

Xiaonian Li

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

125
papers

3,387
citations

32
h-index

53
g-index

133
ext. papers

4,533
ext. citations

8.7
avg, IF

5.8
L-index

#	Paper	IF	Citations
125	A phosphorus modified mesoporous AuRh film as an efficient bifunctional electrocatalyst for urea-assisted energy-saving hydrogen production. <i>Journal of Materials Chemistry A</i> , 2022 , 10, 3086-3092 ¹³		0
124	Liquid Metal Interfacial Growth and Exfoliation to Form Mesoporous Metallic Nanosheets for Alkaline Methanol Electroreforming.. <i>ACS Nano</i> , 2022 ,	16.7	3
123	Surface Engineering of Defective and Porous Ir Metallene with Polyallylamine for Hydrogen Evolution Electrocatalysis.. <i>Advanced Materials</i> , 2022 , e2110680	24	17
122	Phosphorus incorporation accelerates ammonia electrosynthesis over a mesoporous Au film.. <i>Chemical Communications</i> , 2022 , 58, 6088-6091	5.8	2
121	Reversing sintering effect of Ni particles on EMoN via strong metal support interaction. <i>Nature Communications</i> , 2021 , 12, 6978	17.4	5
120	Recent Investigation on Epoxidation of Styrene with Hydrogen Peroxide by Heterogeneous Catalysis. <i>ChemistrySelect</i> , 2021 , 6, 9735-9768	1.8	0
119	Two-Dimensional Heterojunction Electrocatalyst: Au-BiTe Nanosheets for Electrochemical Ammonia Synthesis. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 47458-47464	9.5	4
118	Defect-Rich Porous Palladium Metallene for Enhanced Alkaline Oxygen Reduction Electrocatalysis. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 12027-12031	16.4	58
117	Defect-Rich Porous Palladium Metallene for Enhanced Alkaline Oxygen Reduction Electrocatalysis. <i>Angewandte Chemie</i> , 2021 , 133, 12134-12138	3.6	11
116	Engineering One-Dimensional AuPd Nanospikes for Efficient Electrocatalytic Nitrogen Fixation. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 20233-20239	9.5	4
115	Ternary AuPS Alloy Mesoporous Film for Efficient Electroreduction of Nitrogen to Ammonia. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 28057-28063	9.5	2
114	Mesoporous Bimetallic Au@Rh Core-Shell Nanowires as Efficient Electrocatalysts for pH-Universal Hydrogen Evolution. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 30479-30485	9.5	11
113	Excellent photocatalytic performance of hydrogenated dark purple Ag/TiO ₂ catalyst. <i>Journal of Chemical Technology and Biotechnology</i> , 2021 , 96, 2775-2781	3.5	1
112	An azine-based polymer derived hierarchically porous N-doped carbon for hydrophilic dyes removal. <i>Journal of Hazardous Materials</i> , 2021 , 413, 125299	12.8	9
111	Symmetry Breaking in Monometallic Nanocrystals toward Broadband and Direct Electron Transfer Enhanced Plasmonic Photocatalysis. <i>Advanced Functional Materials</i> , 2021 , 31, 2006738	15.6	3
110	Tannic acid decorated AuPd lavender-like nanochains for enhanced oxygen reduction electrocatalysis. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 15678-15683	13	2
109	Mesoporous Rh nanotubes for efficient electro-oxidation of methanol. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 4744-4750	13	8

108	Flexible synthesis of Au@Pd core-shell mesoporous nanoflowers for efficient methanol oxidation. <i>Nanoscale</i> , 2021 , 13, 3208-3213	7.7	6
107	Construction of hierarchical IrTe nanotubes with assembled nanosheets for overall water splitting electrocatalysis. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 18576-18581	13	4
106	Atomic defects in pothole-rich two-dimensional copper nanoplates triggering enhanced electrocatalytic selective nitrate-to-ammonia transformation. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 16411-16417	13	18
105	Anodic hydrazine oxidation assisted hydrogen evolution over bimetallic RhIr mesoporous nanospheres. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 18323-18328	13	5
104	Rational construction of Au ₃ Cu@Cu nanocages with porous core-shell heterostructured walls for enhanced electrocatalytic N ₂ fixation. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 8372-8377	13	7
103	Bimetallic mesoporous RhRu film for electrocatalytic nitrogen reduction to ammonia. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 4276-4281	6.8	0
102	Formation Mechanism of the Co ₂ C Nanoprisms Studied with the CoCe System in the Fischer-Tropsch to Olefin Reaction. <i>ACS Catalysis</i> , 2021 , 11, 2746-2753	13.1	2
101	Mesoporous PdRu Nanocrystals for Oxygen Reduction Electrocatalysis. <i>Energy & Fuels</i> , 2021 , 35, 13382-13388	4.1	0
100	Synergism of Interfaces and Defects: Cu/Oxygen Vacancy-Rich Cu-MnO Heterostructured Ultrathin Nanosheet Arrays for Selective Nitrate Electroreduction to Ammonia. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 44733-44741	9.5	5
99	PdNi/Ni Nanotubes Assembled by Mesoporous Nanoparticles for Efficient Alkaline Ethanol Oxidation Reaction. <i>Chemistry - A European Journal</i> , 2021 , 27, 14472-14477	4.8	3
98	Regulation of the surface micro-structure and crystal phase of Pd ₂ B mesoporous nanoparticles for enhanced hydrogen evolution electrocatalysis. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 21123-21131	13	6
97	Phosphorus-modified ruthenium-beryllium dendritic nanotubes outperform platinum for alkaline hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 5026-5032	13	4
96	Cooperativity of Cu and Pd active sites in CuPd aerogels enhances nitrate electroreduction to ammonia. <i>Chemical Communications</i> , 2021 , 57, 7525-7528	5.8	18
95	Three-dimensional Pd-Ag-S porous nanospheres for electrocatalytic nitrogen reduction to ammonia. <i>Nanoscale</i> , 2020 , 12, 13507-13512	7.7	32
94	In Situ Hydrogen Peroxide Production for Selective Oxidation of Benzyl Alcohol over a Pd@Hierarchical Titanium Silicalite Catalyst. <i>ACS Omega</i> , 2020 , 5, 16865-16874	3.9	8
93	Anchoring Au nanoparticles on Bi ultrathin nanosheets for use as an efficient heterogeneous catalyst for ambient-condition electrochemical ammonia synthesis. <i>Sustainable Energy and Fuels</i> , 2020 , 4, 4516-4521	5.8	5
92	Hydrophilic/Aerophobic Hydrogen-Evolving Electrode: NiRu-Based Metal-Organic Framework Nanosheets In Situ Grown on Conductive Substrates. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 34728-34735	9.5	23
91	Effects of alkali metal promoters on the structure-performance relationship of CoMn catalysts for Fischer-Tropsch synthesis. <i>Catalysis Science and Technology</i> , 2020 , 10, 1816-1826	5.5	12

90	Imaging Beam-Sensitive Materials by Electron Microscopy. <i>Advanced Materials</i> , 2020 , 32, e1907619	24	42
89	Mesoporous Pt@PtM (M = Co, Ni) cage-bell nanostructures toward methanol electro-oxidation. <i>Nanoscale Advances</i> , 2020 , 2, 1084-1089	5.1	3
88	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. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 5595-5600	13	17
87	In situ electrochemical reduction-assisted exfoliation: conversion of BiOCl nanoplates into Bi nanosheets enables efficient electrocatalytic nitrogen fixation. <i>Sustainable Energy and Fuels</i> , 2020 , 4, 3334-3339	5.8	11
86	A P-doped PtTe mesoporous nanotube electrocatalyst. <i>Sustainable Energy and Fuels</i> , 2020 , 4, 2950-2955	5.8	6
85	Crystalline core/morphous shell heterostructures: epitaxial assembly of NiB nanosheets onto PtPd mesoporous hollow nanopolyhedra for enhanced hydrogen evolution electrocatalysis. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 8927-8933	13	12
84	Ir-Doped Ni-based metal-organic framework ultrathin nanosheets on Ni foam for enhanced urea electro-oxidation. <i>Chemical Communications</i> , 2020 , 56, 2151-2154	5.8	53
83	A quaternary metal/metalloid/nonmetal electrocatalyst: B, P-co-doping into PdRu nanospine assemblies boosts the electrocatalytic capability toward formic acid oxidation. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 2424-2429	13	19
82	Mesoporous AuPd Film on Ni Foam: A Self-Supported Electrocatalyst for Efficient Synthesis of Ammonia. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 436-442	9.5	41
81	Boron-Doped PdCuAu Nanospine Assembly as an Efficient Electrocatalyst toward Formic Acid Oxidation. <i>Chemistry - A European Journal</i> , 2020 , 26, 2493-2498	4.8	9
80	An interconnected porous Au ₃ Pt film on Ni foam: an efficient electrocatalyst for alkaline hydrogen evolution reaction. <i>Sustainable Energy and Fuels</i> , 2020 , 4, 4878-4883	5.8	0
79	Pore-Size-Tuned Pd Films Grown on Ni Foam as an Advanced Catalyst for Electrosynthesis of Ammonia. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 11827-11833	8.3	5
78	Two-Dimensional NiIr@N-Doped Carbon Nanocomposites Supported on Ni Foam for Electrocatalytic Overall Water Splitting. <i>Chemistry - A European Journal</i> , 2020 , 26, 14496-14501	4.8	3
77	Phosphorus-triggered modification of the electronic structure and surface properties of Pd ₄ S nanowires for robust hydrogen evolution electrocatalysis. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 19873-19878	7.3	75
76	Multinary PtPdNiP truncated octahedral mesoporous nanocages for enhanced methanol oxidation electrocatalysis. <i>New Journal of Chemistry</i> , 2020 , 44, 15492-15497	3.6	2
75	A mesoporous Au film with surface sulfur modification for efficient ammonia electrosynthesis. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 20414-20419	13	27
74	Palladium Nanothorn Assembly Array for Efficient Electroreduction of Nitrogen to Ammonia. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 14228-14233	8.3	4
73	B-Doped PdRu nanopillar assemblies for enhanced formic acid oxidation electrocatalysis. <i>Nanoscale</i> , 2020 , 12, 19159-19164	7.7	11

72	Mesoscale modeling of the crystallization parameters identification during the iron-based catalyst preparation process: the dilute concentration case. <i>Applicable Analysis</i> , 2020 , 99, 2191-2209	0.8	
71	Facile Construction of IrRh Nanosheet Assemblies As Efficient and Robust Bifunctional Electrocatalysts for Overall Water Splitting. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 15747-15754	8.2	19
70	Rational synthesis of Pt-based dandelion-like yolk-shell nanoparticles with enhanced oxygen reduction properties. <i>Sustainable Energy and Fuels</i> , 2019 , 3, 3329-3334	5.8	1
69	Defect engineering of nickel hydroxide nanosheets by Ostwald ripening for enhanced selective electrocatalytic alcohol oxidation. <i>Green Chemistry</i> , 2019 , 21, 578-588	10	29
68	One-pot synthesis of bi-metallic PdRu tripods as an efficient catalyst for electrocatalytic nitrogen reduction to ammonia. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 801-805	13	106
67	Metal-on-metal nanoarchitectures: quaternary PtPdNiP mesoporous nanospheres for enhanced oxygen reduction electrocatalysis. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 3910-3916	13	33
66	Ultralong Ternary PtRuTe Mesoporous Nanotubes Fabricated by Micelle Assembly with a Self-Sacrificial Template. <i>Chemistry - A European Journal</i> , 2019 , 25, 5316-5321	4.8	12
65	Trimetallic PdCuIr with long-spined sea-urchin-like morphology for ambient electroreduction of nitrogen to ammonia. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 3190-3196	13	34
64	Direct synthesis of superlong PtTe mesoporous nanotubes for electrocatalytic oxygen reduction. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 1711-1717	13	36
63	Direct fabrication of bimetallic AuPt nanobrick spherical nanoarchitectonics for the oxygen reduction reaction. <i>New Journal of Chemistry</i> , 2019 , 43, 9628-9633	3.6	4
62	Electrocatalytic Nitrogen Reduction to Ammonia by Fe ₂ O ₃ Nanorod Array on Carbon Cloth. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 11754-11759	8.3	41
61	Highly efficient hydrogen peroxide direct synthesis over a hierarchical TS-1 encapsulated subnano Pd/PdO hybrid.. <i>RSC Advances</i> , 2019 , 9, 13398-13402	3.7	4
60	In Situ Incorporation of Diamino Silane Group into Waterborne Polyurethane for Enhancing Surface Hydrophobicity of Coating. <i>Molecules</i> , 2019 , 24,	4.8	14
59	Bimetallic Ag ₃ Cu porous networks for ambient electrolysis of nitrogen to ammonia. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 12526-12531	13	44
58	Green Photocatalytic Oxidation of Benzyl Alcohol over Noble-Metal-Modified H ₂ Ti ₃ O ₇ Nanowires. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 9717-9726	8.3	31
57	Boosting Electrocatalytic Activities of Pt-Based Mesoporous Nanoparticles for Overall Water Splitting by a Facile Ni, P Co-Incorporation Strategy. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 9709-9716	8.3	17
56	PtM (M = Co, Ni) Mesoporous Nanotubes as Bifunctional Electrocatalysts for Oxygen Reduction and Methanol Oxidation. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 7960-7968	8.3	37
55	A Comprehensive Study on the Reductive Amination of 5-Hydroxymethylfurfural into 2,5-Bisaminomethylfuran over Raney Ni Through DFT Calculations. <i>ChemCatChem</i> , 2019 , 11, 2649-2656	5.2	21

54	PtNiB nanocages with surface porosity as efficient bifunctional electrocatalysts for oxygen reduction and methanol oxidation. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 9791-9797	13	44
53	Biomass Valorization via Paired Electrosynthesis Over Vanadium Nitride-Based Electrocatalysts. <i>Advanced Functional Materials</i> , 2019 , 29, 1904780	15.6	49
52	 PtRu YolkShell Nanostructured Electrocatalyst for Methanol Oxidation Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 14867-14873	8.3	19
51	MetalNonmetal One-Dimensional Electrocatalyst: AuPdP Nanowires for Ambient Nitrogen Reduction to Ammonia. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 15772-15777	8.3	29
50	Hollow PtPd Nanorods with Mesoporous Shells as an Efficient Electrocatalyst for the Methanol-Oxidation Reaction. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 3019-3024	4.5	7
49	Optimizing Alkyne Hydrogenation Performance of Pd on Carbon in Situ Decorated with Oxygen-Deficient TiO ₂ by Integrating the Reaction and Diffusion. <i>ACS Catalysis</i> , 2019 , 9, 10656-10667	13.1	24
48	A Mesoporous Nanorattle-Structured Pd@PtRu Electrocatalyst. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 3397-3403	4.5	3
47	Enhanced Oxygen Reduction and Methanol Oxidation Electrocatalysis over Bifunctional PtPdIr Mesoporous Hollow Nanospheres. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 3868-3874	4.5	4
46	Synergism of Interface and Electronic Effects: Bifunctional N-Doped Ni S /N-Doped MoS Hetero-Nanowires for Efficient Electrocatalytic Overall Water Splitting. <i>Chemistry - A European Journal</i> , 2019 , 25, 16074	4.8	21
45	Novel metallic electrically heated monolithic catalysts towards VOC combustion. <i>Catalysis Science and Technology</i> , 2019 , 9, 6638-6646	5.5	8
44	Ambient Nitrogen Reduction to Ammonia Electrocatalyzed by Bimetallic PdRu Porous Nanostructures. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 2400-2405	8.3	65
43	PtPdRh Mesoporous Nanospheres: An Efficient Catalyst for Methanol Electro-Oxidation. <i>Langmuir</i> , 2019 , 35, 413-419	4	19
42	Trimetallic PtPdNi-Truncated Octahedral Nanocages with a Well-Defined Mesoporous Surface for Enhanced Oxygen Reduction Electrocatalysis. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 4252-4257	9.5	48
41	Electrocatalytic Upgrading of Lignin-Derived Bio-Oil Based on Surface-Engineered PtNiB Nanostructure. <i>Advanced Functional Materials</i> , 2019 , 29, 1807651	15.6	41
40	Electrochemical Fabrication of Porous Au Film on Ni Foam for Nitrogen Reduction to Ammonia. <i>Small</i> , 2019 , 15, e1804769	11	109
39	Tri-metallic PtPdAu mesoporous nanoelectrocatalysts. <i>Nanotechnology</i> , 2018 , 29, 255404	3.4	19
38	Direct fabrication of tri-metallic PtPdCu tripods with branched exteriors for the oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 8662-8668	13	96
37	Prussian Blue-Derived Iron Phosphide Nanoparticles in a Porous Graphene Aerogel as Efficient Electrocatalyst for Hydrogen Evolution Reaction. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 679-685	4.5	28

36	One-step fabrication of tri-metallic PdCuAu nanothorn assemblies as an efficient catalyst for oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 3642-3648	13	61
35	A platinum oxide decorated amorphous cobalt oxide hydroxide nanosheet array towards alkaline hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 3864-3868	13	51
34	Oxygen vacancies on TiO ₂ promoted the activity and stability of supported Pd nanoparticles for the oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 2264-2272	13	110
33	Low-ruthenium-content NiRu nanoalloys encapsulated in nitrogen-doped carbon as highly efficient and pH-universal electrocatalysts for the hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 1376-1381	13	129
32	Enhanced Dual Fuel Cell Electrocatalysis with Trimetallic PtPdCo Mesoporous Nanoparticles. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 2939-2946	4.5	17
31	Fabrication of Mesoporous Cage-Bell Pt Nanoarchitectonics as Efficient Catalyst for Oxygen Reduction Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 11768-11774	8.3	53
30	One-step fabrication of bimetallic PtNi mesoporous nanospheres as an efficient catalyst for the oxygen reduction reaction. <i>Nanoscale</i> , 2018 , 10, 16087-16093	7.7	13
29	Integrated Mesoporous PtPd Film/Ni Foam: An Efficient Binder-Free Cathode for Zn/Air Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 12367-12374	8.3	15
28	Ambient Electrochemical Synthesis of Ammonia from Nitrogen and Water Catalyzed by Flower-Like Gold Microstructures. <i>ChemSusChem</i> , 2018 , 11, 3480-3485	8.3	139
27	Hyperbranched PdRu nanospine assemblies: an efficient electrocatalyst for formic acid oxidation. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 17514-17518	13	24
26	One-pot synthesis of bimetallic PdCu nanoframes as an efficient catalyst for the methanol oxidation reaction. <i>New Journal of Chemistry</i> , 2018 , 42, 798-801	3.6	16
25	Mesoporous Co O Nanobundle Electrocatalysts. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 2093	4.5	4
24	In situ coating of a continuous mesoporous bimetallic PtRu film on Ni foam: a nanoarchitected self-standing all-metal mesoporous electrode. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 12744-12750	13	40
23	Double Nanoporous Structure with Nanoporous PtFe Embedded in Graphene Nanopores: Highly Efficient Bifunctional Electrocatalysts for Hydrogen Evolution and Oxygen Reduction. <i>Advanced Materials Interfaces</i> , 2017 , 4, 1601029	4.6	27
22	Hierarchical Porous NC@CuCo Nitride Nanosheet Networks: Highly Efficient Bifunctional Electrocatalyst for Overall Water Splitting and Selective Electrooxidation of Benzyl Alcohol. <i>Advanced Functional Materials</i> , 2017 , 27, 1704169	15.6	160
21	Tuning the confinement space of N-carbon shell-coated ruthenium nanoparticles: highly efficient electrocatalysts for hydrogen evolution reaction. <i>Catalysis Science and Technology</i> , 2017 , 7, 4964-4970	5.5	30
20	Switchable synthesis of furfurylamine and tetrahydrofurfurylamine from furfuryl alcohol over RANEY nickel. <i>Catalysis Science and Technology</i> , 2017 , 7, 4129-4135	5.5	31
19	Mo Doping Induced More Active Sites in Urchin-Like W ₁₈ O ₄₉ Nanostructure with Remarkably Enhanced Performance for Hydrogen Evolution Reaction. <i>Advanced Functional Materials</i> , 2016 , 26, 5778-5786	15.6	129

18	Integrating cobalt phosphide and cobalt nitride-embedded nitrogen-rich nanocarbons: high-performance bifunctional electrocatalysts for oxygen reduction and evolution. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 10575-10584	13	127
17	Nitrogen-doped carbon species: a promising nonmetallic promoter for the Co/SiO ₂ Fischer-Tropsch synthesis catalyst. <i>Catalysis Science and Technology</i> , 2016 , 6, 2188-2194	5.5	21
16	The application of heterogeneous visible light photocatalysts in organic synthesis. <i>Catalysis Science and Technology</i> , 2016 , 6, 349-362	5.5	156
15	Twin-like ternary PtCoFe alloy in nitrogen-doped graphene nanopores as a highly effective electrocatalyst for oxygen reduction. <i>Catalysis Science and Technology</i> , 2016 , 6, 5942-5948	5.5	13
14	Effect of SiO ₂ /Al ₂ O ₃ ratio on the activities of CoRu/ZSM-5 Fischer-Tropsch synthesis catalysts. <i>Catalysis Science and Technology</i> , 2015 , 5, 2821-2828	5.5	20
13	Visible light photoredox catalysis: regioselective radical addition of aminoalkyl radicals to 2,3-allenoates. <i>RSC Advances</i> , 2015 , 5, 55290-55294	3.7	26
12	Activated-Carbon-Supported Gold-Cesium(I) as Highly Effective Catalysts for Hydrochlorination of Acetylene to Vinyl Chloride. <i>ChemPlusChem</i> , 2015 , 80, 196-201	2.8	65
11	Synergistic Effect of Nitrogen in Cobalt Nitride and Nitrogen-Doped Hollow Carbon Spheres for the Oxygen Reduction Reaction. <i>ChemCatChem</i> , 2015 , 7, 1826-1832	5.2	59
10	In Situ Fabrication of PtCo Alloy Embedded in Nitrogen-Doped Graphene Nanopores as Synergistic Catalyst for Oxygen Reduction Reaction. <i>Advanced Materials Interfaces</i> , 2015 , 2, 1500365	4.6	21
9	A radar-like iron based nanohybrid as an efficient and stable electrocatalyst for oxygen reduction. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 6703-6707	13	16
8	Pyridyne cycloaddition of graphene: External active sites for oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 897-901	13	30
7	Density functional theory study of p-chloroaniline adsorption on Pd surfaces and clusters. <i>International Journal of Quantum Chemistry</i> , 2014 , 114, 895-899	2.1	6
6	N-heterocyclic carbene catalyzed direct carbonylation of dimethylamine. <i>Chemical Communications</i> , 2011 , 47, 7860-2	5.8	16
5	Effect of cation-oligomer interactions on the size and reducibility of NiO particles on NiRu/SiO ₂ catalysts. <i>Journal of Materials Chemistry</i> , 2011 , 21, 17403		19
4	Research on the Synthesis of Aromatic Hydrazone in Ionic Liquids. <i>Synthetic Communications</i> , 2011 , 41, 3223-3227	1.7	4
3	Synthesis of 1,4-Dihydropyridines Using Ce(SO ₄) ₂ -SiO ₂ as Catalyst under Solvent-free Conditions. <i>Chinese Journal of Chemistry</i> , 2010 , 28, 483-486	4.9	10
2	Polyethylenimine-modified bimetallic Au@Rh core-shell mesoporous nanospheres surpass Pt for pH-universal hydrogen evolution electrocatalysis. <i>Journal of Materials Chemistry A</i> ,	13	9
1	In Situ Reconstruction of Partially Hydroxylated Porous Rh Metallene for Ethylene Glycol-Assisted Seawater Splitting. <i>Advanced Functional Materials</i> , 2201081	15.6	6

