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List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

438
citations

933447

10
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

558
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear Principal Component Analysis by Neural Networks: Theory and Application to the Lorenz System. <i>Journal of Climate</i> , 2000, 13, 821-835.	3.2	115
2	Machine Learning for Stochastic Parameterization: Generative Adversarial Networks in the Lorenz '96 Model. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2019MS001896.	3.8	83
3	Climate Model Projections of 21st Century Global Warming Constrained Using the Observed Warming Trend. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086757.	4.0	55
4	Multiple Regimes of Wind, Stratification, and Turbulence in the Stable Boundary Layer. <i>Journals of the Atmospheric Sciences</i> , 2015, 72, 3178-3198.	1.7	49
5	Stochastic models of the meridional overturning circulation: time scales and patterns of variability. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2008, 366, 2525-2542.	3.4	19
6	Effects of time averaging on climate regimes. <i>Geophysical Research Letters</i> , 2004, 31, .	4.0	15
7	Stochastic Parameterization of Subgrid-Scale Velocity Enhancement of Sea Surface Fluxes. <i>Monthly Weather Review</i> , 2019, 147, 1447-1469.	1.4	15
8	Comments on "The Shortcomings of Nonlinear Principal Component Analysis in Identifying Circulation Regimes". <i>Journal of Climate</i> , 2007, 20, 375-377.	3.2	12
9	Northern Hemisphere circulation regimes: observed, simulated and predicted. <i>Climate Dynamics</i> , 2007, 28, 867-879.	3.8	11
10	Estimating concurrent climate extremes: A conditional approach. <i>Weather and Climate Extremes</i> , 2021, 33, 100332.	4.1	11
11	Model-Based Projections and Uncertainties of Near-Surface Wind Climate in Western Canada. <i>Journal of Applied Meteorology and Climatology</i> , 2016, 55, 2229-2245.	1.5	9
12	An Observational Constraint on Aviation-Induced Cirrus From the COVID-19-Induced Flight Disruption. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095882.	4.0	8
13	Lyapunov exponents of a simple stochastic model of the thermally and wind-driven ocean circulation. <i>Dynamics of Atmospheres and Oceans</i> , 2002, 35, 363-388.	1.8	7
14	How close are time series to power tail Lévy diffusions?. <i>Chaos</i> , 2017, 27, 073112.	2.5	6
15	Reduced $\hat{\pm}$ -stable dynamics for multiple time scale systems forced with correlated additive and multiplicative Gaussian white noise. <i>Chaos</i> , 2017, 27, 113105.	2.5	6
16	Probability distribution of sea surface wind stresses. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	5
17	Temporal Filtering Enhances the Skewness of Sea Surface Winds. <i>Journal of Climate</i> , 2018, 31, 5695-5706.	3.2	3
18	Emergent Constraints on CMIP6 Climate Warming Projections: Contrasting Cloud- and Surface Temperature-Based Constraints. <i>Journal of Climate</i> , 2021, , 1-61.	3.2	3

#	ARTICLE	IF	CITATIONS
19	Bispectral unfolding of the skewness of correlated additive and multiplicative noise processes. <i>Chaos</i> , 2020, 30, 023126.	2.5	2
20	Scale-Aware Space-Time Stochastic Parameterization of Subgrid-Scale Velocity Enhancement of Sea Surface Fluxes. <i>Journal of Advances in Modeling Earth Systems</i> , 2021, 13, e2020MS002367.	3.8	2
21	Nonstationary seasonal model for daily mean temperature distribution bridging bulk and tails. <i>Weather and Climate Extremes</i> , 2022, 36, 100438.	4.1	2