

Jonathan Weare

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

221
citations

1040056

9
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

159
citing authors

#	ARTICLE	IF	CITATIONS
1	Galerkin approximation of dynamical quantities using trajectory data. <i>Journal of Chemical Physics</i> , 2019, 150, 244111.	3.0	51
2	Steered transition path sampling. <i>Journal of Chemical Physics</i> , 2012, 136, 234103.	3.0	28
3	Eigenvector method for umbrella sampling enables error analysis. <i>Journal of Chemical Physics</i> , 2016, 145, 084115.	3.0	25
4	Integrated Variational Approach to Conformational Dynamics: A Robust Strategy for Identifying Eigenfunctions of Dynamical Operators. <i>Journal of Physical Chemistry B</i> , 2020, 124, 9354-9364.	2.6	23
5	Long-Time-Scale Predictions from Short-Trajectory Data: A Benchmark Analysis of the Trp-Cage Miniprotein. <i>Journal of Chemical Theory and Computation</i> , 2021, 17, 2948-2963.	5.3	20
6	Trajectory Stratification of Stochastic Dynamics. <i>SIAM Review</i> , 2018, 60, 909-938.	9.5	19
7	Path Properties of Atmospheric Transitions: Illustration with a Low-Order Sudden Stratospheric Warming Model. <i>Journals of the Atmospheric Sciences</i> , 2020, 77, 2327-2347.	1.7	16
8	Umbrella sampling: a powerful method to sample tails of distributions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 4069-4079.	4.4	15
9	Sharp Entrywise Perturbation Bounds for Markov Chains. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2015, 36, 917-941.	1.4	11
10	Computing transition path theory quantities with trajectory stratification. <i>Journal of Chemical Physics</i> , 2022, 157, .	3.0	8
11	Error Bounds for Dynamical Spectral Estimation. <i>SIAM Journal on Mathematics of Data Science</i> , 2021, 3, 225-252.	1.8	5