Chenghang You

List of Publications by Year
in descending order

28 papers	1,307 citations	586496 16 h-index	591227 27 g-index
28 all docs	28 docs citations	28 times ranked	2704 citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-doped carbon derived from notoginseng as a high-performance catalyst for oxygen reduction. Ionics, 2021, 27, 2537-2544.	1.2	1
2	Metallic cobalt encapsulated in N-doped carbon nanowires: a highly active bifunctional catalyst for oxygen reduction and evolution. Ionics, 2021, 27, 3501-3509.	1.2	2
3	A mesoporous carbon derived from 4,4′-dipyridyl iron as an efficient catalyst for oxygen reduction. Journal of Materials Chemistry A, 2020, 8, 2439-2444.	5.2	12
4	A Novel Crystal Modified Electrode Based on $Cs_4PW_{11}Fe$: Comparative Study of Its Electrochemical Behavior and Electrocatalysis. Journal of the Electrochemical Society, 2020, 167, 066511.	1.3	1
5	Rechargeable Zinc–Air Battery with Ultrahigh Power Density Based on Uniform N, Co Codoped Carbon Nanospheres. ACS Applied Materials & Interfaces, 2019, 11, 44153-44160.	4.0	20
6	Uniform Nitrogen and Sulfur Co-doped Carbon Bowls for the Electrocatalyzation of Oxygen Reduction. ACS Sustainable Chemistry and Engineering, 2019, 7, 7148-7154.	3.2	13
7	Highly stable Pt_3Ni nanowires tailored with trace Au for the oxygen reduction reaction. Journal of Materials Chemistry A, 2019, 7, 26402-26409.	5.2	55
8	Preparation of urchin-like $NiCo_2O_4$ material and studies of its electrochemical performance for supercapacitors. Functional Materials Letters, 2019, 12, 1950026.	0.7	3
9	High porosity nitrogen and phosphorous Co-doped carbon nanosheets as an efficient catalyst for oxygen reduction. International Journal of Hydrogen Energy, 2018, 43, 9749-9756.	3.8	12
10	A novel crystal-modified electrode based on polyoxometalate (Bu4N)4PW11O39FeIII (H2O) for electrocatalysis. Journal of Solid State Electrochemistry, 2018, 22, 237-243.	1.2	9
11	Nitrogen, Sulfur Co-doped Carbon Derived from Naphthalene-Based Covalent Organic Framework as an Efficient Catalyst for Oxygen Reduction. ACS Applied Energy Materials, 2018, 1, 161-166.	2.5	36
12	Coconut-based bacterial cellulose carbon nanofibers. Materials Research Innovations, 2017, 21, 91-96.	1.0	3
13	Binary Fe, Cu-doped bamboo-like carbon nanotubes as efficient catalyst for the oxygen reduction reaction. Nano Energy, 2017, 37, 187-194.	8.2	125
14	Uniform nitrogen and sulphur co-doped hollow carbon nanospheres as efficient metal-free electrocatalysts for oxygen reduction. Journal of Materials Chemistry A, 2017, 5, 1742-1748.	5.2	51
15	High porosity and surface area self-doped carbon derived from polyacrylonitrile as efficient electrocatalyst towards oxygen reduction. Journal of Power Sources, 2016, 324, 134-141.	4.0	31
16	Doped reduced graphene oxide mounted with IrO2 nanoparticles shows significantly enhanced performance as a cathode catalyst for Li-O2 batteries. Electrochimica Acta, 2016, 192, 431-438.	2.6	20
17	Phosphorus and Nitrogen Dual Doped and Simultaneously Reduced Graphene Oxide with High Surface Area as Efficient Metal-Free Electrocatalyst for Oxygen Reduction. Catalysts, 2015, 5, 981-991.	1.6	122
18	Fog-like fluffy structured N-doped carbon with a superior oxygen reduction reaction performance to a commercial Pt/C catalyst. Nanoscale, 2015, 7, 3780-3785.	2.8	34

#	ARTICLE	IF	CITATIONS
19	Nitrogen, phosphorus and iron doped carbon nanospheres with high surface area and hierarchical porous structure for oxygen reduction. Journal of Power Sources, 2015, 288, 253-260.	4.0	55
20	Ruthenium nanoparticles mounted on multielement co-doped graphene: an ultra-high-efficiency cathode catalyst for Li–O$_2$ batteries. Journal of Materials Chemistry A, 2015, 3, 11224-11231.	5.2	61
21	An ultra high performance multi-element doped mesoporous carbon catalyst derived from poly(4-vinylpyridine). Journal of Materials Chemistry A, 2015, 3, 23512-23519.	5.2	16
22	Uniform nitrogen and sulfur co-doped carbon nanospheres as catalysts for the oxygen reduction reaction. Carbon, 2014, 69, 294-301.	5.4	106
23	Conversion of polystyrene foam to a high-performance doped carbon catalyst with ultrahigh surface area and hierarchical porous structures for oxygen reduction. Journal of Materials Chemistry A, 2014, 2, 12240-12246.	5.2	52
24	A one-pot method to synthesize high performance multielement co-doped reduced graphene oxide catalysts for oxygen reduction. Electrochemistry Communications, 2014, 47, 49-53.	2.3	22
25	Synthesis of three-dimensional Pd nanospheres decorated with a Pt monolayer for the oxygen reduction reaction. International Journal of Hydrogen Energy, 2014, 39, 14018-14026.	3.8	11
26	High-Performance Doped Carbon Catalyst Derived from Nori Biomass with Melamine Promoter. Electrochimica Acta, 2014, 138, 353-359.	2.6	83
27	Effect of Transition Metals on the Structure and Performance of the Doped Carbon Catalysts Derived From Polyaniline and Melamine for ORR Application. ACS Catalysis, 2014, 4, 3797-3805.	5.5	351
28	Co3O4 nanofiber as a high-performance electrocatalyst for oxygen evolution. Ionics, 0, , .	1.2	0