

Renellys C Perez

List of Publications by Year in descending order

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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	Multi-Year Estimates of Daily Heat Transport by the Atlantic Meridional Overturning Circulation at 34.5°S. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC016947.	2.6	8
2	Brazil Current Volume Transport Variability During 2009–2015 From a Long-Term Moored Array at 34.5°S. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC017146.	2.6	7
3	Ocean Dynamics are Key to Extratropical Forcing of El Niño. <i>Journal of Climate</i> , 2021, 34, 8739-8753.	3.2	5
4	Global Oceans. <i>Bulletin of the American Meteorological Society</i> , 2021, 102, S143-S198.	3.3	11
5	Warming Trend in Antarctic Bottom Water in the Vema Channel in the South Atlantic. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094709.	4.0	16
6	Revisiting the Recharge and Discharge Processes for Different Flavors of El Niño. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC017075.	2.6	1
7	Surface Expressions of Atmospheric Thermal Tides in the Tropical Atlantic and Their Impact on Open-Ocean Precipitation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031997.	3.3	2
8	Highly variable upper and abyssal overturning cells in the South Atlantic. <i>Science Advances</i> , 2020, 6, eaba7573.	10.3	26
9	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 2009–2019. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089093.	4.0	21
10	Vertical Turbulent Cooling of the Mixed Layer in the Atlantic ITCZ and Trade Wind Regions. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2019JC015529.	2.6	8
11	Global Oceans. <i>Bulletin of the American Meteorological Society</i> , 2020, 101, S129-S184.	3.3	12
12	Testing the Trade Wind Charging Mechanism and Its Influence on ENSO Variability. <i>Journal of Climate</i> , 2020, 33, 7391-7411.	3.2	25
13	Atlantic Meridional Overturning Circulation: Observed Transport and Variability. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	120
14	Direct Measurements of Upper Ocean Horizontal Velocity and Vertical Shear in the Tropical North Atlantic at 4°N, 23°W. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 4133-4151.	2.6	10
15	PIRATA: A Sustained Observing System for Tropical Atlantic Climate Research and Forecasting. <i>Earth and Space Science</i> , 2019, 6, 577-616.	2.6	63
16	The Tropical Atlantic Observing System. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	80
17	Variations of Equatorial Shear, Stratification, and Turbulence Within a Tropical Instability Wave Cycle. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 1858-1875.	2.6	19
18	Shallow and Deep Eastern Boundary Currents in the South Atlantic at 34.5°S: Mean Structure and Variability. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 1634-1659.	2.6	17

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19	Atlantic Overturning Circulation Questions Abound. <i>Eos</i> , 2019, 100, .	0.1	1
20	Meridional Overturning Circulation Transport Variability at 34.5°S During 2009–2017: Baroclinic and Barotropic Flows and the Dueling Influence of the Boundaries. <i>Geophysical Research Letters</i> , 2018, 45, 4180-4188.	4.0	55
21	Characteristics and causes of Deep Western Boundary Current transport variability at 34.5°S during 2009–2014. <i>Ocean Science</i> , 2017, 13, 175-194.	3.4	26
22	A global surface drifter data set at hourly resolution. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 2937-2966.	2.6	97
23	Role of Mixed Layer Dynamics in Tropical North Atlantic Interannual Sea Surface Temperature Variability. <i>Journal of Climate</i> , 2016, 29, 8083-8101.	3.2	25
24	Fulfilling Observing System Implementation Requirements with the Global Drifter Array. <i>Journal of Atmospheric and Oceanic Technology</i> , 2016, 33, 685-695.	1.3	32
25	The fate of the Deep Western Boundary Current in the South Atlantic. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 103, 125-136.	1.4	41
26	ENSO and non-ENSO induced charging and discharging of the equatorial Pacific. <i>Climate Dynamics</i> , 2015, 45, 2309-2327.	3.8	53
27	Measuring the Atlantic Meridional Overturning Circulation. <i>Marine Technology Society Journal</i> , 2015, 49, 167-177.	0.4	8
28	Amazon river water in the northeastern Caribbean Sea and its effect on larval reef fish assemblages during April 2009. <i>Fisheries Oceanography</i> , 2014, 23, 472-494.	1.7	24
29	Mean meridional currents in the central and eastern equatorial Atlantic. <i>Climate Dynamics</i> , 2014, 43, 2943-2962.	3.8	19
30	Basin-Wide Oceanographic Array Bridges the South Atlantic. <i>Eos</i> , 2014, 95, 53-54.	0.1	36
31	Temporal variability of the meridional overturning circulation at 34.5°S: Results from two pilot boundary arrays in the South Atlantic. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 6461-6478.	2.6	70
32	South Atlantic meridional fluxes. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2013, 71, 21-32.	1.4	84
33	A Generalized Method for Estimating the Structure of the Equatorial Atlantic Cold Tongue: Application to Drifter Observations. <i>Journal of Atmospheric and Oceanic Technology</i> , 2013, 30, 1884-1895.	1.3	7
34	Triggering of El Niño onset through trade wind-induced charging of the equatorial Pacific. <i>Geophysical Research Letters</i> , 2013, 40, 1212-1216.	4.0	112
35	Variability of the Atlantic off-equatorial eastward currents during 1993–2010 using a synthetic method. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 3026-3045.	2.6	15
36	Interannual variations of Atlantic tropical instability waves. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	23

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37	Deep Western Boundary Current transport variability in the South Atlantic: preliminary results from a pilot array at 34.5° S. <i>Ocean Science</i> , 2012, 8, 1041-1054.	3.4	17
38	Geostrophic Velocity Measurement Techniques for the Meridional Overturning Circulation and Meridional Heat Transport in the South Atlantic. <i>Journal of Atmospheric and Oceanic Technology</i> , 2011, 28, 1504-1521.	1.3	33
39	Closed ranks in oceanography. <i>Nature Geoscience</i> , 2011, 4, 211-212.	12.9	12
40	Reply to 'Not just family matters'. <i>Nature Geoscience</i> , 2011, 4, 346-346.	12.9	0
41	Tropical Cells and a Secondary Circulation near the Northern Front of the Equatorial Pacific Cold Tongue*. <i>Journal of Physical Oceanography</i> , 2010, 40, 2091-2106.	1.7	18
42	Three-Dimensional Structure of Tropical Cells in the Central Equatorial Pacific Ocean*. <i>Journal of Physical Oceanography</i> , 2009, 39, 27-49.	1.7	21
43	The Effects of Wind Forcing and Background Mean Currents on the Latitudinal Structure of Equatorial Rossby Waves. <i>Journal of Physical Oceanography</i> , 2005, 35, 666-682.	1.7	11