

Huimin Yang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Enhanced water dissociation performance of graphitic-C ₃ N ₄ assembled with ZnCr-layered double hydroxide. <i>Chemical Engineering Journal</i> , 2018, 337, 560-566.	6.6	38
2	Performance of sodium bromate as cathodic electron acceptor in microbial fuel cell. <i>Bioresource Technology</i> , 2016, 202, 220-225.	4.8	28
3	Synthesis and Characterization of (Cu, S) Co-doped SnO ₂ for Electrochemical Reduction of CO ₂ to Formate at Low Overpotential. <i>ChemElectroChem</i> , 2018, 5, 1330-1335.	1.7	28
4	Bi ₂ S ₃ quantum dots in situ grown on MoS ₂ nanoflowers: An efficient electron-rich interface for photoelectrochemical N ₂ reduction. <i>Journal of Colloid and Interface Science</i> , 2022, 611, 294-305.	5.0	26
5	Poly(3,4-ethylenedioxythiophene) Based Solid-State Polymer Supercapacitor with Ionic Liquid Gel Polymer Electrolyte. <i>Polymers</i> , 2020, 12, 297.	2.0	24
6	A photocatalytic graphene quantum dots/Cu ₂ O/bipolar membrane as a separator for water splitting. <i>New Journal of Chemistry</i> , 2016, 40, 3075-3079.	1.4	18
7	A novel photoelectrocatalytic approach for water splitting by an I-BiOCl/bipolar membrane sandwich structure. <i>Green Chemistry</i> , 2015, 17, 199-203.	4.6	17
8	Defect-engineering of tin oxide via (Cu, N) co-doping for electrocatalytic and photocatalytic CO ₂ reduction into formate. <i>Chemical Engineering Science</i> , 2020, 227, 115947.	1.9	16
9	A novel method for evaluating the photoelectrocatalytic performance of reduced graphene oxide/protonated g-C ₃ N ₄ composites. <i>Materials Letters</i> , 2016, 176, 209-212.	1.3	15
10	Excellent performance of the photoelectrocatalytic CO ₂ reduction to formate by Bi ₂ S ₃ /ZIF-8 composite. <i>Applied Surface Science</i> , 2022, 579, 152206.	3.1	12
11	Enhanced photoelectric performance of (2Al, S) co-doped rutile SnO ₂ . <i>RSC Advances</i> , 2017, 7, 42940-42945.	1.7	11
12	Effects of Bi and S co-doping on the enhanced photoelectric performance of ZnO: Theoretical and experimental investigations. <i>Journal of Alloys and Compounds</i> , 2021, 872, 159648.	2.8	10
13	Surface Modification of Tin Dioxide via (Bi, S) Co-doping for Photoelectrocatalytic Reduction of CO ₂ to Formate. <i>ChemElectroChem</i> , 2019, 6, 3782-3790.	1.7	9
14	Insights into the Photoassisted Electrocatalytic Reduction of CO ₂ over a Two-dimensional MoS ₂ Nanostructure Loaded on SnO ₂ Nanoparticles. <i>ChemElectroChem</i> , 2019, 6, 3077-3084.	1.7	9
15	Enhanced Photoelectrocatalytic H ₂ Evolution over Two-dimensional MoS ₂ Nanosheets Loaded on Cu-doped CdS Nanorods. <i>ChemElectroChem</i> , 2019, 6, 714-723.	1.7	9
16	PEDOT solid-state polymer supercapacitor assembled with a KI-doped gel polymer electrolyte. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48723.	1.3	8
17	Preparation of Cu ⁺ /MoS ₂ /CdS Composite and Photoelectrocatalysis for Hydrogen Evolution. <i>ChemistrySelect</i> , 2021, 6, 2878-2886.	0.7	6
18	Capacitance properties of unipolar pulsed electro-polymerized PEDOT films. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46729.	1.3	5

#	ARTICLE	IF	CITATIONS
19	Synthesis of epichlorohydrin from 1,3-dichlorohydrin with solid catalysts using Al_2O_3 as carrier material. Asia-Pacific Journal of Chemical Engineering, 2020, 15, e2424.	0.8	5
20	A BiOCl/bipolar membrane as a separator for regenerating NaOH in water-splitting cells. RSC Advances, 2016, 6, 9880-9883.	1.7	4
21	Enhanced photoelectrocatalytic performance of Bi-MnO_2 by Sb and N charge compensation. New Journal of Chemistry, 2021, 45, 22261-22268.	1.4	0