

Kyle Groden

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

178
citations

1307594

7
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

315
citing authors

#	ARTICLE	IF	CITATIONS
1	Probing Active-Site Relocation in Cu/SSZ-13 SCR Catalysts during Hydrothermal Aging by In Situ EPR Spectroscopy, Kinetics Studies, and DFT Calculations. ACS Catalysis, 2020, 10, 9410-9419.	11.2	64
2	Accelerated Cu ₂ O Reduction by Single Pt Atoms at the Metal-Oxide Interface. ACS Catalysis, 2020, 10, 4215-4226.	11.2	34
3	Developing single-site Pt catalysts for the preferential oxidation of CO: A surface science and first principles-guided approach. Applied Catalysis B: Environmental, 2021, 284, 119716.	20.2	19
4	Water activation by single Pt atoms supported on a Cu ₂ O thin film. Journal of Catalysis, 2018, 364, 166-173.	6.2	18
5	Modeling the Adsorption of NO and NH ₃ on Fe-SSZ-13 from First-Principles: A DFT Study. Industrial & Engineering Chemistry Research, 2018, 57, 13396-13405.	3.7	16
6	Controlling Molecular Switching via Chemical Functionality: Ethyl vs Methoxy Rotors. Journal of Physical Chemistry C, 2019, 123, 23738-23746.	3.1	9
7	Understanding Enantioselective Interactions by Pulling Apart Molecular Rotor Complexes. ACS Nano, 2019, 13, 5939-5946.	14.6	8
8	First-Principles Approach to Extracting Chemical Information from X-ray Absorption Near-Edge Spectra of Ga-Containing Materials. Journal of Physical Chemistry C, 2021, 125, 27901-27908.	3.1	5
9	Visualizing the origin of rotational entropy effects in coadsorbed systems. Physical Review Research, 2020, 2, .	3.6	4
10	Elucidating CO Oxidation Pathways on Rh Atoms and Clusters on the α -Cu ₂ O/Cu(111) Surface. Journal of Physical Chemistry C, 2022, 126, 11091-11102.	3.1	1