

Haoquan Zheng

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.

67

papers

3,695

citations

31

h-index

60

g-index

73

ext. papers

4,598

ext. citations

10

avg. IF

5.89

L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 67 | Metal-Organic-Framework-Supported Molecular Electrocatalysis for the Oxygen Reduction Reaction. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 8472-8476 | 16.4 | 51 |
| 66 | Metal-Organic-Framework-Supported Molecular Electrocatalysis for the Oxygen Reduction Reaction. <i>Angewandte Chemie</i> , 2021 , 133, 8553-8557 | 3.6 | 6 |
| 65 | High-Throughput Electron Diffraction Reveals a Hidden Novel Metal-Organic Framework for Electrocatalysis. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 11391-11397 | 16.4 | 9 |
| 64 | Highly Curved Nanostructure-Coated Co, N-Doped Carbon Materials for Oxygen Electrocatalysis. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 12759-12764 | 16.4 | 42 |
| 63 | Highly Curved Nanostructure-Coated Co, N-Doped Carbon Materials for Oxygen Electrocatalysis. <i>Angewandte Chemie</i> , 2021 , 133, 12869-12874 | 3.6 | 8 |
| 62 | High-Throughput Electron Diffraction Reveals a Hidden Novel Metal-Organic Framework for Electrocatalysis. <i>Angewandte Chemie</i> , 2021 , 133, 11492-11498 | 3.6 | 0 |
| 61 | Anion engineering of hierarchical Co-A (Al, D, Se, P) hexagrams for efficient electrocatalytic oxygen evolution reaction. <i>Chinese Chemical Letters</i> , 2021 , 32, 3241-3241 | 8.1 | 0 |
| 60 | Inherent mass transfer engineering of a Co, N co-doped carbon material towards oxygen reduction reaction. <i>Journal of Energy Chemistry</i> , 2021 , 58, 391-396 | 12 | 2 |
| 59 | Riveting the atomically distributed lithiophilic centers in the CNT-reinforced interfacial layer: an ultrathin, light-weight deposition substrate toward superior Li utilization. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 21281-21290 | 13 | 1 |
| 58 | Porphyrin-based frameworks for oxygen electrocatalysis and catalytic reduction of carbon dioxide. <i>Chemical Society Reviews</i> , 2021 , 50, 2540-2581 | 58.5 | 85 |
| 57 | Cobalt porphyrins supported on carbon nanotubes as model catalysts of metal-N ₄ /C sites for oxygen electrocatalysis. <i>Journal of Energy Chemistry</i> , 2021 , 53, 77-81 | 12 | 46 |
| 56 | Substituent position effect of Co porphyrin on oxygen electrocatalysis. <i>Chinese Chemical Letters</i> , 2021 , 32, 2841-2841 | 8.1 | 8 |
| 55 | O-D bond formation mechanisms during the oxygen evolution reaction over synthetic molecular catalysts. <i>Chinese Journal of Catalysis</i> , 2021 , 42, 1253-1268 | 11.3 | 30 |
| 54 | Bioinspired N ₄ -metallomacrocycles for electrocatalytic oxygen reduction reaction. <i>Coordination Chemistry Reviews</i> , 2021 , 442, 213996 | 23.2 | 15 |
| 53 | On the completeness of three-dimensional electron diffraction data for structural analysis of metal-organic frameworks. <i>Faraday Discussions</i> , 2021 , 231, 66-80 | 3.6 | 4 |
| 52 | Space-confined construction of two-dimensional nitrogen-doped carbon with encapsulated bimetallic nanoparticles as oxygen electrocatalysts. <i>Chemical Communications</i> , 2021 , 57, 8190-8193 | 5.8 | 4 |
| 51 | Recent advances in Co-based electrocatalysts for the oxygen reduction reaction. <i>Sustainable Energy and Fuels</i> , 2020 , 4, 3848-3870 | 5.8 | 20 |

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| 50 | A yolk-shell structured metal-organic framework with encapsulated iron-porphyrin and its derived bimetallic nitrogen-doped porous carbon for an efficient oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 9536-9544 | 13 | 45 |
| 49 | Amino Acid-Functionalized Two-Dimensional Hollow Cobalt Sulfide Nanoleaves for the Highly Selective Enrichment of N-Linked Glycopeptides. <i>Analytical Chemistry</i> , 2020 , 92, 2151-2158 | 7.8 | 22 |
| 48 | A metal-organic framework based inner ear delivery system for the treatment of noise-induced hearing loss. <i>Nanoscale</i> , 2020 , 12, 16359-16365 | 7.7 | 13 |
| 47 | Synthesis and Crystal-Phase Engineering of Mesoporous Palladium-Boron Alloy Nanoparticles. <i>ACS Central Science</i> , 2020 , 6, 2347-2353 | 16.8 | 17 |
| 46 | The Immobilization of Pd(II) on Porous Organic Polymers for Semihydrogenation of Terminal Alkynes. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 51428-51436 | 9.5 | 6 |
| 45 | A Porphyrinic Zirconium Metal-Organic Framework for Oxygen Reduction Reaction: Tailoring the Spacing between Active-Sites through Chain-Based Inorganic Building Units. <i>Journal of the American Chemical Society</i> , 2020 , 142, 15386-15395 | 16.4 | 65 |
| 44 | Recent Progress on Defect-rich Transition Metal Oxides and Their Energy-Related Applications. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 3717-3736 | 4.5 | 15 |
| 43 | Importance of Electrocatalyst Morphology for the Oxygen Reduction Reaction. <i>ChemElectroChem</i> , 2019 , 6, 2600-2614 | 4.3 | 28 |
| 42 | Structure Effects of Metal Corroles on Energy-Related Small Molecule Activation Reactions. <i>ACS Catalysis</i> , 2019 , 9, 4320-4344 | 13.1 | 84 |
| 41 | Ultra-thin Co-Fe Layered Double Hydroxide Hollow Nanocubes for Efficient Electrocatalytic Water Oxidation. <i>ChemPhysChem</i> , 2019 , 20, 2964-2967 | 3.2 | 13 |
| 40 | 2D Metal-Organic Framework Derived CuCo Alloy Nanoparticles Encapsulated by Nitrogen-Doped Carbonaceous Nanoleaves for Efficient Bifunctional Oxygen Electrocatalyst and Zinc-Air Batteries. <i>Chemistry - A European Journal</i> , 2019 , 25, 12780-12788 | 4.8 | 27 |
| 39 | A two-dimensional multi-shelled metal-organic framework and its derived bimetallic N-doped porous carbon for electrocatalytic oxygen reduction. <i>Chemical Communications</i> , 2019 , 55, 14805-14808 | 5.8 | 23 |
| 38 | Hierarchical Zn-Doped CoO Nanoflowers for Electrocatalytic Oxygen Evolution Reaction. <i>ChemCatChem</i> , 2019 , 11, 1480-1486 | 5.2 | 15 |
| 37 | Dual Tuning of Ultrathin Co(OH)_2 Nanosheets by Solvent Engineering and Coordination Competition for Efficient Oxygen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 3527-3533 | 8.3 | 34 |
| 36 | Hollow Bimetallic Zinc Cobalt Phosphosulfides for Efficient Overall Water Splitting. <i>Chemistry - A European Journal</i> , 2019 , 25, 621-626 | 4.8 | 9 |
| 35 | Novel insight into the epitaxial growth mechanism of six-fold symmetrical $\text{Co(OH)}_2/\text{Co(OH)F}$ hierarchical hexagrams and their water oxidation activity. <i>Electrochimica Acta</i> , 2018 , 271, 526-536 | 6.7 | 29 |
| 34 | Hollow Mesoporous Silica@Metal-Organic Framework and Applications for pH-Responsive Drug Delivery. <i>ChemMedChem</i> , 2018 , 13, 400-405 | 3.7 | 41 |
| 33 | Synthesis of ultrathin platinum nanoplates for enhanced oxygen reduction activity. <i>Chemical Science</i> , 2018 , 9, 398-404 | 9.4 | 63 |

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| 32 | Aqueous Synthesis of Ultrathin Platinum/Non-Noble Metal Alloy Nanowires for Enhanced Hydrogen Evolution Activity. <i>Angewandte Chemie</i> , 2018 , 130, 11852-11856 | 3.6 | 39 |
| 31 | Aqueous Synthesis of Ultrathin Platinum/Non-Noble Metal Alloy Nanowires for Enhanced Hydrogen Evolution Activity. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 11678-11682 | 16.4 | 93 |
| 30 | Quasi-single-crystalline CoO hexagrams with abundant defects for highly efficient electrocatalytic water oxidation. <i>Chemical Science</i> , 2018 , 9, 6961-6968 | 9.4 | 46 |
| 29 | Cobalt-Nitrogen-Doped Helical Carbonaceous Nanotubes as a Class of Efficient Electrocatalysts for the Oxygen Reduction Reaction. <i>Angewandte Chemie</i> , 2018 , 130, 13371-13375 | 3.6 | 15 |
| 28 | Cobalt-Nitrogen-Doped Helical Carbonaceous Nanotubes as a Class of Efficient Electrocatalysts for the Oxygen Reduction Reaction. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 13187-13191 | 16.4 | 84 |
| 27 | PVP-assisted transformation of a metal-organic framework into Co-embedded N-enriched meso/microporous carbon materials as bifunctional electrocatalysts. <i>Chemical Communications</i> , 2018 , 54, 7519-7522 | 5.8 | 112 |
| 26 | Ultrathin PtAg Alloy Nanotubes with Regular Nanopores for Enhanced Electrocatalytic Activity. <i>Chemistry of Materials</i> , 2018 , 30, 7744-7751 | 9.6 | 19 |
| 25 | Hollow Mesoporous Silica@Zeolitic Imidazolate Framework Capsules and Their Applications for Gentamicin Delivery. <i>Neural Plasticity</i> , 2018 , 2018, 2160854 | 3.3 | 5 |
| 24 | A protein@metal-organic framework nanocomposite for pH-triggered anticancer drug delivery. <i>Dalton Transactions</i> , 2018 , 47, 10223-10228 | 4.3 | 61 |
| 23 | Design of a Pd(0)-CalB CLEA Biohybrid Catalyst and Its Application in a One-Pot Cascade Reaction. <i>ACS Catalysis</i> , 2017 , 7, 1601-1605 | 13.1 | 43 |
| 22 | Ultrafine Co-based Nanoparticle@Mesoporous Carbon Nanospheres toward High-Performance Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 1746-1758 | 9.5 | 56 |
| 21 | A Fast and Scalable Approach for Synthesis of Hierarchical Porous Zeolitic Imidazolate Frameworks and One-Pot Encapsulation of Target Molecules. <i>Inorganic Chemistry</i> , 2017 , 56, 9139-9146 | 5.1 | 92 |
| 20 | PdNi nanoparticles supported on reduced graphene oxides as catalysts for hydrogen generation from hydrazine. <i>RSC Advances</i> , 2017 , 7, 32310-32315 | 3.7 | 16 |
| 19 | Hierarchical Co(OH)F Superstructure Built by Low-Dimensional Substructures for Electrocatalytic Water Oxidation. <i>Advanced Materials</i> , 2017 , 29, 1700286 | 24 | 167 |
| 18 | Explaining the Size Dependence in Platinum-Nanoparticle-Catalyzed Hydrogenation Reactions. <i>Angewandte Chemie</i> , 2016 , 128, 15885-15890 | 3.6 | 34 |
| 17 | Explaining the Size Dependence in Platinum-Nanoparticle-Catalyzed Hydrogenation Reactions. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 15656-15661 | 16.4 | 156 |
| 16 | A facile synthesis of Fe ₃ C@mesoporous carbon nitride nanospheres with superior electrocatalytic activity. <i>Nanoscale</i> , 2016 , 8, 5441-5 | 7.7 | 47 |
| 15 | One-pot Synthesis of Metal-Organic Frameworks with Encapsulated Target Molecules and Their Applications for Controlled Drug Delivery. <i>Journal of the American Chemical Society</i> , 2016 , 138, 962-8 | 16.4 | 809 |

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| 14 | Application of Pd Nanoparticles Supported on Mesoporous Hollow Silica Nanospheres for the Efficient and Selective Semihydrogenation of Alkynes. <i>ChemCatChem</i> , 2016 , 8, 773-778 | 5.2 | 26 |
| 13 | Unconventional structural and morphological transitions of nanosheets, nanoflakes and nanorods of AuNP@MnO ₂ . <i>Journal of Materials Chemistry A</i> , 2016 , 4, 6447-6455 | 13 | 33 |
| 12 | Porous Au-Ag Nanospheres with High-Density and Highly Accessible Hotspots for SERS Analysis. <i>Nano Letters</i> , 2016 , 16, 3675-81 | 11.5 | 322 |
| 11 | Nanosized inorganic porous materials: fabrication, modification and application. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 16756-16770 | 13 | 34 |
| 10 | Holey Au-Ag alloy nanoplates with built-in hotspots for surface-enhanced Raman scattering. <i>Nanoscale</i> , 2016 , 8, 15689-95 | 7.7 | 37 |
| 9 | Nanostructure and pore size control of template-free synthesised mesoporous magnesium carbonate. <i>RSC Advances</i> , 2016 , 6, 74241-74249 | 3.7 | 22 |
| 8 | Ultra-small mesoporous silica nanoparticles as efficient carriers for pH responsive releases of anti-cancer drugs. <i>Dalton Transactions</i> , 2015 , 44, 20186-92 | 4.3 | 22 |
| 7 | A Crystalline Mesoporous Germanate with 48-Ring Channels for CO ₂ Separation. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 7290-4 | 16.4 | 24 |
| 6 | A Crystalline Mesoporous Germanate with 48-Ring Channels for CO ₂ Separation. <i>Angewandte Chemie</i> , 2015 , 127, 7398-7402 | 3.6 | 6 |
| 5 | Mesoporous silica nanoparticles applied as a support for Pd and Au nanocatalysts in cycloisomerization reactions. <i>APL Materials</i> , 2014 , 2, 113316 | 5.7 | 19 |
| 4 | Coordination bonding based pH-responsive drug delivery systems. <i>Coordination Chemistry Reviews</i> , 2013 , 257, 1933-1944 | 23.2 | 104 |
| 3 | Coordination polymer coated mesoporous silica nanoparticles for pH-responsive drug release. <i>Advanced Materials</i> , 2012 , 24, 6433-7 | 24 | 198 |
| 2 | Coordination Bonding-Based Mesoporous Silica for pH-Responsive Anticancer Drug Doxorubicin Delivery. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 16803-16813 | 3.8 | 67 |
| 1 | Two-Dimensional Metal-Organic Frameworks with Unique Oriented Layers for Oxygen Reduction Reaction: Tailoring the Activity through Exposed Crystal Facets. <i>CCS Chemistry</i> , 1-10 | 7.2 | 3 |