

# Rongfang Wang

## List of Publications by Year in descending order

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160  
papers

6,045  
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53794

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110387

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g-index

163  
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163  
docs citations

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times ranked

6316  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrocatalyst based on Ni <sub>2</sub> P nanoparticles and NiCoP nanosheets for efficient hydrogen evolution from urea wastewater. Journal of Colloid and Interface Science, 2022, 608, 2932-2941.	9.4	28
2	Catalytically Active CoSe <sub>2</sub> Supported on Nitrogen-Doped Three Dimensional Porous Carbon as a Cathode for Highly Stable Lithium-Sulfur Battery. ChemPhysChem, 2022, 23, .	2.1	5
3	Engineering the densities of grain boundaries within particle-assembled NiCo <sub>2</sub> O <sub>4</sub> rods by sulfurization for effective water electrolysis. Journal of Electroanalytical Chemistry, 2022, 908, 116098.	3.8	4
4	Porous hetero-structured nickel oxide/nickel phosphide nanosheets as bifunctional electrocatalyst for hydrogen production via urea electrolysis. Journal of Colloid and Interface Science, 2022, 615, 163-172.	9.4	27
5	Ni <sub>2</sub> P nanoparticles-inserted NiFeP nanosheets with rich interfaces as efficient catalysts for the oxygen evolution reaction. Journal of Alloys and Compounds, 2022, 903, 163855.	5.5	20
6	Roughening the surface of porous NiCoP rod-like arrays via the in situ growth of NiCoP <sub>4</sub> O <sub>12</sub> nanoislands enables highly efficient energy storage. Dalton Transactions, 2022, 51, 4484-4490.	3.3	10
7	Copper mesh supported nickel nanowire array as a catalyst for the hydrogen evolution reaction in high current density water electrolysis. Dalton Transactions, 2022, 51, 5309-5314.	3.3	6
8	Synergistic Effect between Monodisperse Fe <sub>3</sub> O <sub>4</sub> Nanoparticles and Nitrogen-Doped Carbon Nanosheets to Promote Polysulfide Conversion in Lithium-Sulfur Batteries. ACS Applied Materials & Interfaces, 2022, 14, 16310-16319.	8.0	13
9	Activating Cu/Fe <sub>2</sub> O <sub>3</sub> nanoislands rooted on N-rich porous carbon nanosheets via the Mott-Schottky effect for rechargeable Zn-air battery. Chemical Engineering Journal, 2022, 442, 136128.	12.7	38
10	Effect of surface reconstruction induced by different electrochemical methods on hydrogen evolution performance of Ni <sub>2</sub> P array catalysts. International Journal of Hydrogen Energy, 2022, 47, 17097-17106.	7.1	6
11	FeCo nanoclusters inserted N,S doped carbon foams as bifunctional electrocatalyst for high-performance rechargeable Zn-air batteries. Journal of Power Sources, 2022, 538, 231592.	7.8	12
12	Using sp <sup>2</sup> N atom anchoring effect to prepare ultrafine vanadium nitride particles on porous nitrogen-doped carbon as cathode for lithium-sulfur battery. Journal of Colloid and Interface Science, 2022, 623, 306-317.	9.4	10
13	In-site hydrogen bubble template method to prepare Ni coated metal meshes as effective bi-functional electrodes for water splitting. Dalton Transactions, 2022, 51, 9681-9688.	3.3	8
14	Ultra-dispersed copper nanoparticles constructing crystalline-amorphous interface sites for alkaline water splitting. Journal of Colloid and Interface Science, 2022, 627, 650-660.	9.4	4
15	Charge state manipulation induced through cation intercalation into MnO <sub>2</sub> sheet arrays for efficient water splitting. Chemical Engineering Journal, 2021, 417, 127894.	12.7	40
16	Three-dimensional N-doped super-hydrophilic carbon electrodes with porosity tailored by Cu <sub>2</sub> O template-assisted electrochemical oxidation to improve the performance of electrical double-layer capacitors. Journal of Materials Chemistry A, 2021, 9, 2928-2936.	10.3	21
17	Inserting ultrafine NiO nanoparticles into amorphous NiP sheets by in situ phase reconstruction for high-stability of the HER catalysts. Nanoscale, 2021, 13, 13703-13708.	5.6	31
18	Layer-structured FeCo bihydroxide as an ultra-stable bifunctional electrocatalyst for water splitting at high current densities. Sustainable Energy and Fuels, 2021, 5, 2747-2752.	4.9	13

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19	Highly electrocatalytic three-dimensional chain-like nickel-based electrocatalysts with hierarchical structures for hydrogen evolution reactions. Dalton Transactions, 2021, 50, 14724-14729.	3.3	2
20	Simplifying the creation of iron compound inserted, nitrogen-doped carbon nanotubes and its catalytic application. Journal of Alloys and Compounds, 2021, 857, 157543.	5.5	6
21	Manganese-Assisted Annealing Produces Abundant Macropores in a Carbon Aerogel to Enhance Its Oxygen Reduction Catalytic Activity in Zinc-Air Batteries. ACS Sustainable Chemistry and Engineering, 2021, 9, 5526-5535.	6.7	16
22	How to get to best oxygen evolution behavior from the electrolysis practice of the seawater. International Journal of Hydrogen Energy, 2021, 46, 12936-12943.	7.1	35
23	Implanting Cobalt Atom Clusters within Nitrogen-Doped Carbon Network as Highly Stable Cathode for Lithium-Sulfur Batteries. Small Methods, 2021, 5, e2100066.	8.6	33
24	Integrating Ni nanoparticles into MoN nanosheets form Schottky heterojunctions to boost its electrochemical performance for water electrolysis. Journal of Alloys and Compounds, 2021, 867, 158983.	5.5	35
25	Fe <sub>3</sub> C-inserted @tube plugging into porous network-nanohybrids as advanced sulfur hosts for lithium-sulfur batteries. Journal of Alloys and Compounds, 2021, 877, 160286.	5.5	22
26	Ultrastable NiFeOOH/NiFe/Ni electrocatalysts prepared by in-situ electro-oxidation for oxygen evolution reaction at large current density. Applied Surface Science, 2021, 564, 150440.	6.1	30
27	1D NiHPO <sub>4</sub> nanotubes prepared using dissolution equilibrium as bifunctional electrocatalyst for high-efficiency water splitting. Journal of Power Sources, 2021, 513, 230543.	7.8	13
28	Performance evaluation of functionalized carbon aerogel as oxygen reduction reaction electrocatalyst in zinc-air cell. Journal of Power Sources, 2021, 511, 230458.	7.8	12
29	An industry-applicable hybrid electrode for large current density hydrogen evolution reaction. Journal of Power Sources, 2021, 516, 230635.	7.8	9
30	Design and synthesis of tremella-like Ni-Co-S flakes on co-coated cotton textile as high-performance electrode for flexible supercapacitor. Journal of Alloys and Compounds, 2020, 814, 151789.	5.5	43
31	Multidimensional regulation of Ni <sub>3</sub> S <sub>2</sub> @Co(OH) <sub>2</sub> catalyst with high performance for wind energy electrolytic water. Journal of Power Sources, 2020, 446, 227348.	7.8	50
32	Uniform Bamboo-like N-Doped Carbon Nanotubes Derived from a g-C <sub>3</sub> N <sub>4</sub> Substrate Grown via Anchoring Effect to Boost the Performance of Metal-Air Batteries. ACS Applied Energy Materials, 2020, 3, 11213-11222.	5.1	20
33	Engineered porous Ni <sub>2</sub> P-nanoparticle/Ni <sub>2</sub> P-nanosheet arrays via the Kirkendall effect and Ostwald ripening towards efficient overall water splitting. Nano Research, 2020, 13, 2098-2105.	10.4	92
34	Hollow-structured NiCoP nanorods as high-performance electrodes for asymmetric supercapacitors. Materials and Design, 2020, 193, 108807.	7.0	40
35	A highly efficient water electrolyser cell assembled by asymmetric array electrodes based on Co, Fe-doped Ni(OH) <sub>2</sub> nanosheets. Applied Surface Science, 2020, 528, 146972.	6.1	38
36	MOF derived graphitic carbon nitride/oxygen vacancies-rich zinc oxide nanocomposites with enhanced supercapacitive performance. Ionics, 2020, 26, 5155-5165.	2.4	15

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37	Hydrophilic Ni(OH) <sub>2</sub> @CoB nano-chains with shell-core structure as an efficient catalyst for oxygen evolution reaction. Journal of Alloys and Compounds, 2020, 844, 156129.	5.5	29
38	N-Doped Carbon Networks Containing Inserted FeN <sub>x</sub> @NC Nanospheroids and Bridged by Carbon Nanotubes as Enhanced Catalysts for the Oxygen Reduction Reaction. ACS Sustainable Chemistry and Engineering, 2020, 8, 6979-6989.	6.7	32
39	Facile loading of cobalt oxide on bismuth vanadate: Proved construction of p-n junction for efficient photoelectrochemical water oxidation. Journal of Colloid and Interface Science, 2020, 570, 89-98.	9.4	70
40	A High Faraday Efficiency NiMoO <sub>4</sub> Nanosheet Array Catalyst by Adjusting the Hydrophilicity for Overall Water Splitting. Chemistry - A European Journal, 2020, 26, 12067-12074.	3.3	49
41	Conductive Sulfur-Rich Copolymer Composites as Lithium-Sulfur Battery Electrodes with Fast Kinetics and a High Cycle Stability. ACS Sustainable Chemistry and Engineering, 2020, 8, 10389-10401.	6.7	27
42	A post-synthesis surface reconstructed carbon aerogel as an enhanced oxygen reduction reaction catalyst for zinc-air batteries. Catalysis Science and Technology, 2020, 10, 5288-5297.	4.1	8
43	Tailoring hollow structure within NiCoP nanowire arrays via nanoscale Kirkendall diffusion to enhance hydrogen evolution reaction. Nanotechnology, 2020, 31, 425404.	2.6	11
44	Molten-Salt Media Synthesis of N-Doped Carbon Tubes Containing Encapsulated Co Nanoparticles as a Bifunctional Air Cathode for Zinc-Air Batteries. Chemistry - A European Journal, 2020, 26, 10752-10758.	3.3	25
45	A Highly Crosslinked and Conductive Sulfur-Rich Copolymer with Grafted Polyaniline for Stable Cycling Lithium-Sulfur Batteries. Journal of the Electrochemical Society, 2020, 167, 020530.	2.9	10
46	Highly conductive copolymer/sulfur composites with covalently grafted polyaniline for stable and durable lithium-sulfur batteries. Electrochimica Acta, 2019, 321, 134678.	5.2	36
47	Grain boundaries of Co(OH) <sub>2</sub> -Ni-Cu nanosheets on the cotton fabric substrate for stable and efficient electro-oxidation of hydrazine. International Journal of Hydrogen Energy, 2019, 44, 24591-24603.	7.1	16
48	Dual-shelled Cu <sub>2</sub> O@Cu <sub>9</sub> S <sub>5</sub> @MnO <sub>2</sub> hollow spheres as advanced cathode material for energy storage. Journal of Alloys and Compounds, 2019, 805, 977-983.	5.5	11
49	Hierarchical core-shell structured Ni <sub>3</sub> S <sub>2</sub> /NiMoO <sub>4</sub> nanowires: a high-performance and reusable electrochemical sensor for glucose detection. Analyst, The, 2019, 144, 4925-4934.	3.5	24
50	Highly Efficient and Stable Catalyst Based on Co(OH) <sub>2</sub> @Ni Electroplated on Cu-Metallized Cotton Textile for Water Splitting. ACS Applied Materials & Interfaces, 2019, 11, 29791-29798.	8.0	49
51	Highly efficient non-enzymatic glucose sensor based on Cu <sub>2</sub> S hollow nanospheres. Applied Surface Science, 2019, 492, 407-416.	6.1	38
52	Mn Nanoparticles Encapsulated within Mesoporous Helical N-Doped Carbon Nanotubes as Highly Active Air Cathode for Zinc-Air Batteries. Advanced Sustainable Systems, 2019, 3, 1900085.	5.3	19
53	Flexible electrode with composite structure for large-scale production. Journal of Alloys and Compounds, 2019, 810, 151871.	5.5	5
54	CoNiSe <sub>2</sub> nanorods directly grown on Ni foam as advanced cathodes for asymmetric supercapacitors. Chemical Engineering Journal, 2019, 364, 320-327.	12.7	104

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55	Hierarchical core-shell structured CoNi <sub>2</sub> S <sub>4</sub> /Ni <sub>3</sub> S <sub>2</sub> @Ni(OH) <sub>2</sub> nanosheet arrays as electrode for electrochemical energy storage. Journal of Alloys and Compounds, 2019, 785, 684-691.	5.5	30
56	Mesoporous nickel selenide N-doped carbon as a robust electrocatalyst for overall water splitting. Electrochimica Acta, 2019, 300, 93-101.	5.2	70
57	Rich-grain-boundary of Ni <sub>3</sub> Se <sub>2</sub> nanowire arrays as multifunctional electrode for electrochemical energy storage and conversion applications. Journal of Materials Chemistry A, 2019, 7, 3344-3352.	10.3	97
58	Mesoporous cobalt selenide/nitrogen-doped carbon hybrid as bifunctional electrocatalyst for hydrogen evolution and oxygen reduction reactions. Journal of Power Sources, 2019, 423, 1-8.	7.8	38
59	N-doped porous transition metal-based carbon nanosheet networks as a multifunctional electrocatalyst for rechargeable zinc-air batteries. Chemical Communications, 2019, 55, 2924-2927.	4.1	54
60	Cobalt-nickel phosphides@carbon spheres as highly efficient and stable electrocatalyst for hydrogen evolution reaction. Catalysis Communications, 2019, 124, 1-5.	3.3	20
61	Porous-sheet-assembled Ni(OH) <sub>2</sub> /NiS arrays with vertical in-plane edge structure for supercapacitors with high stability. Dalton Transactions, 2019, 48, 17364-17370.	3.3	18
62	Synthesis of nitrogen-doped MnO/carbon network as an advanced catalyst for direct hydrazine fuel cells. Journal of Power Sources, 2019, 413, 209-215.	7.8	41
63	Mesoporous nickel-sulfide/nickel/N-doped carbon as HER and OER bifunctional electrocatalyst for water electrolysis. International Journal of Hydrogen Energy, 2019, 44, 2832-2840.	7.1	112
64	High-performance all-solid-state asymmetric supercapacitors based on sponge-like NiS/Ni <sub>3</sub> S <sub>2</sub> hybrid nanosheets. Materials Today Energy, 2019, 11, 211-217.	4.7	53
65	Ni(OH) <sub>2</sub> Nanoflakes Supported on 3D Ni <sub>3</sub> Se <sub>2</sub> Nanowire Array as Highly Efficient Electrodes for Asymmetric Supercapacitor and Ni/MH Battery. Small, 2019, 15, e1802861.	10.0	84
66	N-doped mesoporous FeNx/carbon as ORR and OER bifunctional electrocatalyst for rechargeable zinc-air batteries. Electrochimica Acta, 2019, 296, 653-661.	5.2	135
67	Mesoporous CoS/N-doped Carbon as HER and ORR Bifunctional Electrocatalyst for Water Electrolyzers and Zinc-Air Batteries. ChemCatChem, 2019, 11, 1026-1032.	3.7	43
68	Toward high performance of zinc-air battery using hydrophobic carbon foam-based diffusion electrode. Journal of Industrial and Engineering Chemistry, 2019, 71, 284-292.	5.8	11
69	N-Doped 3D Porous Ni/C Bifunctional Electrocatalysts for Alkaline Water Electrolysis. ACS Sustainable Chemistry and Engineering, 2019, 7, 3974-3981.	6.7	59
70	Nano-engineering PdNi networks by voltammetric dealloying for ethanol oxidation. Journal of Applied Electrochemistry, 2019, 49, 39-44.	2.9	7
71	Hollow core-shell structured Cu <sub>2</sub> O@Cu <sub>1.8</sub> S spheres as novel electrode for enzyme free glucose sensing. Materials Science and Engineering C, 2019, 95, 174-182.	7.3	22
72	MnO/N-doped Mesoporous Carbon as Advanced Oxygen Reduction Reaction Electrocatalyst for Zinc-Air Batteries. Chemistry - A European Journal, 2019, 25, 2868-2876.	3.3	29

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73	Cu <sub>0.6</sub> Ni <sub>0.4</sub> Co <sub>2</sub> O <sub>4</sub> nanowires, a novel noble-metal-free catalyst with ultrahigh catalytic activity towards the hydrolysis of ammonia borane for hydrogen production. International Journal of Hydrogen Energy, 2018, 43, 5541-5550.	7.1	41
74	Synthesis of porous nitrogen and sulfur co-doped carbon beehive in a high-melting-point molten salt medium for improved catalytic activity toward oxygen reduction reaction. International Journal of Hydrogen Energy, 2018, 43, 5124-5132.	7.1	50
75	Tailoring the porous structure of N-doped carbon for increased oxygen reduction reaction activity. Catalysis Communications, 2018, 107, 29-32.	3.3	11
76	Synergistic relationship between the three-dimensional nanostructure and electrochemical performance in biocarbon supercapacitor electrode materials. Sustainable Energy and Fuels, 2018, 2, 772-785.	4.9	53
77	Tuning the extent of porosity and composition of N-doped carbon materials by NaNO <sub>3</sub> and its effect on electrochemical activity. Materials Research Bulletin, 2018, 104, 134-142.	5.2	11
78	Core-shell structured Ni <sub>3</sub> S <sub>2</sub> @Co(OH) <sub>2</sub> nano-wires grown on Ni foam as binder-free electrode for asymmetric supercapacitors. Chemical Engineering Journal, 2018, 345, 48-57.	12.7	122
79	Achieving highly practical capacitance of MnO <sub>2</sub> by using chain-like CoB alloy as support. Nanoscale, 2018, 10, 7813-7820.	5.6	27
80	Nano-engineered intrapores in nanoparticles of PtNi networks for increased oxygen reduction reaction activity. Journal of Power Sources, 2018, 374, 48-54.	7.8	48
81	Rational Design of Hierarchically Core-Shell Structured Ni <sub>3</sub> S <sub>2</sub> @NiMoO <sub>4</sub> Nanowires for Electrochemical Energy Storage. Small, 2018, 14, e1800791.	10.0	111
82	Core-Shell-Structured Low-Platinum Electrocatalysts for Fuel Cell Applications. Electrochemical Energy Reviews, 2018, 1, 324-387.	25.5	72
83	Hydrophobic 3D Fe/N/S doped graphene network as oxygen electrocatalyst to achieve unique performance of zinc-air battery. Chemical Engineering Journal, 2018, 353, 472-480.	12.7	50
84	Integration of supercapacitors into printed circuit boards. Journal of Energy Storage, 2018, 19, 28-34.	8.1	14
85	Highly active porous Co-B nanoalloy synthesized on liquid-gas interface for hydrolysis of sodium borohydride. International Journal of Hydrogen Energy, 2018, 43, 17543-17555.	7.1	41
86	A 3D petal-like Ni <sub>3</sub> S <sub>2</sub> /CoNi <sub>2</sub> S <sub>4</sub> hybrid grown on Ni foam as a binder-free electrode for energy storage. Sustainable Energy and Fuels, 2018, 2, 1791-1798.	4.9	33
87	Mo-doped Cu <sub>0.5</sub> Ni <sub>0.5</sub> Co <sub>2</sub> O <sub>4</sub> nanowires, a strong substitute for noble-metal-based catalysts towards the hydrolysis of ammonia borane for hydrogen production. Catalysis Communications, 2018, 114, 89-92.	3.3	18
88	Double-shelled tremella-like NiO@Co <sub>3</sub> O <sub>4</sub> @MnO <sub>2</sub> as a high-performance cathode material for alkaline supercapacitors. Journal of Power Sources, 2017, 343, 76-82.	7.8	74
89	Facile synthesis of core-shell FeOOH@MnO <sub>2</sub> nanomaterials with excellent cycling stability for supercapacitor electrodes. Journal of Materials Science: Materials in Electronics, 2017, 28, 6481-6487.	2.2	15
90	Synthesis of high surface area mesoporous MnO <sub>2</sub> via a metastable aqueous interfacial reaction. Journal of Colloid and Interface Science, 2017, 503, 76-85.	9.4	15

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91	Ultra-high surface area and mesoporous N-doped carbon derived from sheep bones with high electrocatalytic performance toward the oxygen reduction reaction. <i>Journal of Solid State Electrochemistry</i> , 2017, 21, 2947-2954.	2.5	19
92	Tailoring nanopores within nanoparticles of PtCo networks as catalysts for methanol oxidation reaction. <i>Electrochimica Acta</i> , 2017, 255, 55-62.	5.2	36
93	Manganese dioxide core-shell nanostructure to achieve excellent cycling stability for asymmetric supercapacitor applications. <i>RSC Advances</i> , 2017, 7, 33635-33641.	3.6	33
94	Toward high practical capacitance of Ni(OH) <sub>2</sub> using highly conductive CoB nanochain supports. <i>Journal of Materials Chemistry A</i> , 2017, 5, 92-96.	10.3	45
95	Nano-sized Co/Co(OH) <sub>2</sub> core-shell structure synthesized in molten salt as electrode materials for supercapacitors. <i>Ionics</i> , 2017, 23, 725-730.	2.4	9
96	Enhanced Cycleability of Amorphous MnO <sub>2</sub> by Covering on $\gamma$ -MnO <sub>2</sub> Needles in an Electrochemical Capacitor. <i>Materials</i> , 2017, 10, 988.	2.9	28
97	Harvesting a 3D N-Doped Carbon Network from Waste Bean Dregs by Ionothermal Carbonization as an Electrocatalyst for an Oxygen Reduction Reaction. <i>Materials</i> , 2017, 10, 1366.	2.9	26
98	V <sub>2</sub> O <sub>5</sub> -SiO <sub>2</sub> hybrid as anode material for aqueous rechargeable lithium batteries. <i>Ionics</i> , 2016, 22, 1593-1601.	2.4	10
99	Ranunculus flower-like Ni(OH) <sub>2</sub> @Mn <sub>2</sub> O <sub>3</sub> as a high specific capacitance cathode material for alkaline supercapacitors. <i>Journal of Materials Chemistry A</i> , 2016, 4, 7591-7595.	10.3	55
100	Solid-state-reaction synthesis of cotton-like CoB alloy at room temperature as a catalyst for hydrogen generation. <i>Journal of Colloid and Interface Science</i> , 2016, 475, 149-153.	9.4	33
101	The effect of the internal magnetism of ferromagnetic catalysts on their catalytic activity toward oxygen reduction reaction under an external magnetic field. <i>Ionics</i> , 2016, 22, 2195-2202.	2.4	26
102	Robust superhydrophobic attapulgite coated polyurethane sponge for efficient immiscible oil/water mixture and emulsion separation. <i>Journal of Materials Chemistry A</i> , 2016, 4, 15546-15553.	10.3	317
103	Cage-like MnO <sub>2</sub> -Mn <sub>2</sub> O <sub>3</sub> hollow spheres with high specific capacitance and high rate capability as supercapacitor material. <i>Electrochimica Acta</i> , 2016, 219, 540-546.	5.2	58
104	A cost effective, highly porous, manganese oxide/carbon supercapacitor material with high rate capability. <i>Journal of Materials Chemistry A</i> , 2016, 4, 5390-5394.	10.3	56
105	Synthesis of hierarchical three-dimensional CuO spindles for highly sensitive glucose determination. <i>Micro and Nano Letters</i> , 2016, 11, 870-875.	1.3	4
106	Highly Efficient Photocatalytic Hydrogen Production of Flower-like Cadmium Sulfide Decorated by Histidine. <i>Scientific Reports</i> , 2015, 5, 13593.	3.3	59
107	N-doped porous carbon material made from fish-bones and its highly electrocatalytic performance in the oxygen reduction reaction. <i>RSC Advances</i> , 2015, 5, 48965-48970.	3.6	33
108	Ultrathin willow-like CuO nanoflakes as an efficient catalyst for electro-oxidation of hydrazine. <i>Journal of Power Sources</i> , 2015, 289, 22-25.	7.8	52



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109	Mesoporous nitrogen-doped carbon derived from carp with high electrocatalytic performance for oxygen reduction reaction. <i>Journal of Power Sources</i> , 2015, 278, 213-217.	7.8	26
110	Control of MnO <sub>2</sub> nanocrystal shape from tremella to nanobelt for enhancement of the oxygen reduction reaction activity. <i>Journal of Power Sources</i> , 2015, 280, 526-532.	7.8	107
111	Liquid-liquid interface-mediated room-temperature synthesis of amorphous NiCo pom-poms from ultrathin nanosheets with high catalytic activity for hydrazine oxidation. <i>Chemical Communications</i> , 2015, 51, 3570-3573.	4.1	64
112	Sponge-like carbon containing nitrogen and iron provides a non-precious oxygen reduction catalyst. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 1181-1186.	2.5	6
113	Room-temperature synthesis with inert bubble templates to produce clean PdCoP alloy nanoparticle networks for enhanced hydrazine electro-oxidation. <i>RSC Advances</i> , 2015, 5, 9837-9842.	3.6	27
114	A Co-N-doped carbonized egg white as a high-performance, non-precious metal, electrocatalyst for oxygen reduction. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 1727-1733.	2.5	27
115	Control of CuO nanocrystal morphology from ultrathin willow-leaf to flower-shaped for increased hydrazine oxidation activity. <i>Journal of Power Sources</i> , 2015, 300, 344-350.	7.8	31
116	Pig bones derived N-doped carbon with multi-level pores as electrocatalyst for oxygen reduction. <i>Journal of Power Sources</i> , 2015, 297, 295-301.	7.8	69
117	Cow dung-derived nitrogen-doped carbon as a cost effective, high activity, oxygen reduction electrocatalyst. <i>RSC Advances</i> , 2015, 5, 27112-27119.	3.6	28
118	Amorphous PtNiP particle networks of different particle sizes for the electro-oxidation of hydrazine. <i>RSC Advances</i> , 2015, 5, 68655-68661.	3.6	37
119	The enhanced electrocatalytic activity of okara-derived N-doped mesoporous carbon for oxygen reduction reaction. <i>Journal of Power Sources</i> , 2015, 274, 741-747.	7.8	77
120	Egg White Derived Tremella-Like Mesoporous Carbon as Efficient Non-Precious Electrocatalyst for Oxygen Reduction. <i>Journal of the Electrochemical Society</i> , 2014, 161, H637-H642.	2.9	20
121	Synergy among manganese, nitrogen and carbon to improve the catalytic activity for oxygen reduction reaction. <i>Journal of Power Sources</i> , 2014, 251, 363-369.	7.8	54
122	Highly active Vulcan carbon composite for oxygen reduction reaction in alkaline medium. <i>Electrochimica Acta</i> , 2014, 133, 391-398.	5.2	59
123	Ultrafine amorphous PtNiP nanoparticles supported on carbon as efficient electrocatalyst for oxygen reduction reaction. <i>Journal of Power Sources</i> , 2014, 259, 87-91.	7.8	31
124	Nanostructured Pt supported on cocoon-derived carbon as an efficient electrocatalyst for methanol oxidation. <i>Journal of Solid State Electrochemistry</i> , 2014, 18, 1503-1512.	2.5	14
125	Effect of stabilizers on the synthesis of palladium-nickel nanoparticles supported on carbon for ethanol oxidation in alkaline medium. <i>Journal of Power Sources</i> , 2014, 260, 12-18.	7.8	29
126	PtSn/C catalysts for ethanol oxidation: The effect of stabilizers on the morphology and particle distribution. <i>Journal of Power Sources</i> , 2014, 247, 142-150.	7.8	47



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127	Evolution of nanoscale amorphous, crystalline and phase-segregated PtNiP nanoparticles and their electrocatalytic effect on methanol oxidation reaction. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 3593.	2.8	61
128	Gas-liquid interface-mediated room-temperature synthesis of clean PdNiP alloy nanoparticle networks with high catalytic activity for ethanol oxidation. <i>Chemical Communications</i> , 2014, 50, 12877-12879.	4.1	48
129	Three-dimensional iron, nitrogen-doped carbon foams as efficient electrocatalysts for oxygen reduction reaction in alkaline solution. <i>Electrochimica Acta</i> , 2014, 142, 317-323.	5.2	29
130	Synthesis of ultrafine amorphous PtP nanoparticles and the effect of PtP crystallinity on methanol oxidation. <i>RSC Advances</i> , 2014, 4, 20722-20728.	3.6	26
131	Evolution of the electrocatalytic activity of carbon-supported amorphous platinum-ruthenium-nickel-phosphorous nanoparticles for methanol oxidation. <i>Journal of Power Sources</i> , 2014, 268, 498-507.	7.8	28
132	Lysine-derived mesoporous carbon nanotubes as a proficient non-precious catalyst for oxygen reduction reaction. <i>Journal of Power Sources</i> , 2014, 269, 54-60.	7.8	18
133	SnO <sub>2</sub> -embedded worm-like carbon nanofibers supported Pt nanoparticles for oxygen reduction reaction. <i>Electrochimica Acta</i> , 2014, 141, 13-19.	5.2	27
134	Chicken bone-derived N-doped porous carbon materials as an oxygen reduction electrocatalyst. <i>Electrochimica Acta</i> , 2014, 147, 520-526.	5.2	40
135	Chain-like SnO <sub>2</sub> -CN <sub>x</sub> Nanocomposite Supported Pt Nanoparticles and Their Application in the Electrocatalytic Oxidation of Ethanol in Acid Medium. <i>Journal of the Electrochemical Society</i> , 2014, 161, H860-H866.	2.9	1
136	Nitrogen-rich mesoporous carbon derived from melamine with high electrocatalytic performance for oxygen reduction reaction. <i>Journal of Power Sources</i> , 2014, 261, 238-244.	7.8	87
137	Soybean-derived mesoporous carbon as an effective catalyst support for electrooxidation of methanol. <i>Journal of Power Sources</i> , 2014, 248, 427-433.	7.8	52
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