Qian Yang

List of Publications by Year
in descending order

7 papers	317 citations	1684188 5 h-index	1720034 7 g-index
7 all docs	7 docs citations	7 times ranked	633 citing authors

#	Article	IF	Citations
1	Holistic computational structure screening of more than 12â€‰000 candidates for solid lithium-ion conductor materials. Energy and Environmental Science, 2017, 10, 306-320.	30.8	259
2	Learning reduced kinetic Monte Carlo models of complex chemistry from molecular dynamics. Chemical Science, 2017, 8, 5781-5796.	7.4	17
3	The Middle Science: Traversing Scale In Complex Many-Body Systems. ACS Central Science, 2021, 7, 1271-1287.	11.3	16
4	Transferable Kinetic Monte Carlo Models with Thousands of Reactions Learned from Molecular Dynamics Simulations. Journal of Physical Chemistry A, 2019, 123, 1874-1881.	2.5	10
5	L1 Regularization-Based Model Reduction of Complex Chemistry Molecular Dynamics for Statistical Learning of Kinetic Monte Carlo Models. MRS Advances, 2016, 1, 1767-1772.	0.9	7
6	Rapid data-driven model reduction of nonlinear dynamical systems including chemical reaction networks using â€ž"1-regularization. Chaos, 2020, 30, 053122.	2.5	5
7	Data-Driven Methods for Building Reduced Kinetic Monte Carlo Models of Complex Chemistry from Molecular Dynamics Simulations. Challenges and Advances in Computational Chemistry and Physics, 2019, , 209-227.	0.6	3