

Jaideep Pathak

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3877493/publications.pdf>

Version: 2024-02-01

10
papers

1,701
citations

1040056

9
h-index

1372567

10
g-index

14
all docs

14
docs citations

14
times ranked

1125
citing authors

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