

# Zhefei Zhao

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

326  
citations

933447

10  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

491  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomimetic CNT@TiO <sub>2</sub> composite with enhanced photocatalytic properties. <i>Chemical Engineering Journal</i> , 2015, 281, 60-68.	12.7	65
2	Improved CO <sub>2</sub> photocatalytic reduction using a novel 3-component heterojunction. <i>Nano Energy</i> , 2019, 62, 426-433.	16.0	52
3	Molecules interface engineering derived external electric field for effective charge separation in photoelectrocatalysis. <i>Nano Energy</i> , 2017, 42, 90-97.	16.0	33
4	Carbon quantum dot sensitized Pt@Bi <sub>2</sub> WO <sub>6</sub> /FTO electrodes for enhanced photoelectro-catalytic activity of methanol oxidation. <i>RSC Advances</i> , 2017, 7, 26943-26951.	3.6	31
5	Etching treatment of vertical WO <sub>3</sub> nanoplates as a photoanode for enhanced photoelectrochemical performance. <i>RSC Advances</i> , 2016, 6, 68204-68210.	3.6	27
6	Carbon Quantum Dots sensitized Vertical WO <sub>3</sub> Nanoplates with Enhanced Photoelectrochemical Properties. <i>ChemistrySelect</i> , 2016, 1, 2772-2777.	1.5	25
7	Hierarchically structured WO <sub>3</sub> @CNT@TiO <sub>2</sub> NS composites with enhanced photocatalytic activity. <i>Journal of Materials Chemistry A</i> , 2015, 3, 5467-5473.	10.3	23
8	TiO <sub>2</sub> @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
9	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
10	Synergistic effect of silane and graphene oxide for enhancing the photoelectrochemical water oxidation performance of WO <sub>3</sub> NS arrays. <i>Electrochimica Acta</i> , 2018, 292, 322-330.	5.2	12
11	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
12	Highly selective adsorption of organic dyes onto tungsten trioxide nanowires. <i>Research on Chemical Intermediates</i> , 2016, 42, 5639-5651.	2.7	7
13	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
14	Cooperative effect of bimetallic MOF-derived CoNi(OH) <sub>2</sub> @NiCo <sub>2</sub> S <sub>4</sub> nanocomposite electrocatalysts with boosted oxygen evolution activity. <i>Nanotechnology</i> , 2022, 33, 265701.	2.6	2
15	Facile construction TiO <sub>2</sub> /ZnIn <sub>2</sub> S <sub>4</sub> /Zn <sub>0.4</sub> Ca <sub>0.6</sub> In <sub>2</sub> S <sub>4</sub> ternary hetero-structure photo-anode with enhanced photo-electrochemical water-splitting performance. <i>Surfaces and Interfaces</i> , 2021, 26, 101323.	3.0	1