

Bo Zhou

List of Publications by Year in descending order

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11
papers

1,519
citations

933447

10
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

953
citing authors

#	ARTICLE	IF	CITATIONS
1	Tailoring Competitive Adsorption Sites by Oxygen Vacancy on Cobalt Oxides to Enhance the Electrooxidation of Biomass. <i>Advanced Materials</i> , 2022, 34, e2107185.	21.0	162
2	Combined anodic and cathodic hydrogen production from aldehyde oxidation and hydrogen evolution reaction. <i>Nature Catalysis</i> , 2022, 5, 66-73.	34.4	276
3	Integrated Catalytic Sites for Highly Efficient Electrochemical Oxidation of the Aldehyde and Hydroxyl Groups in 5-Hydroxymethylfurfural. <i>ACS Catalysis</i> , 2022, 12, 4242-4251.	11.2	74
4	Engineering O ₂ Species in Boron Nitrous Nanotubes Increases Olefins for Propane Oxidative Dehydrogenation. <i>Journal of the American Chemical Society</i> , 2022, 144, 5930-5936.	13.7	21
5	Coupling Glucose-Assisted Cu(I)/Cu(II) Redox with Electrochemical Hydrogen Production. <i>Advanced Materials</i> , 2021, 33, e2104791.	21.0	126
6	Platinum Modulates Redox Properties and 5-Hydroxymethylfurfural Adsorption Kinetics of Ni(OH) ₂ for Biomass Upgrading. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22908-22914.	13.8	154
7	Platinum Modulates Redox Properties and 5-Hydroxymethylfurfural Adsorption Kinetics of Ni(OH) ₂ for Biomass Upgrading. <i>Angewandte Chemie</i> , 2021, 133, 23090-23096.	2.0	8
8	O-coordinated W-Mo dual-atom catalyst for pH-universal electrocatalytic hydrogen evolution. <i>Science Advances</i> , 2020, 6, eaba6586.	10.3	263
9	Electrochemical Oxidation of 5-Hydroxymethylfurfural on Nickel Nitride/Carbon Nanosheets: Reaction Pathway Determined by In Situ Sum Frequency Generation Vibrational Spectroscopy. <i>Angewandte Chemie</i> , 2019, 131, 16042-16050.	2.0	100
10	Electrochemical Oxidation of 5-Hydroxymethylfurfural on Nickel Nitride/Carbon Nanosheets: Reaction Pathway Determined by In Situ Sum Frequency Generation Vibrational Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15895-15903.	13.8	309
11	Highly Efficient Hydrogen Evolution Reaction on a Single-Atom Catalyst with a High Coordination Compression Twin in Magnesium Alloys. <i>Journal of Materials Science and Technology</i> , 2019, 35, 2263-2268.	10.7	26