

Yaping Chen

List of Publications by Year in descending order

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2,087
citations

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#	ARTICLE	IF	CITATIONS
1	Hybrid 2D Dual-Metal-Organic Frameworks for Enhanced Water Oxidation Catalysis. <i>Advanced Functional Materials</i> , 2018, 28, 1801554.	14.9	550
2	Active-Site-Enriched Iron-Doped Nickel/Cobalt Hydroxide Nanosheets for Enhanced Oxygen Evolution Reaction. <i>ACS Catalysis</i> , 2018, 8, 5382-5390.	11.2	311
3	Low-Coordinate Iridium Oxide Confined on Graphitic Carbon Nitride for Highly Efficient Oxygen Evolution. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12540-12544.	13.8	208
4	Recent Progress on Nickel-Based Oxide/(Oxy)Hydroxide Electrocatalysts for the Oxygen Evolution Reaction. <i>Chemistry - A European Journal</i> , 2019, 25, 703-713.	3.3	170
5	Electronic Structure Engineering of LiCoO_2 toward Enhanced Oxygen Electrocatalysis. <i>Advanced Energy Materials</i> , 2019, 9, 1803482.	19.5	85
6	Electrochemically Inert $\text{g-C}_3\text{N}_4$ Promotes Water Oxidation Catalysis. <i>Advanced Functional Materials</i> , 2018, 28, 1705583.	14.9	84
7	$\text{CoSe}_2/\text{MoSe}_2$ Heterostructures with Enriched Water Adsorption/Dissociation Sites towards Enhanced Alkaline Hydrogen Evolution Reaction. <i>Chemistry - A European Journal</i> , 2018, 24, 11158-11165.	3.3	82
8	Hexagonal Boron Nitride as a Multifunctional Support for Engineering Efficient Electrocatalysts toward the Oxygen Reduction Reaction. <i>Nano Letters</i> , 2020, 20, 6807-6814.	9.1	82
9	Epitaxial growth of Ni(OH)_2 nanoclusters on MoS_2 nanosheets for enhanced alkaline hydrogen evolution reaction. <i>Nanoscale</i> , 2018, 10, 19074-19081.	5.6	74
10	Electrocatalytically inactive SnS_2 promotes water adsorption/dissociation on molybdenum dichalcogenides for accelerated alkaline hydrogen evolution. <i>Nano Energy</i> , 2019, 64, 103918.	16.0	58
11	Coaxial CoMoO_4 nanowire arrays with chemically integrated conductive coating for high-performance flexible all-solid-state asymmetric supercapacitors. <i>Nanoscale</i> , 2015, 7, 15159-15167.	5.6	49
12	Heteroatom-doped MoSe_2 Nanosheets with Enhanced Hydrogen Evolution Kinetics for Alkaline Water Splitting. <i>Chemistry - an Asian Journal</i> , 2019, 14, 301-306.	3.3	41
13	Sulfur Doping Triggering Enhanced Pt-N Coordination in Graphitic Carbon Nitride-Supported Pt Electrocatalysts toward Efficient Oxygen Reduction Reaction. <i>ACS Catalysis</i> , 2022, 12, 7406-7414.	11.2	40
14	Iron-Doped Nickel Molybdate with Enhanced Oxygen Evolution Kinetics. <i>Chemistry - A European Journal</i> , 2019, 25, 280-284.	3.3	38
15	Engineering additional edge sites on molybdenum dichalcogenides toward accelerated alkaline hydrogen evolution kinetics. <i>Nanoscale</i> , 2019, 11, 717-724.	5.6	37
16	Homogeneous Sulfur-Cobalt Sulfide Nanocomposites as Lithium-Sulfur Battery Cathodes with Enhanced Reaction Kinetics. <i>ACS Applied Energy Materials</i> , 2018, 1, 167-172.	5.1	32
17	Supported Sub-Nanometer Clusters for Electrocatalysis Applications. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	25
18	2D Metal-Free Nanomaterials Beyond Graphene and Its Analogues toward Electrocatalysis Applications. <i>Advanced Energy Materials</i> , 2021, 11, 2101202.	19.5	24

#	ARTICLE	IF	CITATIONS
19	Enriched <i>d</i> -Band Holes Enabling Fast Oxygen Evolution Kinetics on Atomic-Layered Defect-Rich Lithium Cobalt Oxide Nanosheets. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	24
20	Cobalt Single Atoms Enabling Efficient Methanol Oxidation Reaction on Platinum Anchored on Nitrogen-Doped Carbon. <i>Small</i> , 2022, 18, e2107067.	10.0	23
21	Nickel-Based Bicarbonates as Bifunctional Catalysts for Oxygen Evolution and Reduction Reaction in Alkaline Media. <i>Chemistry - A European Journal</i> , 2018, 24, 17665-17671.	3.3	15
22	Low-Coordinate Iridium Oxide Confined on Graphitic Carbon Nitride for Highly Efficient Oxygen Evolution. <i>Angewandte Chemie</i> , 2019, 131, 12670-12674.	2.0	15
23	Strategies of engineering 2D nanomaterial-based electrocatalysts toward hydrogen evolution reaction. <i>Materials for Renewable and Sustainable Energy</i> , 2020, 9, 1.	3.6	14
24	Toward enhanced alkaline hydrogen electrocatalysis with transition metal-functionalized nitrogen-doped carbon supports. <i>Chinese Journal of Catalysis</i> , 2022, 43, 1351-1359.	14.0	6