

Feliks Nske

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14
papers

808
citations

11
h-index

17
g-index

17
ext. papers

1,051
ext. citations

3.6
avg, IF

4.62
L-index

#	Paper	IF	Citations
14	Variational Approach to Molecular Kinetics. <i>Journal of Chemical Theory and Computation</i> , 2014 , 10, 1739-62	6.2	193
13	A Variational Approach to Modeling Slow Processes in Stochastic Dynamical Systems. <i>Multiscale Modeling and Simulation</i> , 2013 , 11, 635-655	1.8	180
12	Data-Driven Model Reduction and Transfer Operator Approximation. <i>Journal of Nonlinear Science</i> , 2018 , 28, 985-1010	2.8	124
11	Variational Koopman models: Slow collective variables and molecular kinetics from short off-equilibrium simulations. <i>Journal of Chemical Physics</i> , 2017 , 146, 154104	3.9	58
10	Sparse learning of stochastic dynamical equations. <i>Journal of Chemical Physics</i> , 2018 , 148, 241723	3.9	58
9	Data-driven approximation of the Koopman generator: Model reduction, system identification, and control. <i>Physica D: Nonlinear Phenomena</i> , 2020 , 406, 132416	3.3	45
8	Variational tensor approach for approximating the rare-event kinetics of macromolecular systems. <i>Journal of Chemical Physics</i> , 2016 , 144, 054105	3.9	43
7	Markov state models from short non-equilibrium simulations: Analysis and correction of estimation bias. <i>Journal of Chemical Physics</i> , 2017 , 146, 094104	3.9	37
6	Quantitative comparison of adaptive sampling methods for protein dynamics. <i>Journal of Chemical Physics</i> , 2018 , 149, 244119	3.9	25
5	Coarse-graining molecular systems by spectral matching. <i>Journal of Chemical Physics</i> , 2019 , 151, 044116	3.9	17
4	Kernel-Based Approximation of the Koopman Generator and Schrödinger Operator. <i>Entropy</i> , 2020 , 22,	2.8	11
3	Rapid Calculation of Molecular Kinetics Using Compressed Sensing. <i>Journal of Chemical Theory and Computation</i> , 2018 , 14, 2771-2783	6.4	10
2	Symmetric and antisymmetric kernels for machine learning problems in quantum physics and chemistry. <i>Machine Learning: Science and Technology</i> , 2021 , 2, 045016	5.1	5
1	Tensor-based computation of metastable and coherent sets. <i>Physica D: Nonlinear Phenomena</i> , 2021 , 427, 133018	3.3	1