

Ana MarÃ- a DurÃ;n-Quesada

List of Publications by Year in descending order

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35
papers

1,518
citations

471509

17
h-index

395702

33
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36
all docs

36
docs citations

36
times ranked

2167
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of low-level circulation on water vapour transport to central and northern South America: Insights from a Lagrangian approach. <i>International Journal of Climatology</i> , 2021, 41, E2662.	3.5	12
2	The Choco low-level jet: past, present and future. <i>Climate Dynamics</i> , 2021, 56, 2667-2692.	3.8	15
3	End member and Bayesian mixing models consistently indicate near-surface flowpath dominance in a pristine humid tropical rainforest. <i>Hydrological Processes</i> , 2021, 35, e14153.	2.6	16
4	Drone-Based Hyperspectral and Thermal Imagery for Quantifying Upland Rice Productivity and Water Use Efficiency after Biochar Application. <i>Remote Sensing</i> , 2021, 13, 1866.	4.0	10
5	The residence time of water vapour in the atmosphere. <i>Nature Reviews Earth & Environment</i> , 2021, 2, 558-569.	29.7	41
6	Quantifying the Annual Cycle of Water Use Efficiency, Energy and CO ₂ Fluxes Using Micrometeorological and Physiological Techniques for a Coffee Field in Costa Rica. <i>Forests</i> , 2021, 12, 889.	2.1	5
7	Hyperspectral reflectance measurements from UAS under intermittent clouds: Correcting irradiance measurements for sensor tilt. <i>Remote Sensing of Environment</i> , 2021, 267, 112719.	11.0	11
8	The MILAN Campaign: Studying Diel Light Effects on the Air-Sea Interface. <i>Bulletin of the American Meteorological Society</i> , 2020, 101, E146-E166.	3.3	14
9	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
10	Climate Perspectives in the Intra-Americas Seas. <i>Atmosphere</i> , 2020, 11, 959.	2.3	34
11	Modelling non-stationary water ages in a tropical rainforest: A preliminary spatially distributed assessment. <i>Hydrological Processes</i> , 2020, 34, 4776-4793.	2.6	12
12	Headwaters drive streamflow and lowland tracer export in a large-scale humid tropical catchment. <i>Hydrological Processes</i> , 2020, 34, 3824-3841.	2.6	13
13	Tracer hydrology of the data-scarce and heterogeneous Central American Isthmus. <i>Hydrological Processes</i> , 2020, 34, 2660.	2.6	19
14	Deciphering key processes controlling rainfall isotopic variability during extreme tropical cyclones. <i>Nature Communications</i> , 2019, 10, 4321.	12.8	52
15	Dynamical downscaling of historical climate over CORDEX Central America domain with a regionally coupled atmosphere-ocean model. <i>Climate Dynamics</i> , 2019, 52, 4305-4328.	3.8	31
16	Preface to stable isotopes in hydrological studies in the tropics: Ecohydrological perspectives in a changing climate. <i>Hydrological Processes</i> , 2019, 33, 2160-2165.	2.6	7
17	Spatially distributed tracer-aided modelling to explore water and isotope transport, storage and mixing in a pristine, humid tropical catchment. <i>Hydrological Processes</i> , 2018, 32, 3206-3224.	2.6	27
18	Tropical precipitation anomalies and <i>d</i> -excess evolution during El Niño 2014-16. <i>Hydrological Processes</i> , 2017, 31, 956-967.	2.6	44

#	ARTICLE	IF	CITATIONS
19	Role of moisture transport for Central American precipitation. <i>Earth System Dynamics</i> , 2017, 8, 147-161.	7.1	68
20	The easternmost tropical Pacific. Part I: A climate review. <i>Revista De Biología Tropical</i> , 2016, 64, 1.	0.4	30
21	The easternmost tropical Pacific. Part II: Seasonal and intraseasonal modes of atmospheric variability. <i>Revista De Biología Tropical</i> , 2016, 64, 23.	0.4	38
22	A multi-scale analysis of moisture supply associated with precipitation on Isla del Coco, Costa Rica. <i>Revista De Biología Tropical</i> , 2016, 64, 87.	0.4	1
23	The caribbean low-level jet, the inter-tropical convergence zone and precipitation patterns in the intra-Americas sea: a proposed dynamical mechanism. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2015, 97, 41-59.	1.5	71
24	A climatology of low level wind regimes over Central America using a weather type classification approach. <i>Frontiers in Earth Science</i> , 2015, 3, .	1.8	33
25	A new circulation type classification based upon Lagrangian air trajectories. <i>Frontiers in Earth Science</i> , 2014, 2, .	1.8	5
26	State of the Climate in 2013. <i>Bulletin of the American Meteorological Society</i> , 2014, 95, S1-S279.	3.3	138
27	State of the Climate in 2012. <i>Bulletin of the American Meteorological Society</i> , 2013, 94, S1-S258.	3.3	129
28	Oceanic and terrestrial sources of continental precipitation. <i>Reviews of Geophysics</i> , 2012, 50, .	23.0	384
29	Precipitation in tropical America and the associated sources of moisture: a short review. <i>Hydrological Sciences Journal</i> , 2012, 57, 612-624.	2.6	44
30	A close look at oceanic sources of continental precipitation. <i>Eos</i> , 2011, 92, 193-194.	0.1	15
31	Moisture sources for Central America: Identification of moisture sources using a Lagrangian analysis technique. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	81
32	Correction to "Moisture sources for Central America: Identification of moisture sources using a Lagrangian analysis technique". <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	4
33	Major sources of moisture for Antarctic ice-core sites identified through a Lagrangian approach. <i>Climate Research</i> , 2010, 41, 45-49.	1.1	9
34	Moisture Sources and Large-Scale Dynamics Associated With a Flash Flood Event. <i>Geophysical Monograph Series</i> , 0, , 111-126.	0.1	30
35	Projected climate change impacts on tropical life zones in Costa Rica. <i>Progress in Physical Geography</i> , 0, , 030913332110470.	3.2	1