De-Li Wang

List of Publications by Year
in descending order

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161 papers	13,686 citations	16451 64 h-index	22832 112 g-index
161 all docs	161 docs citations	161 times ranked	15422 citing authors

#	Article	IF	Citations
1	Tuning the hydrogen and hydroxyl adsorption on Ru nanoparticles for hydrogen electrode reactions via size controlling. Chinese Chemical Letters, 2023, 34, 107622.	9.0	7
2	A self-supported heterogeneous bimetallic phosphide array electrode enables efficient hydrogen evolution from saline water splitting. Nano Research, 2023, 16, 3658-3664.	10.4	17
3	Engineering titanium oxide-based support for electrocatalysis. Journal of Energy Chemistry, 2022, 67, 168-183.	12.9	6
4	Engineering Ir Atomic Configuration for Switching the Pathway of Formic Acid Electrooxidation Reaction. Advanced Functional Materials, 2022, 32, 2107672.	14.9	18
5	Investigation of MXenes as oxygen reduction electrocatalyst for selective H2O2 generation. Nano Research, 2022, 15, 3927-3932.	10.4	30
6	Nitrogen-inserted nickel nanosheets with controlled orbital hybridization and strain fields for boosted hydrogen oxidation in alkaline electrolytes. Energy and Environmental Science, 2022, 15, 1234-1242.	30.8	42
7	Pyranoid-O-dominated graphene-like nanocarbon for two-electron oxygen reduction reaction. Applied Catalysis B: Environmental, 2022, 307, 121173.	20.2	34
8	Coupling Coâ€“Nâ€“C with MXenes Yields Highly Efficient Catalysts for H₂O₂ Production in Acidic Media. ACS Applied Materials & Interfaces, 2022, 14, 11350-11358.	8.0	19
9	Highly dispersed Co atoms anchored in porous nitrogen-doped carbon for acidic H2O2 electrosynthesis. Chemical Engineering Journal, 2022, 438, 135619.	12.7	21
10	Tuning the atomic configuration of Co-N-C electrocatalyst enables highly-selective H2O2 production in acidic media. Applied Catalysis B: Environmental, 2022, 310, 121312.	20.2	64
11	Hollow Porous Carbon-Confined Atomically Ordered PtCo₃ Intermetallics for an Efficient Oxygen Reduction Reaction. ACS Catalysis, 2022, 12, 5380-5387.	11.2	57
12	Engineering Location and Supports of Atomically Ordered L1₀â€PdFe Intermetallics for Ultraâ€Anticorrosion Electrocatalysis. Advanced Functional Materials, 2022, 32, .	14.9	11
13	Controlling the Valenceâ€Electron Arrangement of Nickel Active Centers for Efficient Hydrogen Oxidation Electrocatalysis. Angewandte Chemie - International Edition, 2022, 61, .	13.8	23
14	Revealing the complex lithiation pathways and kinetics of core-shell NiO@CuO electrode. Energy Storage Materials, 2022, 51, 11-18.	18.0	11
15	Nb2CT MXenes functionalized Coâ^'NC enhancing electrochemical H2O2 production for organics degradation. Applied Catalysis B: Environmental, 2022, 317, 121737.	20.2	19
16	Molybdenum-doped titanium dioxide supported low-Pt electrocatalyst for highly efficient and stable hydrogen evolution reaction. Chinese Chemical Letters, 2021, 32, 765-769.	9.0	38
17	Insight into the hydrogen oxidation electrocatalytic performance enhancement on Ni via oxophilic regulation of MoO2. Journal of Energy Chemistry, 2021, 54, 202-207.	12.9	44
18	Structure evolution of PtCu nanoframes from disordered to ordered for the oxygen reduction reaction. Applied Catalysis B: Environmental, 2021, 282, 119617.	20.2	80

#	Article	IF	Citations
19	Surface engineering of PdFe ordered intermetallics for efficient oxygen reduction electrocatalysis. Chemical Engineering Journal, 2021, 408, 127297.	12.7	27
20	Multiple Active Sites Carbonaceous Anodes for Na⁺ Storage: Synthesis, Electrochemical Properties and Reaction Mechanism Analysis. Advanced Functional Materials, 2021, 31, 2007247.	14.9	29
21	Transforming Damage into Benefit: Corrosion Engineering Enabled Electrocatalysts for Water Splitting. Advanced Functional Materials, 2021, 31, 2009032.	14.9	70
22	Atomic-level insight into reasonable design of metal-based catalysts for hydrogen oxidation in alkaline electrolytes. Energy and Environmental Science, 2021, 14, 2620-2638.	30.8	68
23	Defect and DopingÂCo-Engineered Non-Metal Nanocarbon ORR Electrocatalyst. Nano-Micro Letters, 2021, 13, 65.	27.0	169
24	Carbon-enriched SiOC ceramics with hierarchical porous structure as anodes for lithium storage. Electrochimica Acta, 2021, 372, 137899.	5.2	32
25	In situ coupling of NiFe nanoparticles with N-doped carbon nanofibers for Zn-air batteries driven water splitting. Applied Catalysis B: Environmental, 2021, 285, 119856.	20.2	60
26	Efficient Electrochemical Production of H₂O₂ on Hollow N-Doped Carbon Nanospheres with Abundant Micropores. ACS Applied Materials & Interfaces, 2021, 13, 29551-29557.	8.0	70
27	Tuning Coal into Graphene-Like Nanocarbon for Electrochemical H₂O₂ Production with Nearly 100% Faraday Efficiency. ACS Sustainable Chemistry and Engineering, 2021, 9, 9369-9375.	6.7	37
28	A Lowâ€Temperature Carbon Encapsulation Strategy for Stable and Poisoningâ€Tolerant Electrocatalysts. Small Methods, 2021, 5, e2100937.	8.6	22
29	Boosting alkaline hydrogen electrooxidation on an unconventional fcc-Ru polycrystal. Journal of Energy Chemistry, 2021, 61, 15-22.	12.9	36
30	Synergistic regulation of nickel doping/hierarchical structure in cobalt sulfide for high performance zinc-air battery. Applied Catalysis B: Environmental, 2021, 298, 120539.	20.2	31
31	Hypercrosslinked Polymerization Enabled Nâ€Đoped Carbon Confined Fe₂O₃ Facilitating Li Polysulfides Interface Conversion for Liâ€“S Batteries. Advanced Energy Materials, 2021, 11, 2101780.	19.5	77
32	Accurate Control Multiple Active Sites of Carbonaceous Anode for High Performance Sodium Storage: Insights into Capacitive Contribution Mechanism. Advanced Energy Materials, 2020, 10, 1903312.	19.5	85
33	Well-ordered layered LiNi0.8Co0.1Mn0.1O2 submicron sphere with fast electrochemical kinetics for cathodic lithium storage. Journal of Energy Chemistry, 2020, 47, 188-195.	12.9	30
34	Methanol Oxidation Using Ternary Ordered Intermetallic Electrocatalysts: A DEMS Study. ACS Catalysis, 2020, 10, 770-776.	11.2	45
35	Tailoring the Antipoisoning Performance of Pd for Formic Acid Electrooxidation via an Ordered PdBi Intermetallic. ACS Catalysis, 2020, 10, 9977-9985.	11.2	75
36	Oxygen Reduction: Biaxial Strains Mediated Oxygen Reduction Electrocatalysis on Fenton Reaction Resistant L1₀â€PtZn Fuel Cell Cathode (Adv. Energy Mater. 29/2020). Advanced Energy Materials, 2020, 10, 2070124.	19.5	5

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37	Combining structurally ordered intermetallics with N-doped carbon confinement for efficient and anti-poisoning electrocatalysis. Applied Catalysis B: Environmental, 2020, 279, 119370.	20.2	55
38	Optimizing Formic Acid Electro-oxidation Performance by Restricting the Continuous Pd Sites in Pdâ€“Sn Nanocatalysts. ACS Sustainable Chemistry and Engineering, 2020, 8, 12239-12247.	6.7	20
39	Self-Optimized Ligand Effect in L1₂-PtPdFe Intermetallic for Efficient and Stable Alkaline Hydrogen Oxidation Reaction. ACS Catalysis, 2020, 10, 15207-15216.	11.2	64
40	Electronic structure and oxophilicity optimization of mono-layer Pt for efficient electrocatalysis. Nano Energy, 2020, 74, 104877.	16.0	39
41	Turning Waste into Treasure: Regulating the Oxygen Corrosion on Fe Foam for Efficient Electrocatalysis. Small, 2020, 16, e2000663.	10.0	76
42	Sulphur modulated Ni3FeN supported on N/S co-doped graphene boosts rechargeable/flexible Zn-air battery performance. Applied Catalysis B: Environmental, 2020, 274, 119086.	20.2	73
43	Corrosion-assisted large-scale production of hierarchical iron rusts/Ni(OH)2 nanosheet-on-microsphere arrays for efficient electrocatalysis. Electrochimica Acta, 2020, 353, 136478.	5.2	17
44	Highly active N-doped carbon encapsulated Pd-Fe intermetallic nanoparticles for the oxygen reduction reaction. Nano Research, 2020, 13, 2365-2370.	10.4	44
45	Biaxial Strains Mediated Oxygen Reduction Electrocatalysis on Fenton Reaction Resistant L1₀â€PtZn Fuel Cell Cathode. Advanced Energy Materials, 2020, 10, 2000179.	19.5	112
46	Rational Design and Engineering of Nanomaterials Derived from Prussian Blue and Its Analogs for Electrochemical Water Splitting. Chemistry - an Asian Journal, 2020, 15, 958-972.	3.3	28
47	Recent Progress of Palladium-Based Electrocatalysts for the Formic Acid Oxidation Reaction. Energy & Fuels, 2020, 34, 9137-9153.	5.1	57
48	Effectively suppressing lithium dendrite growth via an es-LiSPCE single-ion conducting nano fiber membrane. Journal of Materials Chemistry A, 2020, 8, 2518-2528.	10.3	33
49	Recent advances on metal alkoxide-based electrocatalysts for water splitting. Journal of Materials Chemistry A, 2020, 8, 10130-10149.	10.3	43
50	Ultrafine molybdenum carbide nanoparticles supported on nitrogen doped carbon nanosheets for hydrogen evolution reaction. Chinese Chemical Letters, 2019, 30, 192-196.	9.0	32
51	Hypercrosslinked polymers enabled micropore-dominant N, S Co-Doped porous carbon for ultrafast electron/ion transport supercapacitors. Nano Energy, 2019, 65, 103993.	16.0	204
52	MoO2 modulated electrocatalytic properties of Ni: investigate from hydrogen oxidation reaction to hydrogen evolution reaction. Electrochimica Acta, 2019, 324, 134892.	5.2	44
53	Hierarchical Bimetallic Niâ€“Coâ€“P Microflowers with Ultrathin Nanosheet Arrays for Efficient Hydrogen Evolution Reaction over All pH Values. ACS Applied Materials & Interfaces, 2019, 11, 42233-42242.	8.0	70
54	Oxides overlayer confined Ni3Sn2 alloy enable enhanced lithium storage performance. Journal of Power Sources, 2019, 441, 227185.	7.8	15

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55	Golden Palladium Zinc Ordered Intermetallics as Oxygen Reduction Electrocatalysts. ACS Nano, 2019, 13, 5968-5974.	14.6	83
56	Sea urchin-like Niâ€“Fe sulfide architectures as efficient electrocatalysts for the oxygen evolution reaction. Journal of Materials Chemistry A, 2019, 7, 12350-12357.	10.3	109
57	One-Nanometer-Thick Pt₃Ni Bimetallic Alloy Nanowires Advanced Oxygen Reduction Reaction: Integrating Multiple Advantages into One Catalyst. ACS Catalysis, 2019, 9, 4488-4494.	11.2	126
58	Ultrafine Ni-B nanoparticles for efficient hydrogen evolution reaction. Chinese Journal of Catalysis, 2019, 40, 1867-1873.	14.0	33
59	Facile self-template fabrication of hierarchical nickel-cobalt phosphide hollow nanoflowers with enhanced hydrogen generation performance. Science Bulletin, 2019, 64, 1675-1684.	9.0	43
60	Optimizing PtFe intermetallics for oxygen reduction reaction: from DFT screening to in situ XAFS characterization. Nanoscale, 2019, 11, 20301-20306.	5.6	33
61	Ultrathin Nonâ€van der Waals Magnetic Rhombohedral Cr₂S₃: Spaceâ€Confined Chemical Vapor Deposition Synthesis and Raman Scattering Investigation. Advanced Functional Materials, 2019, 29, 1805880.	14.9	103
62	Semi-interpenetrating polymer networks toward sulfonated poly(ether ether ketone) membranes for high concentration direct methanol fuel cell. Chinese Chemical Letters, 2019, 30, 299-304.	9.0	19
63	Recent Advances of Structurally Ordered Intermetallic Nanoparticles for Electrocatalysis. ACS Catalysis, 2018, 8, 3237-3256.	11.2	245
64	Effects of crystal phase and composition on structurally ordered Ptâ€“Coâ€“Ni/C ternary intermetallic electrocatalysts for the formic acid oxidation reaction. Journal of Materials Chemistry A, 2018, 6, 5848-5855.	10.3	66
65	Two-Dimensional Phosphorus-Doped Carbon Nanosheets with Tunable Porosity for Oxygen Reactions in Zinc-Air Batteries. ACS Catalysis, 2018, 8, 2464-2472.	11.2	175
66	Space-confined vapor deposition synthesis of two dimensional materials. Nano Research, 2018, 11, 2909-2931.	10.4	76
67	Correction to Porous Structured Niâ€“Feâ€“P Nanocubes Derived from a Prussian Blue Analogue as an Electrocatalyst for Efficient Overall Water Splitting. ACS Applied Materials & Interfaces, 2018, 10, 3152-3152.	8.0	3
68	From a ZIF-8 polyhedron to three-dimensional nitrogen doped hierarchical porous carbon: an efficient electrocatalyst for the oxygen reduction reaction. Journal of Materials Chemistry A, 2018, 6, 10731-10739.	10.3	111
69	Coordination effect of network NiO nanosheet and a carbon layer on the cathode side in constructing a high-performance lithiumâ€“sulfur battery. Journal of Materials Chemistry A, 2018, 6, 6503-6509.	10.3	58
70	Heteroatom (P, B, or S) incorporated NiFe-based nanocubes as efficient electrocatalysts for the oxygen evolution reaction. Journal of Materials Chemistry A, 2018, 6, 7062-7069.	10.3	98
71	MoS₂â€“MoP heterostructured nanosheets on polymer-derived carbon as an electrocatalyst for hydrogen evolution reaction. Journal of Materials Chemistry A, 2018, 6, 616-622.	10.3	104
72	3D Porous Carbon Sheets with Multidirectional Ion Pathways for Fast and Durable Lithiumâ€“Sulfur Batteries. Advanced Energy Materials, 2018, 8, 1702381.	19.5	165

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73	Composition-dependent electrocatalytic activities of NiFe-based selenides for the oxygen evolution reaction. Electrochimica Acta, 2018, 291, 64-72.	5.2	58
74	Restricting Growth of Ni₃Fe Nanoparticles on Heteroatom-Doped Carbon Nanotube/Graphene Nanosheets as Air-Electrode Electrocatalyst for Znâ€“Air Battery. ACS Applied Materials & Interfaces, 2018, 10, 38093-38100.	8.0	74
75	Atomic rearrangement from disordered to ordered Pd-Fe nanocatalysts with trace amount of Pt decoration for efficient electrocatalysis. Nano Energy, 2018, 50, 70-78.	16.0	66
76	Tuning the electrocatalytic activity of Pt by structurally ordered PdFe/C for the hydrogen oxidation reaction in alkaline media. Journal of Materials Chemistry A, 2018, 6, 11346-11352.	10.3	41
77	Anchoring ultrafine Pt electrocatalysts on TiO2-C via photochemical strategy to enhance the stability and efficiency for oxygen reduction reaction. Applied Catalysis B: Environmental, 2018, 237, 228-236.	20.2	85
78	Stringed â€œtube on cubeâ€•nanohybrids as compact cathode matrix for high-loading and lean-electrolyte lithiumâ€“sulfur batteries. Energy and Environmental Science, 2018, 11, 2372-2381.	30.8	255
79	Copper-Induced Formation of Structurally Ordered Ptâ€“Feâ€“Cu Ternary Intermetallic Electrocatalysts with Tunable Phase Structure and Improved Stability. Chemistry of Materials, 2018, 30, 5987-5995.	6.7	96
80	Bimetallic Nanoparticle Oxidation in Three Dimensions by Chemically Sensitive Electron Tomography and in Situ Transmission Electron Microscopy. ACS Nano, 2018, 12, 7866-7874.	14.6	49
81	Phase conversion of Pt3Ni2/C from disordered alloy to ordered intermetallic with strained lattice for oxygen reduction reaction. Electrochimica Acta, 2018, 283, 1253-1260.	5.2	26
82	Controllable construction of flower-like FeS/Fe2O3 composite for lithium storage. Journal of Power Sources, 2018, 392, 193-199.	7.8	50
83	Hyperporousâ€Carbonâ€Supported Nonprecious Metal Electrocatalysts for the Oxygen Reduction Reaction. Chemistry - an Asian Journal, 2018, 13, 2671-2676.	3.3	13
84	Hierarchically Porous Electrocatalyst with Vertically Aligned Defect-Rich CoMoS Nanosheets for the Hydrogen Evolution Reaction in an Alkaline Medium. ACS Applied Materials & Interfaces, 2017, 9, 5288-5294.	8.0	93
85	Facile preparation of carbon sphere supported molybdenum compounds (P, C and S) as hydrogen evolution electrocatalysts in acid and alkaline electrolytes. Nano Energy, 2017, 32, 511-519.	16.0	143
86	Controllable synthesis of molybdenum-based electrocatalysts for a hydrogen evolution reaction. Journal of Materials Chemistry A, 2017, 5, 4879-4885.	10.3	110
87	Highly efficient and stable MoP-RGO nanoparticles as electrocatalysts for hydrogen evolution. Electrochimica Acta, 2017, 232, 254-261.	5.2	66
88	A general approach for the direct fabrication of metal oxide-based electrocatalysts for efficient bifunctional oxygen electrodes. Sustainable Energy and Fuels, 2017, 1, 823-831.	4.9	24
89	Optimizing the ORR activity of Pd based nanocatalysts by tuning their strain and particle size. Journal of Materials Chemistry A, 2017, 5, 9867-9872.	10.3	98
90	High-rate and long-life lithium-ion battery performance of hierarchically hollow-structured NiCo2O4/CNT nanocomposite. Electrochimica Acta, 2017, 244, 8-15.	5.2	39

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91	Effect of KOH etching on the structure and electrochemical performance of SiOC anodes for lithium-ion batteries. Electrochimica Acta, 2017, 245, 287-295.	5.2	61
92	Highly nitrogen and sulfur dual-doped carbon microspheres for supercapacitors. Science Bulletin, 2017, 62, 1011-1017.	9.0	52
93	Various Structured Molybdenum-based Nanomaterials as Advanced Anode Materials for Lithium ion Batteries. ACS Applied Materials & Interfaces, 2017, 9, 12366-12372.	8.0	29
94	Acid promoted Ni/NiO monolithic electrode for overall water splitting in alkaline medium. Science China Materials, 2017, 60, 918-928.	6.3	32
95	Biomass derived nitrogen doped carbon with porous architecture as efficient electrode materials for supercapacitors. Chinese Chemical Letters, 2017, 28, 2227-2230.	9.0	47
96	Glucose-derived carbon sphere supported CoP as efficient and stable electrocatalysts for hydrogen evolution reaction. Journal of Energy Chemistry, 2017, 26, 1147-1152.	12.9	30
97	Porous Structured Niâ€“Feâ€“P Nanocubes Derived from a Prussian Blue Analogue as an Electrocatalyst for Efficient Overall Water Splitting. ACS Applied Materials & Interfaces, 2017, 9, 26134-26142.	8.0	220
98	Molybdenum carbides embedded on carbon nanotubes for efficient hydrogen evolution reaction. Journal of Electroanalytical Chemistry, 2017, 801, 7-13.	3.8	23
99	Highly Nitrogen-Doped Three-Dimensional Carbon Fibers Network with Superior Sodium Storage Capacity. ACS Applied Materials & Interfaces, 2017, 9, 28604-28611.	8.0	38
100	Nitrogenâ€Doped Hierarchical Porous Carbons Derived from Sodium Alginate as Efficient Oxygen Reduction Reaction Electrocatalysts. ChemCatChem, 2017, 9, 809-815.	3.7	45
101	Self-supported ternary Ni-Fe-P nanosheets derived from metal-organic frameworks as efficient overall water splitting electrocatalysts. Electrochimica Acta, 2017, 258, 423-432.	5.2	90
102	Recent Progress of Metal Organic Frameworks-Based Nanomaterials for Electrocatalysis. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2017, 33, 149-164.	4.9	8
103	Interrogation of bimetallic particle oxidation in three dimensions at the nanoscale. Nature Communications, 2016, 7, 13335.	12.8	65
104	Nanomaterial datasets to advance tomography in scanning transmission electron microscopy. Scientific Data, 2016, 3, 160041.	5.3	42
105	Nitrogen-doped carbon nanofibers derived from polypyrrole coated bacterial cellulose as high-performance electrode materials for supercapacitors and Li-ion batteries. Electrochimica Acta, 2016, 210, 130-137.	5.2	59
106	Ultralow content of Pt on Pdâ€“Coâ€“Cu/C ternary nanoparticles with excellent electrocatalytic activity and durability for the oxygen reduction reaction. Nano Energy, 2016, 27, 475-481.	16.0	26
107	Pt skin on Pdâ€“Coâ€“Zn/C ternary nanoparticles with enhanced Pt efficiency toward ORR. Nanoscale, 2016, 8, 14793-14802.	5.6	22
108	Nitrogen and sulfur co-doping of 3D hollow-structured carbon spheres as an efficient and stable metal free catalyst for the oxygen reduction reaction. Nanoscale, 2016, 8, 19086-19092.	5.6	125

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109	Spontaneous incorporation of gold in palladium-based ternary nanoparticles makes durable electrocatalysts for oxygen reduction reaction. Nature Communications, 2016, 7, 11941.	12.8	67
110	Hollowâ€Structured Carbonâ€Supported Nickel Cobaltite Nanoparticles as an Efficient Bifunctional Electrocatalyst for the Oxygen Reduction and Evolution Reactions. ChemCatChem, 2016, 8, 736-742.	3.7	70
111	Supramolecular gel-assisted synthesis of double shelled Co@CoO@Nâ€“C/C nanoparticles with synergistic electrocatalytic activity for the oxygen reduction reaction. Nanoscale, 2016, 8, 4681-4687.	5.6	74
112	Microporous Organic Polymers Derived Microporous Carbon Supported Pd Catalysts for Oxygen Reduction Reaction: Impact of Framework and Heteroatom. Journal of Physical Chemistry C, 2016, 120, 2187-2197.	3.1	54
113	Rational design of three-dimensional nitrogen and phosphorus co-doped graphene nanoribbons/CNTs composite for the oxygen reduction. Chinese Chemical Letters, 2016, 27, 597-601.	9.0	51
114	Nitrogen and sulfur co-doping of partially exfoliated MWCNTs as 3-D structured electrocatalysts for the oxygen reduction reaction. Journal of Materials Chemistry A, 2016, 4, 5678-5684.	10.3	66
115	Three-dimensional hollow-structured binary oxide particles as an advanced anode material for high-rate and long cycle life lithium-ion batteries. Nano Energy, 2016, 20, 212-220.	16.0	53
116	Impacts of Grazing Intensity and Plant Community Composition on Soil Bacterial Community Diversity in a Steppe Grassland. PLoS ONE, 2016, 11, e0159680.	2.5	55
117	Morphology and Activity Tuning of Cu₃Pt/C Ordered Intermetallic Nanoparticles by Selective Electrochemical Dealloying. Nano Letters, 2015, 15, 1343-1348.	9.1	131
118	Template-Free Synthesis of Hollow-Structured Co₃O₄ Nanoparticles as High-Performance Anodes for Lithium-Ion Batteries. ACS Nano, 2015, 9, 1775-1781.	14.6	275
119	Synergistic enhancement of nitrogen and sulfur co-doped graphene with carbon nanosphere insertion for the electrocatalytic oxygen reduction reaction. Journal of Materials Chemistry A, 2015, 3, 7727-7731.	10.3	61
120	Synthesis of highly stable and methanol-tolerant electrocatalyst for oxygen reduction: Co supporting on N-doped-C hybridized TiO2. Electrochimica Acta, 2015, 180, 564-573.	5.2	26
121	Enhanced electrocatalytic activity and stability of Pd₃V/C nanoparticles with a trace amount of Pt decoration for the oxygen reduction reaction. Journal of Materials Chemistry A, 2015, 3, 20966-20972.	10.3	12
122	Structurally ordered Ptâ€“Zn/C series nanoparticles as efficient anode catalysts for formic acid electrooxidation. Journal of Materials Chemistry A, 2015, 3, 22129-22135.	10.3	46
123	3D hollow structured Co₂FeO₄/MWCNT as an efficient non-precious metal electrocatalyst for oxygen reduction reaction. Journal of Materials Chemistry A, 2015, 3, 1601-1608.	10.3	48
124	Facile synthesis of boron and nitrogen-doped graphene as efficient electrocatalyst for the oxygen reduction reaction in alkaline media. International Journal of Hydrogen Energy, 2014, 39, 16043-16052.	7.1	180
125	Facile synthesis of sub-monolayer Sn, Ru, and RuSn decorated Pt/C nanoparticles for formaldehyde electrooxidation. Journal of Electroanalytical Chemistry, 2014, 712, 55-61.	3.8	8
126	Recent Progress on Mesoporous Carbon Materials for Advanced Energy Conversion and Storage. Particle and Particle Systems Characterization, 2014, 31, 515-539.	2.3	77

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127	A Solution-Phase Bifunctional Catalyst for Lithiumâ€“Oxygen Batteries. Journal of the American Chemical Society, 2014, 136, 8941-8946.	13.7	409
128	One-pot synthesis of nitrogen and sulfur co-doped graphene as efficient metal-free electrocatalysts for the oxygen reduction reaction. Chemical Communications, 2014, 50, 4839-4842.	4.1	302
129	Breaking the Crowther limit: Combining depth-sectioning and tilt tomography for high-resolution, wide-field 3D reconstructions. Ultramicroscopy, 2014, 140, 26-31.	1.9	35
130	Pt Skin on AuCu Intermetallic Substrate: A Strategy to Maximize Pt Utilization for Fuel Cells. Journal of the American Chemical Society, 2014, 136, 9643-9649.	13.7	220
131	ç”¨äºŽé”‚ç¦»å”µæ±ç‚©©æœºéžé‡‘å±žç²³ç±³æœ–™çš„ç©¶è¿›å±•. Scientia Sinica Chimica, 2014, 44, 1311-1324.	0.4	0
132	Amylopectin Wrapped Graphene Oxide/Sulfur for Improved Cyclability of Lithiumâ€“Sulfur Battery. ACS Nano, 2013, 7, 8801-8808.	14.6	181
133	Ultra-low loading Pt decorated coral-like Pd nanochain networks with enhanced activity and stability towards formic acid electrooxidation. Journal of Materials Chemistry A, 2013, 1, 1548-1552.	10.3	46
134	Structurally ordered intermetallic platinumâ€“cobalt coreâ€“shell nanoparticles with enhanced activity and stability as oxygen reduction electrocatalysts. Nature Materials, 2013, 12, 81-87.	27.5	1,768
135	Infiltrating sulfur in hierarchical architecture MWCNT@meso C coreâ€“shell nanocomposites for lithiumâ€“sulfur batteries. Physical Chemistry Chemical Physics, 2013, 15, 9051.	2.8	65
136	Coalescence in the Thermal Annealing of Nanoparticles: An in Situ STEM Study of the Growth Mechanisms of Ordered Ptâ€“Fe Nanoparticles in a KCl Matrix. Chemistry of Materials, 2013, 25, 1436-1442.	6.7	72
137	Tuning Oxygen Reduction Reaction Activity via Controllable Dealloying: A Model Study of Ordered Cu₃Pt/C Intermetallic Nanocatalysts. Nano Letters, 2012, 12, 5230-5238.	9.1	291
138	A Surfactant-Free Strategy for Synthesizing and Processing Intermetallic Platinum-Based Nanoparticle Catalysts. Journal of the American Chemical Society, 2012, 134, 18453-18459.	13.7	116
139	Three-Dimensional Tracking and Visualization of Hundreds of Ptâ^'Co Fuel Cell Nanocatalysts During Electrochemical Aging. Nano Letters, 2012, 12, 4417-4423.	9.1	162
140	Facile Synthesis of Carbon-Supported Pdâ€“Co Coreâ€“Shell Nanoparticles as Oxygen Reduction Electrocatalysts and Their Enhanced Activity and Stability with Monolayer Pt Decoration. Chemistry of Materials, 2012, 24, 2274-2281.	6.7	163
141	A Mechanistic Differential Electrochemical Mass Spectrometry (DEMS) and in situ Fourier Transform Infrared Investigation of Dimethoxymethane Electro-Oxidation at Platinum. Journal of Physical Chemistry C, 2011, 115, 13293-13302.	3.1	8
142	Enhanced oxygen reduction at Pd catalytic nanoparticles dispersed onto heteropolytungstate-assembled poly(diallyldimethylammonium)-functionalized carbon nanotubes. Physical Chemistry Chemical Physics, 2011, 13, 4400.	2.8	45
143	Self-assembly of HPW on Pt/C nanoparticles with enhanced electrocatalysis activity for fuel cell applications. Applied Catalysis B: Environmental, 2011, 103, 311-317.	20.2	41
144	HPW/MCMâ€41 Phosphotungstic Acid/Mesoporous Silica Composites as Novel Protonâ€Exchange Membranes for Elevatedâ€Temperature Fuel Cells. Advanced Materials, 2010, 22, 971-976.	21.0	141

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145	Tetrahydrofuran-functionalized multi-walled carbon nanotubes as effective support for Pt and PtSn electrocatalysts of fuel cells. Electrochimica Acta, 2010, 55, 2964-2971.	5.2	74
146	High Temperature Ceramic Proton Exchange Membranes for Direct Methanol Fuel Cells. ECS Transactions, 2010, 26, 269-277.	0.5	0
147	Highly Stable and CO-Tolerant Pt/Ti_{0.7}W_{0.3}O₂ Electrocatalyst for Proton-Exchange Membrane Fuel Cells. Journal of the American Chemical Society, 2010, 132, 10218-10220.	13.7	129
148	Pt-Decorated PdCo@Pd/C Coreâ^'Shell Nanoparticles with Enhanced Stability and Electrocatalytic Activity for the Oxygen Reduction Reaction. Journal of the American Chemical Society, 2010, 132, 17664-17666.	13.7	300
149	Pd/HPW-PDDA-MWCNTs as effective non-Pt electrocatalysts for oxygen reduction reaction of fuel cells. Chemical Communications, 2010, 46, 2058.	4.1	87
150	Shape-Controlled Synthesis of MnO₂ Nanostructures with Enhanced Electrocatalytic Activity for Oxygen Reduction. Journal of Physical Chemistry C, 2010, 114, 1694-1700.	3.1	432
151	HPW/MCM-41 Mesoporous Silica Composites as Novel Proton Exchange Membranes for Elevated Temperature Fuel Cells. ECS Transactions, 2009, 25, 1927-1933.	0.5	0
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