

Jorge Eiras-Barca

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9288967/publications.pdf>

Version: 2024-02-01

21
papers

530
citations

623734

14
h-index

752698

20
g-index

34
all docs

34
docs citations

34
times ranked

614
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent progress on the sources of continental precipitation as revealed by moisture transport analysis. <i>Earth-Science Reviews</i> , 2020, 201, 103070.	9.1	71
2	Seasonal variations in North Atlantic atmospheric river activity and associations with anomalous precipitation over the Iberian Atlantic Margin. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 931-948.	3.3	56
3	The concurrence of atmospheric rivers and explosive cyclogenesis in the North Atlantic and North Pacific basins. <i>Earth System Dynamics</i> , 2018, 9, 91-102.	7.1	53
4	The residence time of water vapour in the atmosphere. <i>Nature Reviews Earth & Environment</i> , 2021, 2, 558-569.	29.7	41
5	Significant increase of global anomalous moisture uptake feeding landfalling Atmospheric Rivers. <i>Nature Communications</i> , 2020, 11, 5082.	12.8	39
6	Evaluation of the moisture sources in two extreme landfalling atmospheric river events using an Eulerian WRF tracers tool. <i>Earth System Dynamics</i> , 2017, 8, 1247-1261.	7.1	35
7	Lagrangian coherent structures along atmospheric rivers. <i>Chaos</i> , 2015, 25, 063105.	2.5	32
8	On the relationship between atmospheric rivers, weather types and floods in Galicia (NW Spain). <i>Natural Hazards and Earth System Sciences</i> , 2018, 18, 1633-1645.	3.6	29
9	Global climatology of nocturnal low-level jets and associated moisture sources and sinks. <i>Atmospheric Research</i> , 2019, 229, 39-59.	4.1	28
10	On the assessment of the moisture transport by the Great Plains low-level jet. <i>Earth System Dynamics</i> , 2019, 10, 107-119.	7.1	28
11	Changes in South American hydroclimate under projected Amazonian deforestation. <i>Annals of the New York Academy of Sciences</i> , 2020, 1472, 104-122.	3.8	27
12	Atmospheric moisture transport and the decline in Arctic Sea ice. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2019, 10, e588.	8.1	22
13	European West Coast atmospheric rivers: A scale to characterize strength and impacts. <i>Weather and Climate Extremes</i> , 2021, 31, 100305.	4.1	17
14	Amazonian Moisture Recycling Revisited Using WRF With Water Vapor Tracers. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.3	17
15	Atmospheric river, a term encompassing different meteorological patterns. <i>Wiley Interdisciplinary Reviews: Water</i> , 2021, 8, e1558.	6.5	12
16	Climatology of Lyapunov exponents: the link between atmospheric rivers and large-scale mixing variability. <i>Earth System Dynamics</i> , 2017, 8, 865-873.	7.1	7
17	Atmospheric Rivers over the Arctic: Lagrangian Characterisation of Their Moisture Sources. <i>Water (Switzerland)</i> , 2019, 11, 41.	2.7	7
18	Tagging moisture sources with Lagrangian and inertial tracers: application to intense atmospheric river events. <i>Earth System Dynamics</i> , 2018, 9, 785-795.	7.1	4

#	ARTICLE	IF	CITATIONS
19	Comprehensive analysis of cloudiness over Iran with CloudSat data. Arabian Journal of Geosciences, 2021, 14, 1.	1.3	2
20	A Preliminary Study of Winter Atmospheric River's Precipitation Characteristics Using Satellite Data over Galicia (NW Spain). Environmental Sciences Proceedings, 2021, 4, 26.	0.3	1
21	Beating of the Amazon: Visualizing the Diurnal Cycle of the Amazonian Hydroclimatology. , 2020, , .		0