

# Yu Chen

## List of Publications by Year in descending order

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166  
papers

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16791

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166  
docs citations

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times ranked

10673  
citing authors

#	ARTICLE	IF	CITATIONS
1	Au core-PtAu alloy shell nanowires for formic acid electrolysis. Journal of Energy Chemistry, 2022, 65, 94-102.	7.1	117
2	One-dimensional cobalt oxide nanotubes with rich defect for oxygen evolution reaction. Nanotechnology, 2022, 33, 075401.	1.3	5
3	Phase engineering of dual active 2D Bi <sub>2</sub> O <sub>3</sub> -based nanocatalysts for alkaline hydrogen evolution reaction electrocatalysis. Journal of Materials Chemistry A, 2022, 10, 808-817.	5.2	10
4	Molybdenum-Promoted Surface Reconstruction in Polymorphic Cobalt for Initiating Rapid Oxygen Evolution. Advanced Energy Materials, 2022, 12, 2103247.	10.2	59
5	Rhodium nanodendrites catalyzed alkaline methanol oxidation reaction in direct methanol fuel cells. Sustainable Materials and Technologies, 2022, 31, e00379.	1.7	13
6	Porous palladium phosphide nanotubes for formic acid electrooxidation. , 2022, 4, 283-293.		102
7	π-π interaction directed 2D FeNi-LDH nanosheets from 2D Hofmann-MOFs for the oxygen evolution reaction. Journal of Materials Chemistry A, 2022, 10, 1815-1820.	5.2	22
8	Quinone-based conjugated polymer cathodes synthesized via direct arylation for high performance Li-organic batteries. Chemical Communications, 2022, 58, 4763-4766.	2.2	5
9	Interfacial Engineering Enhances the Electroactivity of Frame-Like Concave RhCu Bimetallic Nanocubes for Nitrate Reduction. Advanced Energy Materials, 2022, 12, .	10.2	96
10	Trimetallic RhNiFe Phosphide Nanosheets for Electrochemical Reforming of Ethanol. ACS Applied Nano Materials, 2022, 5, 4948-4957.	2.4	9
11	Heterostructured Pd/PdO nanowires for selective and efficient CO <sub>2</sub> electroreduction to CO. Journal of Energy Chemistry, 2022, 70, 407-413.	7.1	67
12	High-Efficiency Electrosynthesis of Hydrogen Peroxide from Oxygen Reduction Enabled by a Tungsten Single Atom Catalyst with Unique Terdentate N <sub>1</sub> O <sub>2</sub> Coordination. Advanced Functional Materials, 2022, 32, .	7.8	55
13	Nitrogen-doped graphene aerogel-supported ruthenium nanocrystals for pH-universal hydrogen evolution reaction. Chinese Journal of Catalysis, 2022, 43, 1535-1543.	6.9	111
14	Plasma induced Fe-N active sites to improve the oxygen reduction reaction performance. , 2022, 1, 100005.		22
15	Rhodium-Cobalt Alloy Nanotubes Toward Methanol Oxidation Reaction. Small Structures, 2022, 3, .	6.9	15
16	Single atomic cobalt electrocatalyst for efficient oxygen reduction reaction. EScience, 2022, 2, 399-404.	25.0	127
17	Direct growth of holey Fe <sub>3</sub> O <sub>4</sub> -coupled Ni(OH) <sub>2</sub> sheets on nickel foam for the oxygen evolution reaction. Chinese Journal of Catalysis, 2021, 42, 271-278.	6.9	21
18	PtRu nanocubes as bifunctional electrocatalysts for ammonia electrolysis. Journal of Materials Chemistry A, 2021, 9, 8444-8451.	5.2	39

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19	Hydrogen and Potassium Acetate Co-Production from Electrochemical Reforming of Ethanol at Ultrathin Cobalt Sulfide Nanosheets on Nickel Foam. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 4026-4033.	4.0	33
20	Highly Active Hollow RhCu Nanoboxes toward Ethylene Glycol Electrooxidation. <i>Small</i> , 2021, 17, e2006534.	5.2	48
21	Bifunctional Palladium Hydride Nanodendrite Electrocatalysts for Hydrogen Evolution Integrated with Formate Oxidation. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 13149-13157.	4.0	39
22	In Situ Growth of Transition Metal Nanoparticles on Aluminosilicate Minerals for Oxygen Evolution. <i>Advanced Energy and Sustainability Research</i> , 2021, 2, 2100057.	2.8	3
23	Ether-linked porphyrin covalent organic framework with broadband optical switch. <i>IScience</i> , 2021, 24, 102526.	1.9	21
24	Engineering PdAu Nanowires for Highly Efficient Direct Methane Conversion to Methanol under Mild Conditions. <i>Journal of Physical Chemistry C</i> , 2021, 125, 12713-12720.	1.5	17
25	Advanced Applications and Challenges of Electropolymerized Conjugated Microporous Polymer Films. <i>Advanced Functional Materials</i> , 2021, 31, 2101861.	7.8	41
26	PdAuAg Alloy Nanoparticles on Nickel Foam as Anode for Passive Air-Breathing Formate Fuel Cell. <i>Journal of the Electrochemical Society</i> , 2021, 168, 064519.	1.3	6
27	Bifunctional Pd@RhPd Core-Shell Nanodendrites for Methanol Electrolysis. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 35767-35776.	4.0	28
28	Efficient Nitrate-to-Ammonia Electroreduction at Cobalt Phosphide Nanoshuttles. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 45521-45527.	4.0	33
29	Holey platinum nanotubes for ethanol electrochemical reforming in aqueous solution. <i>Science Bulletin</i> , 2021, 66, 2079-2089.	4.3	66
30	Holey cobalt oxyhydroxide nanosheets for the oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2021, 9, 3297-3302.	5.2	21
31	Hollow and mesoporous lipstick-like nitrogen-doped carbon with incremented catalytic activity for oxygen reduction reaction. <i>Nanotechnology</i> , 2021, 32, 095401.	1.3	3
32	Cobalt phosphide nanorings towards efficient electrocatalytic nitrate reduction to ammonia. <i>Chemical Communications</i> , 2021, 57, 11621-11624.	2.2	39
33	Surface-Dependent Intermediate Adsorption Modulation on Iridium-Modified Black Phosphorus Electrocatalysts for Efficient pH-Universal Water Splitting. <i>Advanced Materials</i> , 2021, 33, e2104638.	11.1	65
34	Carbon nanobowl supported chemically functionalized PtRh nanocrystals: a highly active and methanol tolerant electrocatalyst towards the oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2021, 9, 25621-25628.	5.2	9
35	In situ conversion of iron sulfide (FeS) to iron oxyhydroxide ( $\gamma$ -FeOOH) on N, S co-doped porous carbon nanosheets: An efficient electrocatalyst for the oxygen reduction reaction and zinc-air batteries. <i>Journal of Colloid and Interface Science</i> , 2020, 558, 323-333.	5.0	34
36	Co nanoparticles supported on three-dimensionally N-doped holey graphene aerogels for electrocatalytic oxygen reduction. <i>Journal of Colloid and Interface Science</i> , 2020, 559, 143-151.	5.0	21

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37	Benzylamine oxidation boosted electrochemical water-splitting: Hydrogen and benzonitrile co-production at ultra-thin Ni <sub>2</sub> P nanomeshes grown on nickel foam. <i>Applied Catalysis B: Environmental</i> , 2020, 268, 118393.	10.8	100
38	Substituent effect of conjugated microporous polymers on the photocatalytic hydrogen evolution activity. <i>Journal of Materials Chemistry A</i> , 2020, 8, 2404-2411.	5.2	91
39	Ultrafine Rh nanocrystals decorated ultrathin NiO nanosheets for urea electro-oxidation. <i>Applied Catalysis B: Environmental</i> , 2020, 265, 118567.	10.8	89
40	Formic acid decomposition-inhibited intermetallic Pd <sub>3</sub> Sn <sub>2</sub> nanonetworks for efficient formic acid electrooxidation. <i>Journal of Power Sources</i> , 2020, 450, 227615.	4.0	29
41	Two-dimensional cobalt prussian blue nanosheets: Template-directed synthesis and electrocatalytic oxygen evolution property. <i>Electrochimica Acta</i> , 2020, 333, 135544.	2.6	12
42	Hierarchical porous Rh nanosheets for methanol oxidation reaction. <i>Applied Catalysis B: Environmental</i> , 2020, 264, 118520.	10.8	92
43	Thin porous nanosheets of NiFe layered-double hydroxides toward a highly efficient electrocatalyst for water oxidation. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 1948-1958.	3.8	34
44	Ultrasonication-assisted and gram-scale synthesis of Co-LDH nanosheet aggregates for oxygen evolution reaction. <i>Nano Research</i> , 2020, 13, 79-85.	5.8	83
45	Bisulfone-Functionalized Organic Polymer Photocatalysts for High-Performance Hydrogen Evolution. <i>ChemSusChem</i> , 2020, 13, 369-375.	3.6	20
46	Nitrogen-doped phosphorene for electrocatalytic ammonia synthesis. <i>Journal of Materials Chemistry A</i> , 2020, 8, 15875-15883.	5.2	88
47	Au@Rh core-shell nanowires for hydrazine electrooxidation. <i>Applied Catalysis B: Environmental</i> , 2020, 278, 119269.	10.8	61
48	Conductive Metal-Organic Frameworks with Extra Metallic Sites as an Efficient Electrocatalyst for the Hydrogen Evolution Reaction. <i>Advanced Science</i> , 2020, 7, 2000012.	5.6	197
49	Rhodium phosphide ultrathin nanosheets for hydrazine oxidation boosted electrochemical water splitting. <i>Applied Catalysis B: Environmental</i> , 2020, 270, 118880.	10.8	151
50	Porous Pd-PdO Nanotubes for Methanol Electrooxidation. <i>Advanced Functional Materials</i> , 2020, 30, 2000534.	7.8	138
51	Iridium Nanotubes as Bifunctional Electrocatalysts for Oxygen Evolution and Nitrate Reduction Reactions. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 14064-14070.	4.0	91
52	Electrochemical Adsorption of Cs <sup>+</sup> Ions on H-Todorokite Nanorods. <i>ACS Omega</i> , 2020, 5, 1062-1067.	1.6	6
53	Surface oxidized two-dimensional antimonene nanosheets for electrochemical ammonia synthesis under ambient conditions. <i>Journal of Materials Chemistry A</i> , 2020, 8, 4735-4739.	5.2	57
54	Hydrogen generation from ammonia electrolysis on bifunctional platinum nanocubes electrocatalysts. <i>Journal of Energy Chemistry</i> , 2020, 47, 234-240.	7.1	80

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55	N,F-Codoped Carbon Nanocages: An Efficient Electrocatalyst for Hydrogen Peroxide Electroproduction in Alkaline and Acidic Solutions. ACS Sustainable Chemistry and Engineering, 2020, 8, 2883-2891.	3.2	72
56	Anodic hydrazine electrooxidation boosted overall water electrolysis by bifunctional porous nickel phosphide nanotubes on nickel foam. Nanoscale, 2020, 12, 11526-11535.	2.8	37
57	Metal-organic interface engineering for boosting the electroactivity of Pt nanodendrites for hydrogen production. Journal of Energy Chemistry, 2020, 51, 105-112.	7.1	49
58	Self-Supported Fe <sub>3</sub> C@CoMoP Hierarchical Nanostructures for Efficient Hydrogen Evolution. Chemistry - an Asian Journal, 2020, 15, 1590-1597.	1.7	6
59	Iron doped cobalt phosphide ultrathin nanosheets on nickel foam for overall water splitting. Journal of Materials Chemistry A, 2019, 7, 20658-20666.	5.2	123
60	Cyanogel auto-reduction induced synthesis of PdCo nanocubes on carbon nanobowls: a highly active electrocatalyst for ethanol electrooxidation. Nanoscale, 2019, 11, 13477-13483.	2.8	27
61	KOH-treated reduced graphene oxide: 100% selectivity for H <sub>2</sub> O <sub>2</sub> electroproduction. Carbon, 2019, 153, 6-11.	5.4	69
62	Salt-Templated Construction of Ultrathin Cobalt Doped Iron Thiophosphite Nanosheets toward Electrochemical Ammonia Synthesis. Small, 2019, 15, e1903500.	5.2	57
63	Thin NiFeCr-LDHs nanosheets promoted by g-C <sub>3</sub> N <sub>4</sub> : a highly active electrocatalyst for oxygen evolution reaction. Nanotechnology, 2019, 30, 494001.	1.3	12
64	Glycerol oxidation assisted electrocatalytic nitrogen reduction: ammonia and glyceraldehyde co-production on bimetallic RhCu ultrathin nanoflake nanoaggregates. Journal of Materials Chemistry A, 2019, 7, 21149-21156.	5.2	77
65	0.2 V Electrolysis Voltage-Driven Alkaline Hydrogen Production with Nitrogen-Doped Carbon Nanobowl-Supported Ultrafine Rh Nanoparticles of 1.4 nm. ACS Applied Materials & Interfaces, 2019, 11, 35039-35049.	4.0	27
66	A Wide-Band Gap Copolymer Donor for Efficient Fullerene-Free Solar Cells. ACS Omega, 2019, 4, 14800-14804.	1.6	4
67	Rh nanoroses for isopropanol oxidation reaction. Applied Catalysis B: Environmental, 2019, 259, 118082.	10.8	44
68	Atomically thick Ni(OH) <sub>2</sub> nanomeshes for urea electrooxidation. Nanoscale, 2019, 11, 1058-1064.	2.8	101
69	Facile synthesis of yolk-shell structured ZnFe <sub>2</sub> O <sub>4</sub> microspheres for enhanced electrocatalytic oxygen evolution reaction. Inorganic Chemistry Frontiers, 2019, 6, 511-520.	3.0	27
70	Construction of nano-composites by enzyme entrapped in mesoporous dendritic silica particles for efficient biocatalytic degradation of antibiotics in wastewater. Chemical Engineering Journal, 2019, 375, 121968.	6.6	23
71	Atomically ultrathin RhCo alloy nanosheet aggregates for efficient water electrolysis in broad pH range. Journal of Materials Chemistry A, 2019, 7, 16437-16446.	5.2	136
72	Facile synthesis of porous PdCu nanoboxes for efficient chromium(VI) reduction. CrystEngComm, 2019, 21, 3654-3659.	1.3	23

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73	Ultrathin Rh nanosheets as a highly efficient bifunctional electrocatalyst for isopropanol-assisted overall water splitting. <i>Nanoscale</i> , 2019, 11, 9319-9326.	2.8	97
74	Polyethylenimine-modified nickel phosphide nanosheets: interfacial protons boost the hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2019, 7, 13770-13776.	5.2	69
75	Enzyme Immobilization in MOF-derived Porous NiO with Hierarchical Structure: An Efficient and Stable Enzymatic Reactor. <i>ChemCatChem</i> , 2019, 11, 2828-2836.	1.8	21
76	Nanocatalysts for Electrocatalytic Oxidation of Ethanol. <i>ChemSusChem</i> , 2019, 12, 2117-2132.	3.6	134
77	A hydrogel-coated porous sulfur particle as volume-accommodable, conductivity-improved, and polysulfide-adsorptive cathode for lithium-sulfur batteries. <i>Journal of Electroanalytical Chemistry</i> , 2019, 841, 26-35.	1.9	11
78	Facile preparation of MnO/nitrogen-doped porous carbon nanotubes composites and their application in energy storage. <i>Journal of Power Sources</i> , 2019, 426, 33-39.	4.0	28
79	Two-dimensional graphdiyne analogue Co-coordinated porphyrin covalent organic framework nanosheets as a stable electrocatalyst for the oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2019, 7, 5575-5582.	5.2	81
80	Self-template synthesis of defect-rich NiO nanotubes as efficient electrocatalysts for methanol oxidation reaction. <i>Nanoscale</i> , 2019, 11, 19783-19790.	2.8	50
81	Ruthenium( <sup>III</sup> ) polyethyleneimine complexes for bifunctional ammonia production and biomass upgrading. <i>Journal of Materials Chemistry A</i> , 2019, 7, 25433-25440.	5.2	55
82	Interface self-assembly preparation of multi-element doped carbon nanobowls with high electrocatalysis activity for oxygen reduction reaction. <i>Journal of Colloid and Interface Science</i> , 2019, 533, 569-577.	5.0	8
83	Conjugated Microporous Polymers with Tunable Electronic Structure for High-Performance Potassium-Ion Batteries. <i>ACS Nano</i> , 2019, 13, 745-754.	7.3	162
84	Component-Dependent Electrocatalytic Activity of Ultrathin PdRh Alloy Nanocrystals for the Formate Oxidation Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 2830-2836.	3.2	47
85	Platinum-Silver Alloy Nanoballoon Nanoassemblies with Super Catalytic Activity for the Formate Electrooxidation. <i>ACS Applied Energy Materials</i> , 2018, 1, 1252-1258.	2.5	50
86	Anodic Hydrazine Oxidation Assists Energy-Efficient Hydrogen Evolution over a Bifunctional Cobalt Perselenide Nanosheet Electrode. <i>Angewandte Chemie</i> , 2018, 130, 7775-7779.	1.6	48
87	Rational design of donor-acceptor conjugated microporous polymers for photocatalytic hydrogen production. <i>Applied Catalysis B: Environmental</i> , 2018, 228, 1-9.	10.8	215
88	Ultrathin Co <sub>3</sub> O <sub>4</sub> Nanomeshes for the Oxygen Evolution Reaction. <i>ACS Catalysis</i> , 2018, 8, 1913-1920.	5.5	435
89	Atoms diffusion-induced phase engineering of platinum-gold alloy nanocrystals with high electrocatalytic performance for the formic acid oxidation reaction. <i>Journal of Colloid and Interface Science</i> , 2018, 514, 299-305.	5.0	21
90	Surfactant-free atomically ultrathin rhodium nanosheet nanoassemblies for efficient nitrogen electroreduction. <i>Journal of Materials Chemistry A</i> , 2018, 6, 3211-3217.	5.2	376

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91	PdCo Alloy Nanonetworks@Polyallylamine Inorganic@Organic Nanohybrids toward the Oxygen Reduction Reaction. <i>Advanced Materials Interfaces</i> , 2018, 5, 1701322.	1.9	37
92	Anodic Hydrazine Oxidation Assists Energy@Efficient Hydrogen Evolution over a Bifunctional Cobalt Perselenide Nanosheet Electrode. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7649-7653.	7.2	352
93	Ni@Mo@O nanorod-derived composite catalysts for efficient alkaline water-to-hydrogen conversion via urea electrolysis. <i>Energy and Environmental Science</i> , 2018, 11, 1890-1897.	15.6	599
94	Polyallylamine-Rh nanosheet nanoassemblies@carbon nanotubes organic-inorganic nanohybrids: A electrocatalyst superior to Pt for the hydrogen evolution reaction. <i>Journal of Power Sources</i> , 2018, 385, 32-38.	4.0	39
95	Hollow Pd@Sn Nanocrystals for Efficient Direct H <sub>2</sub> O <sub>2</sub> Synthesis: The Critical Role of Sn on Structure Evolution and Catalytic Performance. <i>ACS Catalysis</i> , 2018, 8, 3418-3423.	5.5	80
96	N-doped carbon nanocages: Bifunctional electrocatalysts for the oxygen reduction and evolution reactions. <i>Nano Research</i> , 2018, 11, 1905-1916.	5.8	73
97	Controllable synthesis of hierarchical nickel hydroxide nanotubes for high performance supercapacitors. <i>Chemical Communications</i> , 2018, 54, 559-562.	2.2	25
98	Enhancing the Selectivity of H <sub>2</sub> O <sub>2</sub> Electrogeneration by Steric Hindrance Effect. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 42534-42541.	4.0	69
99	Au Nanowires@Pd-Polyethylenimine Nanohybrids as Highly Active and Methanol-Tolerant Electrocatalysts toward Oxygen Reduction Reaction in Alkaline Media. <i>ACS Catalysis</i> , 2018, 8, 11287-11295.	5.5	129
100	Direct chemical synthesis of ultrathin holey iron doped cobalt oxide nanosheets on nickel foam for oxygen evolution reaction. <i>Nano Energy</i> , 2018, 54, 238-250.	8.2	114
101	Reduced graphene oxide supported PdNi alloy nanocrystals for the oxygen reduction and methanol oxidation reactions. <i>Green Energy and Environment</i> , 2018, 3, 375-383.	4.7	24
102	Bimetallic Platinum@Rhodium Alloy Nanodendrites as Highly Active Electrocatalyst for the Ethanol Oxidation Reaction. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 19755-19763.	4.0	132
103	Photocatalytic performance of AgCl@Ag core@shell nanocubes for the hexavalent chromium reduction. <i>Journal of Materials Science</i> , 2018, 53, 12030-12039.	1.7	18
104	Porous Trimetallic PtRhCu Cubic Nanoboxes for Ethanol Electrooxidation. <i>Advanced Energy Materials</i> , 2018, 8, 1801326.	10.2	240
105	3D nitrogen-doped graphene aerogels as efficient electrocatalyst for the oxygen reduction reaction. <i>Carbon</i> , 2018, 139, 137-144.	5.4	75
106	Dibenzothiophene Dioxide Based Conjugated Microporous Polymers for Visible-Light-Driven Hydrogen Production. <i>ACS Catalysis</i> , 2018, 8, 8590-8596.	5.5	202
107	Interfacial proton enrichment enhances proton-coupled electrocatalytic reactions. <i>Journal of Materials Chemistry A</i> , 2018, 6, 17771-17777.	5.2	29
108	From monometallic Au nanowires to trimetallic AuPtRh nanowires: interface control for the formic acid electrooxidation. <i>Journal of Materials Chemistry A</i> , 2018, 6, 17164-17170.	5.2	67

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109	Fe/N Codoped Carbon Nanocages with Single-Atom Feature as Efficient Oxygen Reduction Reaction Electrocatalyst. <i>ACS Applied Energy Materials</i> , 2018, 1, 4982-4990.	2.5	38
110	Carbon nanobowls supported ultrafine iridium nanocrystals: An active and stable electrocatalyst for the oxygen evolution reaction in acidic media. <i>Journal of Colloid and Interface Science</i> , 2018, 529, 325-331.	5.0	21
111	Selective Etching Induced Synthesis of Hollow Rh Nanospheres Electrocatalyst for Alcohol Oxidation Reactions. <i>Small</i> , 2018, 14, e1801239.	5.2	82
112	Toward High Performance Thiophene-Containing Conjugated Microporous Polymer Anodes for Lithium-Ion Batteries through Structure Design. <i>Advanced Functional Materials</i> , 2018, 28, 1705432.	7.8	162
113	Ultrathin Rhodium Oxide Nanosheet Nanoassemblies: Synthesis, Morphological Stability, and Electrocatalytic Application. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 17195-17200.	4.0	65
114	Perylene-Containing Conjugated Microporous Polymers for Photocatalytic Hydrogen Evolution. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1700049.	1.1	71
115	<i>In situ</i> bubble template-assisted synthesis of phosphonate-functionalized Rh nanodendrites and their catalytic application. <i>CrystEngComm</i> , 2017, 19, 2946-2952.	1.3	10
116	Two-Dimensional Cobalt/N-Doped Carbon Hybrid Structure Derived from Metal-Organic Frameworks as Efficient Electrocatalysts for Hydrogen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 5646-5650.	3.2	50
117	Control Synthesis of Tubular Hyper-Cross-Linked Polymers for Highly Porous Carbon Nanotubes. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 20779-20786.	4.0	77
118	Polyallylamine-Functionalized Platinum Tripods: Enhancement of Hydrogen Evolution Reaction by Proton Carriers. <i>ACS Catalysis</i> , 2017, 7, 452-458.	5.5	142
119	Polyethyleneimine functionalized platinum superstructures: enhancing hydrogen evolution performance by morphological and interfacial control. <i>Chemical Science</i> , 2017, 8, 8411-8418.	3.7	116
120	Bicarbazole-based redox-active covalent organic frameworks for ultrahigh-performance energy storage. <i>Chemical Communications</i> , 2017, 53, 11334-11337.	2.2	81
121	Research advances in unsupported Pt-based catalysts for electrochemical methanol oxidation. <i>Journal of Energy Chemistry</i> , 2017, 26, 1067-1076.	7.1	163
122	The electrocatalytic performance of carbon ball supported RhCo alloy nanocrystals for the methanol oxidation reaction in alkaline media. <i>Journal of Power Sources</i> , 2017, 371, 129-135.	4.0	24
123	Sulfur in Hyper-cross-linked Porous Polymer as Cathode in Lithium-Sulfur Batteries with Enhanced Electrochemical Properties. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 34783-34792.	4.0	38
124	Rhodium Nanosheets-Reduced Graphene Oxide Hybrids: A Highly Active Platinum-Alternative Electrocatalyst for the Methanol Oxidation Reaction in Alkaline Media. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 10156-10162.	3.2	86
125	Polyethyleneimine modified AuPd@PdAu alloy nanocrystals as advanced electrocatalysts towards the oxygen reduction reaction. <i>Journal of Energy Chemistry</i> , 2017, 26, 1153-1159.	7.1	53
126	Bimetallic AuRh nanodendrites consisting of Au icosahedron cores and atomically ultrathin Rh nanoplate shells: synthesis and light-enhanced catalytic activity. <i>NPG Asia Materials</i> , 2017, 9, e407-e407.	3.8	39



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127	Trimetallic PtRhNi alloy nanoassemblies as highly active electrocatalyst for ethanol electrooxidation. <i>Nano Research</i> , 2017, 10, 3324-3332.	5.8	79
128	Morphological and Interfacial Control of Platinum Nanostructures for Electrocatalytic Oxygen Reduction. <i>ACS Catalysis</i> , 2016, 6, 5260-5267.	5.5	117
129	Unexpected catalytic activity of rhodium nanodendrites with nanosheet subunits for methanol electrooxidation in an alkaline medium. <i>Nano Research</i> , 2016, 9, 3893-3902.	5.8	86
130	Hollow PtNi alloy nanospheres with enhanced activity and methanol tolerance for the oxygen reduction reaction. <i>Nano Research</i> , 2016, 9, 3494-3503.	5.8	46
131	Sandwich-structured Au@polyallylamine@Pd nanostructures: tuning the electronic properties of the Pd shell for electrocatalysis. <i>Journal of Materials Chemistry A</i> , 2016, 4, 12020-12024.	5.2	25
132	Hydrothermal Synthesis and Catalytic Application of Ultrathin Rhodium Nanosheet Nanoassemblies. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 33635-33641.	4.0	94
133	One-Pot Fabrication of Hollow and Porous Pd@Cu Alloy Nanospheres and Their Remarkably Improved Catalytic Performance for Hexavalent Chromium Reduction. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 30948-30955.	4.0	82
134	Dendritic platinum@copper bimetallic nanoassemblies with tunable composition and structure: Arginine-driven self-assembly and enhanced electrocatalytic activity. <i>Nano Research</i> , 2016, 9, 755-765.	5.8	94
135	A one-pot gold seed-assisted synthesis of gold/platinum wire nanoassemblies and their enhanced electrocatalytic activity for the oxidation of oxalic acid. <i>Nanoscale</i> , 2016, 8, 2875-2880.	2.8	29
136	Thermal decomposition synthesis of functionalized PdPt alloy nanodendrites with high selectivity for oxygen reduction reaction. <i>NPG Asia Materials</i> , 2015, 7, e219-e219.	3.8	59
137	Trimetallic PtAgCu@PtCu core@shell concave nanooctahedrons with enhanced activity for formic acid oxidation reaction. <i>Nano Energy</i> , 2015, 12, 824-832.	8.2	126
138	Highly active and durable platinum-lead bimetallic alloy nanoflowers for formic acid electrooxidation. <i>Nanoscale</i> , 2015, 7, 4894-4899.	2.8	50
139	Nanobranched porous palladium@tin intermetallics: One-step synthesis and their superior electrocatalysis towards formic acid oxidation. <i>Journal of Power Sources</i> , 2015, 280, 141-146.	4.0	60
140	Reduced graphene oxide supported platinum nanocubes composites: one-pot hydrothermal synthesis and enhanced catalytic activity. <i>Nanotechnology</i> , 2015, 26, 065603.	1.3	17
141	Polyethyleneimine-assisted synthesis of high-quality platinum/graphene hybrids: the effect of molecular weight on electrochemical properties. <i>Journal of Materials Chemistry A</i> , 2015, 3, 12000-12004.	5.2	28
142	Ethylenediaminetetraacetic acid mediated synthesis of palladium nanowire networks and their enhanced electrocatalytic performance for the hydrazine oxidation reaction. <i>Electrochimica Acta</i> , 2015, 176, 125-129.	2.6	20
143	Phosphonate-functionalized three-dimensional gold nanocomposite as a sensitive interface for facile electrochemical stripping detection of trace copper(II) ions. <i>Journal of Electroanalytical Chemistry</i> , 2015, 754, 1-7.	1.9	5
144	Ethanol-tolerant polyethyleneimine functionalized palladium nanowires in alkaline media: the Æmolecular window gauzeÆ-induced the selectivity for the oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2015, 3, 21083-21089.	5.2	32

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