

Sicong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/428142/publications.pdf>

Version: 2024-02-01

8
papers

331
citations

1307594
7
h-index

1588992
8
g-index

9
all docs

9
docs citations

9
times ranked

308
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine Learning for Atomic Simulation and Activity Prediction in Heterogeneous Catalysis: Current Status and Future. ACS Catalysis, 2020, 10, 13213-13226.	11.2	99
2	Dynamic coordination of cations and catalytic selectivity on zinc-chromium oxide alloys during syngas conversion. Nature Catalysis, 2019, 2, 671-677.	34.4	97
3	Heterogeneous catalysis from structure to activity via SSW-NN method. Journal of Chemical Physics, 2019, 151, 050901.	3.0	39
4	Zeolite-confined subnanometric PtSn mimicking mortise-and-tenon joinery for catalytic propane dehydrogenation. Nature Communications, 2022, 13, 2716.	12.8	33
5	Thermodynamic rules for zeolite formation from machine learning based global optimization. Chemical Science, 2020, 11, 10113-10118.	7.4	26
6	Zirconia-Supported ZnO Single Layer for Syngas Conversion Revealed from Machine-Learning Atomic Simulation. Journal of Physical Chemistry Letters, 2021, 12, 3328-3334.	4.6	15
7	Machine learning potential era of zeolite simulation. Chemical Science, 2022, 13, 5055-5068.	7.4	15
8	Determination of acid structures on the surface of sulfated monoclinic and tetragonal zirconia through experimental and theoretical approaches. Catalysis Science and Technology, 2022, 12, 596-605.	4.1	7