Hongjing Wang

List of Publications by Year
in descending order

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177 papers	8,079 citations	41344 49 h-index	62596 80 g-index
178 all docs	178 docs citations	178 times ranked	6071 citing authors

#	Article	IF	Citations
1	Methanol electroreforming coupled to green hydrogen production over bifunctional NiIr-based metal-organic framework nanosheet arrays. Applied Catalysis B: Environmental, 2022, 300, 120753.	20.2	81
2	Trimetallic Au@PdPt porous core-shell structured nanowires for oxygen reduction electrocatalysis. Chemical Engineering Journal, 2022, 428, 131070.	12.7	17
3	Polyaniline-coated mesoporous Rh films for nonacidic hydrogen evolution reaction. Chemical Engineering Journal, 2022, 428, 132646.	12.7	34
4	Synergistic coupling of P-doped Pd4S nanoparticles with P/S-co-doped reduced graphene oxide for enhanced alkaline oxygen reduction. Chemical Engineering Journal, 2022, 429, 132194.	12.7	7
5	Modulating surface electronic structure of mesoporous Rh nanoparticles by Se-doping for enhanced electrochemical ammonia synthesis. Journal of Electroanalytical Chemistry, 2022, 904, 115874.	3.8	5
6	Ultrafine ruthenium–iridium–tellurium nanotubes for boosting overall water splitting in acidic media. Journal of Materials Chemistry A, 2022, 10, 2021-2026.	10.3	36
7	A phosphorus modified mesoporous AuRh film as an efficient bifunctional electrocatalyst for urea-assisted energy-saving hydrogen production. Journal of Materials Chemistry A, 2022, 10, 3086-3092.	10.3	10
8	Electroreduction of nitrogen to ammonia over bimetallic mesoporous RuAu film. Materials Today Energy, 2022, 23, 100920.	4.7	1
9	Liquid Metal Interfacial Growth and Exfoliation to Form Mesoporous Metallic Nanosheets for Alkaline Methanol Electroreforming. ACS Nano, 2022, 16, 2978-2987.	14.6	17
10	Interface engineering of polyaniline-functionalized porous Pd metallene for alkaline oxygen reduction reaction. Applied Catalysis B: Environmental, 2022, 307, 121172.	20.2	82
11	Defect-rich ultrathin AuPd nanowires with Boerdijk–Coxeter structure for oxygen reduction electrocatalysis. Chemical Engineering Journal, 2022, 435, 134823.	12.7	16
12	Methanol-assisted energy-saving hydrogen production over defect-rich perforated PdIn bimetallene. Chemical Engineering Journal, 2022, 435, 134711.	12.7	35
13	Mesoporous RhTe nanowires towards all-pH-value hydrogen evolution electrocatalysis. Chemical Engineering Journal, 2022, 435, 134798.	12.7	34
14	Ultralow-content Pd in-situ incorporation mediated hierarchical defects in corner-etched Cu2O octahedra for enhanced electrocatalytic nitrate reduction to ammonia. Applied Catalysis B: Environmental, 2022, 306, 121094.	20.2	86
15	PdRh bimetallene for energy-saving hydrogen production via methanol electroreforming. Applied Materials Today, 2022, 26, 101400.	4.3	11
16	N-doping induced lattice-strained porous PdIr bimetallene for pH-universal hydrogen evolution electrocatalysis. Journal of Materials Chemistry A, 2022, 10, 8364-8370.	10.3	19
17	Surface Engineering of Defective and Porous Ir Metallene with Polyallylamine for Hydrogen Evolution Electrocatalysis. Advanced Materials, 2022, 34, e2110680.	21.0	95
18	Electroreduction of Nitrate to Ammonia on Palladium–Cobalt–Oxygen Nanowire Arrays. ACS Applied Materials & Interfaces, 2022, 14, 13169-13176.	8.0	16

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19	Three-dimensional PdAuRu nanospines assemblies for oxygen reduction electrocatalysis. Chemical Engineering Journal, 2022, 438, 135539.	12.7	8
20	Amorphization activated RhPb nanflowers for energy-saving hydrogen production by hydrazine-assisted water electrolysis. Chemical Engineering Journal, 2022, 440, 135848.	12.7	21
21	Defect-rich low-crystalline Rh metallene for efficient chlorine-free H2 production by hydrazine-assisted seawater splitting. Applied Catalysis B: Environmental, 2022, 310, 121338.	20.2	75
22	Phosphorus incorporation accelerates ammonia electrosynthesis over a mesoporous Au film. Chemical Communications, 2022, 58, 6088-6091.	4.1	24
23	AuCu nanofibers for electrosynthesis of urea from carbon dioxide and nitrite. Cell Reports Physical Science, 2022, 3, 100869.	5.6	33
24	Urchin-like PdOs nanostructure for hydrogen evolution electrocatalysis. Nanotechnology, 2022, 33, 325401.	2.6	2
25	In Situ Reconstruction of Partially Hydroxylated Porous Rh Metallene for Ethylene Glycolâ€Assisted Seawater Splitting. Advanced Functional Materials, 2022, 32, .	14.9	57
26	P-modified hollow carbon mesoporous nanospheres decorated with ultrafine OsP alloy nanoparticles for nonacidic hydrogen evolution. Journal of Materials Chemistry A, 2022, 10, 13042-13047.	10.3	4
27	Tannic acid modified PdAu alloy nanowires as efficient oxygen reduction electrocatalysts. Nanotechnology, 2022, 33, 375401.	2.6	3
28	Interface functionalization of mesoporous ruthenium films with polyaniline for enhanced hydrogen evolution electrocatalysis at all pH values. Journal of Materials Chemistry A, 2022, 10, 14435-14440.	10.3	6
29	Heterogeneous Pd-PdO mesoporous film for ammonia electrosynthesis. Nanotechnology, 2022, 33, 385703.	2.6	1
30	Phosphorus-triggered activation of PdPb nanoflowers for enhanced oxygen reduction electrocatalysis. Journal of Materials Chemistry A, 2022, 10, 15528-15534.	10.3	7
31	Ultrathin Porous WPdH Nanosheet Assemblies for Efficient Alkaline Oxygen Reduction. Energy & Fuels, 2022, 36, 7775-7781.	5.1	4
32	Tensile strained PdNi bimetallene for energy-efficient hydrogen production integrated with formate oxidation. Chemical Engineering Journal, 2022, 450, 137995.	12.7	13
33	Boronâ€Intercalationâ€Induced Phase Evolution of Rh Metallene for Energyâ€Saving H₂ Production by H₂O₂ Oxidation Coupled with Water Electrolysis. Small, 2022, 18, .	10.0	23
34	Interstitial boron-doped nanoporous palladium film for electro-reduction of nitrogen to ammonia. Chemical Engineering Journal, 2022, 449, 137771.	12.7	9
35	Electronic structure control over Pd nanorods by B, P-co-doping enables enhanced electrocatalytic performance. Chemical Engineering Journal, 2021, 421, 127751.	12.7	20
36	Cage-bell structured Pt@N-doped hollow carbon sphere for oxygen reduction electrocatalysis. Chemical Engineering Journal, 2021, 409, 128101.	12.7	42

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37	Metal-organic frameworks-derived Ru-doped Co2P/N-doped carbon composite nanosheet arrays as bifunctional electrocatalysts for hydrogen evolution and urea oxidation. Chemical Engineering Journal, 2021, 408, 127308.	12.7	99
38	Tannic acid decorated AuPd lavender-like nanochains for enhanced oxygen reduction electrocatalysis. Journal of Materials Chemistry A, 2021, 9, 15678-15683.	10.3	10
39	Electrocatalysis of gold-based nanoparticles and nanoclusters. Materials Horizons, 2021, 8, 1657-1682.	12.2	49
40	Mesoporous Rh nanotubes for efficient electro-oxidation of methanol. Journal of Materials Chemistry A, 2021, 9, 4744-4750.	10.3	19
41	Flexible synthesis of Au@Pd coreâ€“shell mesoporous nanoflowers for efficient methanol oxidation. Nanoscale, 2021, 13, 3208-3213.	5.6	21
42	Phosphorus modulation of a mesoporous rhodium film for enhanced nitrogen electroreduction. Nanoscale, 2021, 13, 13809-13815.	5.6	6
43	Construction of hierarchical IrTe nanotubes with assembled nanosheets for overall water splitting electrocatalysis. Journal of Materials Chemistry A, 2021, 9, 18576-18581.	10.3	24
44	Atomic defects in pothole-rich two-dimensional copper nanoplates triggering enhanced electrocatalytic selective nitrate-to-ammonia transformation. Journal of Materials Chemistry A, 2021, 9, 16411-16417.	10.3	82
45	Anodic hydrazine oxidation assisted hydrogen evolution over bimetallic RhIr mesoporous nanospheres. Journal of Materials Chemistry A, 2021, 9, 18323-18328.	10.3	21
46	Rational construction of Au₃Cu@Cu nanocages with porous coreâ€“shell heterostructured walls for enhanced electrocatalytic N₂fixation. Journal of Materials Chemistry A, 2021, 9, 8372-8377.	10.3	25
47	Polyethylenimine-modified bimetallic Au@Rh coreâ€“shell mesoporous nanospheres surpass Pt for pH-universal hydrogen evolution electrocatalysis. Journal of Materials Chemistry A, 2021, 9, 13080-13086.	10.3	29
48	Bimetallic mesoporous RhRu film for electrocatalytic nitrogen reduction to ammonia. Inorganic Chemistry Frontiers, 2021, 8, 4276-4281.	6.0	7
49	Defectâ€Rich Porous Palladium Metallene for Enhanced Alkaline Oxygen Reduction Electrocatalysis. Angewandte Chemie - International Edition, 2021, 60, 12027-12031.	13.8	173
50	Defectâ€Rich Porous Palladium Metallene for Enhanced Alkaline Oxygen Reduction Electrocatalysis. Angewandte Chemie, 2021, 133, 12134-12138.	2.0	32
51	Engineering One-Dimensional AuPd Nanospikes for Efficient Electrocatalytic Nitrogen Fixation. ACS Applied Materials & Interfaces, 2021, 13, 20233-20239.	8.0	16
52	Ternary AuPS Alloy Mesoporous Film for Efficient Electroreduction of Nitrogen to Ammonia. ACS Applied Materials & Interfaces, 2021, 13, 28057-28063.	8.0	6
53	Mesoporous Bimetallic Au@Rh Coreâ€“Shell Nanowires as Efficient Electrocatalysts for pH-Universal Hydrogen Evolution. ACS Applied Materials & Interfaces, 2021, 13, 30479-30485.	8.0	33
54	Porous PdAg alloy nanostructures with a concave surface for efficient electrocatalytic methanol oxidation. Nanotechnology, 2021, 32, 355402.	2.6	1

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55	Enhancing electrochemical ammonia synthesis on palladium nanorods through surface hydrogenation. Chemical Engineering Journal, 2021, 416, 129105.	12.7	57
56	Enhanced electrocatalytic performance of mesoporous Au-Rh bimetallic films for ammonia synthesis. Chemical Engineering Journal, 2021, 418, 129493.	12.7	19
57	Mesoporous PdRu Nanocrystals for Oxygen Reduction Electrocatalysis. Energy & Fuels, 2021, 35, 13382-13388.	5.1	2
58	Synergism of Interfaces and Defects: Cu/Oxygen Vacancy-Rich Cu-Mn₃O₄ Heterostructured Ultrathin Nanosheet Arrays for Selective Nitrate Electroreduction to Ammonia. ACS Applied Materials & Interfaces, 2021, 13, 44733-44741.	8.0	64
59	PdNi/Ni Nanotubes Assembled by Mesoporous Nanoparticles for Efficient Alkaline Ethanol Oxidation Reaction. Chemistry - A European Journal, 2021, 27, 14472-14477.	3.3	11
60	Au nanowire modified with tannic acid for enhanced electrochemical synthesis of ammonia. Materials Today Energy, 2021, 21, 100828.	4.7	7
61	Concave-convex surface oxide layers over copper nanowires boost electrochemical nitrate-to-ammonia conversion. Chemical Engineering Journal, 2021, 426, 130759.	12.7	110
62	Integrating electrocatalytic hydrogen generation with selective oxidation of glycerol to formate over bifunctional nitrogen-doped carbon coated nickel-molybdenum-nitrogen nanowire arrays. Applied Catalysis B: Environmental, 2021, 298, 120493.	20.2	95
63	Transition metal and phosphorus co-doping induced lattice strain in mesoporous Rh-based nanospheres for pH-universal hydrogen evolution electrocatalysis. Chemical Engineering Journal, 2021, 426, 131227.	12.7	23
64	Regulation of the surface micro-structure and crystal phase of Pd₂B mesoporous nanoparticles for enhanced hydrogen evolution electrocatalysis. Journal of Materials Chemistry A, 2021, 9, 21123-21131.	10.3	10
65	Phosphorus-modified rutheniumâ€“tellurium dendritic nanotubes outperform platinum for alkaline hydrogen evolution. Journal of Materials Chemistry A, 2021, 9, 5026-5032.	10.3	20
66	Cooperativity of Cu and Pd active sites in CuPd aerogels enhances nitrate electroreduction to ammonia. Chemical Communications, 2021, 57, 7525-7528.	4.1	73
67	Two-Dimensional Heterojunction Electrocatalyst: Au-Bi₂Te₃ Nanosheets for Electrochemical Ammonia Synthesis. ACS Applied Materials & Interfaces, 2021, 13, 47458-47464.	8.0	24
68	Facile dual tuning of PtPdP nanoparticles by metalâ€“nonmetal co-incorporation and dendritic engineering for enhanced formic acid oxidation electrocatalysis. Nanotechnology, 2020, 31, 045401.	2.6	4
69	Integration mesoporous surface and hollow cavity into PtPdRh nano-octahedra for enhanced oxygen reduction electrocatalysis. Nanotechnology, 2020, 31, 025401.	2.6	5
70	Ir-Doped Ni-based metalâ€“organic framework ultrathin nanosheets on Ni foam for enhanced urea electro-oxidation. Chemical Communications, 2020, 56, 2151-2154.	4.1	101
71	A quaternary metalâ€“metalloidâ€“nonmetal electrocatalyst: B, P-co-doping into PdRu nanospine assemblies boosts the electrocatalytic capability toward formic acid oxidation. Journal of Materials Chemistry A, 2020, 8, 2424-2429.	10.3	29
72	Mesoporous Au₃Pd Film on Ni Foam: A Self-Supported Electrocatalyst for Efficient Synthesis of Ammonia. ACS Applied Materials & Interfaces, 2020, 12, 436-442.	8.0	49

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73	Boronâ€Doped PdCuAu Nanospine Assembly as an Efficient Electrocatalyst toward Formic Acid Oxidation. Chemistry - A European Journal, 2020, 26, 2493-2498.	3.3	12
74	Facile preparation of Pt-based cage-bell structured nanoarchitectures for enhanced methanol oxidation electrocatalysis. International Journal of Hydrogen Energy, 2020, 45, 2478-2485.	7.1	19
75	Engineering bunched RhTe nanochains for efficient methanol oxidation electrocatalysis. Chemical Communications, 2020, 56, 13595-13598.	4.1	43
76	Effects of AuCuB Catalysts with Porous Nanostructures on Electrosynthesis of Ammonia. ACS Sustainable Chemistry and Engineering, 2020, 8, 12588-12594.	6.7	16
77	An interconnected porous Au₃Pt film on Ni foam: an efficient electrocatalyst for alkaline hydrogen evolution reaction. Sustainable Energy and Fuels, 2020, 4, 4878-4883.	4.9	2
78	Pore-Size-Tuned Pd Films Grown on Ni Foam as an Advanced Catalyst for Electrosynthesis of Ammonia. ACS Sustainable Chemistry and Engineering, 2020, 8, 11827-11833.	6.7	9
79	Twoâ€Dimensional NiIr@Nâ€Doped Carbon Nanocomposites Supported on Ni Foam for Electrocatalytic Overall Water Splitting. Chemistry - A European Journal, 2020, 26, 14496-14501.	3.3	16
80	Phosphorus-triggered modification of the electronic structure and surface properties of Pd₄S nanowires for robust hydrogen evolution electrocatalysis. Journal of Materials Chemistry A, 2020, 8, 19873-19878.	10.3	42
81	Multinary PtPdNiP truncated octahedral mesoporous nanocages for enhanced methanol oxidation electrocatalysis. New Journal of Chemistry, 2020, 44, 15492-15497.	2.8	6
82	A mesoporous Au film with surface sulfur modification for efficient ammonia electrosynthesis. Journal of Materials Chemistry A, 2020, 8, 20414-20419.	10.3	34
83	Palladium Nanothorn Assembly Array for Efficient Electroreduction of Nitrogen to Ammonia. ACS Sustainable Chemistry and Engineering, 2020, 8, 14228-14233.	6.7	10
84	B-Doped PdRu nanopillar assemblies for enhanced formic acid oxidation electrocatalysis. Nanoscale, 2020, 12, 19159-19164.	5.6	21
85	Binary nonmetal S and P-co-doping into mesoporous PtPd nanocages boosts oxygen reduction electrocatalysis. Nanoscale, 2020, 12, 14863-14869.	5.6	21
86	Three-dimensional Pdâ€“Agâ€“S porous nanosponges for electrocatalytic nitrogen reduction to ammonia. Nanoscale, 2020, 12, 13507-13512.	5.6	49
87	Bimetallic IrAu mesoporous nanovesicles. Chemical Engineering Journal, 2020, 395, 125135.	12.7	7
88	Enhancing hydrogen evolution activity of triangular PtPdCu nanodarts by phosphorus incorporation. Chemical Engineering Journal, 2020, 399, 125810.	12.7	35
89	Anchoring Au nanoparticles on Bi ultrathin nanosheets for use as an efficient heterogeneous catalyst for ambient-condition electrochemical ammonia synthesis. Sustainable Energy and Fuels, 2020, 4, 4516-4521.	4.9	12
90	Hydrophilic/Aerophobic Hydrogen-Evolving Electrode: NiRu-Based Metalâ€“Organic Framework Nanosheets In Situ Grown on Conductive Substrates. ACS Applied Materials & Interfaces, 2020, 12, 34728-34735.	8.0	65

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91	Mesoporous Pt@PtM (M = Co, Ni) cage-bell nanostructures toward methanol electro-oxidation. Nanoscale Advances, 2020, 2, 1084-1089.	4.6	8
92	Transition metal M (M = Co, Ni, and Fe) and boron co-modulation in Rh-based aerogels for highly efficient and pH-universal hydrogen evolution electrocatalysis. Journal of Materials Chemistry A, 2020, 8, 5595-5600.	10.3	30
93	ZIF-derived porous carbon composites coated on NiCo₂S₄ nanotubes array toward efficient water splitting. Nanotechnology, 2020, 31, 195402.	2.6	8
94	One-step synthesis of self-standing porous palladium-ruthenium nanosheet array on Ni foam for ambient electrosynthesis of ammonia. International Journal of Hydrogen Energy, 2020, 45, 5997-6005.	7.1	24
95	In situ electrochemical reduction-assisted exfoliation: conversion of BiOCl nanoplates into Bi nanosheets enables efficient electrocatalytic nitrogen fixation. Sustainable Energy and Fuels, 2020, 4, 3334-3339.	4.9	15
96	A P-doped PtTe mesoporous nanotube electrocatalyst. Sustainable Energy and Fuels, 2020, 4, 2950-2955.	4.9	9
97	Crystalline coreâ€“amorphous shell heterostructures: epitaxial assembly of NiB nanosheets onto PtPd mesoporous hollow nanopolyhedra for enhanced hydrogen evolution electrocatalysis. Journal of Materials Chemistry A, 2020, 8, 8927-8933.	10.3	25
98	Pt@Mesoporous PtRu Yolkâ€“Shell Nanostructured Electrocatalyst for Methanol Oxidation Reaction. ACS Sustainable Chemistry and Engineering, 2019, 7, 14867-14873.	6.7	29
99	All-metallic nanorattles consisting of a Pt core and a mesoporous PtPd shell for enhanced electrocatalysis. Nanotechnology, 2019, 30, 475602.	2.6	4
100	Metalâ€“Nonmetal One-Dimensional Electrocatalyst: AuPdP Nanowires for Ambient Nitrogen Reduction to Ammonia. ACS Sustainable Chemistry and Engineering, 2019, 7, 15772-15777.	6.7	37
101	Hollow PtPd Nanorods with Mesoporous Shells as an Efficient Electrocatalyst for the Methanolâ€Oxidation Reaction. Chemistry - an Asian Journal, 2019, 14, 3019-3024.	3.3	9
102	Interface engineering of Ni5P2 nanoparticles and a mesoporous PtRu film heterostructure on Ni foam for enhanced hydrogen evolution. Nanotechnology, 2019, 30, 485403.	2.6	1
103	A Mesoporous Nanorattleâ€Structured Pd@PtRu Electrocatalyst. Chemistry - an Asian Journal, 2019, 14, 3397-3403.	3.3	4
104	Enhanced Oxygen Reduction and Methanol Oxidation Electrocatalysis over Bifunctional PtPdIr Mesoporous Hollow Nanospheres. Chemistry - an Asian Journal, 2019, 14, 3868-3874.	3.3	15
105	Synergism of Interface and Electronic Effects: Bifunctional Nâ€Doped Ni₃S₂/Nâ€Doped MoS₂ Heteroâ€Nanowires for Efficient Electrocatalytic Overall Water Splitting. Chemistry - A European Journal, 2019, 25, 16074-16080.	3.3	35
106	Facile Construction of IrRh Nanosheet Assemblies As Efficient and Robust Bifunctional Electrocatalysts for Overall Water Splitting. ACS Sustainable Chemistry and Engineering, 2019, 7, 15747-15754.	6.7	31
107	Rational synthesis of Pt-based dandelion-like yolkâ€“shell nanoparticles with enhanced oxygen reduction properties. Sustainable Energy and Fuels, 2019, 3, 3329-3334.	4.9	1
108	One-pot synthesis of bi-metallic PdRu tripods as an efficient catalyst for electrocatalytic nitrogen reduction to ammonia. Journal of Materials Chemistry A, 2019, 7, 801-805.	10.3	136

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109	Metalâ€“nonmetal nanoarchitectures: quaternary PtPdNiP mesoporous nanospheres for enhanced oxygen reduction electrocatalysis. Journal of Materials Chemistry A, 2019, 7, 3910-3916.	10.3	38
110	Ultralong Ternary PtRuTe Mesoporous Nanotubes Fabricated by Micelle Assembly with a Selfâ€Sacrificial Template. Chemistry - A European Journal, 2019, 25, 5316-5321.	3.3	16
111	Trimetallic PdCuIr with long-spined sea-urchin-like morphology for ambient electroreduction of nitrogen to ammonia. Journal of Materials Chemistry A, 2019, 7, 3190-3196.	10.3	45
112	Direct synthesis of superlong Pt|Te mesoporous nanotubes for electrocatalytic oxygen reduction. Journal of Materials Chemistry A, 2019, 7, 1711-1717.	10.3	46
113	Direct fabrication of bimetallic AuPt nanobrick spherical nanoarchitectonics for the oxygen reduction reaction. New Journal of Chemistry, 2019, 43, 9628-9633.	2.8	7
114	Electrocatalytic Nitrogen Reduction to Ammonia by Fe₂O₃ Nanorod Array on Carbon Cloth. ACS Sustainable Chemistry and Engineering, 2019, 7, 11754-11759.	6.7	77
115	Bimetallic Ag₃Cu porous networks for ambient electrolysis of nitrogen to ammonia. Journal of Materials Chemistry A, 2019, 7, 12526-12531.	10.3	67
116	Boosting Electrocatalytic Activities of Pt-Based Mesoporous Nanoparticles for Overall Water Splitting by a Facile Ni, P Co-Incorporation Strategy. ACS Sustainable Chemistry and Engineering, 2019, 7, 9709-9716.	6.7	35
117	PtM (M = Co, Ni) Mesoporous Nanotubes as Bifunctional Electrocatalysts for Oxygen Reduction and Methanol Oxidation. ACS Sustainable Chemistry and Engineering, 2019, 7, 7960-7968.	6.7	58
118	Mesoporous AgPdPt Nanotubes as Electrocatalysts for the Oxygen Reduction Reaction. ACS Applied Nano Materials, 2019, 2, 1876-1882.	5.0	16
119	Ptâ€“Niâ€“P nanocages with surface porosity as efficient bifunctional electrocatalysts for oxygen reduction and methanol oxidation. Journal of Materials Chemistry A, 2019, 7, 9791-9797.	10.3	63
120	Trimetallic PtPdCo mesoporous nanopolyhedra with hollow cavities. Nanoscale, 2019, 11, 4781-4787.	5.6	31
121	Direct fabrication of bi-metallic PdRu nanorod assemblies for electrochemical ammonia synthesis. Nanoscale, 2019, 11, 5499-5505.	5.6	65
122	Boron-doped silver nanosponges with enhanced performance towards electrocatalytic nitrogen reduction to ammonia. Chemical Communications, 2019, 55, 14745-14748.	4.1	59
123	Amorphous Sulfur Decorated Gold Nanowires as Efficient Electrocatalysts toward Ambient Ammonia Synthesis. ACS Sustainable Chemistry and Engineering, 2019, 7, 19969-19974.	6.7	30
124	Ambient Nitrogen Reduction to Ammonia Electrocatalyzed by Bimetallic PdRu Porous Nanostructures. ACS Sustainable Chemistry and Engineering, 2019, 7, 2400-2405.	6.7	94
125	PtPdRh Mesoporous Nanospheres: An Efficient Catalyst for Methanol Electro-Oxidation. Langmuir, 2019, 35, 413-419.	3.5	26
126	Trimetallic PtPdNi-Truncated Octahedral Nanocages with a Well-Defined Mesoporous Surface for Enhanced Oxygen Reduction Electrocatalysis. ACS Applied Materials & Interfaces, 2019, 11, 4252-4257.	8.0	57

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127	Electrochemical Fabrication of Porous Au Film on Ni Foam for Nitrogen Reduction to Ammonia. Small, 2019, 15, e1804769.	10.0	132
128	Tri-metallic PtPdAu mesoporous nanoelectrocatalysts. Nanotechnology, 2018, 29, 255404.	2.6	22
129	Direct fabrication of tri-metallic PtPdCu tripods with branched exteriors for the oxygen reduction reaction. Journal of Materials Chemistry A, 2018, 6, 8662-8668.	10.3	117
130	Direct synthesis of bimetallic PtCo mesoporous nanospheres as efficient bifunctional electrocatalysts for both oxygen reduction reaction and methanol oxidation reaction. Nanotechnology, 2018, 29, 175403.	2.6	27
131	Prussian Blueâ€Derived Iron Phosphide Nanoparticles in a Porous Graphene Aerogel as Efficient Electrocatalyst for Hydrogen Evolution Reaction. Chemistry - an Asian Journal, 2018, 13, 679-685.	3.3	32
132	One-step fabrication of tri-metallic PdCuAu nanothorn assemblies as an efficient catalyst for oxygen reduction reaction. Journal of Materials Chemistry A, 2018, 6, 3642-3648.	10.3	70
133	A platinum oxide decorated amorphous cobalt oxide hydroxide nanosheet array towards alkaline hydrogen evolution. Journal of Materials Chemistry A, 2018, 6, 3864-3868.	10.3	67
134	Ultrafine PtO₂ nanoparticles coupled with a Co(OH)F nanowire array for enhanced hydrogen evolution. Chemical Communications, 2018, 54, 810-813.	4.1	65
135	Low-ruthenium-content NiRu nanoalloys encapsulated in nitrogen-doped carbon as highly efficient and pH-universal electrocatalysts for the hydrogen evolution reaction. Journal of Materials Chemistry A, 2018, 6, 1376-1381.	10.3	163
136	Ultrathin nitrogen-doped graphitized carbon shell encapsulating CoRu bimetallic nanoparticles for enhanced electrocatalytic hydrogen evolution. Nanotechnology, 2018, 29, 225403.	2.6	32
137	One-pot synthesis of bimetallic PdCu nanoframes as an efficient catalyst for the methanol oxidation reaction. New Journal of Chemistry, 2018, 42, 798-801.	2.8	26
138	3D graphene aerogel supported FeNi-P derived from electroactive nickel hexacyanoferrate as efficient oxygen evolution catalyst. Electrochimica Acta, 2018, 292, 107-114.	5.2	30
139	Engineering porosity into trimetallic PtPdNi nanospheres for enhanced electrocatalytic oxygen reduction activity. Green Energy and Environment, 2018, 3, 352-359.	8.7	14
140	A hierarchical CoTe₂â€“MnTe₂ hybrid nanowire array enables high activity for oxygen evolution reactions. Chemical Communications, 2018, 54, 10993-10996.	4.1	125
141	Mesoporous Co₃O₄ Nanobundle Electrocatalysts. Chemistry - an Asian Journal, 2018, 13, 2093-2100.	3.3	5
142	In situ coating of a continuous mesoporous bimetallic PtRu film on Ni foam: a nanoarchitectured self-standing all-metal mesoporous electrode. Journal of Materials Chemistry A, 2018, 6, 12744-12750.	10.3	45
143	Enhanced Dual Fuel Cell Electrocatalysis with Trimetallic PtPdCo Mesoporous Nanoparticles. Chemistry - an Asian Journal, 2018, 13, 2939-2946.	3.3	24
144	Fabrication of Mesoporous Cage-Bell Pt Nanoarchitectonics as Efficient Catalyst for Oxygen Reduction Reaction. ACS Sustainable Chemistry and Engineering, 2018, 6, 11768-11774.	6.7	69

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145	One-step fabrication of bimetallic PtNi mesoporous nanospheres as an efficient catalyst for the oxygen reduction reaction. Nanoscale, 2018, 10, 16087-16093.	5.6	22
146	Trimetallic Au@PtPd Mesoporous Nanorods as Efficient Electrocatalysts for the Oxygen Reduction Reaction. ACS Applied Energy Materials, 2018, 1, 4891-4898.	5.1	24
147	Integrated Mesoporous PtPd Film/Ni Foam: An Efficient Binder-Free Cathode for Znâ€“Air Batteries. ACS Sustainable Chemistry and Engineering, 2018, 6, 12367-12374.	6.7	20
148	Ambient Electrochemical Synthesis of Ammonia from Nitrogen and Water Catalyzed by Flowerâ€Like Gold Microstructures. ChemSusChem, 2018, 11, 3480-3485.	6.8	176
149	Hyperbranched PdRu nanospine assemblies: an efficient electrocatalyst for formic acid oxidation. Journal of Materials Chemistry A, 2018, 6, 17514-17518.	10.3	33
150	An ultrafine platinumâ€“cobalt alloy decorated cobalt nanowire array with superb activity toward alkaline hydrogen evolution. Nanoscale, 2018, 10, 12302-12307.	5.6	199
151	One-pot synthesis of PtIr tripods with a dendritic surface as an efficient catalyst for the oxygen reduction reaction. Journal of Materials Chemistry A, 2017, 5, 9107-9112.	10.3	58
152	A Threeâ€Dimensionally Structured Electrocatalyst: Cobaltâ€Embedded Nitrogenâ€Doped Carbon Nanotubes/Nitrogenâ€Doped Reduced Graphene Oxide Hybrid for Efficient Oxygen Reduction. Chemistry - A European Journal, 2017, 23, 637-643.	3.3	50
153	One-pot synthesis of PtRu nanodendrites as efficient catalysts for methanol oxidation reaction. Nanoscale, 2017, 9, 1033-1039.	5.6	163
154	Rational one-step synthesis of porous PtPdRu nanodendrites for ethanol oxidation reaction with a superior tolerance for CO-poisoning. Nanoscale, 2017, 9, 18881-18889.	5.6	73
155	Hydrogen gas-assisted synthesis of worm-like PtMo wavy nanowires as efficient catalysts for the methanol oxidation reaction. Journal of Materials Chemistry A, 2016, 4, 10508-10513.	10.3	61
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157	Facile Synthesis of Porous Dendritic Bimetallic Platinumâ€“Nickel Nanocrystals as Efficient Catalysts for the Oxygen Reduction Reaction. Chemistry - an Asian Journal, 2016, 11, 1388-1393.	3.3	50
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