

Tianjun Xie

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8131450/publications.pdf>

Version: 2024-02-01

8
papers

191
citations

1307594
7
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

162
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyethylene Hydrogenolysis at Mild Conditions over Ruthenium on Tungstated Zirconia. <i>Jacs Au</i> , 2021, 1, 1422-1434.	7.9	95
2	Insights into the roles of water on the aqueous phase reforming of glycerol. <i>Reaction Chemistry and Engineering</i> , 2019, 4, 383-392.	3.7	25
3	A DFT and MD study of aqueous-phase dehydrogenation of glycerol on Pt(1 1 1): comparing chemical accuracy versus computational expense in different methods for calculating aqueous-phase system energies. <i>Molecular Simulation</i> , 2017, 43, 370-378.	2.0	19
4	Identification of the Active Sites in the Dehydrogenation of Methanol on Pt/Al ₂ O ₃ Catalysts. <i>Journal of Physical Chemistry C</i> , 2020, 124, 19015-19023.	3.1	15
5	Insights into how the aqueous environment influences the kinetics and mechanisms of heterogeneously-catalyzed COH* and CH ₃ OH* dehydrogenation reactions on Pt(111). <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 9895-9904.	2.8	13
6	Active sites and effects of co-adsorbed H ₂ O on isolated methanol dehydrogenation over Pt/γ-Al ₂ O ₃ . <i>Journal of Catalysis</i> , 2021, 402, 218-228.	6.2	10
7	One-step synthesis of acid carbon and its catalytic activities for the oxathioacetalization. <i>Solid State Sciences</i> , 2010, 12, 1270-1273.	3.2	7
8	Multiscale Sampling of a Heterogeneous Water/Metal Catalyst Interface using Density Functional Theory and Force-Field Molecular Dynamics. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	7