Carolina S Vera

List of Publications by Year
in descending order

74	6,695	159585 30	106344 65
papers	citations	h-index	g-index

79	79	79	8060
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Present and future global distributions of the marine Cyanobacteria Prochlorococcus and Synechococcus. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 9824-9829.	7.1	1,097
2	Changes in Climate Extremes and their Impacts on the Natural Physical Environment. , 2012, , 109-230.		1,080
3	Toward a Unified View of the American Monsoon Systems. Journal of Climate, 2006, 19, 4977-5000.	3.2	677
4	Recent developments on the South American monsoon system. International Journal of Climatology, 2012, 32, 1-21.	3.5	375
5	Climate impacts of the El NiÃ±oâ€“Southern Oscillation on South America. Nature Reviews Earth & Environment, 2020, 1, 215-231.	29.7	318
6	The South American Low-Level Jet Experiment. Bulletin of the American Meteorological Society, 2006, 87, 63-78.	3.3	273
7	Climate change scenarios for seasonal precipitation in South America from IPCC-AR4 models. Geophysical Research Letters, 2006, 33, .	4.0	226
8	An update of IPCC climate reference regions for subcontinental analysis of climate model data: definition and aggregated datasets. Earth System Science Data, 2020, 12, 2959-2970.	9.9	210
9	Antarctic Oscillation signal on precipitation anomalies over southeastern South America. Geophysical Research Letters, 2003, 30, .	4.0	175
10	Subseasonal Variations of Rainfall in South America in the Vicinity of the Low-Level Jet East of the Andes and Comparison to Those in the South Atlantic Convergence Zone. Journal of Climate, 2004, 17, 3829-3842.	3.2	173
11	An Observed Trend in Central South American Precipitation. Journal of Climate, 2004, 17, 4357-4367.	3.2	158
12	Cold Season Synoptic-Scale Waves over Subtropical South America. Monthly Weather Review, 2002, 130, 684-699.	1.4	154
13	Characteristics of the Southern Hemisphere Winter Storm Track with Filtered and Unfiltered Data. Journals of the Atmospheric Sciences, 1996, 53, 468-481.	1.7	115
14	Onset and End of the Rainy Season in South America in Observations and the ECHAM 4.5 Atmospheric General Circulation Model. Journal of Climate, 2007, 20, 2037-2050.	3.2	114
15	Differences in El NiÃ±o Response over the Southern Hemisphere. Journal of Climate, 2004, 17, 1741-1753.	3.2	101
16	Influence of the Madden Julian Oscillation on precipitation and surface air temperature in South America. Climate Dynamics, 2016, 46, 245-262.	3.8	93
17	A Diagnostic Study of Cold-Air Outbreaks over South America. Monthly Weather Review, 2000, 128, 3-24.	1.4	92
18	Nonstationary Impacts of the Southern Annular Mode on Southern Hemisphere Climate. Journal of Climate, 2009, 22, 6142-6148.	3.2	83

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19	Climate change impacts on the atmospheric circulation, ocean, and fisheries in the southwest South Atlantic Ocean: a review. Climatic Change, 2020, 162, 2359-2377.	3.6	59
20	A correlated shortening of the North and South American monsoon seasons in the past few decades. Climate Dynamics, 2015, 45, 3183-3203.	3.8	58
21	The influence of the Andes mountains on the South American low-level flow. Geophysical Research Letters, 2002, 29, 7-1-7-4.	4.0	57
22	Origin of Convectively Coupled Kelvin Waves over South America. Journal of Climate, 2009, 22, 300-315.	3.2	56
23	Summer precipitation variability over Southeastern South America in a global warming scenario. Climate Dynamics, 2012, 38, 1867-1883.	3.8	56
24	Surface Wind Variability on Seasonal and Interannual Scales Over RÃo de la Plata Area. Journal of Coastal Research, 2005, 214, 770-783.	0.3	53
25	Precipitation interannual variability in South America from the WCRP-CMIP3 multi-model dataset. Climate Dynamics, 2009, 32, 1003-1014.	3.8	51
26	Needs Assessment for Climate Information on Decadal Timescales and Longer. Procedia Environmental Sciences, 2010, 1, 275-286.	1.4	48
27	Influence of the intraseasonal variability on heat waves in subtropical South America. Climate Dynamics, 2011, 36, 2265-2277.	3.8	47
28	Two Time Scales for The Price Of One (Almost). Bulletin of the American Meteorological Society, 2012, 93, 621-629.	3.3	47
29	The Climate-System Historical Forecast Project: Providing Open Access to Seasonal Forecast Ensembles from Centers around the Globe. Bulletin of the American Meteorological Society, 2017, 98, 2293-2301.	3.3	41
30	Summer precipitation variability over South America on long and short intraseasonal timescales. Climate Dynamics, 2014, 43, 1993-2007.	3.8	40
31	Anthropogenic influence on summer precipitation trends over South America in <scp>CMIP5</scp> models. International Journal of Climatology, 2015, 35, 3172-3177.	3.5	36
32	Seasonal cycle of precipitation variability in South America on intraseasonal timescales. Climate Dynamics, 2018, 51, 1991-2001.	3.8	36
33	Influence of South America orography on summertime precipitation in Southeastern South America. Climate Dynamics, 2016, 46, 3941-3963.	3.8	33
34	Assessment of South America summer rainfall climatology and trends in a set of global climate models large ensembles. International Journal of Climatology, 2021, 41, E59.	3.5	30
35	Mechanisms Associated with Large Daily Rainfall Events in Northeast Brazil. Journal of Climate, 2011, 24, 376-396.	3.2	26
36	The Nature of a Heat Wave in Eastern Argentina Occurring during SALLJEX. Monthly Weather Review, 2007, 135, 1165-1174.	1.4	25

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37	MJO Modulating the Activity of the Leading Mode of Intraseasonal Variability in South America. Atmosphere, 2017, 8, 232.	2.3	25
38	Activity of the Southern Annular Mode during 2015â€“2016 El NiÃ±o event and its impact on Southern Hemisphere climate anomalies. International Journal of Climatology, 2018, 38, e1288.	3.5	24
39	A high-resolution 43-year atmospheric hindcast for South America generated with the MPI regional model. Climate Dynamics, 2009, 32, 693-709.	3.8	23
40	Interannual and interdecadal variability of atmospheric synoptic-scale activity in the Southern Hemisphere. Journal of Geophysical Research, 2003, 108, SOV 4-1.	3.3	20
41	Austral summer precipitation interannual variability and trends over Southeastern South America in <scp>CMIP5</scp> models. International Journal of Climatology, 2017, 37, 681-695.	3.5	19
42	Climate predictability and prediction skill on seasonal time scales over South America from CHFP models. Climate Dynamics, 2017, 49, 2365-2383.	3.8	19
43	Storyline description of Southern Hemisphere midlatitude circulation and precipitation response to greenhouse gas forcing. Climate Dynamics, 2020, 54, 4399-4421.	3.8	19
44	Summer heat waves in southeastern Patagonia: an analysis of the intraseasonal timescale. International Journal of Climatology, 2016, 36, 1359-1374.	3.5	18
45	Intraseasonal variability in subtropical South America as depicted by precipitation data. Climate Dynamics, 2008, 30, 727-744.	3.8	15
46	Evaluation of the WCRPâ€CMIP3 model simulations in the La Plata basin. Meteorological Applications, 2008, 15, 497-502.	2.1	14
47	Impact of projected SST changes on summer rainfall in southeastern South America. Climate Dynamics, 2013, 40, 1569-1589.	3.8	14
48	Evidence for a modulation of the intraseasonal summer temperature in Eastern Patagonia by the Maddenâ€Julian Oscillation. Journal of Geophysical Research D: Atmospheres, 2015, 120, 7340-7357.	3.3	14
49	Farmers transformed how we investigate climate. Nature, 2018, 562, 9-9.	27.8	13
50	Hantavirus reservoir Oligoryzomys longicaudatus spatial distribution sensitivity to climate change scenarios in Argentine Patagonia. International Journal of Health Geographics, 2009, 8, 44.	2.5	12
51	Influence of Anthropogenically-Forced Global Warming and Natural Climate Variability in the Rainfall Changes Observed Over the South American Altiplano. Frontiers in Environmental Science, 2019, 7, .	3.3	12
52	Intraseasonal variability in South America during the cold season. Climate Dynamics, 2014, 42, 3253-3269.	3.8	9
53	Predictability of the tropospheric circulation in the Southern Hemisphere from CHFP models. Climate Dynamics, 2016, 46, 2423-2434.	3.8	9
54	Intraseasonal and low frequency processes contributing to the December 2013 heat wave in Southern South America. Climate Dynamics, 2019, 53, 4977-4988.	3.8	9

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55	Combined Effects of Global Warming and Ozone Depletion/Recovery on Southern Hemisphere Atmospheric Circulation and Regional Precipitation. Geophysical Research Letters, 2021, 48, e2021GL092568.	4.0	9
56	Assessment of zonally symmetric and asymmetric components of the Southern Annular Mode using a novel approach. Climate Dynamics, 2022, 58, 161-178.	3.8	9
57	Influence of the large-scale climate variability on daily rainfall extremes over Argentina. International Journal of Climatology, 2016, 36, 412-423.	3.5	8
58	South American precipitation changes simulated by PMIP3/CMIP5 models during the Little Ice Age and the recent global warming period. International Journal of Climatology, 2018, 38, 2638-2650.	3.5	8
59	Multiâ€scale features of the coâ€variability between global sea surface temperature anomalies and daily extreme rainfall in Argentina. International Journal of Climatology, 2020, 40, 4289-4299.	3.5	8
60	Evapotranspiration trends and variability in southeastern South America: The roles of landâ€cover change and precipitation variability. International Journal of Climatology, 0, , .	3.5	6
61	Synoptic-Scale Variability and Its Relationship with Total Ozone and Antarctic Vortex Displacements. Monthly Weather Review, 2005, 133, 2374-2386.	1.4	5
62	Predictability of Extratropical Upper-Tropospheric Circulation in the Southern Hemisphere by Its Main Modes of Variability. Journal of Climate, 2020, 33, 1405-1421.	3.2	5
63	Calibration and combination of seasonal precipitation forecasts over South America using Ensemble Regression. Climate Dynamics, 2021, 57, 2889-2904.	3.8	5
64	Assessment of ECMWF Subseasonal Temperature Predictions for an Anomalously Cold Week Followed by an Anomalously Warm Week in Central and Southeastern South America during July 2017. Weather and Forecasting, 2020, 35, 1871-1889.	1.4	5
65	Decadal predictability and prediction skill of sea surface temperatures in the South Pacific region. Climate Dynamics, 2020, 54, 3945-3958.	3.8	4
66	Understanding and Predicting Climate Variability and Change at Monsoon Regions. , 2013, , 273-306.		4
67	Addressing climate services in SouthAmerican Chaco region through a knowledge coproduction process. Global Environmental Change, 2022, 72, 102443.	7.8	3
68	Analysis Verification Experiments with a Statistical interpolation System. Monthly Weather Review, 1994, 122, 1247-1262.	1.4	1
69	Intraseasonal modulation of springâ€strong wind events associated with convection in northeastern Argentina. International Journal of Climatology, 2019, 39, 5228-5240.	3.5	1
70	Adaptive capacity of coupled social-ecological systems to absorb climate extremes. , 2020, , 257-278.		1
71	Horizontal structure of height-forecast errors over the Southern part of South America. Quarterly Journal of the Royal Meteorological Society, 1994, 120, 1345-1365.	2.7	0
72	‹title›Cloud spectral transmittance in the UV and visible at Ushuaia (54 degrees 49 minutes S, 68) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50		0

#	Article	IF	Citations
73	Relationship between sea surface temperature anomalies in the Southwestern Atlantic Continental Shelf and atmospheric variability on intraseasonal timescales. Climate Dynamics, 0, , 1.	3.8	0
74	The combined influence of the stratospheric polar vortex and ENSO on zonal asymmetries in the southern hemisphere upper tropospheric circulation during austral spring and summer. Climate Dynamics, 0, , 1.	3.8	0