Jaideep Pathak

List of Publications by Year
in descending order

10	1,701	1040056 9	1372567 10
papers	citations	h-index	g-index

14	14	14	1125
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Hybrid Approach to Atmospheric Modeling That Combines Machine Learning With a Physicsâ€Based Numerical Model. Journal of Advances in Modeling Earth Systems, 2022, 14, .	3.8	18
2	Using data assimilation to train a hybrid forecast system that combines machine-learning and knowledge-based components. Chaos, 2021, 31, 053114.	2.5	23
3	Reservoir Computing for Forecasting Large Spatiotemporal Dynamical Systems. Natural Computing Series, 2021, , 117-138.	2.2	1
4	A Machine Learningâ€Based Global Atmospheric Forecast Model. Geophysical Research Letters, 2020, 47, e2020GL087776.	4.0	77
5	Combining machine learning with knowledge-based modeling for scalable forecasting and subgrid-scale closure of large, complex, spatiotemporal systems. Chaos, 2020, 30, 053111.	2.5	54
6	Using machine learning to assess short term causal dependence and infer network links. Chaos, 2019, 29, 121104.	2.5	26
7	Hybrid forecasting of chaotic processes: Using machine learning in conjunction with a knowledge-based model. Chaos, 2018, 28, 041101.	2.5	212
8	Model-Free Prediction of Large Spatiotemporally Chaotic Systems from Data: A Reservoir Computing Approach. Physical Review Letters, 2018, 120, 024102.	7.8	712
9	Reservoir observers: Model-free inference of unmeasured variables in chaotic systems. Chaos, 2017, 27, 041102.	2.5	200
10	Using machine learning to replicate chaotic attractors and calculate Lyapunov exponents from data. Chaos, 2017, 27, 121102.	2.5	376