

Jian-guo Wang

List of Publications by Year in descending order

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120
papers

7,620
citations

71061

41
h-index

54882

84
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125
all docs

125
docs citations

125
times ranked

10223
citing authors

#	ARTICLE	IF	CITATIONS
1	Balancing surface adsorption and diffusion of lithium-polysulfides on nonconductive oxides for lithium-sulfur battery design. <i>Nature Communications</i> , 2016, 7, 11203.	5.8	1,136
2	Size-Dependent Electrocatalytic Reduction of CO ₂ over Pd Nanoparticles. <i>Journal of the American Chemical Society</i> , 2015, 137, 4288-4291.	6.6	929
3	Hierarchical Porous NC@CuCo Nitride Nanosheet Networks: Highly Efficient Bifunctional Electrocatalyst for Overall Water Splitting and Selective Electrooxidation of Benzyl Alcohol. <i>Advanced Functional Materials</i> , 2017, 27, 1704169.	7.8	267
4	Pd-Containing Nanostructures for Electrochemical CO ₂ Reduction Reaction. <i>ACS Catalysis</i> , 2018, 8, 1510-1519.	5.5	261
5	Efficient Activation of Li ₂ S by Transition Metal Phosphides Nanoparticles for Highly Stable Lithium-Sulfur Batteries. <i>ACS Energy Letters</i> , 2017, 2, 1711-1719.	8.8	252
6	Switchable CO ₂ electroreduction via engineering active phases of Pd nanoparticles. <i>Nano Research</i> , 2017, 10, 2181-2191.	5.8	208
7	Synergistic effect of surface oxygen vacancies and interfacial charge transfer on Fe(III)/Bi ₂ MoO ₆ for efficient photocatalysis. <i>Applied Catalysis B: Environmental</i> , 2019, 247, 150-162.	10.8	185
8	Mo Doping Induced More Active Sites in Urchin-Like W ₁₈ O ₄₉ Nanostructure with Remarkably Enhanced Performance for Hydrogen Evolution Reaction. <i>Advanced Functional Materials</i> , 2016, 26, 5778-5786.	7.8	177
9	Microporous 3D Covalent Organic Frameworks for Liquid Chromatographic Separation of Xylene Isomers and Ethylbenzene. <i>Journal of the American Chemical Society</i> , 2019, 141, 8996-9003.	6.6	171
10	Oxygen vacancies on TiO ₂ promoted the activity and stability of supported Pd nanoparticles for the oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2018, 6, 2264-2272.	5.2	163
11	Enhanced sulfide chemisorption using boron and oxygen dually doped multi-walled carbon nanotubes for advanced lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2017, 5, 632-640.	5.2	151
12	Integrating cobalt phosphide and cobalt nitride-embedded nitrogen-rich nanocarbons: high-performance bifunctional electrocatalysts for oxygen reduction and evolution. <i>Journal of Materials Chemistry A</i> , 2016, 4, 10575-10584.	5.2	141
13	Na ⁺ -gated water-conducting nanochannels for boosting CO ₂ conversion to liquid fuels. <i>Science</i> , 2020, 367, 667-671.	6.0	136
14	Graphene Oxide Catalyzed C-H Bond Activation: The Importance of Oxygen Functional Groups for Biaryl Construction. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3124-3128.	7.2	129
15	Biomass Valorization via Paired Electrosynthesis Over Vanadium Nitride-Based Electrocatalysts. <i>Advanced Functional Materials</i> , 2019, 29, 1904780.	7.8	120
16	A Cu and Fe dual-atom nanozyme mimicking cytochrome c oxidase to boost the oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2020, 8, 16994-17001.	5.2	109
17	Mo ₂ TiC ₂ MXene: A Promising Catalyst for Electrocatalytic Ammonia Synthesis. <i>Catalysis Today</i> , 2020, 339, 120-126.	2.2	102
18	A new strategy for engineering a hierarchical porous carbon-anchored Fe single-atom electrocatalyst and the insights into its bifunctional catalysis for flexible rechargeable Zn-air batteries. <i>Journal of Materials Chemistry A</i> , 2020, 8, 9981-9990.	5.2	97

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19	PtPd alloy embedded in nitrogen-rich graphene nanopores: High-performance bifunctional electrocatalysts for hydrogen evolution and oxygen reduction. <i>Carbon</i> , 2017, 114, 740-748.	5.4	94
20	Highly Efficient Ammonia Synthesis Electrocatalyst: Single Ru Atom on Naturally Nanoporous Carbon Materials. <i>Advanced Theory and Simulations</i> , 2018, 1, 1800018.	1.3	90
21	Ionothermal Synthesis of Zirconium Phosphates and Their Catalytic Behavior in the Selective Oxidation of Cyclohexane. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 2206-2209.	7.2	89
22	Selective phenol hydrogenation to cyclohexanone over alkali-metal-promoted Pd/TiO ₂ in aqueous media. <i>Green Chemistry</i> , 2017, 19, 3585-3594.	4.6	88
23	Single and double boron atoms doped nanoporous C ₂ N ₂ 2D electrocatalysts for highly efficient N ₂ reduction reaction: a density functional theory study. <i>Nanotechnology</i> , 2019, 30, 335403.	1.3	81
24	Oxygen vacancy enhancing mechanism of nitrogen reduction reaction property in Ru/TiO ₂ . <i>Journal of Energy Chemistry</i> , 2019, 39, 144-151.	7.1	79
25	A theoretical study of electrocatalytic ammonia synthesis on single metal atom/MXene. <i>Chinese Journal of Catalysis</i> , 2019, 40, 152-159.	6.9	76
26	Electrochemical promotion of catalysis over Pd nanoparticles for CO ₂ reduction. <i>Chemical Science</i> , 2017, 8, 2569-2573.	3.7	72
27	Defect engineering of nickel hydroxide nanosheets by Ostwald ripening for enhanced selective electrocatalytic alcohol oxidation. <i>Green Chemistry</i> , 2019, 21, 578-588.	4.6	71
28	Electrocatalytic Upgrading of Lignin-Derived Bio-Oil Based on Surface-Engineered PtNiB Nanostructure. <i>Advanced Functional Materials</i> , 2019, 29, 1807651.	7.8	70
29	Recent advances in heterogeneous catalytic hydrogenation and dehydrogenation of N-heterocycles. <i>Chinese Journal of Catalysis</i> , 2019, 40, 980-1002.	6.9	68
30	Functionalization Ti ₃ C ₂ MXene by the adsorption or substitution of single metal atom. <i>Applied Surface Science</i> , 2019, 465, 911-918.	3.1	63
31	Synergistic Effect of Nitrogen in Cobalt Nitride and Nitrogen-Doped Hollow Carbon Spheres for the Oxygen Reduction Reaction. <i>ChemCatChem</i> , 2015, 7, 1826-1832.	1.8	62
32	Point-Defect Mediated Bonding of Pt Clusters on (5,5) Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2009, 113, 890-893.	1.5	58
33	Ru nanoparticles deposited on ultrathin TiO ₂ nanosheets as highly active catalyst for levulinic acid hydrogenation to γ -valerolactone. <i>Applied Catalysis B: Environmental</i> , 2019, 259, 118076.	10.8	58
34	Mechanistic insights into the structure-dependent selectivity of catalytic furfural conversion on platinum catalysts. <i>AIChE Journal</i> , 2015, 61, 3812-3824.	1.8	53
35	Synergistic effect of S,N-co-doped mesoporous carbon materials with high performance for oxygen-reduction reaction and Li-ion batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 20244-20253.	5.2	53
36	High-Throughput Screening of Hydrogen Evolution Reaction Catalysts in MXene Materials. <i>Journal of Physical Chemistry C</i> , 2020, 124, 13695-13705.	1.5	51

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37	Effects of surface functionalization of mxene-based nanocatalysts on hydrogen evolution reaction performance. <i>Catalysis Today</i> , 2021, 368, 187-195.	2.2	51
38	Improved Oxygen Reduction Reaction Performance of Co Confined in Ordered N-Doped Porous Carbon Derived from ZIF-67@PILs. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 11100-11110.	1.8	50
39	Optimizing Alkyne Hydrogenation Performance of Pd on Carbon in Situ Decorated with Oxygen-Deficient TiO ₂ by Integrating the Reaction and Diffusion. <i>ACS Catalysis</i> , 2019, 9, 10656-10667.	5.5	50
40	Machine-learning-accelerated screening of hydrogen evolution catalysts in MBenes materials. <i>Applied Surface Science</i> , 2020, 526, 146522.	3.1	50
41	Achieving 59% faradaic efficiency of the N ₂ electroreduction reaction in an aqueous Zn-N battery by facilely regulating the surface mass transport on metallic copper. <i>Chemical Communications</i> , 2019, 55, 12801-12804.	2.2	45
42	Simultaneous electrochemical ozone production and hydrogen evolution by using tantalum-based nanorods electrocatalysts. <i>Applied Catalysis B: Environmental</i> , 2020, 266, 118632.	10.8	42
43	Hydrogen peroxide electrochemical synthesis on hybrid double-atom (Pd-Cu) doped N vacancy g-C ₃ N ₄ : a novel design strategy for electrocatalyst screening. <i>Journal of Materials Chemistry A</i> , 2020, 8, 2672-2683.	5.2	40
44	First-Principles Thermodynamics Study of Spinel MgAl ₂ O ₄ Surface Stability. <i>Journal of Physical Chemistry C</i> , 2016, 120, 19087-19096.	1.5	38
45	Double Nanoporous Structure with Nanoporous PtFe Embedded in Graphene Nanopores: Highly Efficient Bifunctional Electrocatalysts for Hydrogen Evolution and Oxygen Reduction. <i>Advanced Materials Interfaces</i> , 2017, 4, 1601029.	1.9	36
46	Tuning the confinement space of N-carbon shell-coated ruthenium nanoparticles: highly efficient electrocatalysts for hydrogen evolution reaction. <i>Catalysis Science and Technology</i> , 2017, 7, 4964-4970.	2.1	36
47	Atomic Pt Embedded in BNC Nanotubes for Enhanced Electrochemical Ozone Production via an Oxygen Intermediate-Rich Local Environment. <i>ACS Catalysis</i> , 2021, 11, 5438-5451.	5.5	36
48	Pyridyne cycloaddition of graphene: active sites for oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2014, 2, 897-901.	5.2	33
49	Trace water triggers high-efficiency photocatalytic hydrogen peroxide production. <i>Journal of Energy Chemistry</i> , 2022, 64, 47-54.	7.1	33
50	Symbolic Transformer Accelerating Machine Learning Screening of Hydrogen and Deuterium Evolution Reaction Catalysts in MA ₂ Z ₄ Materials. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 50878-50891.	4.0	33
51	Interface hydrophobic tunnel engineering: A general strategy to boost electrochemical conversion of N ₂ to NH ₃ . <i>Nano Energy</i> , 2022, 92, 106784.	8.2	33
52	Aqueous-Phase Acetic Acid Ketonization over Monoclinic Zirconia. <i>ACS Catalysis</i> , 2018, 8, 488-502.	5.5	32
53	Synergistic effect of size-dependent PtZn nanoparticles and zinc single-atom sites for electrochemical ozone production in neutral media. <i>Journal of Energy Chemistry</i> , 2020, 51, 312-322.	7.1	32
54	Quantitative Insights into the Reaction Mechanism for the Direct Synthesis of H ₂ O ₂ over Transition Metals: Coverage-Dependent Microkinetic Modeling. <i>ACS Catalysis</i> , 2021, 11, 1202-1221.	5.5	32

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55	Enhanced Selectivity of Phenol Hydrogenation in Low-Pressure CO ₂ over Supported Pd Catalysts. ACS Sustainable Chemistry and Engineering, 2017, 5, 11628-11636.	3.2	30
56	Role of Phenolic Groups in the Stabilization of Palladium Nanoparticles. Industrial & Engineering Chemistry Research, 2013, 52, 9783-9789.	1.8	28
57	Distinctions between Supported Au and Pt Catalysts for CO Oxidation: Insights from DFT Study. Journal of Physical Chemistry C, 2013, 117, 21331-21336.	1.5	28
58	Role of pretreatment with acid and base on the distribution of the products obtained via lignocellulosic biomass pyrolysis. RSC Advances, 2015, 5, 24984-24989.	1.7	28
59	Efficient photocatalytic reduction of CO ₂ using Fe-based covalent triazine frameworks decorated with in situ grown ZnFe ₂ O ₄ nanoparticles. Chemical Engineering Journal, 2021, 408, 127358.	6.6	28
60	Oxygen-deficient TiO ₂ and carbon coupling synergistically boost the activity of Ru nanoparticles for the alkaline hydrogen evolution reaction. Journal of Materials Chemistry A, 2021, 9, 10160-10168.	5.2	28
61	Preparation and catalytic properties of Pd nanoparticles supported on micro-crystal DUT-67 MOFs. RSC Advances, 2015, 5, 32714-32719.	1.7	27
62	Atomically dispersed Pd catalysts in graphyne nanopore: formation and reactivity. Nanotechnology, 2017, 28, 295403.	1.3	26
63	Synergistic effect of doped nitrogen and oxygen-containing functional groups on electrochemical synthesis of hydrogen peroxide. Journal of Materials Chemistry A, 2022, 10, 4749-4757.	5.2	26
64	Lattice oxygen of PbO ₂ induces crystal facet dependent electrochemical ozone production. Journal of Materials Chemistry A, 2021, 9, 9010-9017.	5.2	25
65	Oxygen Groups Enhancing the Mechanism of Nitrogen Reduction Reaction Properties on Ru- or Fe-Supported Nb ₂ C MXene. Journal of Physical Chemistry C, 2021, 125, 14636-14645.	1.5	24
66	Palladium Dimer Supported on Mo ₂ CO ₂ (MXene) for Direct Methane to Methanol Conversion. Advanced Theory and Simulations, 2019, 2, 1800158.	1.3	22
67	Building highly active hybrid double-atom sites in C ₂ N for enhanced electrocatalytic hydrogen peroxide synthesis. Green Energy and Environment, 2021, 6, 846-857.	4.7	22
68	In Situ Fabrication of PtCo Alloy Embedded in Nitrogen-Doped Graphene Nanopores as Synergistic Catalyst for Oxygen Reduction Reaction. Advanced Materials Interfaces, 2015, 2, 1500365.	1.9	21
69	Synergetic effect of pyrrolic-N and doped boron in mesoporous carbon for electrocatalytic ozone production. Journal of Materials Chemistry A, 2020, 8, 2336-2342.	5.2	21
70	Graphene Oxide Catalyzed C-H Bond Activation: The Importance of Oxygen Functional Groups for Biaryl Construction. Angewandte Chemie, 2016, 128, 3176-3180.	1.6	20
71	CO Oxidation by Lattice Oxygen on V ₂ O ₅ Nanotubes. Journal of Physical Chemistry C, 2011, 115, 14806-14811.	1.5	19
72	A radar-like iron based nanohybrid as an efficient and stable electrocatalyst for oxygen reduction. Journal of Materials Chemistry A, 2014, 2, 6703-6707.	5.2	18

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73	The Effect of Nâ€Containing Supports on Catalytic CO Oxidation Activity over Highly Dispersed Pt/UiOâ€67. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 172-178.	1.0	18
74	Hydrogen peroxide synthesis on porous graphitic carbon nitride using water as a hydrogen source. <i>Journal of Materials Chemistry A</i> , 2020, 8, 124-137.	5.2	18
75	Position of substituent dependent dimensionality in Lnâ€Cu heterometallic coordination polymers. <i>CrystEngComm</i> , 2012, 14, 679-683.	1.3	16
76	Synthesis, properties, and magnetismâ€structure relationship of lanthanide-based metalâ€organic frameworks with (ethylenedithio)acetic acid. <i>CrystEngComm</i> , 2014, 16, 6963.	1.3	16
77	Enhanced Catalytic Performances for Guaiacol Aqueous Phase Hydrogenation over Ruthenium Supported on Mesoporous TiO ₂ Hollow Spheres Embedded with SiO ₂ Nanoparticles. <i>ChemistrySelect</i> , 2017, 2, 9599-9606.	0.7	16
78	Twin-like ternary PtCoFe alloy in nitrogen-doped graphene nanopores as a highly effective electrocatalyst for oxygen reduction. <i>Catalysis Science and Technology</i> , 2016, 6, 5942-5948.	2.1	15
79	Dual effect of the coordination field and sulphuric acid on the properties of a single-atom catalyst in the electrosynthesis of H ₂ O ₂ . <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 21338-21349.	1.3	15
80	Geometric and electronic effects on the performance of a bifunctional Ru ₂ P catalyst in the hydrogenation and acceptorless dehydrogenation of N-heteroarenes. <i>Chinese Journal of Catalysis</i> , 2021, 42, 1185-1194.	6.9	14
81	Pd-Co alloy supported on TiO ₂ with oxygen vacancies for efficient N ₂ and O ₂ electrocatalytic reduction. <i>Applied Surface Science</i> , 2021, 567, 150680.	3.1	14
82	Transition of chemically modified diphenylalanine peptide assemblies revealed by atomic force microscopy. <i>RSC Advances</i> , 2014, 4, 7516.	1.7	13
83	Effect of graphene with nanopores on metal clusters. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 24420-24426.	1.3	13
84	Multiscale Simulation on Product Distribution from Pyrolysis of Styrene-Butadiene Rubber. <i>Polymers</i> , 2019, 11, 1967.	2.0	13
85	The effect of earth metal ion on the property of peptide-based metalâ€organic frameworks. <i>CrystEngComm</i> , 2013, 15, 5545.	1.3	12
86	Waste Tire Pyrolysis for the Production of Light Hydrocarbons over Layered Catalysts. <i>Energy Technology</i> , 2015, 3, 851-855.	1.8	12
87	High-performance single-atom Ni catalyst loaded graphyne for H ₂ O ₂ green synthesis in aqueous media. <i>Journal of Colloid and Interface Science</i> , 2021, 599, 58-67.	5.0	12
88	Engineering the geometric and electronic structure of Ru <i>via</i> Ruâ€TiO ₂ interaction for enhanced selective hydrogenation. <i>Catalysis Science and Technology</i> , 2022, 12, 1005-1016.	2.1	12
89	Water oxidation on Nâ€Doped TiO ₂ nanotube arrays. <i>International Journal of Quantum Chemistry</i> , 2012, 112, 2585-2590.	1.0	10
90	Experimental, DFT and quantum Monte Carlo studies of a series of peptide-based metalâ€organic frameworks: synthesis, structures and properties. <i>Inorganic Chemistry Frontiers</i> , 2014, 1, 526-533.	3.0	10

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91	CO oxidation over supported Pt clusters at different CO coverage. International Journal of Quantum Chemistry, 2016, 116, 939-944.	1.0	10
92	Fe(CN) ₅ @PIL-derived N-doped porous carbon with FeC _x N _y active sites as a robust electrocatalyst for the oxygen reduction reaction. Catalysis Science and Technology, 2019, 9, 97-105.	2.1	10
93	Micromechanical simulation of the pore size effect on the structural stability of brittle porous materials with bicontinuous morphology. Physical Chemistry Chemical Physics, 2019, 21, 12895-12904.	1.3	10
94	2D-3D transformation of palladium and gold nanoparticles on functionalized Mo ₂ C by multiscale simulation. Applied Surface Science, 2019, 481, 554-563.	3.1	10
95	A generalized formula for two-dimensional diffusion of CO in graphene nanoslits with different Pt loadings. Green Energy and Environment, 2020, 5, 322-332.	4.7	10
96	A first-principles study of reaction mechanism over carbon decorated oxygen-deficient TiO ₂ supported Pd catalyst in direct synthesis of H ₂ O ₂ . Chinese Journal of Chemical Engineering, 2021, 31, 126-134.	1.7	10
97	Weak Pb-O of confined [Pb ₄] in pyramidal sillenite-type Bi ₁₂ PbO ₂₀ for enhanced electrochemical ozone production. Journal of Materials Chemistry A, 2022, 10, 5430-5441.	5.2	10
98	Enhanced Oxygen Reduction Activity on Carbon Supported Pd Nanoparticles Via SiO ₂ . ChemCatChem, 2019, 11, 1278-1285.	1.8	9
99	Ultrathin 2D flower-like CoP@C with the active (211) facet for efficient electrocatalytic water splitting. CrystEngComm, 2021, 23, 1777-1784.	1.3	9
100	Synergistic Effect of Coordination Fields and Hydrosolvents on the Single-Atom Catalytic Property in H ₂ O ₂ Synthesis: A Density Functional Theory Study. Journal of Physical Chemistry C, 2022, 126, 2349-2364.	1.5	9
101	Computational screening of O-functional MXenes for electrocatalytic ammonia synthesis. Chinese Journal of Catalysis, 2022, 43, 1860-1869.	6.9	9
102	Multiscale Simulation of Morphology Evolution of Supported Pt Nanoparticles via Interfacial Control. Langmuir, 2019, 35, 6393-6402.	1.6	8
103	Additives initiate selective production of chemicals from biomass pyrolysis. Bioresource Technology, 2014, 156, 376-379.	4.8	7
104	Effect of Cross-Linked Structures on Mechanical Properties of Styrene-Butadiene Rubber via Molecular Dynamics Simulation. Macromolecular Theory and Simulations, 2022, 31, 2100054.	0.6	7
105	Multiphysics modeling of proton exchange membrane water electrolysis: From steady to dynamic behavior. AIChE Journal, 2022, 68, .	1.8	7
106	Lattice Oxygen of PbO ₂ (101) Consuming and Refilling via Electrochemical Ozone Production and H ₂ O Dissociation. Journal of Physical Chemistry C, 2022, 126, 8627-8636.	1.5	7
107	Brønsted-Evans-Polanyi Relations for H ₂ O ₂ Synthesis on Gold Surfaces. Catalysis Letters, 2012, 142, 601-607.	1.4	6
108	Density functional theory study of p-chloroaniline adsorption on Pd surfaces and clusters. International Journal of Quantum Chemistry, 2014, 114, 895-899.	1.0	6

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109	Ru Cluster-Decorated Cu Nanoparticles Enhanced Selectivity to Imine from One-Pot Cascade Transformations. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 3474-3482.	1.8	6
110	Meso-scale simulation on mechanism of Na ⁺ -gated water-conducting nanochannels in zeolite NaA. <i>Journal of Membrane Science</i> , 2021, 635, 119462.	4.1	5
111	Sintering Rate and Mechanism of Supported Pt Nanoparticles by Multiscale Simulation. <i>Langmuir</i> , 2021, 37, 12529-12538.	1.6	5
112	Reaction and Transport Co-Intensification Enhanced Continuous Flow Electrocatalytic Aminoxyl-Mediated Oxidation of Sterol Intermediates by 3D Porous Framework Electrode. <i>Chemical Engineering Journal</i> , 2022, , 136659.	6.6	5
113	Oxygen vacancies on Nb ₂ O ₅ enhanced the performance of H ₂ O ₂ electrosynthesis from O ₂ reduction. <i>Chemical Communications</i> , 2022, 58, 8428-8431.	2.2	5
114	Unravelling the functional complexity of oxygen-containing groups on carbon for the reduction of NO with NH ₃ . <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2022, 133, 104261.	2.7	4
115	Graphene Oxide Catalyzed C-H Bond Activation: The Importance of Oxygen Functional Groups for Biaryl Construction (<i>Angew. Chem.</i> 9/2016). <i>Angewandte Chemie</i> , 2016, 128, 3290-3290.	1.6	3
116	Effect of Hydrogen-Induced Metallization on Chemisorption. <i>Journal of Physical Chemistry C</i> , 2019, 123, 15171-15175.	1.5	3
117	Multiscale simulation on thermal stability of supported metal nanocatalysts. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , 2019, 9, e1405.	6.2	3
118	MoO ₃ Nanoparticle Catalysts for D-Glucose Epimerization and Their Electrical Immobilization in a Continuous Flow Reactor. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 44118-44123.	4.0	2
119	High-efficiency visible-light photocatalytic H ₂ O ₂ production using CdSe-based core/shell quantum dots. <i>Catalysis Science and Technology</i> , 2022, 12, 2865-2871.	2.1	2
120	Enhanced oxygen reduction reaction performance over Pd catalysts by oxygen-surface-modified SiC. <i>Chinese Journal of Catalysis</i> , 2021, 42, 963-970.	6.9	1