Jingsha Li

List of Publications by Year
in descending order

32 papers	1,393 citations	489802 18 h-index	466096 32 g-index
32 all docs	32 docs citations	32 times ranked	1921 citing authors

#	Article	IF	Citations
1	Micropores regulating enables advanced carbon sphere catalyst for Zn-air batteries. Green Energy and Environment, 2023, 8, 308-317.	4.7	6
2	Surface-mediated iron on porous cobalt oxide with high energy state for efficient water oxidation electrocatalysis. Green Energy and Environment, 2022, 7, 662-671.	4.7	12
3	CoFe nanoparticles dispersed in Co/Fe-N-C support with meso- and macroporous structures as the high-performance catalyst boosting the oxygen reduction reaction for Al/Mg-air batteries. Journal of Power Sources, 2022, 517, 230707.	4.0	19
4	Oxygen plasma induced interfacial CoOx/Phthalocyanine Cobalt as bifunctional electrocatalyst towards oxygen-involving reactions. International Journal of Hydrogen Energy, 2022, 47, 9905-9914.	3.8	11
5	Active sites-rich layered double hydroxide for nitrate-to-ammonia production with high selectivity and stability. Chemical Engineering Journal, 2022, 434, 134641.	6.6	26
6	Interface engineering cerium-doped copper nanocrystal for efficient electrochemical nitrate-to-ammonia production. Electrochimica Acta, 2022, 411, 140095.	2.6	15
7	High-power double-face flow Al-air battery enabled by CeO2 decorated MnOOH nanorods catalyst. Chemical Engineering Journal, 2021, 406, 126772.	6.6	37
8	Metasequoiaâ€like Nanocrystal of Ironâ€Doped Copper for Efficient Electrocatalytic Nitrate Reduction into Ammonia in Neutral Media. ChemSusChem, 2021, 14, 1825-1829.	3.6	75
9	Cu/Cu2O nanoparticles co-regulated carbon catalyst for alkaline Al-air batteries. Chinese Chemical Letters, 2021, 32, 2427-2432.	4.8	14
10	Effect of supporting matrixes on performance of copper catalysts in electrochemical nitrate reduction to ammonia. Journal of Power Sources, 2021, 511, 230463.	4.0	41
11	Surface and interface engineering of hollow carbon sphere-based electrocatalysts for the oxygen reduction reaction. Journal of Materials Chemistry A, 2021, 9, 25706-25730.	5.2	15
12	Observation of 4th-order water oxidation kinetics by time-resolved photovoltage spectroscopy. IScience, 2021, 24, 103500.	1.9	8
13	Insights into KMnO4 etched N-rich carbon nanotubes as advanced electrocatalysts for Zn-air batteries. Applied Catalysis B: Environmental, 2020, 264, 118537.	10.8	81
14	Metal-free heterojunction of black phosphorus/oxygen-enriched porous g-C₃N₄ as an efficient photocatalyst for Fenton-like cascade water purification. Journal of Materials Chemistry A, 2020, 8, 19484-19492.	5.2	51
15	Recent Advances of Twoâ€Dimensional (2â€‰D) MXenes and Phosphorene for Highâ€Performance Rechargeable Batteries. ChemSusChem, 2020, 13, 1047-1070.	3.6	59
16	Red-blood-cell-like nitrogen-doped porous carbon as an efficient metal-free catalyst for oxygen reduction reaction. Journal of Central South University, 2019, 26, 1458-1468.	1.2	9
17	Boosting oxygen reduction activity of Fe-N-C by partial copper substitution to iron in Al-air batteries. Applied Catalysis B: Environmental, 2019, 242, 209-217.	10.8	121
18	On an easy way to prepare highly efficient Fe/N-co-doped carbon nanotube/nanoparticle composite for oxygen reduction reaction in Alâ€“air batteries. Journal of Materials Science, 2018, 53, 10280-10291.	1.7	21

#	ARTICLE	IF	CITATIONS
19	Significantly enhanced oxygen reduction activity of Cu/CuN x C y co-decorated ketjenblack catalyst for Alâ€“air batteries. Journal of Energy Chemistry, 2018, 27, 419-425.	7.1	41
20	Cuâ€“MOF-Derived Cu/Cu₂O Nanoparticles and CuN_{<i>x</i>}C_{<i>y</i>} Species to Boost Oxygen Reduction Activity of Ketjenblack Carbon in Alâ€“Air Battery. ACS Sustainable Chemistry and Engineering, 2018, 6, 413-421.	3.2	105
21	A Strategy to Achieve Well-Dispersed Hollow Nitrogen-Doped Carbon Microspheres with Trace Iron for Highly Efficient Oxygen Reduction Reaction in Al-Air Batteries. Journal of the Electrochemical Society, 2018, 165, A3766-A3772.	1.3	8
22	Influence of Iron Source Type on the Electrocatalytic Activity toward Oxygen Reduction Reaction in Fe-N/C for Al-Air Batteries. Journal of the Electrochemical Society, 2018, 165, F662-F670.	1.3	14
23	Core-shell Co/CoNx@C nanoparticles enfolded by Co-N doped carbon nanosheets as a highly efficient electrocatalyst for oxygen reduction reaction. Carbon, 2018, 138, 300-308.	5.4	53
24	Co3O4/Co-N-C modified ketjenblack carbon as an advanced electrocatalyst for Al-air batteries. Journal of Power Sources, 2017, 343, 30-38.	4.0	99
25	Fe₃C@Fe/N Doped Graphene-Like Carbon Sheets as a Highly Efficient Catalyst in Al-Air Batteries. Journal of the Electrochemical Society, 2017, 164, F475-F483.	1.3	34
26	Fe/N co-doped carbon materials with controllable structure as highly efficient electrocatalysts for oxygen reduction reaction in Al-air batteries. Energy Storage Materials, 2017, 8, 49-58.	9.5	70
27	Ag/Fe₃O₄-N-Doped Ketjenblack Carbon Composite as Highly Efficient Oxygen Reduction Catalyst in Al-Air Batteries. Journal of the Electrochemical Society, 2017, 164, A3595-A3601.	1.3	17
28	Fe₇C₃â€“Fe₃N/FeN_xC_y Decorated Carbon Material as Highly Efficient Catalyst for Oxygen Reduction Reaction in Al-Air Batteries. Nanoscience and Nanotechnology Letters, 2017, 9, 1909-1918.	0.4	6
29	Co₃O₄â€“CeO₂/C as a Highly Active Electrocatalyst for Oxygen Reduction Reaction in Alâ€“Air Batteries. ACS Applied Materials & Interfaces, 2016, 8, 34422-34430.	4.0	159
30	N-Doped carbon supported Co₃O₄nanoparticles as an advanced electrocatalyst for the oxygen reduction reaction in Alâ€“air batteries. RSC Advances, 2016, 6, 55552-55559.	1.7	36
31	Three-Dimensional MnCo2O4.5Mesoporous Networks as an Electrocatalyst for Oxygen Reduction Reaction. Journal of the Electrochemical Society, 2015, 162, A2302-A2307.	1.3	18
32	Nickel cobalt oxide/carbon nanotubes hybrid as a high-performance electrocatalyst for metal/air battery. Nanoscale, 2014, 6, 10235-10242.	2.8	112