Woong Choi

List of Publications by Year
in descending order

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16	757	1040056	996975
papers	citations	9	15
		h-index	g-index

16	16	16	911
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Branched Copper Oxide Nanoparticles Induce Highly Selective Ethylene Production by Electrochemical Carbon Dioxide Reduction. Journal of the American Chemical Society, 2019, 141, 6986-6994.	13.7	260
2	Time-resolved observation of Câ€“C coupling intermediates on Cu electrodes for selective electrochemical CO₂ reduction. Energy and Environmental Science, 2020, 13, 4301-4311.	30.8	197
3	Electrocatalytic Reduction of Low Concentrations of CO₂ Gas in a Membrane Electrode Assembly Electrolyzer. ACS Energy Letters, 2021, 6, 3488-3495.	17.4	73
4	Catalyst design strategies for stable electrochemical CO₂ reduction reaction. Journal of Materials Chemistry A, 2020, 8, 15341-15357.	10.3	58
5	Origin of Hydrogen Incorporated into Ethylene during Electrochemical CO₂ Reduction in Membrane Electrode Assembly. ACS Energy Letters, 2022, 7, 939-945.	17.4	36
6	Metalâ€“semiconductor double shell hollow nanocubes for highly stable hydrogen generation photocatalysts. Journal of Materials Chemistry A, 2016, 4, 13414-13418.	10.3	30
7	A Resonanceâ€Shifting Hybrid nâ€Type Layer for Boosting Nearâ€Infrared Response in Highly Efficient Colloidal Quantum Dots Solar Cells. Advanced Materials, 2015, 27, 8102-8108.	21.0	28
8	Microenvironments of Cu catalysts in zero-gap membrane electrode assembly for efficient CO₂ electrolysis to C₂₊ products. Journal of Materials Chemistry A, 2022, 10, 10363-10372.	10.3	16
9	Understanding morphological degradation of Ag nanoparticle during electrochemical CO2 reduction reaction by identical location observation. Electrochimica Acta, 2021, 371, 137795.	5.2	15
10	Bimetallic Goldâ€“Silver Nanostructures Drive Low Overpotentials for Electrochemical Carbon Dioxide Reduction. ACS Applied Materials & Interfaces, 2022, 14, 6604-6614.	8.0	14
11	Regulation of electron-hole recombination kinetics on uniform metal-semiconductor nanostructures for photocatalytic hydrogen evolution. APL Materials, 2019, 7, 100702.	5.1	11
12	Strategies for Designing Nanoparticles for Electroâ€•and Photocatalytic CO₂ Reduction. Chemistry - an Asian Journal, 2020, 15, 253-265.	3.3	9
13	In Situ Monitoring of Individual Plasmonic Nanoparticles Resolves Multistep Nanoscale Sulfidation Reactions Hidden by Ensemble Average. Journal of Physical Chemistry C, 2019, 123, 23113-23123.	3.1	5
14	Surface overgrowth on gold nanoparticles modulating high-energy facets for efficient electrochemical CO2 reduction. Nanoscale, 2021, 13, 14346-14353.	5.6	4
15	Metalâ€“CdSe Double Shell Hollow Nanocubes via Sequential Nanoscale Reactions and Their Photocatalytic Hydrogen Evolution. Topics in Catalysis, 2018, 61, 965-976.	2.8	1
16	Synthesis of Gold Nanoparticles in Liquid Phase. , 2017, , 165-200.		0