

# Tim MÄjller

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4479959/publications.pdf>

Version: 2024-02-01

11  
papers

1,089  
citations

1163117

8  
h-index

1474206

9  
g-index

11  
all docs

11  
docs citations

11  
times ranked

1607  
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient CO <sub>2</sub> to CO electrolysis on solid Ni <sup>0</sup> catalysts at industrial current densities. Energy and Environmental Science, 2019, 12, 640-647.	30.8	357
2	Alloy Nanocatalysts for the Electrochemical Oxygen Reduction (ORR) and the Direct Electrochemical Carbon Dioxide Reduction Reaction (CO <sub>2</sub> RR). Advanced Materials, 2019, 31, e1805617.	21.0	255
3	Morphology and mechanism of highly selective Cu(II) oxide nanosheet catalysts for carbon dioxide electroreduction. Nature Communications, 2021, 12, 794.	12.8	168
4	Electrocatalytic CO <sub>2</sub> Reduction on CuO Nanocubes: Tracking the Evolution of Chemical State, Geometric Structure, and Catalytic Selectivity using Operando Spectroscopy. Angewandte Chemie - International Edition, 2020, 59, 17974-17983.	13.8	138
5	The product selectivity zones in gas diffusion electrodes during the electrocatalytic reduction of CO <sub>2</sub> . Energy and Environmental Science, 2021, 14, 5995-6006.	30.8	57
6	Suppression of Competing Reaction Channels by Pb Adatom Decoration of Catalytically Active Cu Surfaces During CO <sub>2</sub> Electroreduction. ACS Catalysis, 2019, 9, 1482-1488.	11.2	46
7	Electrocatalytic CO <sub>2</sub> Reduction on CuO Nanocubes: Tracking the Evolution of Chemical State, Geometric Structure, and Catalytic Selectivity using Operando Spectroscopy. Angewandte Chemie, 2020, 132, 18130-18139.	2.0	45
8	DLS Setup for in Situ Measurements of Photoinduced Size Changes of Microgel-Based Hybrid Particles. Langmuir, 2018, 34, 3597-3603.	3.5	17
9	Highly Active and Stable Large Mo-Doped Pt <sup>0</sup> Ni Octahedral Catalysts for ORR: Synthesis, Post-treatments, and Electrochemical Performance and Stability. ACS Applied Materials & Interfaces, 2022, 14, 29690-29702.	8.0	6
10	Electrochemical Conversion of CO <sub>2</sub> into Hydrocarbons at Industrial Current Densities on Shaped Copper-oxide Gas Diffusion Electrodes. , 0, , .		0
11	Electrochemical Conversion of CO <sub>2</sub> into Hydrocarbons at Industrial Current Densities on Shaped Copper-oxide Gas Diffusion Electrodes. , 0, , .		0