

Xin Bo

List of Publications by Year in descending order

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16
papers

949
citations

687363

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1395
citing authors

#	ARTICLE	IF	CITATIONS
1	The nature of synergistic effects in transition metal oxides/in-situ intermediate-hydroxides for enhanced oxygen evolution reaction. <i>Current Opinion in Electrochemistry</i> , 2022, 34, 100987.	4.8	7
2	Operando identification of active sites in Co-Cr oxyhydroxide oxygen evolution electrocatalysts. <i>Nano Energy</i> , 2022, 101, 107562.	16.0	14
3	Investigation of the synergistic effect on cobalt oxide modified silver surface for electrocatalytic hydrogen evolution reaction. <i>Journal of Alloys and Compounds</i> , 2021, 869, 159324.	5.5	14
4	Capturing the active sites of multimetallic (oxy)hydroxides for the oxygen evolution reaction. <i>Energy and Environmental Science</i> , 2020, 13, 4225-4237.	30.8	186
5	Implanting Ni-O-VO _x sites into Cu-doped Ni for low-overpotential alkaline hydrogen evolution. <i>Nature Communications</i> , 2020, 11, 2720.	12.8	113
6	Microwave-Induced Plasma Synthesis of Defect-Rich, Highly Ordered Porous Phosphorus-Doped Cobalt Oxides for Overall Water Electrolysis. <i>Journal of Physical Chemistry C</i> , 2020, 124, 9971-9978.	3.1	26
7	Operando Raman Spectroscopy Reveals Cr-Induced-Phase Reconstruction of NiFe and CoFe Oxyhydroxides for Enhanced Electrocatalytic Water Oxidation. <i>Chemistry of Materials</i> , 2020, 32, 4303-4311.	6.7	115
8	Design of Multi-Metallic-Based Electrocatalysts for Enhanced Water Oxidation. <i>ChemPhysChem</i> , 2019, 20, 2936-2945.	2.1	48
9	Microwave-assisted shock synthesis of diverse ultrathin graphene-derived materials. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1433-1439.	5.9	13
10	Manipulation of Charge Transport by Metallic V ₁₃ O ₁₆ Decorated on Bismuth Vanadate Photoelectrochemical Catalyst. <i>Advanced Materials</i> , 2019, 31, e1807204.	21.0	57
11	Processable Surface Modification of Nickel-Heteroatom (N, S) Bridge Sites for Promoted Alkaline Hydrogen Evolution. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 461-466.	13.8	95
12	Dynamic Hydrogen Bubble Templated NiCu Phosphide Electrodes for pH-Insensitive Hydrogen Evolution Reactions. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 2866-2871.	6.7	66
13	High valence chromium regulated cobalt-iron-hydroxide for enhanced water oxidation. <i>Journal of Power Sources</i> , 2018, 402, 381-387.	7.8	60
14	Processable Surface Modification of Nickel-Heteroatom (N, S) Bridge Sites for Promoted Alkaline Hydrogen Evolution. <i>Angewandte Chemie</i> , 2018, 131, 471.	2.0	19
15	Low-Temperature Synthesis of Cuboid Silver Tetrathiotungstate (Ag ₂ WS ₄) as Electrocatalyst for Hydrogen Evolution Reaction. <i>Inorganic Chemistry</i> , 2018, 57, 5791-5800.	4.0	20
16	NiFeCr Hydroxide Holey Nanosheet as Advanced Electrocatalyst for Water Oxidation. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 41239-41245.	8.0	96