Ying Huang

List of Publications by Year
in descending order

13	657	1163117 8	1372567 10
papers	citations	h-index	g-index

13	13	13	915
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Catalysts by pyrolysis: Direct observation of transformations during re-pyrolysis of transition metal-nitrogen-carbon materials leading to state-of-the-art platinum group metal-free electrocatalyst. Materials Today, 2022, 53, 58-70.	14.2	23
2	Highly Durable and Selective Fe- and Mo-Based Atomically Dispersed Electrocatalysts for Nitrate Reduction to Ammonia via Distinct and Synergized NO₂^{â€“} Pathways. ACS Catalysis, 2022, 12, 6651-6662.	11.2	58
3	Electrochemical Trends of Atomically Dispersed Metal-Nitrogen-Carbon Materials As Oxygen Reduction Reaction Catalysts and Active Supports. ECS Meeting Abstracts, 2022, MA2022-01, 1472-1472.	0.0	0
4	The Role of Atomically Dispersed Transition Metal Centers for the Electrochemical Nitrate Reduction Reaction Towards Ammonia Synthesis. ECS Meeting Abstracts, 2022, MA2022-01, 1806-1806.	0.0	0
5	Identification of durable and non-durable FeNx sites in Feâ€“Nâ€“C materials for proton exchange membrane fuel cells. Nature Catalysis, 2021, 4, 10-19.	34.4	368
6	Interpreting Ionic Conductivity for Polymer Electrolyte Fuel Cell Catalyst Layers with Electrochemical Impedance Spectroscopy and Transmission Line Modeling. Journal of the Electrochemical Society, 2021, 168, 054502.	2.9	12
7	Pyrolysis of Metal Organic Frameworks (MOF): Transformations Leading to Formation of Transition Metal-Nitrogen-Carbon Catalysts. ECS Meeting Abstracts, 2021, MA2021-01, 476-476.	0.0	2
8	Measurement of Contact Angles at Carbon Fiber-Water-Air Triple Phase Boundaries inside Gas Diffusion Media of Polymer Electrolyte Membrane Fuel Cells from Xray Computed Tomography. ECS Meeting Abstracts, 2021, MA2021-01, 968-968.	0.0	1
9	Catalysts by pyrolysis: Direct observation of chemical and morphological transformations leading to transition metal-nitrogen-carbon materials. Materials Today, 2021, 47, 53-68.	14.2	30
10	Carbon Corrosion in Polymer Electrolyte Fuel Cells: A Complex Interplay between Morphological Changes and Electrochemical Performance. ECS Meeting Abstracts, 2021, MA2021-02, 1957-1957.	0.0	0
11	Using operando techniques to understand and design high performance and stable alkaline membrane fuel cells. Nature Communications, 2020, 11, 3561.	12.8	113
12	Disintegration of Nannochloropsis sp. cells in an improved turbine bead mill. Bioresource Technology, 2017, 245, 641-648.	9.6	10
13	Effects of precipitation, liquid formation, and intervalence charge transfer on the properties and photocatalytic performance of cobalt- or vanadium-doped TiO2 thin films. International Journal of Hydrogen Energy, 2016, 41, 19025-19056.	7.1	40