Qing-Xia Yang

List of Publications by Year
in descending order

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18 papers	599 citations	1307594 7 h-index	888059 17 g-index
19 all docs	19 docs citations	19 times ranked	869 citing authors

#	Article	IF	Citations
1	Pyrolyzed Feâ€“Nâ€“C Composite as an Efficient Non-precious Metal Catalyst for Oxygen Reduction Reaction in Acidic Medium. ACS Catalysis, 2014, 4, 3928-3936.	11.2	291
2	Research on PEG modified Bi-doping lead dioxide electrode and mechanism. Applied Surface Science, 2012, 258, 5716-5722.	6.1	89
3	Entropy and crystal-facet modulation of P2-type layered cathodes for long-lasting sodium-based batteries. Nature Communications, 2022, 13, .	12.8	61
4	Amplified Interfacial Effect in an Atomically Dispersed RuO_xâ€onâ€Pd 2D Inverse Nanocatalyst for Highâ€Performance Oxygen Reduction. Angewandte Chemie - International Edition, 2021, 60, 16093-16100.	13.8	49
5	Studies on the electrochemical characteristics of K2Sr(FeO4)2 electrode. Electrochemistry Communications, 2002, 4, 710-715.	4.7	34
6	Preparation and utilization of a sub-5 nm PbO2 colloid as an excellent co-catalyst for Pt-based catalysts toward ethanol electro-oxidation. New Journal of Chemistry, 2017, 41, 12123-12130.	2.8	17
7	Amplified Interfacial Effect in an Atomically Dispersed RuO_xâ€onâ€Pd 2D Inverse Nanocatalyst for Highâ€Performance Oxygen Reduction. Angewandte Chemie, 2021, 133, 16229-16236.	2.0	12
8	Microenvironment Alters the Oxygen Reduction Activity of Metal/N/C Catalysts at the Triple-Phase Boundary. ACS Catalysis, 2022, 12, 9003-9010.	11.2	10
9	Ferrate(VI): a novel oxidant for degradation of cationic surfactant â€“ cetylpyridinium bromide. Water Science and Technology, 2013, 67, 2184-2189.	2.5	6
10	Shape-Controlled Synthesis of Palladium-Copper Nanoalloys with Improved Catalytic Activity for Ethanol Electrooxidation. International Journal of Electrochemistry, 2016, 2016, 1-8.	2.4	6
11	PdCu nanoalloys deposited on porous carbon as a highly efficient catalyst for ethanol oxidation. Materials Chemistry and Physics, 2019, 228, 175-179.	4.0	5
12	The synthesis of Fe@CNT-Fe/N/C catalyst and application for oxygen reduction reaction on fuel cell. Fullerenes Nanotubes and Carbon Nanostructures, 2019, 27, 961-966.	2.1	5
13	Structural Advantage Induced by Zinc Gluconate: Hierarchically Porous Carbon with Inâ€Situ Growth Ironâ€Inside Carbon Nanotubes for Efficient Oxygen Reduction Reaction. ChemistrySelect, 2020, 5, 12759-12763.	1.5	5
14	Facile synthesis of high performance non-noble-metal electrocatalyst Feâ€“Nâ€“S/C for oxygen reduction reaction in acidic solutions. Journal of Materials Science: Materials in Electronics, 2017, 28, 949-957.	2.2	4
15	P2-Na2/3Mn0.66Ni0.21Mg0.05Al0.03X0.0225O2 (X = Zr, Ce) as high performance cathode materials for sodium-ion batteries. Ionics, 2020, 26, 727-734.	2.4	3
16	Studies on the influence of various experimental conditions on electrochemical generation of ferrate(VI) in NaOH-KOH mixed electrolyte. Russian Journal of Electrochemistry, 2009, 45, 795-799.	0.9	1
17	Glucose Doping of a Glcâ€Feâ€ZIF ORR Catalyst for Protonâ€Exchange Membrane Fuel Cells: Optimising Porous Structures and Improving Performance. ChemistrySelect, 2021, 6, 1271-1275.	1.5	1
18	Design of Feâ€N_x/Tungsten Carbide for Efficient Electrocatalyst Oxygen Reduction in Acidic Media. Israel Journal of Chemistry, 2023, 63, .	2.3	0