Juan Rivera

List of Publications by Year in descending order

31 papers	1,086 citations	471509 17 h-index	526287 27 g-index
32 all docs	32 docs citations	32 times ranked	1324 citing authors

#	Article	IF	Citations
1	Evaluation of the ability of CMIP6 models to simulate precipitation over Southwestern South America: Climatic features and long-term trends (1901â€“2014). Atmospheric Research, 2020, 241, 104953.	4.1	130
2	Validation of CHIRPS precipitation dataset along the Central Andes of Argentina. Atmospheric Research, 2018, 213, 437-449.	4.1	111
3	Assessment of CMIP6 Performance and Projected Temperature and Precipitation Changes Over South America. Earth Systems and Environment, 2021, 5, 155-183.	6.2	103
4	A Comparison of GLDAS Soil Moisture Anomalies against Standardized Precipitation Index and Multisatellite Estimations over South America. Journal of Hydrometeorology, 2015, 16, 158-171.	1.9	97
5	Precipitation extremes over La Plata Basin â€“ Review and new results from observations and climate simulations. Journal of Hydrology, 2015, 523, 211-230.	5.4	75
6	Contrasting Climates at Both Sides of the Andes in Argentina and Chile. Frontiers in Environmental Science, 2019, 7, .	3.3	66
7	Precipitation response to El NiÃ±o/La NiÃ±a events in Southern South America â€“ emphasis in regional drought occurrences. Advances in Geosciences, 0, 42, 1-14.	12.0	66
8	Spatio-Temporal Patterns of the 2010â€“2015 Extreme Hydrological Drought across the Central Andes, Argentina. Water (Switzerland), 2017, 9, 652.	2.7	51
9	Future Changes in Drought Characteristics over Southern South America Projected by a CMIP5 Multi-Model Ensemble. American Journal of Climate Change, 2013, 02, 173-182.	0.9	47
10	Extreme events in the La Plata basin: a retrospective analysis of what we have learned during CLARIS-LPB project. Climate Research, 2016, 68, 95-116.	1.1	36
11	Regional aspects of streamflow droughts in the Andean rivers of Patagonia, Argentina. Links with large-scale climatic oscillations. Hydrology Research, 2018, 49, 134-149.	2.7	35
12	Trends and Spatial Patterns of Drought Affected Area in Southern South America. Climate, 2014, 2, 264-278.	2.8	33
13	Regional aspects of future precipitation and meteorological drought characteristics over Southern South America projected by a <scp>CMIP5</scp> multiâ€model ensemble. International Journal of Climatology, 2016, 36, 974-986.	3.5	33
14	The CLARIS LPB database: constructing a longâ€term daily hydroâ€meteorological dataset for La Plata Basin, Southern South America. Geoscience Data Journal, 2014, 1, 20-29.	4.4	31
15	Using CHIRPS Dataset to Assess Wet and Dry Conditions along the Semiarid Central-Western Argentina. Advances in Meteorology, 2019, 2019, 1-18.	1.6	27
16	Threshold level approach for streamflow drought analysis in the Central Andes of Argentina: a climatological assessment. Hydrological Sciences Journal, 2017, 62, 1949-1964.	2.6	26
17	A Decade of Hydrological Drought in Central-Western Argentina. Frontiers in Water, 2021, 3, .	2.3	22
18	Brief communication: Collapse of 4â€‰Mm³ of ice from a cirque glacier in the Central Andes of Argentina. Cryosphere, 2019, 13, 997-1004.	3.9	20

#	Article	IF	Citations
19	Interâ€annual and interâ€decadal variability of dry days in Argentina. International Journal of Climatology, 2013, 33, 834-842.	3.5	16
20	A regional water balance indicator inferred from satellite images of an Andean endorheic basin in central-western Argentina. Hydrological Sciences Journal, 2017, 62, 533-545.	2.6	14
21	Estimation of integrated water vapor derived from Global Navigation Satellite System observations over Central-Western Argentina (2015â€“2018). Validation and usefulness for the understanding of regional precipitation events. Journal of Atmospheric and Solar-Terrestrial Physics, 2020, 197, 105143.	1.6	11
22	Spatio-temporal assessment of streamflow droughts over Southern South America: 1961â€“2006. Theoretical and Applied Climatology, 2018, 133, 1021-1033.	2.8	9
23	Sixty Years of Hail Suppression Activities in Mendoza, Argentina: Uncertainties, Gaps in Knowledge and Future Perspectives. Frontiers in Environmental Science, 2020, 8, .	3.3	8
24	Assessment of Seasonal Soil Moisture Forecasts over Southern South America with Emphasis on Dry and Wet Events. Journal of Hydrometeorology, 2017, 18, 2297-2311.	1.9	4
25	Three Ways Forward to Improve Regional Information for Extreme Events: An Early Career Perspective. Frontiers in Environmental Science, 2019, 7, .	3.3	4
26	Extreme rainfall, hydric conditions and associated atmospheric circulation in the southern La Plata Basin. Climate Research, 2016, 68, 215-229.	1.1	4
27	Water Resources Change in Central-Western Argentina Under the Paris Agreement Warming Targets. Frontiers in Climate, 2020, 2, .	2.8	4
28	Characterisation of hydrological droughts in centralnorth Argentina and their atmospheric and oceanic drivers. Climate Research, 2020, 80, 1-18.	1.1	2
29	Insights into the Relationships between Morphological Traits of Larrea divaricata and Climate Variables in Southern South America. International Journal of Plant Sciences, 2022, 183, 220-234.	1.3	1
30	Editorial: Challenges of Hydrological Drought Monitoring and Prediction. Frontiers in Water, 2021, 3, .	2.3	0
31	AnÃ¡lisis de los eventos de precipitaciÃ³n que afectan la distribuciÃ³n de agua potable en el Gran Mendoza, Argentina. Cuadernos Geograficos, 2022, 61, 204-222.	0.5	0