes. <i>Chemical Communications</i> , 2019, 55, 6563-6566.	2.2	34
67	Applications of Field-reversal and Angle-dependent XMCD Techniques to Mn-based Diluted Magnetic Materials. <i>Medziagotyra</i> , 2019, 25, .	0.1	0
68	Atomically Dispersed Ruthenium Species Inside Metal-Organic Frameworks: Combining the High Activity of Atomic Sites and the Molecular Sieving Effect of MOFs. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4271-4275.	7.2	162
69	Atomically Dispersed Ruthenium Species Inside Metal-Organic Frameworks: Combining the High Activity of Atomic Sites and the Molecular Sieving Effect of MOFs. <i>Angewandte Chemie</i> , 2019, 131, 4315-4319.	1.6	25
70	Nonrandomly Distributed Tungsten Vacancies and Interstitial Boron Trimers in Tungsten Tetraboride. <i>Journal of Physical Chemistry C</i> , 2019, 123, 29314-29323.	1.5	12
71	Single atom electrocatalysts supported on graphene or graphene-like carbons. <i>Chemical Society Reviews</i> , 2019, 48, 5207-5241.	18.7	441
72	Intramolecular electronic coupling in porous iron cobalt (oxy)phosphide nanoboxes enhances the electrocatalytic activity for oxygen evolution. <i>Energy and Environmental Science</i> , 2019, 12, 3348-3355.	15.6	234

#	ARTICLE	IF	CITATIONS
73	Molecular nitrogen promotes catalytic hydrodeoxygenation. <i>Nature Catalysis</i> , 2019, 2, 1078-1087.	16.1	63
74	Atomic interface effect of a single atom copper catalyst for enhanced oxygen reduction reactions. <i>Energy and Environmental Science</i> , 2019, 12, 3508-3514.	15.6	278
75	Local insight into the La-induced structural phase transition in multiferroic BiFeO <sub>3</sub> ceramics by x-ray absorption fine structure spectroscopy. <i>Journal of Physics Condensed Matter</i> , 2019, 31, 085402.	0.7	7
76	Revealing the Active Species for Aerobic Alcohol Oxidation by Using Uniform Supported Palladium Catalysts. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4642-4646.	7.2	93
77	Manganese deception on graphene and implications in catalysis. <i>Carbon</i> , 2018, 132, 623-631.	5.4	54
78	Revealing the Active Species for Aerobic Alcohol Oxidation by Using Uniform Supported Palladium Catalysts. <i>Angewandte Chemie</i> , 2018, 130, 4732-4736.	1.6	29
79	Dynamic traction of lattice-confined platinum atoms into mesoporous carbon matrix for hydrogen evolution reaction. <i>Science Advances</i> , 2018, 4, eaao6657.	4.7	460
80	Defect Effects on TiO <sub>2</sub> Nanosheets: Stabilizing Single Atomic Site Au and Promoting Catalytic Properties. <i>Advanced Materials</i> , 2018, 30, 1705369.	11.1	751
81	Interface engineered <i>in situ</i> anchoring of Co <sub>9</sub> S <sub>8</sub> nanoparticles into a multiple doped carbon matrix: highly efficient zinc-air batteries. <i>Nanoscale</i> , 2018, 10, 2649-2657.	2.8	66
82	Surface step decoration of isolated atom as electron pumping: Atomic-level insights into visible-light hydrogen evolution. <i>Nano Energy</i> , 2018, 45, 109-117.	8.2	118
83	General synthesis and definitive structural identification of MN <sub>4</sub> C <sub>4</sub> single-atom catalysts with tunable electrocatalytic activities. <i>Nature Catalysis</i> , 2018, 1, 63-72.	16.1	1,476
84	Single-Atom Au <sup>I</sup> Catalyst for Silane Oxidation with Water. <i>Advanced Materials</i> , 2018, 30, 1704720.	11.1	112
85	Enhanced oxygen reduction with single-atomic-site iron catalysts for a zinc-air battery and hydrogen-air fuel cell. <i>Nature Communications</i> , 2018, 9, 5422.	5.8	696
86	Single-atomic cobalt sites embedded in hierarchically ordered porous nitrogen-doped carbon as a superior bifunctional electrocatalyst. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 12692-12697.	3.3	325
87	A cocoon silk chemistry strategy to ultrathin N-doped carbon nanosheet with metal single-site catalysts. <i>Nature Communications</i> , 2018, 9, 3861.	5.8	210
88	One-Pot Pyrolysis to N-Doped Graphene with High-Density Pt Single Atomic Sites as Heterogeneous Catalyst for Alkene Hydrosilylation. <i>ACS Catalysis</i> , 2018, 8, 10004-10011.	5.5	121
89	In-situ Thermal Atomization To Convert Supported Nickel Nanoparticles into Surface-Bound Nickel Single-Atom Catalysts. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14095-14100.	7.2	310
90	In-situ Thermal Atomization To Convert Supported Nickel Nanoparticles into Surface-Bound Nickel Single-Atom Catalysts. <i>Angewandte Chemie</i> , 2018, 130, 14291-14296.	1.6	41

#	ARTICLE	IF	CITATIONS
91	Scale-Up Biomass Pathway to Cobalt Single-Site Catalysts Anchored on N-Doped Porous Carbon Nanobelt with Ultrahigh Surface Area. <i>Advanced Functional Materials</i> , 2018, 28, 1802167.	7.8	112
92	Microwave-Assisted Rapid Synthesis of Graphene-Supported Single Atomic Metals. <i>Advanced Materials</i> , 2018, 30, e1802146.	11.1	244
93	Local structural changes during the disordered substitutional alloy transition in Bi <sub>2</sub> Te <sub>3</sub> by high-pressure XAFS. <i>Journal of Applied Physics</i> , 2018, 124, 065901.	1.1	7
94	Discovering Partially Charged Single-Atom Pt for Enhanced Anti-Markovnikov Alkene Hydrosilylation. <i>Journal of the American Chemical Society</i> , 2018, 140, 7407-7410.	6.6	218
95	Carbon nitride supported Fe <sub>2</sub> cluster catalysts with superior performance for alkene epoxidation. <i>Nature Communications</i> , 2018, 9, 2353.	5.8	278
96	Efficient and Robust Hydrogen Evolution: Phosphorus Nitride Imide Nanotubes as Supports for Anchoring Single Ruthenium Sites. <i>Angewandte Chemie</i> , 2018, 130, 9639-9644.	1.6	31
97	Single Tungsten Atoms Supported on MOF-Derived N-Doped Carbon for Robust Electrochemical Hydrogen Evolution. <i>Advanced Materials</i> , 2018, 30, e1800396.	11.1	427
98	Efficient and Robust Hydrogen Evolution: Phosphorus Nitride Imide Nanotubes as Supports for Anchoring Single Ruthenium Sites. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9495-9500.	7.2	205
99	Comparative investigation of the vibrational properties of bulk 2H-MoS <sub>2</sub> and its exfoliated nanosheets under high pressure. <i>Journal of Raman Spectroscopy</i> , 2017, 48, 596-600.	1.2	10
100	Ni <sup>II</sup> Coordination to an Al-Based Metal-Organic Framework Made from 2-Aminoterephthalate for Photocatalytic Overall Water Splitting. <i>Angewandte Chemie</i> , 2017, 129, 3082-3086.	1.6	37
101	Ni <sup>II</sup> Coordination to an Al-Based Metal-Organic Framework Made from 2-Aminoterephthalate for Photocatalytic Overall Water Splitting. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3036-3040.	7.2	175
102	Isolated Single Iron Atoms Anchored on N-Doped Porous Carbon as an Efficient Electrocatalyst for the Oxygen Reduction Reaction. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6937-6941.	7.2	1,542
103	Isolated Single Iron Atoms Anchored on N-Doped Porous Carbon as an Efficient Electrocatalyst for the Oxygen Reduction Reaction. <i>Angewandte Chemie</i> , 2017, 129, 7041-7045.	1.6	306
104	Isolated Single-Atom Pd Sites in Intermetallic Nanostructures: High Catalytic Selectivity for Semihydrogenation of Alkynes. <i>Journal of the American Chemical Society</i> , 2017, 139, 7294-7301.	6.6	354
105	Innenbild: Isolated Single Iron Atoms Anchored on N-Doped Porous Carbon as an Efficient Electrocatalyst for the Oxygen Reduction Reaction ( <i>Angew. Chem.</i> 24/2017). <i>Angewandte Chemie</i> , 2017, 129, 7107-7107.	1.6	6
106	Anomalous radial and angular strain relaxation around dilute p-, isoelectronic-, and n-type dopants in Si crystal. <i>Physica B: Condensed Matter</i> , 2017, 506, 198-204.	1.3	0
107	Bi-centric view of the isostructural phase transitions in Bi <sub>2</sub> Se <sub>3</sub> and Bi <sub>2</sub> Te <sub>3</sub> . <i>Physica Status Solidi (B): Basic Research</i> , 2017, 254, 1700007.	0.7	11
108	Rational Design of Single Molybdenum Atoms Anchored on N-Doped Carbon for Effective Hydrogen Evolution Reaction. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16086-16090.	7.2	431

#	ARTICLE	IF	CITATIONS
109	Rational Design of Single Molybdenum Atoms Anchored on N-Doped Carbon for Effective Hydrogen Evolution Reaction. <i>Angewandte Chemie</i> , 2017, 129, 16302-16306.	1.6	82
110	Directed Biofabrication of Nanoparticles through Regulating Extracellular Electron Transfer. <i>Journal of the American Chemical Society</i> , 2017, 139, 12149-12152.	6.6	64
111	Design of ultrathin Pt-Mo-Ni nanowire catalysts for ethanol electrooxidation. <i>Science Advances</i> , 2017, 3, e1603068.	4.7	224
112	Hydrodeoxygenation of water-insoluble bio-oil to alkanes using a highly dispersed Pd-Mo catalyst. <i>Nature Communications</i> , 2017, 8, 591.	5.8	110
113	Revisiting local structural changes in GeO <sub>2</sub> glass at high pressure. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 465401.	0.7	8
114	Metal (Hydr)oxides@Polymer Core-Shell Strategy to Metal Single-Atom Materials. <i>Journal of the American Chemical Society</i> , 2017, 139, 10976-10979.	6.6	257
115	Bi-centric view of the isostructural phase transitions in Bi <sub>2</sub> Se <sub>3</sub> and Bi <sub>2</sub> Te <sub>3</sub> (Phys. Status Solidi B 7/2017). <i>Physica Status Solidi (B): Basic Research</i> , 2017, 254, 1770238.	0.7	0
116	Confined Pyrolysis within Metal-Organic Frameworks To Form Uniform Ru <sub>3</sub> Clusters for Efficient Oxidation of Alcohols. <i>Journal of the American Chemical Society</i> , 2017, 139, 9795-9798.	6.6	258
117	Single-Atomic Ruthenium Catalytic Sites on Nitrogen-Doped Graphene for Oxygen Reduction Reaction in Acidic Medium. <i>ACS Nano</i> , 2017, 11, 6930-6941.	7.3	435
118	Uncoordinated Amine Groups of Metal-Organic Frameworks to Anchor Single Ru Sites as Chemoselective Catalysts toward the Hydrogenation of Quinoline. <i>Journal of the American Chemical Society</i> , 2017, 139, 9419-9422.	6.6	558
119	Toward a Unified Identification of Ti Location in the MFI Framework of High-Ti-Loaded TS-1: Combined EXAFS, XANES, and DFT Study. <i>Journal of Physical Chemistry C</i> , 2016, 120, 20114-20124.	1.5	45
120	Efficient Visible-Light-Driven Carbon Dioxide Reduction by a Single-Atom Implanted Metal-Organic Framework. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14310-14314.	7.2	612
121	Ultrathin metal-organic framework nanosheets for electrocatalytic oxygen evolution. <i>Nature Energy</i> , 2016, 1, .	19.8	1,979
122	High-pressure, high-temperature synthesis and properties of the monoclinic phase of Y <sub>2</sub> O <sub>3</sub> . <i>Chemical Research in Chinese Universities</i> , 2016, 32, 545-548.	1.3	5
123	Efficient Visible-Light-Driven Carbon Dioxide Reduction by a Single-Atom Implanted Metal-Organic Framework. <i>Angewandte Chemie</i> , 2016, 128, 14522-14526.	1.6	174
124	A bismuth based layer structured organic-inorganic hybrid material with enhanced photocatalytic activity. <i>Journal of Colloid and Interface Science</i> , 2016, 469, 231-236.	5.0	18
125	Universal elastic-hardening-driven mechanical instability in $\beta$ -quartz and quartz homeotypes under pressure. <i>Scientific Reports</i> , 2015, 5, 10810.	1.6	4
126	Identification and quantification of seleno-proteins by 2-DE-SR-XRF in selenium-enriched yeasts. <i>Journal of Analytical Atomic Spectrometry</i> , 2015, 30, 1408-1413.	1.6	15



#	ARTICLE	IF	CITATIONS
127	Atomic cobalt on nitrogen-doped graphene for hydrogen generation. Nature Communications, 2015, 6, 8668.	5.8	1,356
128	Anharmonicity and local lattice distortion in strained Ge-dilute Si <sup>1-δ</sup> Ge alloy. Journal of Alloys and Compounds, 2015, 653, 117-121.	2.8	2
129	Pressure-induced drastic collapse of a high oxygen coordination shell in quartz-like $\text{Si}^{\pm}\text{-GeO}_2$ . New Journal of Physics, 2014, 16, 023022.	1.2	11
130	Suppression of Bragg reflection glitches of a single-crystal diamond anvil cell by a polycapillary half-lens in high-pressure XAFS spectroscopy. Journal of Synchrotron Radiation, 2013, 20, 243-248.	1.0	20
131	Pressure-induced phase transitions of multiferroic $\text{BiFeO}_3$ . Chinese Physics C, 2013, 37, 128001.	1.5	5