Renellys C Perez

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4502893/publications.pdf

Version: 2024-02-01

43 papers	1,293 citations	361413 20 h-index	361022 35 g-index
45 all docs	45 docs citations	45 times ranked	1601 citing authors

#	Article	IF	Citations
1	Atlantic Meridional Overturning Circulation: Observed Transport and Variability. Frontiers in Marine Science, 2019, 6, .	2.5	120
2	Triggering of El NiÃ±o onset through trade windâ€“induced charging of the equatorial Pacific. Geophysical Research Letters, 2013, 40, 1212-1216.	4.0	112
3	A global surface drifter data set at hourly resolution. Journal of Geophysical Research: Oceans, 2016, 121, 2937-2966.	2.6	97
4	South Atlantic meridional fluxes. Deep-Sea Research Part I: Oceanographic Research Papers, 2013, 71, 21-32.	1.4	84
5	The Tropical Atlantic Observing System. Frontiers in Marine Science, 2019, 6, .	2.5	80
6	Temporal variability of the meridional overturning circulation at 34.5Â°S: Results from two pilot boundary arrays in the South Atlantic. Journal of Geophysical Research: Oceans, 2013, 118, 6461-6478.	2.6	70
7	PIRATA: A Sustained Observing System for Tropical Atlantic Climate Research and Forecasting. Earth and Space Science, 2019, 6, 577-616.	2.6	63
8	Meridional Overturning Circulation Transport Variability at 34.5Â°S During 2009â€“2017: Baroclinic and Barotropic Flows and the Dueling Influence of the Boundaries. Geophysical Research Letters, 2018, 45, 4180-4188.	4.0	55
9	ENSO and non-ENSO induced charging and discharging of the equatorial Pacific. Climate Dynamics, 2015, 45, 2309-2327.	3.8	53
10	The fate of the Deep Western Boundary Current in the South Atlantic. Deep-Sea Research Part I: Oceanographic Research Papers, 2015, 103, 125-136.	1.4	41
11	Basinâ€Wide Oceanographic Array Bridges the South Atlantic. Eos, 2014, 95, 53-54.	0.1	36
12	Geostrophic Velocity Measurement Techniques for the Meridional Overturning Circulation and Meridional Heat Transport in the South Atlantic. Journal of Atmospheric and Oceanic Technology, 2011, 28, 1504-1521.	1.3	33
13	Fulfilling Observing System Implementation Requirements with the Global Drifter Array. Journal of Atmospheric and Oceanic Technology, 2016, 33, 685-695.	1.3	32
14	Characteristics and causes of Deep Western Boundary Current transport variability at 34.5Â°â€¯S during 2009â€“2014. Ocean Science, 2017, 13, 175-194.	3.4	26
15	Highly variable upper and abyssal overturning cells in the South Atlantic. Science Advances, 2020, 6, eaba7573.	10.3	26
16	Role of Mixed Layer Dynamics in Tropical North Atlantic Interannual Sea Surface Temperature Variability. Journal of Climate, 2016, 29, 8083-8101.	3.2	25
17	Testing the Trade Wind Charging Mechanism and Its Influence on ENSO Variability. Journal of Climate, 2020, 33, 7391-7411.	3.2	25
18	Amazon <scp>R</scp>iver water in the northeastern <scp>C</scp>aribbean <scp>S</scp>ea and its effect on larval reef fish assemblages during <scp>A</scp>pril 2009. Fisheries Oceanography, 2014, 23, 472-494.	1.7	24

#	Article	IF	Citations
19	Interannual variations of Atlantic tropical instability waves. Journal of Geophysical Research, 2012, 117, .	3.3	23
20	Three-Dimensional Structure of Tropical Cells in the Central Equatorial Pacific Ocean*. Journal of Physical Oceanography, 2009, 39, 27-49.	1.7	21
21	Observed Ocean Bottom Temperature Variability at Four Sites in the Northwestern Argentine Basin: Evidence of Decadal Deep/Abyssal Warming Amidst Hourly to Interannual Variability During 2009â€“2019. Geophysical Research Letters, 2020, 47, e2020GL089093.	4.0	21
22	Mean meridional currents in the central and eastern equatorial Atlantic. Climate Dynamics, 2014, 43, 2943-2962.	3.8	19
23	Variations of Equatorial Shear, Stratification, and Turbulence Within a Tropical Instability Wave Cycle. Journal of Geophysical Research: Oceans, 2019, 124, 1858-1875.	2.6	19
24	Tropical Cells and a Secondary Circulation near the Northern Front of the Equatorial Pacific Cold Tongue*. Journal of Physical Oceanography, 2010, 40, 2091-2106.	1.7	18
25	Deep Western Boundary Current transport variability in the South Atlantic: preliminary results from a pilot array at 34.5Â° S. Ocean Science, 2012, 8, 1041-1054.	3.4	17
26	Shallow and Deep Eastern Boundary Currents in the South Atlantic at 34.5Â°S: Mean Structure and Variability. Journal of Geophysical Research: Oceans, 2019, 124, 1634-1659.	2.6	17
27	Warming Trend in Antarctic Bottom Water in the Vema Channel in the South Atlantic. Geophysical Research Letters, 2021, 48, e2021GL094709.	4.0	16
28	Variability of the Atlantic offâ€equatorial eastward currents during 1993â€“2010 using a synthetic method. Journal of Geophysical Research: Oceans, 2013, 118, 3026-3045.	2.6	15
29	Closed ranks in oceanography. Nature Geoscience, 2011, 4, 211-212.	12.9	12
30	Global Oceans. Bulletin of the American Meteorological Society, 2020, 101, S129-S184.	3.3	12
31	The Effects of Wind Forcing and Background Mean Currents on the Latitudinal Structure of Equatorial Rossby Waves. Journal of Physical Oceanography, 2005, 35, 666-682.	1.7	11
32	Global Oceans. Bulletin of the American Meteorological Society, 2021, 102, S143-S198.	3.3	11
33	Direct Measurements of Upper Ocean Horizontal Velocity and Vertical Shear in the Tropical North Atlantic at 4Â°Î, 23Â°W. Journal of Geophysical Research: Oceans, 2019, 124, 4133-4151.	2.6	10
34	Vertical Turbulent Cooling of the Mixed Layer in the Atlantic ITCZ and Trade Wind Regions. Journal of Geophysical Research: Oceans, 2020, 125, e2019JC015529.	2.6	8
35	Multiâ€Year Estimates of Daily Heat Transport by the Atlantic Meridional Overturning Circulation at 34.5Â°S. Journal of Geophysical Research: Oceans, 2021, 126, e2020JC016947.	2.6	8
36	Measuring the Atlantic Meridional Overturning Circulation. Marine Technology Society Journal, 2015, 49, 167-177.	0.4	8

#	Article	IF	Citations
37	A Generalized Method for Estimating the Structure of the Equatorial Atlantic Cold Tongue: Application to Drifter Observations. Journal of Atmospheric and Oceanic Technology, 2013, 30, 1884-1895.	1.3	7
38	Brazil Current Volume Transport Variability During 2009â€“2015 From a Longâ€Term Moored Array at 34.5Â°S. Journal of Geophysical Research: Oceans, 2021, 126, e2020JC017146.	2.6	7
39	Ocean Dynamics are Key to Extratropical Forcing of El NiÃ±o. Journal of Climate, 2021, 34, 8739-8753.	3.2	5
40	Surface Expressions of Atmospheric Thermal Tides in the Tropical Atlantic and Their Impact on Openâ€Ocean Precipitation. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD031997.	3.3	2
41	Revisiting the Recharge and Discharge Processes for Different Flavors of El NiÃ±o. Journal of Geophysical Research: Oceans, 2021, 126, e2020JC017075.	2.6	1
42	Atlantic Overturning Circulation Questions Abound. Eos, 2019, 100, .	0.1	1
43	Reply to 'Not just family matters'. Nature Geoscience, 2011, 4, 346-346.	12.9	0