Sicong

List of Publications by Year
in descending order

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	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
2	Machine learning potential era of zeolite simulation. Chemical Science, 2022, 13, 5055-5068.	7.4	15
3	Zeolite-confined subnanometric PtSn mimicking mortise-and-tenon joinery for catalytic propane dehydrogenation. Nature Communications, 2022, 13, 2716.	12.8	33
4	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
5	Machine Learning for Atomic Simulation and Activity Prediction in Heterogeneous Catalysis: Current Status and Future. ACS Catalysis, 2020, 10, 13213-13226.	11.2	99
6	Thermodynamic rules for zeolite formation from machine learning based global optimization. Chemical Science, 2020, 11, 10113-10118.	7.4	26
7	Heterogeneous catalysis from structure to activity via SSW-NN method. Journal of Chemical Physics, 2019, 151, 050901.	3.0	39
8	Dynamic coordination of cations and catalytic selectivity on zinc–chromium oxide alloys during syngas conversion. Nature Catalysis, 2019, 2, 671-677.	34.4	97