Ana MarÃ-a DurÃ¡n-Quesada

List of Publications by Year
in descending order

35 papers	1,518 citations	471509 17 h-index	395702 33 g-index
36 all docs	36 docs citations	36 times ranked	2167 citing authors

#	Article	IF	Citations
1	Oceanic and terrestrial sources of continental precipitation. Reviews of Geophysics, 2012, 50, .	23.0	384
2	State of the Climate in 2013. Bulletin of the American Meteorological Society, 2014, 95, S1-S279.	3.3	138
3	State of the Climate in 2012. Bulletin of the American Meteorological Society, 2013, 94, S1-S258.	3.3	129
4	Moisture sources for Central America: Identification of moisture sources using a Lagrangian analysis technique. Journal of Geophysical Research, 2010, 115, .	3.3	81
5	The caribbean lowâ€level jet, the interâ€tropical convergence zone and precipitation patterns in the intraâ€americas sea: a proposed dynamical mechanism. Geografiska Annaler, Series A: Physical Geography, 2015, 97, 41-59.	1.5	71
6	Recent progress on the sources of continental precipitation as revealed by moisture transport analysis. Earth-Science Reviews, 2020, 201, 103070.	9.1	71
7	Role of moisture transport for Central American precipitation. Earth System Dynamics, 2017, 8, 147-161.	7.1	68
8	Deciphering key processes controlling rainfall isotopic variability during extreme tropical cyclones. Nature Communications, 2019, 10, 4321.	12.8	52
9	Precipitation in tropical America and the associated sources of moisture: a short review. Hydrological Sciences Journal, 2012, 57, 612-624.	2.6	44
10	Tropical precipitation anomalies and d -excess evolution during El NiÃ±o 2014-16. Hydrological Processes, 2017, 31, 956-967.	2.6	44
11	The residence time of water vapour in the atmosphere. Nature Reviews Earth & Environment, 2021, 2, 558-569.	29.7	41
12	The easternmost tropical Pacific. Part II: Seasonal and intraseasonal modes of atmospheric variability. Revista De Biologia Tropical, 2016, 64, 23.	0.4	38
13	Climate Perspectives in the Intraâ€“Americas Seas. Atmosphere, 2020, 11, 959.	2.3	34
14	A climatology of low level wind regimes over Central America using a weather type classification approach. Frontiers in Earth Science, 2015, 3, .	1.8	33
15	Dynamical downscaling of historical climate over CORDEX Central America domain with a regionally coupled atmosphereâ€“ocean model. Climate Dynamics, 2019, 52, 4305-4328.	3.8	31
16	Moisture Sources and Large-Scale Dynamics Associated With a Flash Flood Event. Geophysical Monograph Series, 0, , 111-126.	0.1	30
17	The easternmost tropical Pacific. Part I: A climate review. Revista De Biologia Tropical, 2016, 64, 1.	0.4	30
18	Spatially distributed tracerâ€aided modelling to explore water and isotope transport, storage and mixing in a pristine, humid tropical catchment. Hydrological Processes, 2018, 32, 3206-3224.	2.6	27

#	Article	IF	Citations
19	Tracer hydrology of the dataâ€scarce and heterogeneous Central American Isthmus. Hydrological Processes, 2020, 34, 2660.	2.6	19
20	End member and Bayesian mixing models consistently indicate nearâ€surface flowpath dominance in a pristine humid tropical rainforest. Hydrological Processes, 2021, 35, e14153.	2.6	16
21	A close look at oceanic sources of continental precipitation. Eos, 2011, 92, 193-194.	0.1	15
22	The Choco lowâ€level jet: past, present and future. Climate Dynamics, 2021, 56, 2667-2692.	3.8	15
23	The MILAN Campaign: Studying Diel Light Effects on the Airâ€“Sea Interface. Bulletin of the American Meteorological Society, 2020, 101, E146-E166.	3.3	14
24	Headwaters drive streamflow and lowland tracer export in a largeâ€scale humid tropical catchment. Hydrological Processes, 2020, 34, 3824-3841.	2.6	13
25	Modelling nonâ€stationary water ages in a tropical rainforest: A preliminary spatially distributed assessment. Hydrological Processes, 2020, 34, 4776-4793.	2.6	12
26	The role of lowâ€level circulation on water vapour transport to central and northern South America: Insights from a <scp>2D</scp> Lagrangian approach. International Journal of Climatology, 2021, 41, E2662.	3.5	12
27	Hyperspectral reflectance measurements from UAS under intermittent clouds: Correcting irradiance measurements for sensor tilt. Remote Sensing of Environment, 2021, 267, 112719.	11.0	11
28	Drone-Based Hyperspectral and Thermal Imagery for Quantifying Upland Rice Productivity and Water Use Efficiency after Biochar Application. Remote Sensing, 2021, 13, 1866.	4.0	10
29	Major sources of moisture for Antarctic ice-core sites identified through a Lagrangian approach. Climate Research, 2010, 41, 45-49.	1.1	9
30	Preface to stable isotopes in hydrological studies in the tropics: Ecohydrological perspectives in a changing climate. Hydrological Processes, 2019, 33, 2160-2165.	2.6	7
31	A new circulation type classification based upon Lagrangian air trajectories. Frontiers in Earth Science, 2014, 2, .	1.8	5
32	Quantifying the Annual Cycle of Water Use Efficiency, Energy and CO2 Fluxes Using Micrometeorological and Physiological Techniques for a Coffee Field in Costa Rica. Forests, 2021, 12, 889.	2.1	5
33	Correction to â€œMoisture sources for Central America: Identification of moisture sources using a Lagrangian analysis techniqueâ€• Journal of Geophysical Research, 2010, 115, .	3.3	4
34	Projected climate change impacts on tropical life zones in Costa Rica. Progress in Physical Geography, 0, , 030913332110470.	3.2	1
35	A multi-scale analysis of moisture supply associated with precipitation on Isla del Coco, Costa Rica. Revista De Biologia Tropical, 2016, 64, 87.	0.4	1