Feliks Nske

List of Publications by Year in Descending Order

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	Symmetric and antisymmetric kernels for machine learning problems in quantum physics and chemistry. *Machine Learning: Science and Technology*, **2021**, 2, 045016	5.1	5
13	Tensor-based computation of metastable and coherent sets. *Physica D: Nonlinear Phenomena*, **2021**, 427, 133018	3.3	1
12	Data-driven approximation of the Koopman generator: Model reduction, system identification, and control. *Physica D: Nonlinear Phenomena*, **2020**, 406, 132416	3.3	45
11	Kernel-Based Approximation of the Koopman Generator and Schrödinger Operator. *Entropy*, **2020**, 22,	2.8	11
10	Coarse-graining molecular systems by spectral matching. *Journal of Chemical Physics*, **2019**, 151, 044116	3.9	17
9	Sparse learning of stochastic dynamical equations. *Journal of Chemical Physics*, **2018**, 148, 241723	3.9	58
8	Rapid Calculation of Molecular Kinetics Using Compressed Sensing. *Journal of Chemical Theory and Computation*, **2018**, 14, 2771-2783	6.4	10
7	Data-Driven Model Reduction and Transfer Operator Approximation. *Journal of Nonlinear Science*, **2018**, 28, 985-1010	2.8	124
6	Quantitative comparison of adaptive sampling methods for protein dynamics. *Journal of Chemical Physics*, **2018**, 149, 244119	3.9	25
5	Variational Koopman models: Slow collective variables and molecular kinetics from short off-equilibrium simulations. *Journal of Chemical Physics*, **2017**, 146, 154104	3.9	58
4	Markov state models from short non-equilibrium simulations—Analysis and correction of estimation bias. *Journal of Chemical Physics*, **2017**, 146, 094104	3.9	37
3	Variational tensor approach for approximating the rare-event kinetics of macromolecular systems. *Journal of Chemical Physics*, **2016**, 144, 054105	3.9	43
2	Variational Approach to Molecular Kinetics. *Journal of Chemical Theory and Computation*, **2014**, 10, 1739-52	6.4	193
1	A Variational Approach to Modeling Slow Processes in Stochastic Dynamical Systems. *Multiscale Modeling and Simulation*, **2013**, 11, 635-655	1.8	180