Mufan Li

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4585965/publications.pdf

Version: 2024-02-01

20 papers	7,795 citations	471509 17 h-index	794594 19 g-index
20 all docs	20 docs citations	20 times ranked	11029 citing authors

#	Article	IF	Citations
1	Sulfur-doped graphene anchoring of ultrafine Au25 nanoclusters for electrocatalysis. Nano Research, 2021, 14, 3509-3513.	10.4	26
2	Ligand removal of Au25 nanoclusters by thermal and electrochemical treatments for selective CO2 electroreduction to CO. Journal of Chemical Physics, 2021, 155, 051101.	3.0	16
3	Revealing Structure Properties of ZIF-8 Particles Prepared by Wet Chemical Etching via 3D Electron Tomography. , 2021, 3, 171-178.		17
4	Cu-Ag Tandem Catalysts for High-Rate CO2 Electrolysis toward Multicarbons. Joule, 2020, 4, 1688-1699.	24.0	239
5	High-Performance Ptâ€“Co Nanoframes for Fuel-Cell Electrocatalysis. Nano Letters, 2020, 20, 1974-1979.	9.1	150
6	Single-atom tailoring of platinum nanocatalysts for high-performance multifunctional electrocatalysis. Nature Catalysis, 2019, 2, 495-503.	34.4	464
7	Ultrathin wavy Rh nanowires as highly effective electrocatalysts for methanol oxidation reaction with ultrahigh ECSA. Nano Research, 2019, 12, 211-215.	10.4	66
8	On-Chip in Situ Monitoring of Competitive Interfacial Anionic Chemisorption as a Descriptor for Oxygen Reduction Kinetics. ACS Central Science, 2018, 4, 590-599.	11.3	29
9	General synthesis and definitive structural identification of MN4C4 single-atom catalysts with tunable electrocatalytic activities. Nature Catalysis, 2018, 1, 63-72.	34.4	1,476
10	Solution-processable 2D semiconductors for high-performance large-area electronics. Nature, 2018, 562, 254-258.	27.8	644
11	Pt-Ni alloy catalysts for highly selective anti-Markovnikov alkene hydrosilylation. Science China Materials, 2018, 61, 1339-1344.	6.3	13
12	Effects of Catalyst Processing on the Activity and Stability of Ptâ€“Ni Nanoframe Electrocatalysts. ACS Nano, 2018, 12, 8697-8705.	14.6	80
13	Three-dimensional holey-graphene/niobia composite architectures for ultrahigh-rate energy storage. Science, 2017, 356, 599-604.	12.6	1,229
14	Composition tunable ternary Ptâ€“Niâ€“Co octahedra for optimized oxygen reduction activity. Chemical Communications, 2016, 52, 11215-11218.	4.1	44
15	Ultrafine jagged platinum nanowires enable ultrahigh mass activity for the oxygen reduction reaction. Science, 2016, 354, 1414-1419.	12.6	1,292
16	In situ development of highly concave and composition-confined PtNi octahedra with high oxygen reduction reaction activity and durability. Nano Research, 2016, 9, 149-157.	10.4	64
17	High-performance transition metalâ€“doped Pt ₃ Ni octahedra for oxygen reduction reaction. Science, 2015, 348, 1230-1234.	12.6	1,623
18	Synthesis of Stable Shape-Controlled Catalytically Active Î²-Palladium Hydride. Journal of the American Chemical Society, 2015, 137, 15672-15675.	13.7	117

#	Article	IF	Citations
19	Reduced graphene oxide/silicon nanowire heterostructures with enhanced photoactivity and superior photoelectrochemical stability. Nano Research, 2015, 8, 2850-2858.	10.4	34
20	A rational design of carbon-supported dispersive Pt-based octahedra as efficient oxygen reduction reaction catalysts. Energy and Environmental Science, 2014, 7, 2957-2962.	30.8	172