

Sichao

List of Publications by Year in descending order

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12
papers

4,168
citations

758635

12
h-index

1199166

12
g-index

12
all docs

12
docs citations

12
times ranked

4967
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical conversion of CO ₂ to useful chemicals: current status, remaining challenges, and future opportunities. <i>Current Opinion in Chemical Engineering</i> , 2013, 2, 191-199.	3.8	645
2	Electroreduction of Carbon Dioxide to Hydrocarbons Using Bimetallic Cu-Pd Catalysts with Different Mixing Patterns. <i>Journal of the American Chemical Society</i> , 2017, 139, 47-50.	6.6	632
3	A metal-free electrocatalyst for carbon dioxide reduction to multi-carbon hydrocarbons and oxygenates. <i>Nature Communications</i> , 2016, 7, 13869.	5.8	505
4	A Gross-Margin Model for Defining Technoeconomic Benchmarks in the Electroreduction of CO ₂ . <i>ChemSusChem</i> , 2016, 9, 1972-1979.	3.6	485
5	One-step electrosynthesis of ethylene and ethanol from CO ₂ in an alkaline electrolyzer. <i>Journal of Power Sources</i> , 2016, 301, 219-228.	4.0	399
6	Nanoparticle Silver Catalysts That Show Enhanced Activity for Carbon Dioxide Electrolysis. <i>Journal of Physical Chemistry C</i> , 2013, 117, 1627-1632.	1.5	369
7	The effect of electrolyte composition on the electroreduction of CO ₂ to CO on Ag based gas diffusion electrodes. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 7075-7084.	1.3	367
8	Silver Supported on Titania as an Active Catalyst for Electrochemical Carbon Dioxide Reduction. <i>ChemSusChem</i> , 2014, 7, 866-874.	3.6	189
9	Influence of dilute feed and pH on electrochemical reduction of CO ₂ to CO on Ag in a continuous flow electrolyzer. <i>Electrochimica Acta</i> , 2015, 166, 271-276.	2.6	169
10	Nitrogen-Based Catalysts for the Electrochemical Reduction of CO ₂ to CO. <i>Journal of the American Chemical Society</i> , 2012, 134, 19520-19523.	6.6	168
11	Carbon nanotube containing Ag catalyst layers for efficient and selective reduction of carbon dioxide. <i>Journal of Materials Chemistry A</i> , 2016, 4, 8573-8578.	5.2	166
12	Efficient Electrochemical Flow System with Improved Anode for the Conversion of CO ₂ to CO. <i>Journal of the Electrochemical Society</i> , 2014, 161, F1124-F1131.	1.3	74