

Jonathan Demaeyer

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

273
citations

1307594

7
h-index

1281871

11
g-index

36
all docs

36
docs citations

36
times ranked

204
citing authors

#	ARTICLE	IF	CITATIONS
1	Statistical Postprocessing for Weather Forecasts: Review, Challenges, and Avenues in a Big Data World. <i>Bulletin of the American Meteorological Society</i> , 2021, 102, E681-E699.	3.3	106
2	Extratropical Low-Frequency Variability With ENSO Forcing: A Reduced-Order Coupled Model Study. <i>Journal of Advances in Modeling Earth Systems</i> , 2021, 13, e2021MS002530.	3.8	7
3	qgs: A flexible Python framework of reduced-order multiscale climate models. <i>Journal of Open Source Software</i> , 2020, 5, 2597.	4.6	9
4	Correcting for model changes in statistical postprocessing – an approach based on response theory. <i>Nonlinear Processes in Geophysics</i> , 2020, 27, 307-327.	1.3	5
5	Stochastic Parameterization of Subgrid-Scale Processes: A Review of Recent Physically Based Approaches. , 2018, , 55-85.		6
6	Exploring the Lyapunov instability properties of high-dimensional atmospheric and climate models. <i>Nonlinear Processes in Geophysics</i> , 2018, 25, 387-412.	1.3	26
7	Comparison of stochastic parameterizations in the framework of a coupled ocean-atmosphere model. <i>Nonlinear Processes in Geophysics</i> , 2018, 25, 605-631.	1.3	9
8	Stochastic parametrization of subgrid-scale processes in coupled ocean-atmosphere systems: benefits and limitations of response theory. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2017, 143, 881-896.	2.7	17
9	The Modular Arbitrary-Order Ocean-Atmosphere Model: MAOOAM v1.0. <i>Geoscientific Model Development</i> , 2016, 9, 2793-2808.	3.6	26
10	Low-frequency variability and heat transport in a low-order nonlinear coupled ocean-atmosphere model. <i>Physica D: Nonlinear Phenomena</i> , 2015, 309, 71-85.	2.8	35
11	A trace formula for activated escape in noisy maps. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2013, 2013, P10026.	2.3	4
12	Noise-induced escape from bifurcating attractors: Symplectic approach in the weak-noise limit. <i>Physical Review E</i> , 2009, 80, 031147.	2.1	9
13	Identifying efficient ensemble perturbations for initializing subseasonal-to-seasonal prediction. <i>Journal of Advances in Modeling Earth Systems</i> , 0, , .	3.8	3