

Alvaro de la Cãmara

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,129
citations

430874

18
h-index

642732

23
g-index

34
all docs

34
docs citations

34
times ranked

1563
citing authors

#	ARTICLE	IF	CITATIONS
1	Can We Improve the Realism of Gravity Wave Parameterizations by Imposing Sources at All Altitudes in the Atmosphere?. <i>Journal of Advances in Modeling Earth Systems</i> , 2022, 14, .	3.8	7
2	Analyzing ozone variations and uncertainties at high latitudes during sudden stratospheric warming events using MERRA-2. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 5435-5458.	4.9	11
3	Twenty-First Century Trends in Mixing Barriers and Eddy Transport in the Lower Stratosphere. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089548.	4.0	5
4	How does knowledge of atmospheric gravity waves guide their parameterizations?. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2020, 146, 1529-1543.	2.7	40
5	Are Sudden Stratospheric Warmings Preceded by Anomalous Tropospheric Wave Activity?. <i>Journal of Climate</i> , 2019, 32, 7173-7189.	3.2	37
6	Non-orographic Gravity Waves: Representation in Climate Models and Effects on Infrasound. , 2019, , 827-844.		5
7	Changes in Stratospheric Transport and Mixing During Sudden Stratospheric Warmings. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 3356-3373.	3.3	31
8	Response of Arctic ozone to sudden stratospheric warmings. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 16499-16513.	4.9	26
9	Stratospheric Connection to the Abrupt End of the 2016/2017 Iberian Drought. <i>Geophysical Research Letters</i> , 2018, 45, 12,639.	4.0	32
10	Intra-seasonal variability of extreme boreal stratospheric polar vortex events and their precursors. <i>Climate Dynamics</i> , 2017, 49, 3473-3491.	3.8	12
11	On the Relation between Gravity Waves and Wind Speed in the Lower Stratosphere over the Southern Ocean. <i>Journals of the Atmospheric Sciences</i> , 2017, 74, 1075-1093.	1.7	28
12	Sensitivity of Sudden Stratospheric Warmings to Previous Stratospheric Conditions. <i>Journals of the Atmospheric Sciences</i> , 2017, 74, 2857-2877.	1.7	62
13	Modification of the Gravity Wave Parameterization in the Whole Atmosphere Community Climate Model: Motivation and Results. <i>Journals of the Atmospheric Sciences</i> , 2017, 74, 275-291.	1.7	180
14	Stochastic Parameterization: Toward a New View of Weather and Climate Models. <i>Bulletin of the American Meteorological Society</i> , 2017, 98, 565-588.	3.3	247
15	Climatology of the middle atmosphere in LMD z: Impact of source-related parameterizations of gravity wave drag. <i>Journal of Advances in Modeling Earth Systems</i> , 2016, 8, 1507-1525.	3.8	14
16	On the Gravity Wave Forcing during the Southern Stratospheric Final Warming in LMDZ. <i>Journals of the Atmospheric Sciences</i> , 2016, 73, 3213-3226.	1.7	31
17	Comparison of Gravity Waves in the Southern Hemisphere Derived from Balloon Observations and the ECMWF Analyses. <i>Journals of the Atmospheric Sciences</i> , 2015, 72, 3449-3468.	1.7	75
18	A parameterization of gravity waves emitted by fronts and jets. <i>Geophysical Research Letters</i> , 2015, 42, 2071-2078.	4.0	43

#	ARTICLE	IF	CITATIONS
19	On the Predictability of the Winter Euro-Atlantic Climate: Lagged Influence of Autumn Arctic Sea Ice. <i>Journal of Climate</i> , 2015, 28, 5195-5216.	3.2	84
20	Intermittency in a stochastic parameterization of nonorographic gravity waves. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 11,905.	3.3	38
21	Isentropic Transport within the Antarctic Polar-Night Vortex: Rossby Wave Breaking Evidence and Lagrangian Structures. <i>Journals of the Atmospheric Sciences</i> , 2013, 70, 2982-3001.	1.7	31
22	Routes of Transport across the Antarctic Polar Vortex in the Southern Spring. <i>Journals of the Atmospheric Sciences</i> , 2012, 69, 741-752.	1.7	35
23	Rotational atmospheric circulation during North Atlantic-European winter: the influence of ENSO. <i>Climate Dynamics</i> , 2011, 37, 1727-1743.	3.8	33
24	Polar night vortex breakdown and large-scale stirring in the southern stratosphere. <i>Climate Dynamics</i> , 2010, 35, 965-975.	3.8	19