

# Luciano Ponzi Pezzi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/486290/publications.pdf>

Version: 2024-02-01

59  
papers

1,370  
citations

430874

18  
h-index

414414

32  
g-index

66  
all docs

66  
docs citations

66  
times ranked

1824  
citing authors

#	ARTICLE	IF	CITATIONS
1	The relative importance of ENSO and tropical Atlantic sea surface temperature anomalies for seasonal precipitation over South America: a numerical study. <i>Climate Dynamics</i> , 2001, 17, 205-212.	3.8	133
2	Global Climatological Features in a Simulation Using the CPTEC-COLA AGCM. <i>Journal of Climate</i> , 2002, 15, 2965-2988.	3.2	106
3	Assessment of regional seasonal rainfall predictability using the CPTEC/COLA atmospheric GCM. <i>Climate Dynamics</i> , 2003, 21, 459-475.	3.8	84
4	On the influences of the El Niño, La Niña and Atlantic Dipole Paterni on the Amazonian Rainfall during 1960-1998. <i>Acta Amazonica</i> , 2000, 30, 305-318.	0.7	61
5	Climate change impacts on the atmospheric circulation, ocean, and fisheries in the southwest South Atlantic Ocean: a review. <i>Climatic Change</i> , 2020, 162, 2359-2377.	3.6	59
6	Ocean-atmosphere in situ observations at the Brazil-Malvinas Confluence region. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	4.0	51
7	Influence of ocean-atmosphere coupling on the properties of tropical instability waves. <i>Geophysical Research Letters</i> , 2004, 31, .	4.0	47
8	Multiyear measurements of the oceanic and atmospheric boundary layers at the Brazil-Malvinas confluence region. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	43
9	Low connectivity compromises the conservation of reef fishes by marine protected areas in the tropical South Atlantic. <i>Scientific Reports</i> , 2019, 9, 8634.	3.3	38
10	Effects of lateral mixing on the mean state and eddy activity of an equatorial ocean. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	34
11	Constraining Southern Ocean Air-Sea-Ice Fluxes Through Enhanced Observations. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	31
12	Modeling the spawning strategies and larval survival of the Brazilian sardine ( <i>Sardinella</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50,302 Td (b	3.2	29
13	The Atlantic Equatorial Undercurrent: PIRATA observations and simulations with GFDL Modular Ocean Model at CPTEC. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	28
14	Air-sea interaction at the Southern Brazilian Continental Shelf: In situ observations. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 6671-6695.	2.6	24
15	Regional modeling of the water masses and circulation annual variability at the Southern Brazilian Continental Shelf. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 1232-1253.	2.6	23
16	Connectivity of Marine Protected Areas and Its Relation with Total Kinetic Energy. <i>PLoS ONE</i> , 2015, 10, e0139601.	2.5	21
17	Uma Revisão dos Processos de Interação Oceano-Atmosfera em Regiões de Intenso Gradiente Termal do Oceano Atlântico Sul Baseada em Dados Observacionais. <i>Revista Brasileira De Meteorologia</i> , 2016, 31, 428-453.	0.5	21
18	Coupled ocean-atmosphere forecasting at short and medium time scales. <i>Journal of Marine Research</i> , 2017, 75, 877-921.	0.3	21

#	ARTICLE	IF	CITATIONS
19	Modulation mechanisms of marine atmospheric boundary layer at the Brazil–Malvinas Confluence region. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 6266-6280.	3.3	20
20	Multi-year satellite observations of instability waves in the Tropical Atlantic Ocean. <i>Ocean Science</i> , 2005, 1, 97-112.	3.4	19
21	Atmospheric boundary layer adjustment to the synoptic cycle at the Brazil–Malvinas Confluence, South Atlantic Ocean. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	18
22	An Investigation of Ocean Model Uncertainties Through Ensemble Forecast Experiments in the Southwest Atlantic Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 432-452.	2.6	18
23	Automated Detection Algorithm for SACZ, Oceanic SACZ, and Their Climatological Features. <i>Frontiers in Environmental Science</i> , 2020, 8, .	3.3	17
24	Extreme rainfall event in the Northeast coast of Brazil: a numerical sensitivity study. <i>Meteorology and Atmospheric Physics</i> , 2021, 133, 141-162.	2.0	17
25	Oceanic eddy-induced modifications to air–sea heat and CO <sub>2</sub> fluxes in the Brazil-Malvinas Confluence. <i>Scientific Reports</i> , 2021, 11, 10648.	3.3	16
26	The Influence of Sea Ice Dynamics on the Climate Sensitivity and Memory to Increased Antarctic Sea Ice. <i>Journal of Climate</i> , 2015, 28, 9642-9668.	3.2	15
27	Water quality longitudinal profile of the Para�ba do Sul River, Brazil during an extreme drought event. <i>Limnology and Oceanography</i> , 2017, 62, S131.	3.1	15
28	Patterns of interannual climate variability in large marine ecosystems. <i>Journal of Marine Systems</i> , 2014, 134, 57-68.	2.1	14
29	First measurements of the ocean-atmosphere CO <sub>2</sub> fluxes at the Cabo Frio upwelling system region, Southwestern Atlantic Ocean. <i>Continental Shelf Research</i> , 2019, 181, 135-142.	1.8	14
30	Air-Sea Interactions over Eddies in the Brazil-Malvinas Confluence. <i>Remote Sensing</i> , 2021, 13, 1335.	4.0	14
31	Coupled ocean–atmosphere modeling and predictions. <i>Journal of Marine Research</i> , 2017, 75, 361-402.	0.3	13
32	Oceanic and atmospheric patterns during spawning periods prior to extreme catches of the Brazilian sardine (&lt;i>Sardinella brasiliensis&lt;/i>) in the southwest Atlantic. <i>Scientia Marina</i> , 2011, 75, 665-677.	0.6	12
33	Satellite observations of the Pacific tropical instability wave characteristics and their interannual variability. <i>International Journal of Remote Sensing</i> , 2006, 27, 1581-1599.	2.9	11
34	The Role of Roughness and Stability on the Momentum Flux in the Marine Atmospheric Surface Layer: A Study on the Southwestern Atlantic Ocean. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 3914-3932.	3.3	11
35	Potential changes in the connectivity of marine protected areas driven by extreme ocean warming. <i>Scientific Reports</i> , 2021, 11, 10339.	3.3	10
36	The effect of Oceanic South Atlantic Convergence Zone episodes on regional SST anomalies: the roles of heat fluxes and upper-ocean dynamics. <i>Climate Dynamics</i> , 2022, 59, 2041-2065.	3.8	9

#	ARTICLE	IF	CITATIONS
37	Observations of air-sea heat fluxes in the southwestern Atlantic under high-frequency ocean and atmospheric perturbations. Quarterly Journal of the Royal Meteorological Society, 2020, 146, 4226-4251.	2.7	7
38	A sensitivity study using two different convection schemes over south america. Revista Brasileira De Meteorologia, 2008, 23, 170-189.	0.5	6
39	An analysis of the seasonal precipitation forecasts in South America using wavelets. International Journal of Climatology, 2009, 29, 1560-1573.	3.5	5
40	Variabilidade das anomalias de temperatura da superfície do mar no oceano atlântico sudoeste e sua relação com o fenômeno El Niño-Oscilação Sul. Revista Brasileira De Meteorologia, 2011, 26, 375-391.	0.5	5
41	Revisiting tropical instability wave variability in the Atlantic ocean using SODA reanalysis. Ocean Dynamics, 2018, 68, 327-345.	2.2	5
42	Changes in the global heat transport and eddy-mean flow interaction associated with weaker thermohaline circulation. International Journal of Climatology, 2012, 32, 2255-2270.	3.5	4
43	Sea surface temperature anomalies driven by oceanic local forcing in the Brazil-Malvinas Confluence. Ocean Dynamics, 2014, 64, 347-360.	2.2	4
44	Wave Anomaly Detection in Wave Measurements. Journal of Atmospheric and Oceanic Technology, 2021, 38, 525-536.	1.3	4
45	Desempenho e Previsões de um Modelo Regional Estatístico para a Região Sul do Brasil. Revista Brasileira De Geofísica, 2000, 18, 129.	0.2	3
46	Impacts of Wind Stress Changes on the Global Heat Transport, Baroclinic Instability, and the Thermohaline Circulation. Advances in Meteorology, 2016, 2016, 1-15.	1.6	3
47	Ocean-Atmosphere Interactions in an Extratropical Cyclone in the Southwest Atlantic. Anuario Do Instituto De Geociencias, 2019, 42, 525-535.	0.2	3
48	Waterfall Project: Sport, Science and Society Coming Together. Limnology and Oceanography Bulletin, 2016, 25, 97-102.	0.4	2
49	Efeitos do aumento da tensão de cisalhamento do vento no clima do Hemisfério Sul obtido do modelo acoplado SPEEDO. Revista Brasileira De Meteorologia, 2014, 29, 597-612.	0.5	2
50	Esquema Estatístico de Combinação e Correção de Previsões Climáticas - ECCOCLIM. Revista Brasileira De Meteorologia, 2008, 23, 347-359.	0.5	2
51	Glacial meltwater input to the ocean around the Antarctic Peninsula: forcings and consequences. Anais Da Academia Brasileira De Ciencias, 2022, 94, e20210811.	0.8	2
52	Sensitivity of South America Climate to Positive Extremes of Antarctic Sea Ice. Anais Da Academia Brasileira De Ciencias, 2022, 94, .	0.8	2
53	Temperature and precipitation anomalies over Brazil during the 1995 winter season: atmospheric and oceanic characteristics. Revista Brasileira De Geofísica, 1998, 16, 209-218.	0.2	1
54	Dois casos de ATSM analisados através de balanço de calor parcial para o Atlântico Sudoeste. Ciência E Natura, 0, , 375.	0.0	1

#	ARTICLE	IF	CITATIONS
55	EFEITO DO ACOPLAMENTO DOS MODELOS NUMÉRICOS ROMS-WRF NA CAMADA LIMITE PLANETÁRIA – UM ESTUDO DE CASO SOBRE A CONFLUÊNCIA BRASIL-MALVIAS. <i>Ciência E Natura</i> , 2013, .	0.0	1
56	Response of southern troposphere meridional circulation to historical maxima of Antarctic sea ice. <i>Anais Da Academia Brasileira De Ciencias</i> , 2022, 94, e20210795.	0.8	1
57	Lagged response of Tropical Atlantic Ocean to cold and fresh water pulse from Antarctic sea ice melting. <i>Anais Da Academia Brasileira De Ciencias</i> , 2022, 94, e20210800.	0.8	1
58	Possible teleconnections of winter rainfall in southern Brazil with Indian monsoon activity. <i>Meteorology and Atmospheric Physics</i> , 1998, 68, 53-56.	2.0	0
59	ANÁLISE DO ACOPLAMENTO OCEANO-ATMOSFERA EM ESCALA SINÓTICA AO LONGO DE 33 Â°S NOS DIAS 19 E 20 DE JUNHO DE 2012. <i>Ciência E Natura</i> , 2015, 37, .	0.0	0