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List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

468
citations

759233

12
h-index

713466

21
g-index

34
all docs

34
docs citations

34
times ranked

647
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical solutions of the vertical structure equation and associated energetics. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 51, 337.	1.7	7
2	Biases of the Barotropic Atmospheric Circulation Variability in CMIP6 Models. <i>Journal of Climate</i> , 2022, 35, 5071-5085.	3.2	2
3	An assessment of scale-dependent variability and bias in global prediction models. <i>Climate Dynamics</i> , 2020, 54, 287-306.	3.8	9
4	Three-dimensional normal mode functions: open-access tools for their computation in isobaric coordinates (p-3DNMF.v1). <i>Geoscientific Model Development</i> , 2020, 13, 2763-2781.	3.6	5
5	The energy cascade associated with daily variability of the North Atlantic Oscillation. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2019, 145, 197-210.	2.7	3
6	Diagnosis of Free and Convectively Coupled Equatorial Waves. <i>Mathematical Geosciences</i> , 2018, 50, 585-606.	2.4	5
7	Barotropic decelerations of the southern stratospheric polar vortex. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2017, 143, 744-755.	2.7	2
8	Water vapour stratification and dynamical warming behind the sharpness of the Earth's midlatitude tropopause. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2016, 142, 957-970.	2.7	9
9	Convectively coupled equatorial wave diagnosis using three-dimensional normal modes. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2015, 141, 2776-2792.	2.7	17
10	Unraveling the interactive effects of climate change and oil contamination on laboratory-simulated estuarine benthic communities. <i>Global Change Biology</i> , 2015, 21, 1871-1886.	9.5	28
11	Changes in the normal mode energetics of the general atmospheric circulation in a warmer climate. <i>Climate Dynamics</i> , 2014, 42, 1887-1903.	3.8	1
12	On the influence of physical parameterisations and domains configuration in the simulation of an extreme precipitation event. <i>Dynamics of Atmospheres and Oceans</i> , 2014, 68, 35-55.	1.8	10
13	Development and validation of an experimental life support system for assessing the effects of global climate change and environmental contamination on estuarine and coastal marine benthic communities. <i>Global Change Biology</i> , 2013, 19, 2584-2595.	9.5	18
14	A Detailed Normal-Mode Energetics of the General Circulation of the Atmosphere. <i>Journals of the Atmospheric Sciences</i> , 2012, 69, 2718-2732.	1.7	13
15	Relationships between Brewer-Dobson circulation, double tropopauses, ozone and stratospheric water vapour. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 10195-10208.	4.9	15
16	Association of double tropopause events with baroclinic waves. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	18
17	Corrigendum to "Increase of upper troposphere/lower stratosphere wave baroclinicity during the second half of the 20th century" published in <i>Atmos. Chem. Phys.</i> , 9, 9143-9153, 2009. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 9057-9058.	4.9	1
18	Dynamical connection between tropospheric blockings and stratospheric polar vortex. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	60

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19	Baroclinic Rossby Wave Forcing and Barotropic Rossby Wave Response to Stratospheric Vortex Variability. <i>Journals of the Atmospheric Sciences</i> , 2009, 66, 902-914.	1.7	15
20	Global atmospheric energetics from NCEPâ€œReanalysis 2 and ECMWFâ€œERA40 Reanalysis. <i>International Journal of Climatology</i> , 2009, 29, 159-174.	3.5	25
21	Increase of upper troposphere/lower stratosphere wave baroclinicity during the second half of the 20th century. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 9143-9153.	4.9	25
22	Highâ€œfrequency precipitation changes in southeastern Africa due to anthropogenic forcing. <i>International Journal of Climatology</i> , 2008, 28, 1239-1253.	3.5	11
23	Climatological features of global multiple tropopause events. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	50
24	Annular versus Nonannular Variability of the Northern Hemisphere Atmospheric Circulation. <i>Journal of Climate</i> , 2008, 21, 3180-3190.	3.2	2
25	Wave Energy Associated with the Variability of the Stratospheric Polar Vortex. <i>Journals of the Atmospheric Sciences</i> , 2007, 64, 2683-2694.	1.7	17
26	Bridging the Annular Mode and North Atlantic Oscillation paradigms. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	5
27	Singular spectrum analysis and forecasting of hydrological time series. <i>Physics and Chemistry of the Earth</i> , 2006, 31, 1172-1179.	2.9	85
28	North Atlantic Oscillation sensitivity to the El NiÃ±o/Southern Oscillation polarity in a large-ensemble simulation. <i>Climate Dynamics</i> , 2005, 24, 599-606.	3.8	8
29	The equatorial wave skeleton of the Maddenâ€œJulian Oscillation. <i>Quarterly Journal of the Royal Meteorological Society</i> , 0, , .	2.7	2