

Zuozhong Liang

List of Publications by Year in descending order

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31
papers

1,699
citations

377584

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488211

31
g-index

31
all docs

31
docs citations

31
times ranked

1894
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of Surface Curvature in Electrocatalysts. Chemistry - A European Journal, 2022, 28, .	1.7	9
2	Co porphyrin-based metal-organic framework for hydrogen evolution reaction and oxygen reduction reaction. Chinese Chemical Letters, 2022, 33, 3999-4002.	4.8	35
3	Metal-Organic Framework-Based Porous Organic Polymers for Electrocatalytic Oxygen Reduction and Evolution Reactions. Angewandte Chemie - International Edition, 2022, 61, .	7.2	54
4	Metal-Organic Framework-Based Porous Organic Polymers for Electrocatalytic Oxygen Reduction and Evolution Reactions. Angewandte Chemie, 2022, 134, .	1.6	9
5	Electrocatalytic oxygen reduction reaction with metalloporphyrins. Scientia Sinica Chimica, 2022, 52, 1306-1320.	0.2	3
6	Inherent mass transfer engineering of a Co, N co-doped carbon material towards oxygen reduction reaction. Journal of Energy Chemistry, 2021, 58, 391-396.	7.1	12
7	Significantly boosted oxygen electrocatalysis with cooperation between cobalt and iron porphyrins. Dalton Transactions, 2021, 50, 5120-5123.	1.6	10
8	Porphyrin-based frameworks for oxygen electrocatalysis and catalytic reduction of carbon dioxide. Chemical Society Reviews, 2021, 50, 2540-2581.	18.7	249
9	Substituent position effect of Co porphyrin on oxygen electrocatalysis. Chinese Chemical Letters, 2021, 32, 2841-2845.	4.8	33
10	Metal-Organic Framework-Supported Molecular Electrocatalysis for the Oxygen Reduction Reaction. Angewandte Chemie - International Edition, 2021, 60, 8472-8476.	7.2	153
11	Highly Curved Nanostructure-Coated Co, N-Doped Carbon Materials for Oxygen Electrocatalysis. Angewandte Chemie - International Edition, 2021, 60, 12759-12764.	7.2	120
12	Highly Curved Nanostructure-Coated Co, N-Doped Carbon Materials for Oxygen Electrocatalysis. Angewandte Chemie, 2021, 133, 12869-12874.	1.6	19
13	Anion engineering of hierarchical Co-A (A=O, Se, P) hexagrams for efficient electrocatalytic oxygen evolution reaction. Chinese Chemical Letters, 2021, 32, 3241-3244.	4.8	16
14	Space-confined construction of two-dimensional nitrogen-doped carbon with encapsulated bimetallic nanoparticles as oxygen electrocatalysts. Chemical Communications, 2021, 57, 8190-8193.	2.2	12
15	A Porphyrinic Zirconium Metal-Organic Framework for Oxygen Reduction Reaction: Tailoring the Spacing between Active-Sites through Chain-Based Inorganic Building Units. Journal of the American Chemical Society, 2020, 142, 15386-15395.	6.6	139
16	Recent Progress on Defect-Rich Transition Metal Oxides and Their Energy-Related Applications. Chemistry - an Asian Journal, 2020, 15, 3717-3736.	1.7	38
17	Recent advances in Co-based electrocatalysts for the oxygen reduction reaction. Sustainable Energy and Fuels, 2020, 4, 3848-3870.	2.5	38
18	The γ -NH _x Group Induced Formation of 3D $\text{Co}(\text{OH})_2$ Curly Nanosheet Aggregates as Efficient Oxygen Evolution Electrocatalysts. Small, 2020, 16, 2001973.	5.2	22

#	ARTICLE	IF	CITATIONS
19	Nickel induced electronic structural regulation of cobalt hydroxide for enhanced water oxidation. <i>Journal of Materials Chemistry A</i> , 2020, 8, 6699-6708.	5.2	29
20	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.	5.2	95
21	Ultra-thin Co-Fe Layered Double Hydroxide Hollow Nanocubes for Efficient Electrocatalytic Water Oxidation. <i>ChemPhysChem</i> , 2019, 20, 2964-2967.	1.0	25
22	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.	1.7	38
23	Importance of Electrocatalyst Morphology for the Oxygen Reduction Reaction. <i>ChemElectroChem</i> , 2019, 6, 2600-2614.	1.7	45
24	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.	2.2	39
25	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, 3527-3535.	3.2	56
26	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.	2.6	42
27	Quasi-single-crystalline CoO hexagrams with abundant defects for highly efficient electrocatalytic water oxidation. <i>Chemical Science</i> , 2018, 9, 6961-6968.	3.7	56
28	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.	1.6	19
29	HMTA-assisted formation of hierarchical Co-based materials built by low-dimensional substructures as water oxidation electrocatalysts. <i>CrystEngComm</i> , 2018, 20, 5249-5255.	1.3	12
30	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.	7.2	112
31	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.	2.2	160