

# Qian Yang

## List of Publications by Year in descending order

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7  
papers

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citations

1684188  
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1720034  
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7  
all docs

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docs citations

7  
times ranked

633  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Middle Science: Traversing Scale In Complex Many-Body Systems. ACS Central Science, 2021, 7, 1271-1287.	11.3	16
2	Rapid data-driven model reduction of nonlinear dynamical systems including chemical reaction networks using $\ell_1$ -regularization. Chaos, 2020, 30, 053122.	2.5	5
3	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
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	Holistic computational structure screening of more than 120000 candidates for solid lithium-ion conductor materials. Energy and Environmental Science, 2017, 10, 306-320.	30.8	259
6	Learning reduced kinetic Monte Carlo models of complex chemistry from molecular dynamics. Chemical Science, 2017, 8, 5781-5796.	7.4	17
7	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