

Carlos D Hoyos

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,578
citations

393982

19
h-index

500791

28
g-index

49
all docs

49
docs citations

49
times ranked

2110
citing authors

#	ARTICLE	IF	CITATIONS
1	Deconvolution of the Factors Contributing to the Increase in Global Hurricane Intensity. <i>Science</i> , 2006, 312, 94-97.	6.0	310
2	The Role of Intraseasonal Variability in the Nature of Asian Monsoon Precipitation. <i>Journal of Climate</i> , 2007, 20, 4402-4424.	1.2	192
3	Prediction of Monsoon Rainfall and River Discharge on 15–30-Day Time Scales. <i>Bulletin of the American Meteorological Society</i> , 2004, 85, 1745-1766.	1.7	164
4	North Pacific Gyre Oscillation Synchronizes Climate Fluctuations in the Eastern and Western Boundary Systems*. <i>Journal of Climate</i> , 2009, 22, 5163-5174.	1.2	139
5	Extended-Range Probabilistic Forecasts of Ganges and Brahmaputra Floods in Bangladesh. <i>Bulletin of the American Meteorological Society</i> , 2010, 91, 1493-1514.	1.7	97
6	On the location and orientation of the South Pacific Convergence Zone. <i>Climate Dynamics</i> , 2011, 36, 561-578.	1.7	86
7	Large-scale controls on Ganges and Brahmaputra river discharge on intraseasonal and seasonal time-scales. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2009, 135, 353-370.	1.0	69
8	Linking Long-Term Water Balances and Statistical Scaling to Estimate River Flows along the Drainage Network of Colombia. <i>Journal of Hydrologic Engineering - ASCE</i> , 2007, 12, 4-13.	0.8	66
9	Sensitivity of MJO Simulation and Predictability to Sea Surface Temperature Variability. <i>Journal of Climate</i> , 2008, 21, 5304-5317.	1.2	38
10	Beyond the spring barrier?. <i>Nature Geoscience</i> , 2010, 3, 152-153.	5.4	38
11	Ocean–atmosphere coupling and the boreal winter MJO. <i>Climate Dynamics</i> , 2010, 35, 771-784.	1.7	36
12	Changes in cloudiness over the Amazon rainforests during the last two decades: diagnostic and potential causes. <i>Climate Dynamics</i> , 2011, 37, 1151-1164.	1.7	32
13	Hygroscopic growth study in the framework of EARLINET during the SLOPE I campaign: synergy of remote sensing and in situ instrumentation. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 7001-7017.	1.9	32
14	Evolution and modulation of tropical heating from the last glacial maximum through the twenty-first century. <i>Climate Dynamics</i> , 2012, 38, 1501-1519.	1.7	30
15	Characterization of the atmospheric boundary layer in a narrow tropical valley using remote sensing and radiosonde observations and the WRF model: the Aburr Valley case study. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2019, 145, 2641-2665.	1.0	30
16	Probabilistic discrimination between large-scale environments of intensifying and decaying African Easterly Waves. <i>Climate Dynamics</i> , 2011, 36, 1379-1401.	1.7	29
17	Spatial and Temporal Distribution of Latent Heating in the South Asian Monsoon Region. <i>Journal of Climate</i> , 2010, 23, 2010-2029.	1.2	28
18	Transition between Suppressed and Active Phases of Intraseasonal Oscillations in the Indo-Pacific Warm Pool. <i>Journal of Climate</i> , 2006, 19, 5519-5530.	1.2	27

#	ARTICLE	IF	CITATIONS
19	Effects of fireworks on particulate matter concentration in a narrow valley: the case of the Medellín metropolitan area. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 6.	1.3	24
20	Application of a serial extended forecast experiment using the ECMWF model to interpret the predictive skill of tropical intraseasonal variability. <i>Climate Dynamics</i> , 2009, 32, 855-872.	1.7	17
21	An Investigation of the Precipitation Net Effect on the Particulate Matter Concentration in a Narrow Valley: Role of Lower-Troposphere Stability. <i>Journal of Applied Meteorology and Climatology</i> , 2020, 59, 401-426.	0.6	17
22	Seasonal analysis of the atmosphere during five years by using microwave radiometry over a mid-latitude site. <i>Atmospheric Research</i> , 2019, 218, 78-89.	1.8	16
23	Variability in tornado frequency associated with U.S. landfalling tropical cyclones. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	15
24	Reconstructing the 2015 Salgar flash flood using radar retrievals and a conceptual modeling framework in an ungauged basin. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 1367-1392.	1.9	14
25	Meteorological conditions leading to the 2015 Salgar flash flood: lessons for vulnerable regions in tropical complex terrain. <i>Natural Hazards and Earth System Sciences</i> , 2019, 19, 2635-2665.	1.5	12
26	Variability of aerosols in the tropical Atlantic Ocean relative to African Easterly Waves and their relationship with atmospheric and oceanic environments. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	10
27	Long-term aerosol optical hygroscopicity study at the ACTRIS SARTA observatory: synergy between ceilometer and in situ measurements. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 7883-7896.	1.9	3
28	Ground accelerations and empirical site classification through H/V response spectral ratio (HVRSR) using historical records from the strong motion network of the Aburrá Valley, Colombia. <i>Soil Dynamics and Earthquake Engineering</i> , 2022, 152, 107063.	1.9	2