Yu Ding

List of Publications by Year
in descending order

28 papers	1,159 citations	471509 17 h-index	552781 26 g-index
30 all docs	30 docs citations	30 times ranked	1078 citing authors

#	Article	IF	Citations
1	Nitrogen-doped graphene aerogel-supported ruthenium nanocrystals for pH-universal hydrogen evolution reaction. Chinese Journal of Catalysis, 2022, 43, 1535-1543.	14.0	111
2	Porous palladium phosphide nanotubes for formic acid electrooxidation. , 2022, 4, 283-293.		102
3	Atomically thick Ni(OH)₂ nanomeshes for urea electrooxidation. Nanoscale, 2019, 11, 1058-1064.	5.6	101
4	Benzylamine oxidation boosted electrochemical water-splitting: Hydrogen and benzonitrile co-production at ultra-thin Ni2P nanomeshes grown on nickel foam. Applied Catalysis B: Environmental, 2020, 268, 118393.	20.2	100
5	Interfacial Engineering Enhances the Electroactivity of Frameâ€Like Concave RhCu Bimetallic Nanocubes for Nitrate Reduction. Advanced Energy Materials, 2022, 12, .	19.5	96
6	Iridium Nanotubes as Bifunctional Electrocatalysts for Oxygen Evolution and Nitrate Reduction Reactions. ACS Applied Materials & Interfaces, 2020, 12, 14064-14070.	8.0	91
7	3D nitrogen-doped graphene aerogels as efficient electrocatalyst for the oxygen reduction reaction. Carbon, 2018, 139, 137-144.	10.3	75
8	Polyethylenimine-modified nickel phosphide nanosheets: interfacial protons boost the hydrogen evolution reaction. Journal of Materials Chemistry A, 2019, 7, 13770-13776.	10.3	69
9	From monometallic Au nanowires to trimetallic AuPtRh nanowires: interface control for the formic acid electrooxidation. Journal of Materials Chemistry A, 2018, 6, 17164-17170.	10.3	67
10	PtRu nanocubes as bifunctional electrocatalysts for ammonia electrolysis. Journal of Materials Chemistry A, 2021, 9, 8444-8451.	10.3	39
11	Bifunctional Palladium Hydride Nanodendrite Electrocatalysts for Hydrogen Evolution Integrated with Formate Oxidation. ACS Applied Materials & Interfaces, 2021, 13, 13149-13157.	8.0	39
12	Hydrogen and Potassium Acetate Co-Production from Electrochemical Reforming of Ethanol at Ultrathin Cobalt Sulfide Nanosheets on Nickel Foam. ACS Applied Materials & Interfaces, 2021, 13, 4026-4033.	8.0	33
13	P doped NiCoZn LDH growth on nickel foam as an highly efficient bifunctional electrocatalyst for Overall Urea-Water Electrolysis. International Journal of Hydrogen Energy, 2021, 46, 25321-25331.	7.1	31
14	Interfacial proton enrichment enhances proton-coupled electrocatalytic reactions. Journal of Materials Chemistry A, 2018, 6, 17771-17777.	10.3	29
15	Construction of nano-composites by enzyme entrapped in mesoporous dendritic silica particles for efficient biocatalytic degradation of antibiotics in wastewater. Chemical Engineering Journal, 2019, 375, 121968.	12.7	23
16	Enzyme Immobilization in MOFâ€derived Porous NiO with Hierarchical Structure: An Efficient and Stable Enzymatic Reactor. ChemCatChem, 2019, 11, 2828-2836.	3.7	21
17	Direct growth of holey Fe3O4-coupled Ni(OH)2 sheets on nickel foam for the oxygen evolution reaction. Chinese Journal of Catalysis, 2021, 42, 271-278.	14.0	21
18	Multilayer petal-like enzymatic-inorganic hybrid micro-spheres [CPO-(Cu/Co/Cd)3(PO4)2] with high bio-catalytic activity. Chemical Engineering Research and Design, 2018, 134, 52-61.	5.6	20

#	Article	IF	Citations
19	Well-oriented bioarchitecture for immobilization of chloroperoxidase on graphene oxide nanosheets by site-specific interactions and its catalytic performance. Journal of Materials Science, 2017, 52, 10001-10012.	3.7	17
20	Rhodiumâ€“Cobalt Alloy Nanotubes Toward Methanol Oxidation Reaction. Small Structures, 2022, 3, .	12.0	15
21	Rhodium nanodendrites catalyzed alkaline methanol oxidation reaction in direct methanol fuel cells. Sustainable Materials and Technologies, 2022, 31, e00379.	3.3	13
22	Enzymatic-photocatalytic synergetic effect on the decolorization of dyes by single chloroperoxidase molecule immobilization on TiO2 mesoporous thin film. Materials and Design, 2017, 129, 219-226.	7.0	9
23	Enzymatic Biosensor for Hydrogen Peroxide Based on the Direct Electron Transfer on MWCNTs/IL/CPO-GC: The Dual Function of Ionic Liquids. Journal of the Electrochemical Society, 2019, 166, G67-G74.	2.9	9
24	Trimetallic RhNiFe Phosphide Nanosheets for Electrochemical Reforming of Ethanol. ACS Applied Nano Materials, 2022, 5, 4948-4957.	5.0	9
25	Conflict-Aware Participant Recruitment for Mobile Crowdsensing. IEEE Transactions on Computational Social Systems, 2020, 7, 192-204.	4.4	8
26	Functionalized Ultrafine Rhodium Nanoparticles on Graphene Aerogels for the Hydrogen Evolution Reaction. ChemElectroChem, 2021, 8, 1759-1765.	3.4	5
27	One-dimensional cobalt oxide nanotubes with rich defect for oxygen evolution reaction. Nanotechnology, 2022, 33, 075401.	2.6	5
28	Quantitative analysis of wall thinning of bimetallic clad steel tube based on pulsed eddy current. Process Safety Progress, 0, , .	1.0	1