

Jorge Eiras-Barca

List of Publications by Year in descending order

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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	Amazonian Moisture Recycling Revisited Using WRF With Water Vapor Tracers. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	3.3	17
2	Comprehensive analysis of cloudiness over Iran with CloudSat data. Arabian Journal of Geosciences, 2021, 14, 1.	1.3	2
3	European West Coast atmospheric rivers: A scale to characterize strength and impacts. Weather and Climate Extremes, 2021, 31, 100305.	4.1	17
4	The residence time of water vapour in the atmosphere. Nature Reviews Earth & Environment, 2021, 2, 558-569.	29.7	41
5	Atmospheric river, a term encompassing different meteorological patterns. Wiley Interdisciplinary Reviews: Water, 2021, 8, e1558.	6.5	12
6	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
7	Recent progress on the sources of continental precipitation as revealed by moisture transport analysis. Earth-Science Reviews, 2020, 201, 103070.	9.1	71
8	Significant increase of global anomalous moisture uptake feeding landfalling Atmospheric Rivers. Nature Communications, 2020, 11, 5082.	12.8	39
9	Changes in South American hydroclimate under projected Amazonian deforestation. Annals of the New York Academy of Sciences, 2020, 1472, 104-122.	3.8	27
10	Beating of the Amazon: Visualizing the Diurnal Cycle of the Amazonian Hydroclimatology. , 2020, , .		0
11	Global climatology of nocturnal low-level jets and associated moisture sources and sinks. Atmospheric Research, 2019, 229, 39-59.	4.1	28
12	Atmospheric moisture transport and the decline in Arctic Sea ice. Wiley Interdisciplinary Reviews: Climate Change, 2019, 10, e588.	8.1	22
13	On the assessment of the moisture transport by the Great Plains low-level jet. Earth System Dynamics, 2019, 10, 107-119.	7.1	28
14	Atmospheric Rivers over the Arctic: Lagrangian Characterisation of Their Moisture Sources. Water (Switzerland), 2019, 11, 41.	2.7	7
15	Tagging moisture sources with Lagrangian and inertial tracers: application to intense atmospheric river events. Earth System Dynamics, 2018, 9, 785-795.	7.1	4
16	On the relationship between atmospheric rivers, weather types and floods in Galicia (NW Spain). Natural Hazards and Earth System Sciences, 2018, 18, 1633-1645.	3.6	29
17	The concurrence of atmospheric rivers and explosive cyclogenesis in the North Atlantic and North Pacific basins. Earth System Dynamics, 2018, 9, 91-102.	7.1	53
18	Evaluation of the moisture sources in two extreme landfalling atmospheric river events using an Eulerian WRF tracers tool. Earth System Dynamics, 2017, 8, 1247-1261.	7.1	35

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Lagrangian coherent structures along atmospheric rivers. <i>Chaos</i> , 2015, 25, 063105.	2.5	32