

Ze-Xing Wu

List of Publications by Year in descending order

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114
papers

5,642
citations

53660

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91712

69
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115
all docs

115
docs citations

115
times ranked

5930
citing authors

#	ARTICLE	IF	CITATIONS
1	N, P-doped carbon supported ruthenium doped Rhenium phosphide with porous nanostructure for hydrogen evolution reaction using sustainable energies. Journal of Colloid and Interface Science, 2022, 606, 1874-1881.	5.0	24
2	Facile synthesis of MoP-Ru ₂ P on porous N, P co-doped carbon for efficiently electrocatalytic hydrogen evolution reaction in full pH range. Applied Catalysis B: Environmental, 2022, 303, 120879.	10.8	111
3	Vanadium doped FeP nanoflower with optimized electronic structure for efficient hydrogen evolution. Journal of Colloid and Interface Science, 2022, 615, 445-455.	5.0	29
4	Heterostructure of RuO ₂ â€Ru ₂ /Ru Derived from HMTâ€based Coordination Polymers as Superior pHâ€Universal Electrocatalyst for Hydrogen Evolution Reaction. Small, 2022, 18, e2105168.	5.2	19
5	Tailoring the d-band centers of FeP nanobelt arrays by fluorine doping for enhanced hydrogen evolution at high current density. Fuel, 2022, 316, 123206.	3.4	24
6	Phosphorus doped two-dimensional CoFe ₂ O ₄ nanobelts decorated with Ru nanoclusters and Coâ€Fe hydroxide as efficient electrocatalysts toward hydrogen generation. Inorganic Chemistry Frontiers, 2022, 9, 1847-1855.	3.0	34
7	<i>In situ</i> construction of self-supporting Niâ€Fe sulfide for high-efficiency oxygen evolution. New Journal of Chemistry, 2022, 46, 8250-8255.	1.4	8
8	An <i>in situ</i> generated 3D porous nanostructure on 2D nanosheets to boost the oxygen evolution reaction for water-splitting. Nanoscale, 2022, 14, 4566-4572.	2.8	36
9	Facile synthesis of hierarchical Nb-Doped Moâ€Niâ€S nanospheres as efficient electrocatalyst toward hydrogen generation in alkaline media. International Journal of Hydrogen Energy, 2022, 47, 14414-14421.	3.8	9
10	Corrosive-coordinate engineering to construct 2D-3D nanostructure with trace Pt as efficient bifunctional electrocatalyst for overall water splitting. Science China Materials, 2022, 65, 1217-1224.	3.5	34
11	Ru-doped 3D porous Ni ₃ N sphere as efficient Bi-functional electrocatalysts toward urea assisted water-splitting. International Journal of Hydrogen Energy, 2022, 47, 25081-25089.	3.8	18
12	Ru, B Co-doped hollow structured iron phosphide as highly efficient electrocatalyst toward hydrogen generation in wide pH range. Journal of Materials Chemistry A, 2022, 10, 15155-15160.	5.2	16
13	Pt doping and strong metalâ€support interaction as a strategy for NiMo-based electrocatalysts to boost the hydrogen evolution reaction in alkaline solution. Journal of Materials Chemistry A, 2022, 10, 15395-15401.	5.2	19
14	Recent Progress of Vacancy Engineering for Electrochemical Energy Conversion Related Applications. Advanced Functional Materials, 2021, 31, 2009070.	7.8	166
15	Corrosion Engineering on Iron Foam toward Efficiently Electrocatalytic Overall Water Splitting Powered by Sustainable Energy. Advanced Functional Materials, 2021, 31, 2010437.	7.8	125
16	Engineering Bismuthâ€Tin Interface in Bimetallic Aerogel with a 3D Porous Structure for Highly Selective Electrocatalytic CO ₂ Reduction to HCOOH. Angewandte Chemie - International Edition, 2021, 60, 12554-12559.	7.2	188
17	Engineering Bismuthâ€Tin Interface in Bimetallic Aerogel with a 3D Porous Structure for Highly Selective Electrocatalytic CO ₂ Reduction to HCOOH. Angewandte Chemie, 2021, 133, 12662-12667.	1.6	36
18	Facile Synthesis of MoP-RuP ₂ with Abundant Interfaces to Boost Hydrogen Evolution Reactions in Alkaline Media. Nanomaterials, 2021, 11, 2347.	1.9	4

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19	Strategies on improving the electrocatalytic hydrogen evolution performances of metal phosphides. Chinese Journal of Catalysis, 2021, 42, 1876-1902.	6.9	58
20	Trifunctional Pt coupled with NiFe hydroxide synthesized via corrosion engineering to boost the cleavage of water molecule for alkaline water-splitting. Applied Catalysis B: Environmental, 2021, 297, 120395.	10.8	109
21	Evolution of interfacial coupling interaction of Ni-Ru species for pH-universal water splitting. Chemical Engineering Journal, 2021, 426, 130762.	6.6	36
22	Ultrafine Ir nanoparticles decorated on FeP/FeOOH with abundant interfaces via a facile corrosive approach for alkaline water-splitting. Journal of Materials Chemistry A, 2021, 9, 12074-12079.	5.2	32
23	In-situ transformation to accordion-like core-shell structured metal@metallic hydroxide nanosheet from nanorod morphology for overall water-splitting in alkaline media. Journal of Colloid and Interface Science, 2020, 559, 105-114.	5.0	13
24	In-situ formed N doped bamboo-like carbon nanotube decorated with Fe-Ni-Cr nanoparticles as efficient electrocatalysts for overall water-splitting. Materials Chemistry and Physics, 2020, 241, 122375.	2.0	13
25	N, S-codoped CNTs supported Co ₄ S ₃ nanoparticles prepared by using CdS nanorods as sulfur sources and hard templates: An efficient catalyst for reversible oxygen electrocatalysis. Journal of Colloid and Interface Science, 2020, 560, 186-197.	5.0	38
26	Rational design of Cu-Co thiospinel ternary sheet arrays for highly efficient electrocatalytic water splitting. Journal of Materials Chemistry A, 2020, 8, 1799-1807.	5.2	48
27	Efficient electrocatalytic conversion of N ₂ to NH ₃ on NiWO ₄ under ambient conditions. Nanoscale, 2020, 12, 1478-1483.	2.8	23
28	Hierarchical carbon microflowers supported defect-rich Co ₃ S ₄ nanoparticles: An efficient electrocatalyst for water splitting. Carbon, 2020, 160, 133-144.	5.4	90
29	Recent Progress in Graphdiyne for Electrocatalytic Reactions. ChemElectroChem, 2020, 7, 4843-4852.	1.7	11
30	Nitrogen-Doped Hollow Carbon Polyhedrons with Carbon Nanotubes Surface Layers as Effective Sulfur Hosts for High-Rate, Long-Lifespan Lithium-Sulfur Batteries. ChemElectroChem, 2020, 7, 4990-4998.	1.7	10
31	Nitrogen and iron codoped porous carbon polyhedra for effectively confining polysulfides and efficiently catalyzing their conversion in lithium-sulfur batteries. Sustainable Energy and Fuels, 2020, 4, 5215-5222.	2.5	3
32	Interface engineering of oxygen-vacancy-rich NiCo ₂ O ₄ /NiCoP heterostructure as an efficient bifunctional electrocatalyst for overall water splitting. Catalysis Science and Technology, 2020, 10, 5559-5565.	2.1	43
33	Recent development of two-dimensional metal-organic framework derived electrocatalysts for hydrogen and oxygen electrocatalysis. Nanoscale, 2020, 12, 18497-18522.	2.8	69
34	Electrochemical Energy Storage: Defect Engineering of 2D Materials for Electrochemical Energy Storage (Adv. Mater. Interfaces 15/2020). Advanced Materials Interfaces, 2020, 7, 2070087.	1.9	2
35	Self-Assembly/Sacrificial Synthesis of Highly Capacitive Hierarchical Porous Carbon from Longan Pulp Biomass. ChemElectroChem, 2020, 7, 4606-4613.	1.7	11
36	MoS ₂ /CoB with Se doping on carbon cloth to drive overall water-splitting in an alkaline electrolyte. Sustainable Energy and Fuels, 2020, 4, 5036-5041.	2.5	24

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37	Defect-Rich, Mesoporous Cobalt Sulfide Hexagonal Nanosheets as Superior Sulfur Hosts for High-Rate, Long-Cycle Rechargeable Lithium–Sulfur Batteries. <i>Journal of Physical Chemistry C</i> , 2020, 124, 12259-12268.	1.5	26
38	Synergistically enhanced hydrogen evolution reaction by ruthenium nanoparticles dispersed on N-doped carbon hollow nanospheres. <i>Chemical Communications</i> , 2020, 56, 6802-6805.	2.2	26
39	Sulfurated Metal–Organic Framework-Derived Nanocomposites for Efficient Bifunctional Oxygen Electrocatalysis and Rechargeable Zn–Air Battery. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 9226-9234.	3.2	79
40	Defect Engineering of 2D Materials for Electrochemical Energy Storage. <i>Advanced Materials Interfaces</i> , 2020, 7, 2000494.	1.9	19
41	Fe doped Sb nanoparticles supported on heteroatoms co-doped carbon matrix as efficient electrocatalyst for hydrogen evolution reaction in both acid and alkaline media. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 110, 51-57.	2.7	13
42	Anchoring Ru ₂ P on 3D hollow graphene nanospheres as efficient and pH-universal electrocatalysts for the hydrogen evolution reaction. <i>Carbon</i> , 2020, 161, 44-50.	5.4	64
43	Ru Nanoparticles Decorated on 2D MoO ₂ Nanosheets as Efficient and Durable Electrocatalysts for the Hydrogen Evolution Reaction in a Wide pH Range. <i>Journal of Physical Chemistry C</i> , 2020, 124, 10804-10814.	1.5	32
44	Cu(II) Ions Induced Structural Transformation of Cobalt Selenides for Remarkable Enhancement in Oxygen/Hydrogen Electrocatalysis. <i>ACS Catalysis</i> , 2019, 9, 10761-10772.	5.5	110
45	Oxygen Vacancy–Rich In–Doped CoO/CoP Heterostructure as an Effective Air Cathode for Rechargeable Zn–Air Batteries. <i>Small</i> , 2019, 15, e1904210.	5.2	142
46	Effects of ionic liquid pretreatment on pyrolysis characteristics of a high-sulfur bituminous coal. <i>Fuel</i> , 2019, 258, 116134.	3.4	15
47	Defective graphene aerogel-supported Bi–CoP nanoparticles as a high-potential air cathode for rechargeable Zn–air batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 22507-22513.	5.2	39
48	Facile Synthesis of Novel VO _{0.13} Mo _{0.87} O _{2.935} Nanowires With High-Rate Supercapacitive Performance. <i>Frontiers in Chemistry</i> , 2019, 7, 595.	1.8	7
49	Interface Engineering of MoS ₂ for Electrocatalytic Performance Optimization for Hydrogen Generation via Urea Electrolysis. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 16577-16584.	3.2	70
50	Hierarchical cobalt sulfide ultra-long microtube composed of nanosheets embedded within N-doped carbon as anode material for lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2019, 786, 475-480.	2.8	13
51	Polydopamine-assisted construction of cobalt phosphide encapsulated in N-doped carbon porous polyhedrons for enhanced overall water splitting. <i>Carbon</i> , 2019, 145, 694-700.	5.4	82
52	Using lithium chloride as a medium to prepare N,P-codoped carbon nanosheets for oxygen reduction and evolution reactions. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 417-422.	3.0	5
53	Ni-foam supported Co(OH)F and Co–P nanoarrays for energy-efficient hydrogen production via urea electrolysis. <i>Journal of Materials Chemistry A</i> , 2019, 7, 3697-3703.	5.2	235
54	Solvothermally Doping NiS ₂ Nanoparticles on Carbon with Ferric Ions for Efficient Oxygen Evolution Catalysis. <i>Catalysts</i> , 2019, 9, 458.	1.6	11

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55	Recent progress in Co ₉ S ₈ -based materials for hydrogen and oxygen electrocatalysis. <i>Journal of Materials Chemistry A</i> , 2019, 7, 16068-16088.	5.2	95
56	Enhanced the Hydrogen Evolution Performance by Ruthenium Nanoparticles Doped into Cobalt Phosphide Nanocages. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 9737-9742.	3.2	33
57	Encapsulated spinel CuXCo ₃ XO ₄ in carbon nanotubes as efficient and stable oxygen electrocatalysts. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 11421-11430.	3.8	33
58	Facile synthesis of Co-Fe-P nanochains as an efficient bifunctional electrocatalyst for overall water-splitting. <i>Nanoscale</i> , 2019, 11, 7506-7512.	2.8	195
59	Pt-Like Oxygen Reduction Activity Induced by Cost-Effective MnFeO ₂ /N-Carbon. <i>Chemistry - A European Journal</i> , 2019, 25, 6226-6232.	1.7	18
60	N,S-Codoped hierarchical porous carbon spheres embedded with cobalt nanoparticles as efficient bifunctional oxygen electrocatalysts for rechargeable zinc-air batteries. <i>Nanoscale</i> , 2019, 11, 21302-21310.	2.8	31
61	MOF-derived two-dimensional N-doped carbon nanosheets coupled with Co-Fe-P-Se as efficient bifunctional OER/ORR catalysts. <i>Nanoscale</i> , 2019, 11, 20144-20150.	2.8	83
62	Cobalt-Tannin-Framework-Derived Amorphous Co ₂ P/Co ₂ N ₂ C on N, P Co-Doped Porous Carbon with Abundant Active Moieties for Efficient Oxygen Reactions and Water Splitting. <i>ChemSusChem</i> , 2019, 12, 830-838.	3.6	48
63	Mn ₄ (PO ₄) ₃ /NPC As a High Performance Bifunctional Electrocatalyst for Oxygen Electrode Reactions. <i>ChemCatChem</i> , 2019, 11, 1222-1227.	1.8	10
64	Metal-organic frameworks derived bundled N-doped carbon nanowires confined cobalt phosphide nanocrystals as a robust electrocatalyst for hydrogen production. <i>Electrochimica Acta</i> , 2019, 299, 423-429.	2.6	42
65	Various strategies to tune the electrocatalytic performance of molybdenum phosphide supported on reduced graphene oxide for hydrogen evolution reaction. <i>Journal of Colloid and Interface Science</i> , 2019, 536, 638-645.	5.0	28
66	A Metal-Free N and P-Codoped Carbon Nanosphere as Bifunctional Electrocatalyst for Rechargeable Zinc-Air Batteries. <i>ChemElectroChem</i> , 2019, 6, 393-397.	1.7	26
67	Porous two-dimensional layered molybdenum compounds coupled with N-doped carbon based electrocatalysts for hydrogen evolution reaction. <i>Applied Surface Science</i> , 2019, 465, 724-729.	3.1	15
68	3D Robust Carbon Aerogels Immobilized with Pd ₃ Pb Nanoparticles for Oxygen Reduction Catalysis. <i>ACS Applied Nano Materials</i> , 2018, 1, 1904-1911.	2.4	29
69	Supramolecular gel assisted synthesis of Co ₂ P nanosheets as an efficient and stable catalyst for oxygen reduction reaction. <i>New Journal of Chemistry</i> , 2018, 42, 8800-8804.	1.4	27
70	Black phosphorus with superior lithium ion batteries performance directly synthesized by the efficient thermal-vaporization method. <i>Electrochimica Acta</i> , 2018, 263, 272-276.	2.6	40
71	Correction to Porous Structured Ni-Fe-P Nanocubes Derived from a Prussian Blue Analogue as an Electrocatalyst for Efficient Overall Water Splitting. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 3152-3152.	4.0	3
72	Coordination effect of network NiO nanosheet and a carbon layer on the cathode side in constructing a high-performance lithium-sulfur battery. <i>Journal of Materials Chemistry A</i> , 2018, 6, 6503-6509.	5.2	58

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73	MoS ₂ –MoP heterostructured nanosheets on polymer-derived carbon as an electrocatalyst for hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2018, 6, 616-622.	5.2	104
74	Metallic cobalt modified MnO–C nanocrystalline composites as an efficient bifunctional oxygen electrocatalyst. <i>Catalysis Science and Technology</i> , 2018, 8, 480-485.	2.1	23
75	Heteroatom (Nitrogen/Sulfur)-Doped Graphene as an Efficient Electrocatalyst for Oxygen Reduction and Evolution Reactions. <i>Catalysts</i> , 2018, 8, 475.	1.6	16
76	Probing Active Sites on Metal-Free, Nitrogen-Doped Carbons for Oxygen Electroreduction: A Review. <i>Catalysts</i> , 2018, 8, 509.	1.6	60
77	N,P-Codoped Carbon Layer Coupled with MoP Nanoparticles as an Efficient Electrocatalyst for Hydrogen Evolution Reaction. <i>Materials</i> , 2018, 11, 1316.	1.3	6
78	Nitrogen Doped Holey Carbon with MoS ₂ -MoP Nanosheets for Efficient Hydrogen Evolution Reaction in Alkaline Medium. <i>Journal of the Electrochemical Society</i> , 2018, 165, F976-F980.	1.3	13
79	Dicyandiamide and iron-tannin framework derived nitrogen-doped carbon nanosheets with encapsulated iron carbide nanoparticles as advanced pH-universal oxygen reduction catalysts. <i>Journal of Colloid and Interface Science</i> , 2018, 530, 196-201.	5.0	32
80	N-doped graphene combined with alloys (NiCo, CoFe) and their oxides as multifunctional electrocatalysts for oxygen and hydrogen electrode reactions. <i>Carbon</i> , 2018, 139, 35-44.	5.4	63
81	Highly active bifunctional oxygen electrocatalysts derived from nickel- or cobalt-phytic acid xerogel for zinc-air batteries. <i>Nanoscale</i> , 2018, 10, 15834-15841.	2.8	31
82	Recent Progress in Nitrogen-Doped Metal-Free Electrocatalysts for Oxygen Reduction Reaction. <i>Catalysts</i> , 2018, 8, 196.	1.6	59
83	An Iron-Based Catalyst with Multiple Active Components Synergetically Improved Electrochemical Performance for Oxygen Reduction Reaction. <i>Catalysts</i> , 2018, 8, 243.	1.6	5
84	Boosting Oxygen Reduction Catalysis with N-doped Carbon Coated Co ₉ S ₈ Microtubes. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 25415-25421.	4.0	89
85	FeP Nanocrystals Embedded in N-Doped Carbon Nanosheets for Efficient Electrocatalytic Hydrogen Generation over a Broad pH Range. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 11587-11594.	3.2	56
86	Controllable construction of flower-like FeS/Fe ₂ O ₃ composite for lithium storage. <i>Journal of Power Sources</i> , 2018, 392, 193-199.	4.0	50
87	Sulfur, nitrogen co-doped nanocomposite of graphene and carbon nanotube as an efficient bifunctional electrocatalyst for oxygen reduction and evolution reactions. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 93, 336-341.	2.7	10
88	Co/MnO/N-C hybrid derived from N-methyl-D-glucamine as efficient bifunctional oxygen electrocatalysts. <i>Electrochimica Acta</i> , 2018, 281, 486-493.	2.6	23
89	Hierarchically Porous Electrocatalyst with Vertically Aligned Defect-Rich CoMoS Nanosheets for the Hydrogen Evolution Reaction in an Alkaline Medium. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 5288-5294.	4.0	93
90	Facile preparation of carbon sphere supported molybdenum compounds (P, C and S) as hydrogen evolution electrocatalysts in acid and alkaline electrolytes. <i>Nano Energy</i> , 2017, 32, 511-519.	8.2	143

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91	Controllable synthesis of molybdenum-based electrocatalysts for a hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2017, 5, 4879-4885.	5.2	110
92	Highly efficient and stable MoP-RGO nanoparticles as electrocatalysts for hydrogen evolution. <i>Electrochimica Acta</i> , 2017, 232, 254-261.	2.6	66
93	A general approach for the direct fabrication of metal oxide-based electrocatalysts for efficient bifunctional oxygen electrodes. <i>Sustainable Energy and Fuels</i> , 2017, 1, 823-831.	2.5	24
94	High-rate and long-life lithium-ion battery performance of hierarchically hollow-structured NiCo ₂ O ₄ /CNT nanocomposite. <i>Electrochimica Acta</i> , 2017, 244, 8-15.	2.6	39
95	Effect of KOH etching on the structure and electrochemical performance of SiOC anodes for lithium-ion batteries. <i>Electrochimica Acta</i> , 2017, 245, 287-295.	2.6	61
96	Highly nitrogen and sulfur dual-doped carbon microspheres for supercapacitors. <i>Science Bulletin</i> , 2017, 62, 1011-1017.	4.3	52
97	Various Structured Molybdenum-based Nanomaterials as Advanced Anode Materials for Lithium ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 12366-12372.	4.0	29
98	Acid promoted Ni/NiO monolithic electrode for overall water splitting in alkaline medium. <i>Science China Materials</i> , 2017, 60, 918-928.	3.5	32
99	Biomass derived nitrogen doped carbon with porous architecture as efficient electrode materials for supercapacitors. <i>Chinese Chemical Letters</i> , 2017, 28, 2227-2230.	4.8	47
100	Porous Structured Ni-Fe-P Nanocubes Derived from a Prussian Blue Analogue as an Electrocatalyst for Efficient Overall Water Splitting. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 26134-26142.	4.0	220
101	Molybdenum carbides embedded on carbon nanotubes for efficient hydrogen evolution reaction. <i>Journal of Electroanalytical Chemistry</i> , 2017, 801, 7-13.	1.9	23
102	Highly Nitrogen-Doped Three-Dimensional Carbon Fibers Network with Superior Sodium Storage Capacity. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 28604-28611.	4.0	38
103	Nitrogen-Doped Hierarchical Porous Carbons Derived from Sodium Alginate as Efficient Oxygen Reduction Reaction Electrocatalysts. <i>ChemCatChem</i> , 2017, 9, 809-815.	1.8	45
104	Ultralow content of Pt on Pd-Co-Cu/C ternary nanoparticles with excellent electrocatalytic activity and durability for the oxygen reduction reaction. <i>Nano Energy</i> , 2016, 27, 475-481.	8.2	26
105	Pt skin on Pd-Co-Zn/C ternary nanoparticles with enhanced Pt efficiency toward ORR. <i>Nanoscale</i> , 2016, 8, 14793-14802.	2.8	22
106	Nitrogen and sulfur co-doping of 3D hollow-structured carbon spheres as an efficient and stable metal free catalyst for the oxygen reduction reaction. <i>Nanoscale</i> , 2016, 8, 19086-19092.	2.8	125
107	Hollow-Structured Carbon-Supported Nickel Cobaltite Nanoparticles as an Efficient Bifunctional Electrocatalyst for the Oxygen Reduction and Evolution Reactions. <i>ChemCatChem</i> , 2016, 8, 736-742.	1.8	70
108	Supramolecular gel-assisted synthesis of double shelled Co@CoO@N-C/C nanoparticles with synergistic electrocatalytic activity for the oxygen reduction reaction. <i>Nanoscale</i> , 2016, 8, 4681-4687.	2.8	74

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109	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.	4.8	51
110	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.	5.2	66
111	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.	8.2	53
112	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.	5.2	61
113	Structurally ordered Pt@Zn/C series nanoparticles as efficient anode catalysts for formic acid electrooxidation. Journal of Materials Chemistry A, 2015, 3, 22129-22135.	5.2	46
114	3D hollow structured Co ₂ FeO ₄ /MWCNT as an efficient non-precious metal electrocatalyst for oxygen reduction reaction. Journal of Materials Chemistry A, 2015, 3, 1601-1608.	5.2	48