

Qingfa Wang

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118
papers

5,394
citations

32
h-index

72
g-index

122
ext. papers

6,400
ext. citations

7.3
avg, IF

6.08
L-index

#	Paper	IF	Citations
118	When cubic cobalt sulfide meets layered molybdenum disulfide: a core-shell system toward synergetic electrocatalytic water splitting. <i>Advanced Materials</i> , 2015 , 27, 4752-9	24	575
117	Hollow Cobalt-Based Bimetallic Sulfide Polyhedra for Efficient All-pH-Value Electrochemical and Photocatalytic Hydrogen Evolution. <i>Journal of the American Chemical Society</i> , 2016 , 138, 1359-65	16.4	540
116	Carbon nitride with simultaneous porous network and O-doping for efficient solar-energy-driven hydrogen evolution. <i>Nano Energy</i> , 2015 , 12, 646-656	17.1	420
115	Tungsten Oxides for Photocatalysis, Electrochemistry, and Phototherapy. <i>Advanced Materials</i> , 2015 , 27, 5309-27	24	381
114	Noble-Metal-Free Electrocatalysts for Oxygen Evolution. <i>Small</i> , 2019 , 15, e1804201	11	262
113	Review on selective hydrogenation of nitroarene by catalytic, photocatalytic and electrocatalytic reactions. <i>Applied Catalysis B: Environmental</i> , 2018 , 227, 386-408	21.8	226
112	Oxygen-Deficient Tungsten Oxide as Versatile and Efficient Hydrogenation Catalyst. <i>ACS Catalysis</i> , 2015 , 5, 6594-6599	13.1	189
111	Self-Templated Fabrication of CoO/MoO ₂ Nanocages for Enhanced Oxygen Evolution. <i>Advanced Functional Materials</i> , 2017 , 27, 1702324	15.6	167
110	Review on synthesis and properties of high-energy-density liquid fuels: Hydrocarbons, nanofluids and energetic ionic liquids. <i>Chemical Engineering Science</i> , 2018 , 180, 95-125	4.4	158
109	Direct Z-scheme composite of CdS and oxygen-defected CdWO ₄ : An efficient visible-light-driven photocatalyst for hydrogen evolution. <i>Applied Catalysis B: Environmental</i> , 2016 , 198, 154-161	21.8	154
108	Role of oxygen vacancies in photocatalytic water oxidation on ceria oxide: Experiment and DFT studies. <i>Applied Catalysis B: Environmental</i> , 2018 , 224, 101-108	21.8	124
107	High activity electrocatalysts from metal-organic framework-carbon nanotube templates for the oxygen reduction reaction. <i>Carbon</i> , 2015 , 82, 417-424	10.4	121
106	Morphology evolution of TiO ₂ facets and vital influences on photocatalytic activity. <i>ACS Applied Materials & Interfaces</i> , 2012 , 4, 1650-5	9.5	94
105	Design of two-dimensional, ultrathin MoS ₂ nanoplates fabricated within one-dimensional carbon nanofibers with thermosensitive morphology: high-performance electrocatalysts for the hydrogen evolution reaction. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 22126-37	9.5	93
104	Synergetic promotion on photoactivity and stability of W ₁₈ O ₄₉ /TiO ₂ hybrid. <i>Applied Catalysis B: Environmental</i> , 2014 , 147, 167-174	21.8	85
103	Hydrotreating of C18 fatty acids to hydrocarbons on sulphided NiW/SiO ₂ /Al ₂ O ₃ . <i>Fuel Processing Technology</i> , 2013 , 116, 165-174	7.2	81
102	Quantitative conversion of triglycerides to hydrocarbons over hierarchical ZSM-5 catalyst. <i>Applied Catalysis B: Environmental</i> , 2015 , 166-167, 327-334	21.8	79

101	Quantum dot self-decorated TiO ₂ nanosheets. <i>Chemical Communications</i> , 2013 , 49, 6593-5	5.8	69
100	A 3D dendritic WSe ₂ catalyst grown on carbon nanofiber mats for efficient hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 12149-12153	13	67
99	W18O ₄₉ nanowire alignments with a BiOCl shell as an efficient photocatalyst. <i>Nanoscale</i> , 2014 , 6, 8865-72	7.2	67
98	Mesoporous WO ₃ hollow spheres as highly active photocatalysts. <i>Chemical Communications</i> , 2014 , 50, 10959-62	5.8	67
97	Photocatalytic isomerization of norbornadiene to quadricyclane over metal (V, Fe and Cr)-incorporated TiO ₂ /MCM-41. <i>Applied Catalysis B: Environmental</i> , 2010 , 95, 439-445	21.8	55
96	Catalytic combustion of VOC on sandwich-structured Pt@ZSM-5 nanosheets prepared by controllable intercalation. <i>Journal of Hazardous Materials</i> , 2019 , 367, 568-576	12.8	54
95	Ti(3+)-defected and V-doped TiO ₂ quantum dots loaded on MCM-41. <i>Chemical Communications</i> , 2014 , 50, 988-90	5.8	52
94	Hydroconversion of Jatropha Oil to Alternative Fuel over Hierarchical ZSM-5. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 19916-19924	3.9	51
93	Thermal stability and kinetic of decomposition of nitrated HTPB. <i>Journal of Hazardous Materials</i> , 2009 , 172, 1659-64	12.8	46
92	Phase-controllable synthesis of cobalt hydroxide for electrocatalytic oxygen evolution. <i>Dalton Transactions</i> , 2017 , 46, 10545-10548	4.3	45
91	Deactivation and regeneration of titanium silicalite catalyst for epoxidation of propylene. <i>Journal of Molecular Catalysis A</i> , 2007 , 273, 73-80		45
90	Effect of support on the NiMo phase and its catalytic hydrodeoxygenation of triglycerides. <i>Fuel</i> , 2015 , 159, 430-435	7.1	44
89	Taming transition metals on N-doped CNTs by a one-pot method for efficient oxygen reduction reaction. <i>International Journal of Hydrogen Energy</i> , 2018 , 43, 7893-7902	6.7	36
88	Two-dimensional molybdenum disulfide and tungsten disulfide interleaved nanowalls constructed on silk cocoon-derived N-doped carbon fibers for hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2016 , 41, 21870-21882	6.7	33
87	Synthesis and performance of pillared HZSM-5 nanosheet zeolites for n-decane catalytic cracking to produce light olefins. <i>Applied Catalysis A: General</i> , 2019 , 572, 24-33	5.1	32
86	Doping carbon nanotubes with N, S, and B for electrocatalytic oxygen reduction: a systematic investigation on single, double, and triple doped modes. <i>Catalysis Science and Technology</i> , 2017 , 7, 4007-4016	5.5	31
85	Self-supported Pt nanoflakes-doped amorphous Ni(OH) ₂ on Ni foam composite electrode for efficient and stable methanol oxidation. <i>Journal of Colloid and Interface Science</i> , 2019 , 536, 189-195	9.3	31
84	Activation of persulfate by EDTA-2K-derived nitrogen-doped porous carbons for organic contaminant removal: Radical and non-radical pathways. <i>Chemical Engineering Journal</i> , 2020 , 386, 124009	14.7	28

83	Coordination-assisted synthesis of iron-incorporated cobalt oxide nanoplates for enhanced oxygen evolution. <i>Materials Today Chemistry</i> , 2019 , 11, 112-118	6.2	28
82	Tuning the decarboxylation selectivity for deoxygenation of vegetable oil over Pt/Ni bimetal catalysts via surface engineering. <i>Catalysis Science and Technology</i> , 2018 , 8, 1126-1133	5.5	27
81	Investigation of nitrate reduction on polycrystalline Pt nanoparticles with controlled crystal plane. <i>Journal of Electroanalytical Chemistry</i> , 2015 , 755, 210-214	4.1	26
80	Epoxidation of hydroxyl-terminated polybutadiene with hydrogen peroxide under phase-transfer catalysis. <i>Journal of Molecular Catalysis A</i> , 2009 , 309, 89-94		23
79	Confinement of Fe ₂ O ₃ nanoparticles in the shell of N-doped carbon hollow microsphere for efficient oxygen reduction reaction. <i>Chemical Engineering Science</i> , 2019 , 207, 235-246	4.4	22
78	Porous CoO-CeO ₂ heterostructures as highly active and stable electrocatalysts for water oxidation. <i>International Journal of Hydrogen Energy</i> , 2018 , 43, 22529-22537	6.7	22
77	Silk-derived graphene-like carbon with high electrocatalytic activity for oxygen reduction reaction. <i>RSC Advances</i> , 2016 , 6, 34219-34224	3.7	21
76	Epoxidation of allyl chloride and hydrogen peroxide over titanium silicalite-1 film on SiO ₂ pellet support. <i>Journal of Chemical Technology and Biotechnology</i> , 2007 , 82, 414-420	3.5	20
75	Selective electroreduction of CO ₂ to CO over co-electrodeposited dendritic core-shell indium-doped Cu@Cu ₂ O catalyst. <i>Journal of CO₂ Utilization</i> , 2020 , 37, 204-212	7.6	20
74	Electrodeposition of NiS/Ni ₂ P nanoparticles embedded in amorphous Ni(OH) ₂ nanosheets as an efficient and durable dual-functional electrocatalyst for overall water splitting. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 2546-2556	6.7	20
73	Selective Hydroconversion of Oleic Acid into Aviation-Fuel-Range Alkanes over Ultrathin Ni/ZSM-5 Nanosheets. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 5432-5444	3.9	19
72	Hydroconversion of Waste Cooking Oil into Bio-Jet Fuel over a Hierarchical NiMo/USY@Al-SBA-15 Zeolite. <i>Chemical Engineering and Technology</i> , 2018 , 41, 590-597	2	19
71	Hydroconversion of Waste Cooking Oil into Green Biofuel over Hierarchical USY-Supported NiMo Catalyst: A Comparative Study of Desilication and Dealumination. <i>Catalysts</i> , 2017 , 7, 281	4	19
70	Molecular dimensions of tetrahydrodicyclopentadiene isomers and shape selectivity of zeolitic catalysts. <i>Catalysis Communications</i> , 2005 , 6, 737-741	3.2	19
69	Controllable synthesis of hierarchical ZSM-5 for hydroconversion of vegetable oil to aviation fuel-like hydrocarbons. <i>RSC Advances</i> , 2017 , 7, 46109-46117	3.7	17
68	Hierarchically Porous Co-N-C Cathode Catalyst Layers for Anion Exchange Membrane Fuel Cells. <i>ChemSusChem</i> , 2019 , 12, 4165-4169	8.3	17
67	Homogeneous cobalt and iron oxide hollow nanocages derived from ZIF-67 etched by Fe species for enhanced water oxidation. <i>Electrochimica Acta</i> , 2019 , 296, 418-426	6.7	17
66	Kinetics of Epoxidation of Hydroxyl-Terminated Polybutadiene with Hydrogen Peroxide under Phase Transfer Catalysis. <i>Industrial & Engineering Chemistry Research</i> , 2009 , 48, 1364-1371	3.9	16

65	Multi-scale study on bifunctional Co/FeNi cathode catalyst layers with high active site density for the oxygen reduction reaction. <i>Applied Catalysis B: Environmental</i> , 2021 , 299, 120656	21.8	16
64	A host-guest approach to fabricate metallic cobalt nanoparticles embedded in silk-derived N-doped carbon fibers for efficient hydrogen evolution. <i>Green Energy and Environment</i> , 2017 , 2, 151-159	5.7	14
63	TPABr-grafted MWCNT as bifunctional template to synthesize hierarchical ZSM-5 zeolite. <i>Materials Letters</i> , 2017 , 197, 111-114	3.3	14
62	In-situ electrochemical activation of carbon fiber paper for the highly efficient electroreduction of concentrated nitric acid. <i>Electrochimica Acta</i> , 2018 , 291, 328-334	6.7	14
61	Influence of PtPd/TS-1 Catalyst Preparation on Epoxidation of Olefins with Hydrogen Peroxide. <i>Catalysis Letters</i> , 2005 , 103, 161-164	2.8	13
60	Hollow MFI Zeolite Supported Pt Catalysts for Highly Selective and Stable Hydrodeoxygenation of Guaiacol to Cycloalkanes. <i>Nanomaterials</i> , 2019 , 9,	5.4	12
59	N-dodecane hydroisomerization over Pt/ZSM-22: Controllable microporous Brüsted acidity distribution and shape-selectivity. <i>Applied Catalysis A: General</i> , 2020 , 590, 117335	5.1	12
58	Aqueous substitution synthesis of platinum modified amorphous nickel hydroxide on nickel foam composite electrode for efficient and stable hydrogen evolution. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 14258-14265	6.7	11
57	n-Dodecane Hydroisomerization over Hierarchical ZSM-22 Prepared by a Dual-Protected Alkali Treatment. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 8495-8505	3.9	11
56	Enhancing tetralin hydrogenation activity and sulphur-tolerance of Pt/MCM-41 catalyst with Al(NO ₃) ₃ , AlCl ₃ and Al(CH ₃) ₃ . <i>Catalysis Science and Technology</i> , 2014 , 4, 2081-2090	5.5	11
55	Enhancing selective hydroconversion of C18 fatty acids into hydrocarbons by hydrogen-donors. <i>Fuel</i> , 2014 , 133, 241-244	7.1	11
54	Epoxidation of allyl chloride with molecular oxygen and 2-ethyl-anthrahydroquinone catalyzed by TS-1. <i>Journal of Molecular Catalysis A</i> , 2005 , 229, 71-75		11
53	Trace sulfur promoted Fe, N-codoped carbon black as electrocatalyst for oxygen reduction reaction. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 3625-3635	6.7	10
52	Selective steam reforming of n-dodecane over stable subnanometric NiPt clusters encapsulated in Silicalite-1 zeolite. <i>AIChE Journal</i> , 2020 , 66, e16917	3.6	10
51	Self-Templated Synthesis of Co _{1-x} S Porous Hexagonal Microplates for Efficient Electrocatalytic Oxygen Evolution. <i>ChemElectroChem</i> , 2018 , 5, 1167-1172	4.3	10
50	Electrochemical behavior of Ir _x Ru _{1-x} O ₂ oxides as anodic electrocatalyst for electrosynthesis of dinitrogen pentoxide. <i>Electrochimica Acta</i> , 2012 , 74, 227-234	6.7	10
49	A comparison of the catalytic hydrogenation of 2-amylanthraquinone and 2-ethylanthraquinone over a Pd/Al ₂ O ₃ catalyst. <i>Frontiers of Chemical Science and Engineering</i> , 2017 , 11, 177-184	4.5	9
48	Efficient electrochemical reduction of carbon dioxide into ethylene boosted by copper vacancies on stepped cuprous oxide. <i>Journal of CO₂ Utilization</i> , 2020 , 38, 125-131	7.6	9

47	Electrodeposition of Cobalt Phosphosulfide Nanosheets on Carbon Fiber Paper as Efficient Electrocatalyst for Oxygen Evolution. <i>ChemElectroChem</i> , 2018 , 5, 1677-1682	4.3	9
46	Self-Supported Hierarchical Shell@Core Ni ₃ S ₂ @Ni Foam Composite Electrocatalyst with High Efficiency and Long-Term Stability for Methanol Oxidation. <i>ChemElectroChem</i> , 2018 , 5, 2376-2382	4.3	9
45	Highly dispersed Fe ₂ O ₃ embedded in nitrogen doped carbon for the efficient oxygen reduction reaction. <i>Catalysis Science and Technology</i> , 2019 , 9, 4581-4587	5.5	9
44	Structure-sensitive hydro-conversion of oleic acid to aviation-fuel-range-alkanes over alumina-supported nickel catalyst. <i>Catalysis Communications</i> , 2020 , 134, 105842	3.2	9
43	Pt@Carbon interaction-determined reaction pathway and selectivity for hydrogenation of 5-hydroxymethylfurfural over carbon supported Pt catalysts. <i>Catalysis Science and Technology</i> , 2021 , 11, 1298-1310	5.5	9
42	Hydroconversion of Waste Cooking Oil into Bio-Jet Fuel over NiMo/SBUY-MCM-41. <i>Catalysts</i> , 2019 , 9, 466	4	8
41	AlCl ₃ -Promoted MCM-41-Supported Platinum Catalysts with High Activity and Sulfur-Tolerance for Tetralin Hydrogenation: Effect of Al/Pt Ratio. <i>Catalysis Letters</i> , 2013 , 143, 454-462	2.8	8
40	Carbon fiber paper supported nano-Pt electrode with high electrocatalytic activity for concentrated nitric acid reduction. <i>Journal of Electroanalytical Chemistry</i> , 2017 , 794, 43-48	4.1	7
39	Nano-engineered nickel catalysts supported on 4-channel Al ₂ O ₃ hollow fibers for dry reforming of methane. <i>AIChE Journal</i> , 2018 , 64, 2625-2631	3.6	7
38	Self-Pillared ZSM-5-Supported Ni Nanoparticles as an Efficient Catalyst for Upgrading Oleic Acid to Aviation-Fuel-Range-Alkanes. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 13112-13121	3.9	7
37	AlCl ₃ -promoted MCM-41-supported platinum catalysts with high activity and sulfur-tolerance for tetralin hydrogenation: Effect of Pt/Al interaction. <i>Catalysis Communications</i> , 2013 , 35, 6-10	3.2	7
36	Electrochemical valorization of carboxylates in aqueous solution for the production of biofuels, fine chemicals, and hydrogen. <i>Green Chemistry</i> , 2020 , 22, 525-531	10	7
35	Hollow Hierarchical Silicalite-1 Zeolite Encapsulated PtNi Bimetals for Selective Hydroconversion of Methyl Stearate into Aviation Fuel Range Alkanes. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 8601-8611	3.9	7
34	Core@Shell Nanothorns on Carbon Fiber Paper Electrodes for Carboxylic Acid Valorization via Kolbe Electrolysis. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 18061-18066	8.3	6
33	Tailoring the hetero-structure of iron oxides in the framework of nitrogen doped carbon for the oxygen reduction reaction and zinc-air batteries. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 25791-25804	13	6
32	Donor-Acceptor Couples of Metal and Metal Oxides with Enriched Ni Active Sites for Oxygen Evolution. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 17501-17510	9.5	6
31	Pt nanocrystals selectively shaped by tuning the reductant concentration. <i>Materials Chemistry and Physics</i> , 2017 , 189, 80-83	4.4	5
30	Hydroconversion of C18 fatty acids using PtNi/Al ₂ O ₃ : Insight in the role of hydroxyl groups in Al ₂ O ₃ . <i>Catalysis Communications</i> , 2017 , 97, 14-17	3.2	5

29	Electrochemical synthesis of N ₂ O ₅ by oxidation of N ₂ O ₄ in nitric acid with PTFE membrane. <i>Electrochimica Acta</i> , 2007 , 52, 3667-3672	6.7	5
28	Kolbe Electrolysis of Biomass-Derived Fatty Acids Over Pt Nanocrystals in an Electrochemical Cell. <i>ChemCatChem</i> , 2020 , 12, 642-648	5.2	5
27	Influence of Impurities and Oxidation on Hydroconversion of Waste Cooking Oil into Bio-jet Fuel. <i>Chemical Engineering and Technology</i> , 2020 , 43, 273-281	2	5
26	Mn/Cu nanoclusters-grafted N-doped carbon nanotubes: Robust oxygen electrode catalysts for Zn-air batteries. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 27230-27243	6.7	5
25	TEOS-modified Ni/ZSM-5 nanosheet catalysts for hydroconversion of oleic acid to high-performance aviation fuel: Effect of acid spatial distribution. <i>Microporous and Mesoporous Materials</i> , 2020 , 291, 109705	5.3	5
24	Electroactive Edge-Site-Enriched $\text{Co}_{0.9}\text{Fe}_{0.1}(\text{OH})_x$ Nanoplates for Efficient Overall Water Splitting. <i>ChemElectroChem</i> , 2019 , 6, 2415-2422	4.3	4
23	A Pt@IrO ₂ core-shell catalyst for effective electrocatalytic reduction of concentrated nitric acid. <i>Applied Surface Science</i> , 2019 , 481, 1299-1304	6.7	4
22	Fabrication of hierarchical ZSM-22 hollow sphere. <i>Materials Letters</i> , 2019 , 244, 96-99	3.3	4
21	Study on deactivation and regeneration of Pd/Al ₂ O ₃ catalyst in hydrogen peroxide production by the anthraquinone process. <i>Reaction Kinetics and Catalysis Letters</i> , 2004 , 81, 297-304		4
20	Core-Shell ZnO@Cu ₂ O as Catalyst to Enhance the Electrochemical Reduction of Carbon Dioxide to C ₂ Products. <i>Catalysts</i> , 2021 , 11, 535	4	4
19	Catalytic synthesis of high-energy-density jet-fuel-range polycyclic fuel by dimerization reaction. <i>Fuel</i> , 2022 , 308, 122077	7.1	4
18	Edge/Defect Sites in $\text{Co Fe}(\text{OH})$ Nanoplates Responsible for Water Oxidation Activity. <i>ChemSusChem</i> , 2019 , 12, 2755-2762	8.3	3
17	Al(CH ₃) ₃ -promoted Pt/MCM-41 catalysts for tetralin hydrogenation in the presence of benzothiophene and promotion mechanism of Al-promoted Pt/MCM-41 catalysts. <i>RSC Advances</i> , 2015 , 5, 42468-42476	3.7	3
16	Highly (110)-Oriented Co _{1-x} S Nanosheet Arrays on Carbon Fiber Paper as High-Performance and Binder-Free Electrodes for Oxygen Production. <i>ChemistrySelect</i> , 2018 , 3, 3970-3974	1.8	3
15	High pressure and temperature sensing for the downhole applications 2007 ,		3
14	Highly Selective Hydrodeoxygenation of Dibenzofuran into Bicyclohexane over Hierarchical Pt/ZSM-5 Catalysts. <i>Industrial & Engineering Chemistry Research</i> , 2021 , 60, 2838-2848	3.9	3
13	Tuning the morphological and electronic structure of amorphous nickel-based electrocatalysts by anion regulation for water oxidation in neutral media. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 3093-3096	6.8	2
12	Synergetic electrochemical HNO ₃ reduction on the activated-CFP supported nano-Pt electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2020 , 869, 114182	4.1	2

11	Direct synthesis of hydrogen peroxide over Pd nanoparticles embedded between HZSM-5 nanosheets layers. <i>Chinese Journal of Chemical Engineering</i> , 2020 , 28, 2577-2586	3.2	2
10	Electrocatalytic methyl esterification of fatty acid using boron-doped-diamond electrodes. <i>Algal Research</i> , 2020 , 46, 101816	5	2
9	Facile synthesis of self-supported amorphous phosphorus-doped Ni(OH) ₂ composite anodes for efficient water oxidation. <i>Catalysis Science and Technology</i> , 2020 , 10, 263-267	5.5	2
8	Understanding Structure-activity Relationship on Metal-Organic-Framework-Derived Catalyst for CO ₂ Electroreduction to C ₂ Products. <i>ChemElectroChem</i> , 2021 , 8, 3174-3180	4.3	2
7	Influence of the MnO ₂ Phase on Oxygen Evolution Reaction Performance for Low-Loading Iridium Electrocatalysts. <i>ChemElectroChem</i> , 2021 , 8, 418-424	4.3	2
6	The Reactants Phase State: A Nonnegligible Factor in Tetralin Hydrogenation Catalysts Evaluation. <i>International Journal of Chemical Engineering</i> , 2014 , 2014, 1-8	2.2	1
5	Interfacial engineering of transition-metal sulfides heterostructures with built-in electric-field effects for enhanced oxygen evolution reaction. <i>Chinese Journal of Chemical Engineering</i> , 2021 , 41, 320-320	3.2	1
4	Selective Electrochemical Decarboxylation of n-Octanoic Acid to Hydrocarbons on Pt Nanocrystals. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 5288-5297	8.3	0
3	Morphology and Microstructure of Ir _x Si _{1-x} O ₂ Oxides as Anodic Electrocatalyst for Electrosynthesis of Dinitrogen Pentoxide. <i>Applied Mechanics and Materials</i> , 2013 , 316-317, 1024-1028	0.3	
2	Densities and Excess Molar Volumes of the Ternary System N ₂ O ₄ + H ₂ O + HNO ₃ at 278.15 K, 283.15 K, 288.15 K, and 293.15 K. <i>Journal of Chemical & Engineering Data</i> , 2011 , 56, 2416-2419	2.8	
1	Equilibrium Data for the N ₂ O ₅ + HNO ₃ + N ₂ O ₄ System at 258.2 K, 265.2 K, 273.2 K, and 281.2 K. <i>Journal of Chemical & Engineering Data</i> , 2009 , 54, 2077-2080	2.8	