

# Tercio ambrizzi

## List of Publications by Year in descending order

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130  
papers

7,571  
citations

70961

41  
h-index

58464

82  
g-index

136  
all docs

136  
docs citations

136  
times ranked

5810  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rosby Wave Propagation on a Realistic Longitudinally Varying Flow. <i>Journals of the Atmospheric Sciences</i> , 1993, 50, 1661-1671.	0.6	862
2	Toward a Unified View of the American Monsoon Systems. <i>Journal of Climate</i> , 2006, 19, 4977-5000.	1.2	677
3	Trends in Total and Extreme South American Rainfall in 1960–2000 and Links with Sea Surface Temperature. <i>Journal of Climate</i> , 2006, 19, 1490-1512.	1.2	535
4	Recent developments on the South American monsoon system. <i>International Journal of Climatology</i> , 2012, 32, 1-21.	1.5	375
5	Observed Trends in Indices of Daily Temperature Extremes in South America 1960–2000. <i>Journal of Climate</i> , 2005, 18, 5011-5023.	1.2	374
6	Regimes de precipitação na América do Sul: uma revisão bibliográfica. <i>Revista Brasileira De Meteorologia</i> , 2010, 25, 185-204.	0.2	311
7	Submonthly Convective Variability over South America and the South Atlantic Convergence Zone. <i>Journal of Climate</i> , 1999, 12, 1877-1891.	1.2	282
8	Rosby Wave Propagation and Teleconnection Patterns in the Austral Winter. <i>Journals of the Atmospheric Sciences</i> , 1995, 52, 3661-3672.	0.6	260
9	Future change of climate in South America in the late twenty-first century: intercomparison of scenarios from three regional climate models. <i>Climate Dynamics</i> , 2010, 35, 1073-1097.	1.7	194
10	The 2014 southeast Brazil austral summer drought: regional scale mechanisms and teleconnections. <i>Climate Dynamics</i> , 2016, 46, 3737-3752.	1.7	193
11	Opposite Phases of the Antarctic Oscillation and Relationships with Intraseasonal to Interannual Activity in the Tropics during the Austral Summer. <i>Journal of Climate</i> , 2005, 18, 702-718.	1.2	156
12	Stationary rossby-wave propagation in a baroclinic atmosphere. <i>Quarterly Journal of the Royal Meteorological Society</i> , 1997, 123, 919-928.	1.0	134
13	The Impacts of Interannual Variability on the Tropical Atlantic and Northeast Brazil Climate. <i>Journal of Climate</i> , 2011, 24, 3402-3422.	1.2	118
14	The role of the Amazon Basin moisture in the atmospheric branch of the hydrological cycle: a Lagrangian analysis. <i>Hydrology and Earth System Sciences</i> , 2014, 18, 2577-2598.	1.9	116
15	A Lagrangian identification of major sources of moisture over Central Brazil and La Plata Basin. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	110
16	Exploring the impacts of the tropical Pacific SST on the precipitation patterns over South America during ENSO periods. <i>Theoretical and Applied Climatology</i> , 2002, 71, 185-197.	1.3	101
17	South Atlantic Ocean cyclogenesis climatology simulated by regional climate model (RegCM3). <i>Climate Dynamics</i> , 2010, 35, 1331-1347.	1.7	92
18	Modulation of the intraseasonal rainfall over tropical Brazil by the Madden-Julian oscillation. <i>International Journal of Climatology</i> , 2006, 26, 1759-1776.	1.5	89

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19	Precipitation diurnal cycle and summer climatology assessment over South America: An evaluation of Regional Climate Model version 3 simulations. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	89
20	The South Atlantic Subtropical Anticyclone: Present and Future Climate. <i>Frontiers in Earth Science</i> , 2019, 7, .	0.8	86
21	Precipitation variability in São Paulo State, Brazil. <i>Theoretical and Applied Climatology</i> , 2008, 93, 167-178.	1.3	83
22	Variability of Southern Hemisphere Cyclone and Anticyclone Behavior: Further Analysis. <i>Journal of Climate</i> , 2003, 16, 1075-1083.	1.2	80
23	Indian Ocean Dipole mode events and austral surface air temperature anomalies. <i>Dynamics of Atmospheres and Oceans</i> , 2005, 39, 87-101.	0.7	76
24	Observational evidences on the modulation of the South American Low Level Jet east of the Andes according the ENSO variability. <i>Annales Geophysicae</i> , 2009, 27, 645-657.	0.6	70
25	The state of the art and fundamental aspects of regional climate modeling in South America. <i>Annals of the New York Academy of Sciences</i> , 2019, 1436, 98-120.	1.8	68
26	Intraseasonal and submonthly variability over the Eastern Amazon and Northeast Brazil during the autumn rainy season. <i>Theoretical and Applied Climatology</i> , 2005, 81, 177-191.	1.3	65
27	Relationship between the southern annular mode and southern hemisphere atmospheric systems. <i>Revista Brasileira De Meteorologia</i> , 2009, 24, 48-55.	0.2	63
28	Extreme precipitation events and their relationship with <scp>ENSO</scp> and <scp>MJO</scp> phases over northern South America. <i>International Journal of Climatology</i> , 2017, 37, 2977-2989.	1.5	62
29	Moisture Sources and Life Cycle of Convective Systems over Western Colombia. <i>Advances in Meteorology</i> , 2011, 2011, 1-11.	0.6	59
30	Teleconnections into South America from the Tropics and Extratropics on Interannual and Intraseasonal Timescales. <i>Developments in Paleoenvironmental Research</i> , 2009, , 159-191.	7.5	58
31	The Hadley and Walker Regional Circulations and Associated ENSO Impacts on South American Seasonal Rainfall. <i>Advances in Global Change Research</i> , 2004, , 203-235.	1.6	57
32	Trends in extreme rainfall and hydrogeometeorological disasters in the Metropolitan Area of São Paulo: a review. <i>Annals of the New York Academy of Sciences</i> , 2020, 1472, 5-20.	1.8	54
33	MJO influence on ENSO effects in precipitation and temperature over South America. <i>Theoretical and Applied Climatology</i> , 2016, 124, 291-301.	1.3	53
34	Climatology of easterly wave disturbances over the tropical South Atlantic. <i>Climate Dynamics</i> , 2019, 53, 1393-1411.	1.7	53
35	Can Indian Ocean SST anomalies influence South American rainfall?. <i>Climate Dynamics</i> , 2012, 38, 1615-1628.	1.7	52
36	The Response of Subtropical Highs to Climate Change. <i>Current Climate Change Reports</i> , 2018, 4, 371-382.	2.8	51

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37	Easterly Wave Disturbances over Northeast Brazil: An Observational Analysis. <i>Advances in Meteorology</i> , 2015, 2015, 1-20.	0.6	50
38	Climatological features of cutoff low systems in the Southern Hemisphere. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	48
39	Entendendo o tempo e o clima na Am�rica do Sul. <i>Terrae Didatica</i> , 2015, 8, 34.	0.0	48
40	Teleconnection patterns and Rossby wave propagation associated to generalized frosts over southern South America. <i>Climate Dynamics</i> , 2007, 29, 633-645.	1.7	45
41	The impact of El Ni�o on South American summer climate during different phases of the Pacific Decadal Oscillation. <i>Theoretical and Applied Climatology</i> , 2011, 106, 307-319.	1.3	45
42	Impacts of teleconnection patterns on South America climate. <i>Annals of the New York Academy of Sciences</i> , 2021, 1504, 116-153.	1.8	44
43	Trend and teleconnection patterns in the climatology of extratropical cyclones over the Southern Hemisphere. <i>Climate Dynamics</i> , 2015, 45, 1929-1944.	1.7	43
44	Dynamical conditions and synoptic tracks associated with different types of cold surge over tropical South America. <i>International Journal of Climatology</i> , 2005, 25, 215-241.	1.5	42
45	The role of the Madden-Julian oscillation on the Amazon Basin intraseasonal rainfall variability. <i>International Journal of Climatology</i> , 2019, 39, 343-360.	1.5	42
46	A new climatology for Southern Hemisphere blockings in the winter and the combined effect of ENSO and SAM phases. <i>International Journal of Climatology</i> , 2014, 34, 1676-1692.	1.5	40
47	An objective criterion for determining the South Atlantic Convergence Zone. <i>Frontiers in Environmental Science</i> , 2015, 3, .	1.5	37
48	Extreme events in the La Plata basin: a retrospective analysis of what we have learned during CLARIS-LPB project. <i>Climate Research</i> , 2016, 68, 95-116.	0.4	36
49	Mean atmospheric circulation leading to generalized frosts in central southern South America. <i>Theoretical and Applied Climatology</i> , 2005, 82, 95-112.	1.3	35
50	Influence of decadal sea surface temperature variability on northern Brazil rainfall in CMIP5 simulations. <i>Climate Dynamics</i> , 2018, 51, 563-579.	1.7	35
51	The heat wave of October 2020 in central South America. <i>International Journal of Climatology</i> , 2022, 42, 2281-2298.	1.5	35
52	Inter-El Ni�o variability and its impact on the South American low-level jet east of the Andes during austral summer - two case studies. <i>Advances in Geosciences</i> , 0, 6, 283-287.	12.0	35
53	The role of SST on the South American atmospheric circulation during January, February and March 2001. <i>Climate Dynamics</i> , 2005, 24, 781-791.	1.7	33
54	Upper-air wave trains over the Pacific Ocean and wintertime cold surges in tropical-subtropical South America leading to Freezes in Southern and Southeastern Brazil. <i>Theoretical and Applied Climatology</i> , 2002, 73, 223-242.	1.3	32

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55	Effects of RegCM3 parameterizations on simulated rainy season over South America. <i>Climate Research</i> , 2012, 52, 253-265.	0.4	32
56	Mesoscale convective systems over the Amazon basin. Part I: climatological aspects. <i>International Journal of Climatology</i> , 2018, 38, 215-229.	1.5	30
57	A Lagrangian Identification of the Main Sources of Moisture Affecting Northeastern Brazil during Its Pre-Rainy and Rainy Seasons. <i>PLoS ONE</i> , 2010, 5, e11205.	1.1	28
58	Changing Trends in Rainfall Extremes in the Metropolitan Area of São Paulo: Causes and Impacts. <i>Frontiers in Climate</i> , 2020, 2, .	1.3	26
59	RegCM3 nested in HadAM3 scenarios A2 and B2: projected changes in extratropical cyclogenesis, temperature and precipitation over the South Atlantic Ocean. <i>Climatic Change</i> , 2012, 113, 599-621.	1.7	24
60	Coherent South American Monsoon Variability During the Last Millennium Revealed Through High-Resolution Proxy Records. <i>Geophysical Research Letters</i> , 2019, 46, 8261-8270.	1.5	24
61	The role of the South Indian and Pacific oceans in South American monsoon variability. <i>Theoretical and Applied Climatology</i> , 2008, 94, 125-137.	1.3	22
62	Evidences linking ENSO and coral growth in the Southwestern-South Atlantic. <i>Climate Dynamics</i> , 2007, 29, 869-880.	1.7	21
63	Changes in intensity of the regional Hadley cell in Indian Ocean and its impacts on surrounding regions. <i>Meteorology and Atmospheric Physics</i> , 2017, 129, 229-246.	0.9	20
64	Assessing changes in the atmospheric water budget as drivers for precipitation change over two CORDEX-CORE domains. <i>Climate Dynamics</i> , 2021, 57, 1615.	1.7	18
65	Why do extreme events still kill in the São Paulo Macro Metropolis Region? Chronicle of a death foretold in the global south. <i>International Journal of Urban Sustainable Development</i> , 2021, 13, 1-16.	1.0	18
66	The Influence of Atmospheric Blocking on the Rossby Wave Propagation in Southern Hemisphere Winter Flows.. <i>Journal of the Meteorological Society of Japan</i> , 2002, 80, 139-159.	0.7	17
67	An assessment of the latent and sensible heat flux on the simulated regional climate over Southwestern South Atlantic Ocean. <i>Climate Dynamics</i> , 2010, 34, 873-889.	1.7	17
68	Summertime moisture transport over Southeastern South America and extratropical cyclones behavior during inter-El Niño events. <i>Theoretical and Applied Climatology</i> , 2010, 101, 303-310.	1.3	16
69	Anomalous patterns of SST and moisture sources in the South Atlantic Ocean associated with dry events in southeastern Brazil. <i>International Journal of Climatology</i> , 2016, 36, 4913-4928.	1.5	15
70	The influence of the winter North Atlantic Oscillation index on hospital admissions through diseases of the circulatory system in Lisbon, Portugal. <i>International Journal of Biometeorology</i> , 2017, 61, 325-333.	1.3	15
71	Características da Atmosfera na Primavera Austral Durante o El Niño de 2015/2016. <i>Revista Brasileira De Meteorologia</i> , 2017, 32, 293-310.	0.2	15
72	Preliminary Analysis on the Global Features of the NCEP CFSv2 Seasonal Hindcasts. <i>Advances in Meteorology</i> , 2014, 2014, 1-21.	0.6	14

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73	Extreme Intertropical Convergence Zone shifts over Southern Maritime Continent. Atmospheric Science Letters, 2017, 18, 2-10.	0.8	14
74	A Global and Hemispherical Analysis of the Lorenz Energetics Based on the Representative Concentration Pathways Used in CMIP5. Advances in Meteorology, 2013, 2013, 1-13.	0.6	13
75	Observed and simulated inter-decadal changes in the structure of Southern Hemisphere large-scale circulation. Climate Dynamics, 2015, 45, 2993-3017.	1.7	13
76	Impact of increased horizontal resolution in coupled and atmosphere-only models of the HadGEM1 family upon the climate patterns of South America. Climate Dynamics, 2017, 48, 3341-3364.	1.7	13
77	Links between topography, moisture fluxes pathways and precipitation over South America. Climate Dynamics, 2015, 45, 777-789.	1.7	12
78	Changes in the Austral Winter Hadley Circulation and the Impact on Stationary Rossby Waves Propagation. Advances in Meteorology, 2012, 2012, 1-15.	0.6	11
79	Recent Changes in the Annual Mean Regional Hadley Circulation and Their Impacts on South America. Advances in Meteorology, 2015, 2015, 1-22.	0.6	11
80	The Influence of the Regional Hadley and Walker Circulations on Precipitation Patterns over Africa in El Niño, La Niña, and Neutral Years. Pure and Applied Geophysics, 2018, 175, 2293-2306.	0.8	11
81	Mesoscale convective systems over the Amazon basin: The GoAmazon2014/5 program. International Journal of Climatology, 2019, 39, 5599-5618.	1.5	11
82	Assessing the skill of all-season diverse Madden-Julian oscillation indices for the intraseasonal Amazon precipitation. Climate Dynamics, 2020, 54, 3729-3749.	1.7	11
83	Análise de um ciclone semi-estacionário na costa sul do Brasil associado a bloqueio atmosférico. Revista Brasileira De Meteorologia, 2009, 24, 407-422.	0.2	11
84	Climatic variability of river outflow in the Pantanal region and the influence of sea surface temperature. Theoretical and Applied Climatology, 2017, 129, 97-109.	1.3	10
85	The effects of ENSO types and SAM on the large-scale southern blockings. International Journal of Climatology, 2017, 37, 3067-3081.	1.5	10
86	Dry and Wet Climate Periods over Eastern South America: Identification and Characterization through the SPEI Index. Atmosphere, 2021, 12, 155.	1.0	10
87	Simulated austral winter response of the Hadley circulation and stationary Rossby wave propagation to a warming climate. Climate Dynamics, 2017, 49, 521-545.	1.7	9
88	Severe Weather Events over Southeastern Brazil during the 2016 Dry Season. Advances in Meteorology, 2018, 2018, 1-15.	0.6	9
89	A review exploring the overarching burden of Zika virus with emphasis on epidemiological case studies from Brazil. Environmental Science and Pollution Research, 2021, 28, 55952-55966.	2.7	9
90	Are Reanalysis Data Useful for Calculating Climate Indices over South America?. Annals of the New York Academy of Sciences, 2008, 1146, 87-104.	1.8	8

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91	Atmospheric conditions, lunar phases, and childbirth: a multivariate analysis. <i>International Journal of Biometeorology</i> , 2012, 56, 661-667.	1.3	7
92	Assessing the Moisture Transports Associated With Nocturnal Low-Level Jets in Continental South America. <i>Frontiers in Environmental Science</i> , 2021, 9, .	1.5	7
93	The role of the observed tropical convection in the generation of frost events in the southern cone of South America. <i>Annales Geophysicae</i> , 2008, 26, 1379-1390.	0.6	6
94	Projections of subcontinental changes in seasonal precipitation over the two major river basins in South America under an extreme climate scenario. <i>Climate Dynamics</i> , 2022, 58, 1147-1169.	1.7	6
95	MEWAR: Development of a Cross-Platform Mobile Application and Web Dashboard System for Real-Time Mosquito Surveillance in Northeast Brazil. <i>Frontiers in Public Health</i> , 2021, 9, 754072.	1.3	6
96	Anticiclone Subtropical do Atlântico Sul Associado ao Modo Anular Sul e Impactos Climáticos no Brasil. <i>Revista Brasileira De Meteorologia</i> , 2020, 35, 605-613.	0.2	6
97	PRECIPITAÇÃO NA AMÉRICA DO SUL – DADOS OBTIDOS POR ESTAÇÕES METEOROLÓGICAS AUTOMÁTICAS E POR SISTEMAS ORBITAIS. <i>Revista Brasileira De Climatologia</i> , 2019, 25, .	0.3	5
98	Transient contributions to the forcing of the atmospheric annual cycle. <i>Climate Dynamics</i> , 2019, 52, 6719-6733.	1.7	5
99	SISTEMAS FRONTAIS SOBRE A AMÉRICA DO SUL PARTE II: MONITORAMENTO MENSAL EM DADOS DA REANÁLISE I DO NCEP/NCAR. <i>Ciência E Natura</i> , 0, 38, 105.	0.0	5
100	Are Cut-off Lows simulated better in CMIP6 compared to CMIP5?. <i>Climate Dynamics</i> , 2022, 59, 2117-2136.	1.7	5
101	A comparison of global tropospheric teleconnections using observed satellite and general circulation model total ozone column data for 1979-91. <i>Climate Dynamics</i> , 1998, 14, 133-150.	1.7	4
102	Influence of intraseasonal variability on precipitation in northern South America during the winter season. <i>International Journal of Climatology</i> , 2017, 37, 2177-2186.	1.5	4
103	The analysis of global surface temperature wavelets from 1884 to 2014. <i>Theoretical and Applied Climatology</i> , 2019, 136, 1435-1451.	1.3	4
104	The Energy Cycle Associated to the Pacific Walker Circulation and Its Relationship to ENSO. <i>Atmospheric and Climate Sciences</i> , 2013, 03, 627-642.	0.1	4
105	Intraseasonal Drivers of the 2018 Drought Over São Paulo, Brazil. <i>Frontiers in Climate</i> , 2022, 4, .	1.3	4
106	South America Climate During the 1970s–2001 Pacific Decadal Oscillation Phases Based on Different Reanalysis Datasets. <i>Frontiers in Earth Science</i> , 2020, 7, .	0.8	3
107	Forecasting Dengue, Chikungunya and Zika cases in Recife, Brazil: a spatio-temporal approach based on climate conditions, health notifications and machine learning. <i>Research, Society and Development</i> , 2021, 10, e452101220804.	0.0	3
108	Putting into action the REGCM4.6 regional climate model for the study of climate change, variability and modeling over Central America and Mexico. <i>Atmosfera</i> , 2018, 31, 185-188.	0.3	3

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109	C�lulas de Circula�o Meridional Durante os Eventos Extremos de Gelo Marinho Ant�rtico. Revista Brasileira De Meteorologia, 2016, 31, 251-261.	0.2	3
110	WRF Sensitivity for Seasonal Climate Simulations of Precipitation Fields on the CORDEX South America Domain. Atmosphere, 2022, 13, 107.	1.0	3
111	Relationship between interhemispheric Rossby wave propagation and South Atlantic convergence zone during La Ni�a years. International Journal of Climatology, 2022, 42, 8652-8664.	1.5	3
112	Impacto da Rio-92 na produ�o cient�fica da USP considerando o t�pico Mudan�as Clim�ticas. Estudos Avancados, 2012, 26, 341-350.	0.2	2
113	The <sc>high-frequency</sc> variability of Antarctic sea ice and polar cold air incursions over Amazonia. International Journal of Climatology, 2022, 42, 3397-3407.	1.5	2
114	Combined Oceanic Influences on Continental Climates. , 2020, , 216-257.		2
115	Intelligent Systems for Dengue, Chikungunya, and Zika Temporal and Spatio-Temporal Forecasting: A Contribution and a Brief Review. , 2022, , 299-331.		2
116	Spatiotemporal forecasting for dengue, chikungunya fever and Zika using machine learning and artificial expert committees based on meta-heuristics. Research on Biomedical Engineering, 2022, 38, 499-537.	1.5	2
117	A Space Domain Energetics Study for CO2Increasing Based on SRES-A2 Emission Scenario. Advances in Meteorology, 2013, 2013, 1-19.	0.6	1
118	Spatial distribution of spectral SST oscillations over the equatorial pacific in the period 1888�2014. International Journal of Climatology, 2021, 41, 3841-3864.	1.5	1
119	Summer dry events on synoptic and intraseasonal timescales in the Southeast Region of Brazil. , 0, , .		1
120	Analysis of Dry and Wet Episodes in Eastern South America during 1980-2018 Using SPEI. , 0, , .		1
121	A IMPORT�NCIA DAS TELECONEX�ES PARA A PREVIS�O SAZONAL. Ci�ncia E Natura, 2014, 36, .	0.0	1
122	Atmospheric blockings in Coupled Model Intercomparison Project Phase 5 models with different representations of Antarctic sea ice extent. Anais Da Academia Brasileira De Ciencias, 2022, 94, .	0.3	1
123	USP�s Environmental Policy in the SDGs Approach. World Sustainability Series, 2021, , 415-433.	0.3	0
124	CLIMATOLOGIA DA FUN�O FRONTOGEN�TICA SOBRE A AM�RICA DO SUL EM UM CEN�RIO DE CLIMA PRESENTE E FUTURO. Ci�ncia E Natura, 2013, .	0.0	0
125	POSS�VEIS RELA�ES ENTRE A VARIABILIDADE INTERANUAL DO GELO MARINHO ANT�RTICO E A PRECIPITA�O NA AM�RICA DO SUL. Ci�ncia E Natura, 2013, .	0.0	0
126	INFLU�NCIAS NA ALTERA�O DO REGIME DE BLOQUEIOS ATMOSF�RICOS SOBRE O SUL DO BRASIL EM UM CEN�RIO DE CLIMA FUTURO. Ci�ncia E Natura, 2015, 37, .	0.0	0



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127	TRABALHOS DESTACADOS NO V SIMPÓSIO INTERNACIONAL DE CLIMATOLOGIA (V SIC). Ciência E Natura, 2015, 37, .	0.0	0
128	AVALIAÇÃO DA CLIMATOLOGIA NA REGIÃO AMAZÔNICA NOS MODELOS DA FAMÍLIA HIGEM. Ciência E Natura, 2016, 38, 1054.	0.0	0
129	Analysis of Changes on Moisture Sources Contributions for Arctic Region in a FutureClimate Scenario Using GFDL/CM3 Model. , 0, , .		0
130	Detecção e atribuição das anomalias anuais dos Índices de extremos de chuva e temperaturas máxima e mínima diárias sobre o litoral de São Paulo/Brasil. Revista Brasileira De Geografia Fisica, 2021, 14, 3008-3043.	0.0	0