Xin Yue

List of Publications by Year
in descending order

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20 papers	1,852 citations	471509 17 h-index	752698 20 g-index
20 all docs	20 docs citations	20 times ranked	3120 citing authors

#	Article	IF	Citations
1	Tuning the electronic structures of cobalt-molybdenum bimetallic carbides to boost the hydrogen oxidation reaction in alkaline medium. Chemical Engineering Journal, 2022, 428, 131206.	12.7	30
2	Filling Octahedral Interstices by Building Geometrical Defects to Construct Active Sites for Boosting the Oxygen Evolution Reaction on NiFe₂O₄. Advanced Functional Materials, 2022, 32, .	14.9	27
3	Bimetallic carbides of Ni6W6C as efficient non-precious metal electrocatalysts for hydrogen oxidation reaction in alkaline medium. Materials Letters, 2022, 324, 132749.	2.6	4
4	Recent Advances in Electrocatalysts for Alkaline Hydrogen Oxidation Reaction. Small, 2021, 17, e2100391.	10.0	56
5	Constructing Active Sites from Atomicâ€Scale Geometrical Engineering in Spinel Oxide Solid Solutions for Efficient and Robust Oxygen Evolution Reaction Electrocatalysts. Advanced Science, 2021, 8, e2101653.	11.2	31
6	Overall water splitting on Ni0.19WO4 nanowires as highly efficient and durable bifunctional non-precious metal electrocatalysts. Electrochimica Acta, 2020, 333, 135554.	5.2	13
7	Heteroatom Doping of Molybdenum Carbide Boosts pH-Universal Hydrogen Evolution Reaction. ACS Sustainable Chemistry and Engineering, 2020, 8, 10284-10291.	6.7	22
8	Hydrogen evolution reaction in full pH range on nickel doped tungsten carbide nanocubes as efficient and durable non-precious metal electrocatalysts. International Journal of Hydrogen Energy, 2020, 45, 8695-8702.	7.1	36
9	One-step growth of nitrogen-decorated ironâ€“nickel sulfide nanosheets for the oxygen evolution reaction. Journal of Materials Chemistry A, 2018, 6, 5592-5597.	10.3	55
10	Mo- and Fe-Modified Ni(OH)₂/NiOOH Nanosheets as Highly Active and Stable Electrocatalysts for Oxygen Evolution Reaction. ACS Catalysis, 2018, 8, 2359-2363.	11.2	290
11	Highly stable and efficient non-precious metal electrocatalysts of Mo-doped NiOOH nanosheets for oxygen evolution reaction. International Journal of Hydrogen Energy, 2018, 43, 12140-12145.	7.1	26
12	Three-dimensional porous MoNi₄ networks constructed by nanosheets as bifunctional electrocatalysts for overall water splitting. Journal of Materials Chemistry A, 2017, 5, 2508-2513.	10.3	122
13	Highly stable and efficient non-precious metal electrocatalysts of tantalum dioxyfluoride used for the oxygen evolution reaction. Journal of Materials Chemistry A, 2017, 5, 8287-8291.	10.3	29
14	Nitrogen and fluorine dual-doped porous graphene-nanosheets as efficient metal-free electrocatalysts for hydrogen-evolution in acidic media. Catalysis Science and Technology, 2017, 7, 2228-2235.	4.1	37
15	Bifunctional porous non-precious metal WO₂hexahedral networks as an electrocatalyst for full water splitting. Journal of Materials Chemistry A, 2017, 5, 9655-9660.	10.3	72
16	K0.4TaO2.4F0.6 Nanocubes as Highly Efficient Noble Metal-Free Electrocatalysts for Hydrogen Evolution Reaction in Acidic Media. Electrochimica Acta, 2017, 245, 193-200.	5.2	6
17	Heteroatoms dual doped porous graphene nanosheets as efficient bifunctional metal-free electrocatalysts for overall water-splitting. Journal of Materials Chemistry A, 2017, 5, 7784-7790.	10.3	95
18	Fluorineâ€Doped and Partially Oxidized Tantalum Carbides as Nonprecious Metal Electrocatalysts for Methanol Oxidation Reaction in Acidic Media. Advanced Materials, 2016, 28, 2163-2169.	21.0	63

#	Article	IF	Citations
19	Porous MoO₂ Nanosheets as Nonâ€noble Bifunctional Electrocatalysts for Overall Water Splitting. Advanced Materials, 2016, 28, 3785-3790.	21.0	729
20	Hydrogen evolution reaction in acidic media on single-crystalline titanium nitride nanowires as an efficient non-noble metal electrocatalyst. Journal of Materials Chemistry A, 2016, 4, 3673-3677.	10.3	109