Mufan Li

List of Publications by Year
in descending order

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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	High-performance transition metalâ€“doped Pt ₃ Ni octahedra for oxygen reduction reaction. Science, 2015, 348, 1230-1234.	12.6	1,623
2	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
3	Ultrafine jagged platinum nanowires enable ultrahigh mass activity for the oxygen reduction reaction. Science, 2016, 354, 1414-1419.	12.6	1,292
4	Three-dimensional holey-graphene/niobia composite architectures for ultrahigh-rate energy storage. Science, 2017, 356, 599-604.	12.6	1,229
5	Solution-processable 2D semiconductors for high-performance large-area electronics. Nature, 2018, 562, 254-258.	27.8	644
6	Single-atom tailoring of platinum nanocatalysts for high-performance multifunctional electrocatalysis. Nature Catalysis, 2019, 2, 495-503.	34.4	464
7	Cu-Ag Tandem Catalysts for High-Rate CO2 Electrolysis toward Multicarbons. Joule, 2020, 4, 1688-1699.	24.0	239
8	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
9	High-Performance Ptâ€“Co Nanoframes for Fuel-Cell Electrocatalysis. Nano Letters, 2020, 20, 1974-1979.	9.1	150
10	Synthesis of Stable Shape-Controlled Catalytically Active Î²-Palladium Hydride. Journal of the American Chemical Society, 2015, 137, 15672-15675.	13.7	117
11	Effects of Catalyst Processing on the Activity and Stability of Ptâ€“Ni Nanoframe Electrocatalysts. ACS Nano, 2018, 12, 8697-8705.	14.6	80
12	Ultrathin wavy Rh nanowires as highly effective electrocatalysts for methanol oxidation reaction with ultrahigh ECSA. Nano Research, 2019, 12, 211-215.	10.4	66
13	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
14	Composition tunable ternary Ptâ€“Niâ€“Co octahedra for optimized oxygen reduction activity. Chemical Communications, 2016, 52, 11215-11218.	4.1	44
15	Reduced graphene oxide/silicon nanowire heterostructures with enhanced photoactivity and superior photoelectrochemical stability. Nano Research, 2015, 8, 2850-2858.	10.4	34
16	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
17	Sulfur-doped graphene anchoring of ultrafine Au25 nanoclusters for electrocatalysis. Nano Research, 2021, 14, 3509-3513.	10.4	26
18	Revealing Structure Properties of ZIF-8 Particles Prepared by Wet Chemical Etching via 3D Electron Tomography. , 2021, 3, 171-178.		17

#	Article	IF	Citations
19	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
20	Pt-Ni alloy catalysts for highly selective anti-Markovnikov alkene hydrosilylation. Science China Materials, 2018, 61, 1339-1344.	6.3	13