

Yu Ding

List of Publications by Year in descending order

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Version: 2024-02-01

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	One-dimensional cobalt oxide nanotubes with rich defect for oxygen evolution reaction. <i>Nanotechnology</i> , 2022, 33, 075401.	2.6	5
2	Rhodium nanodendrites catalyzed alkaline methanol oxidation reaction in direct methanol fuel cells. <i>Sustainable Materials and Technologies</i> , 2022, 31, e00379.	3.3	13
3	Porous palladium phosphide nanotubes for formic acid electrooxidation. , 2022, 4, 283-293.		102
4	Interfacial Engineering Enhances the Electroactivity of Frame-Like Concave RhCu Bimetallic Nanocubes for Nitrate Reduction. <i>Advanced Energy Materials</i> , 2022, 12, .	19.5	96
5	Trimetallic RhNiFe Phosphide Nanosheets for Electrochemical Reforming of Ethanol. <i>ACS Applied Nano Materials</i> , 2022, 5, 4948-4957.	5.0	9
6	Nitrogen-doped graphene aerogel-supported ruthenium nanocrystals for pH-universal hydrogen evolution reaction. <i>Chinese Journal of Catalysis</i> , 2022, 43, 1535-1543.	14.0	111
7	Rhodium-Cobalt Alloy Nanotubes Toward Methanol Oxidation Reaction. <i>Small Structures</i> , 2022, 3, .	12.0	15
8	Direct growth of holey Fe ₃ O ₄ -coupled Ni(OH) ₂ sheets on nickel foam for the oxygen evolution reaction. <i>Chinese Journal of Catalysis</i> , 2021, 42, 271-278.	14.0	21
9	PtRu nanocubes as bifunctional electrocatalysts for ammonia electrolysis. <i>Journal of Materials Chemistry A</i> , 2021, 9, 8444-8451.	10.3	39
10	Hydrogen and Potassium Acetate Co-Production from Electrochemical Reforming of Ethanol at Ultrathin Cobalt Sulfide Nanosheets on Nickel Foam. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 4026-4033.	8.0	33
11	Bifunctional Palladium Hydride Nanodendrite Electrocatalysts for Hydrogen Evolution Integrated with Formate Oxidation. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 13149-13157.	8.0	39
12	Functionalized Ultrafine Rhodium Nanoparticles on Graphene Aerogels for the Hydrogen Evolution Reaction. <i>ChemElectroChem</i> , 2021, 8, 1759-1765.	3.4	5
13	P doped NiCoZn LDH growth on nickel foam as an highly efficient bifunctional electrocatalyst for Overall Urea-Water Electrolysis. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 25321-25331.	7.1	31
14	Benzylamine oxidation boosted electrochemical water-splitting: Hydrogen and benzonitrile co-production at ultra-thin Ni ₂ P nanomeshes grown on nickel foam. <i>Applied Catalysis B: Environmental</i> , 2020, 268, 118393.	20.2	100
15	Conflict-Aware Participant Recruitment for Mobile Crowdsensing. <i>IEEE Transactions on Computational Social Systems</i> , 2020, 7, 192-204.	4.4	8
16	Iridium Nanotubes as Bifunctional Electrocatalysts for Oxygen Evolution and Nitrate Reduction Reactions. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 14064-14070.	8.0	91
17	Atomically thick Ni(OH) ₂ nanomeshes for urea electrooxidation. <i>Nanoscale</i> , 2019, 11, 1058-1064.	5.6	101
18	Construction of nano-composites by enzyme entrapped in mesoporous dendritic silica particles for efficient biocatalytic degradation of antibiotics in wastewater. <i>Chemical Engineering Journal</i> , 2019, 375, 121968.	12.7	23

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19	Polyethylenimine-modified nickel phosphide nanosheets: interfacial protons boost the hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2019, 7, 13770-13776.	10.3	69
20	Enzymatic Biosensor for Hydrogen Peroxide Based on the Direct Electron Transfer on MWCNTs/IL/CPO-GC: The Dual Function of Ionic Liquids. <i>Journal of the Electrochemical Society</i> , 2019, 166, G67-G74.	2.9	9
21	Enzyme Immobilization in MOF-derived Porous NiO with Hierarchical Structure: An Efficient and Stable Enzymatic Reactor. <i>ChemCatChem</i> , 2019, 11, 2828-2836.	3.7	21
22	Multilayer petal-like enzymatic-inorganic hybrid micro-spheres [CPO-(Cu/Co/Cd) ₃ (PO ₄) ₂] with high bio-catalytic activity. <i>Chemical Engineering Research and Design</i> , 2018, 134, 52-61.	5.6	20
23	3D nitrogen-doped graphene aerogels as efficient electrocatalyst for the oxygen reduction reaction. <i>Carbon</i> , 2018, 139, 137-144.	10.3	75
24	Interfacial proton enrichment enhances proton-coupled electrocatalytic reactions. <i>Journal of Materials Chemistry A</i> , 2018, 6, 17771-17777.	10.3	29
25	From monometallic Au nanowires to trimetallic AuPtRh nanowires: interface control for the formic acid electrooxidation. <i>Journal of Materials Chemistry A</i> , 2018, 6, 17164-17170.	10.3	67
26	Enzymatic-photocatalytic synergetic effect on the decolorization of dyes by single chloroperoxidase molecule immobilization on TiO ₂ mesoporous thin film. <i>Materials and Design</i> , 2017, 129, 219-226.	7.0	9
27	Well-oriented bioarchitecture for immobilization of chloroperoxidase on graphene oxide nanosheets by site-specific interactions and its catalytic performance. <i>Journal of Materials Science</i> , 2017, 52, 10001-10012.	3.7	17
28	Quantitative analysis of wall thinning of bimetallic clad steel tube based on pulsed eddy current. <i>Process Safety Progress</i> , 0, , .	1.0	1