

Nienke J Firet

List of Publications by Year in descending order

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9
papers

957
citations

1040056

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h-index

1474206

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9
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9
docs citations

9
times ranked

1779
citing authors

#	ARTICLE	IF	CITATIONS
1	Probing the Reaction Mechanism of CO ₂ Electroreduction over Ag Films via Operando Infrared Spectroscopy. ACS Catalysis, 2017, 7, 606-612.	11.2	327
2	Efficient BiVO ₄ Thin Film Photoanodes Modified with Cobalt Phosphate Catalyst and W-doping. ChemCatChem, 2013, 5, 490-496.	3.7	321
3	Operando EXAFS study reveals presence of oxygen in oxide-derived silver catalysts for electrochemical CO ₂ reduction. Journal of Materials Chemistry A, 2019, 7, 2597-2607.	10.3	125
4	In-situ Infrared Spectroscopy Applied to the Study of the Electrocatalytic Reduction of CO ₂ : Theory, Practice and Challenges. ChemPhysChem, 2019, 20, 2904-2925.	2.1	66
5	Spray-deposited Co-Pi Catalyzed BiVO ₄ : a low-cost route towards highly efficient photoanodes. Materials Research Society Symposia Proceedings, 2012, 1446, 7.	0.1	36
6	Chemisorption of Anionic Species from the Electrolyte Alters the Surface Electronic Structure and Composition of Photocharged BiVO ₄ . Chemistry of Materials, 2019, 31, 7453-7462.	6.7	30
7	Characterizing CO ₂ Reduction Catalysts on Gas Diffusion Electrodes: Comparing Activity, Selectivity, and Stability of Transition Metal Catalysts. ACS Applied Energy Materials, 2022, 5, 5983-5994.	5.1	23
8	Copper sulfide derived nanoparticles supported on carbon for the electrochemical reduction of carbon dioxide. Catalysis Today, 2021, 377, 157-165.	4.4	16
9	Copper and silver gas diffusion electrodes performing CO ₂ reduction studied through operando X-ray absorption spectroscopy. Catalysis Science and Technology, 2020, 10, 5870-5885.	4.1	13