

Zhefei Zhao

List of Publications by Year in descending order

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15
papers

326
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933447

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996975

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times ranked

491
citing authors

#	ARTICLE	IF	CITATIONS
1	Cooperative effect of bimetallic MOF-derived CoNi(OH) ₂ @NiCo ₂ S ₄ nanocomposite electrocatalysts with boosted oxygen evolution activity. <i>Nanotechnology</i> , 2022, 33, 265701.	2.6	2
2	Bimetallic sites and coordination effects: electronic structure engineering of NiCo-based sulfide for 5-hydroxymethylfurfural electrooxidation. <i>Catalysis Science and Technology</i> , 2022, 12, 3817-3825.	4.1	15
3	TiO ₂ @PDA inorganic-organic core-shell skeleton supported Pd nanodots for enhanced electrocatalytic hydrodechlorination. <i>Journal of Hazardous Materials</i> , 2022, 435, 128998.	12.4	20
4	Ultrathin 2D flower-like CoP@C with the active (211) facet for efficient electrocatalytic water splitting. <i>CrystEngComm</i> , 2021, 23, 1777-1784.	2.6	9
5	Facile construction TiO ₂ /ZnIn ₂ S ₄ /Zn _{0.4} Ca _{0.6} In ₂ S ₄ ternary hetero-structure photo-anode with enhanced photo-electrochemical water-splitting performance. <i>Surfaces and Interfaces</i> , 2021, 26, 101323.	3.0	1
6	Improved CO ₂ photocatalytic reduction using a novel 3-component heterojunction. <i>Nano Energy</i> , 2019, 62, 426-433.	16.0	52
7	Synergistic effect of silane and graphene oxide for enhancing the photoelectrochemical water oxidation performance of WO ₃ NS arrays. <i>Electrochimica Acta</i> , 2018, 292, 322-330.	5.2	12
8	Carbon quantum dot sensitized Pt@Bi ₂ WO ₆ /FTO electrodes for enhanced photoelectro-catalytic activity of methanol oxidation. <i>RSC Advances</i> , 2017, 7, 26943-26951.	3.6	31
9	Molecules interface engineering derived external electric field for effective charge separation in photoelectrocatalysis. <i>Nano Energy</i> , 2017, 42, 90-97.	16.0	33
10	Etching treatment of vertical WO ₃ nanoplates as a photoanode for enhanced photoelectrochemical performance. <i>RSC Advances</i> , 2016, 6, 68204-68210.	3.6	27
11	A Facile Synthesis of Tungsten Carbide/Carbon Nanocomposite as a Non-Platinum Electrocatalyst for Methanol Oxidation. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 7579-7583.	0.9	4
12	Carbon Quantum Dots sensitized Vertical WO ₃ Nanoplates with Enhanced Photoelectrochemical Properties. <i>ChemistrySelect</i> , 2016, 1, 2772-2777.	1.5	25
13	Highly selective adsorption of organic dyes onto tungsten trioxide nanowires. <i>Research on Chemical Intermediates</i> , 2016, 42, 5639-5651.	2.7	7
14	Hierarchically structured WO ₃ @CNT@TiO ₂ NS composites with enhanced photocatalytic activity. <i>Journal of Materials Chemistry A</i> , 2015, 3, 5467-5473.	10.3	23
15	Biomimetic CNT@TiO ₂ composite with enhanced photocatalytic properties. <i>Chemical Engineering Journal</i> , 2015, 281, 60-68.	12.7	65