

Chengyi Hu

List of Publications by Year in descending order

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16
papers

1,806
citations

567281

15
h-index

940533

16
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all docs

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docs citations

16
times ranked

3346
citing authors

#	ARTICLE	IF	CITATIONS
1	Atomic overlayer of permeable microporous cuprous oxide on palladium promotes hydrogenation catalysis. <i>Nature Communications</i> , 2022, 13, 2597.	12.8	22
2	Copper-hydride nanoclusters with enhanced stability by N-heterocyclic carbenes. <i>Nano Research</i> , 2021, 14, 3303-3308.	10.4	33
3	Chemical Insights into Interfacial Effects in Inorganic Nanomaterials. <i>Advanced Materials</i> , 2021, 33, e2006159.	21.0	22
4	2D surface induced self-assembly of Pd nanocrystals into nanostrings for enhanced formic acid electrooxidation. <i>Journal of Materials Chemistry A</i> , 2020, 8, 17128-17135.	10.3	9
5	Self-Limiting Growth of Two-Dimensional Palladium between Graphene Oxide Layers. <i>Nano Letters</i> , 2019, 19, 4678-4683.	9.1	18
6	Thiol Treatment Creates Selective Palladium Catalysts for Semihydrogenation of Internal Alkynes. <i>CheM</i> , 2018, 4, 1080-1091.	11.7	145
7	Co-crystallization of atomically precise metal nanoparticles driven by magic atomic and electronic shells. <i>Nature Communications</i> , 2018, 9, 3357.	12.8	95
8	Self-Supported 3D PdCu Alloy Nanosheets as a Bifunctional Catalyst for Electrochemical Reforming of Ethanol. <i>Small</i> , 2017, 13, 1602970.	10.0	168
9	Identifying the electrocatalytic sites of nickel disulfide in alkaline hydrogen evolution reaction. <i>Nano Energy</i> , 2017, 41, 148-153.	16.0	168
10	Ultrastable atomic copper nanosheets for selective electrochemical reduction of carbon dioxide. <i>Science Advances</i> , 2017, 3, e1701069.	10.3	211
11	In Situ Electrochemical Production of Ultrathin Nickel Nanosheets for Hydrogen Evolution Electrocatalysis. <i>CheM</i> , 2017, 3, 122-133.	11.7	214
12	Electrochemical Partial Reforming of Ethanol into Ethyl Acetate Using Ultrathin Co ₃ O ₄ Nanosheets as a Highly Selective Anode Catalyst. <i>ACS Central Science</i> , 2016, 2, 538-544.	11.3	120
13	Asymmetric Synthesis of Chiral Bimetallic [Ag ₂₈ Cu ₁₂ (SR) ₂₄] ⁴⁺ Nanoclusters via Ion Pairing. <i>Journal of the American Chemical Society</i> , 2016, 138, 12751-12754.	13.7	196
14	Identifying the Molecular Structures of Intermediates for Optimizing the Fabrication of High-Quality Perovskite Films. <i>Journal of the American Chemical Society</i> , 2016, 138, 9919-9926.	13.7	249
15	Interfacial Effects in PdAg Bimetallic Nanosheets for Selective Dehydrogenation of Formic Acid. <i>ChemNanoMat</i> , 2016, 2, 28-32.	2.8	70
16	Electrostatic Self-Assembling Formation of Pd Superlattice Nanowires from Surfactant-Free Ultrathin Pd Nanosheets. <i>Journal of the American Chemical Society</i> , 2014, 136, 12856-12859.	13.7	66