Marlos Goes

List of Publications by Year
in descending order

33 papers	828 citations	567281 15 h-index	501196 28 g-index
34 all docs	34 docs citations	34 times ranked	1293 citing authors

#	Article	IF	Citations
1	Atlantic circulation change still uncertain. Nature Geoscience, 2022, 15, 165-167.	12.9	29
2	Synergy of In Situ and Satellite Ocean Observations in Determining Meridional Heat Transport in the Atlantic Ocean. Journal of Geophysical Research: Oceans, 2021, 126, e2020JC017073.	2.6	6
3	Pacific Mean-State Control of Atlantic Multidecadal Oscillationâ€“El NiÃ±o Relationship. Journal of Climate, 2020, 33, 4273-4291.	3.2	12
4	The Complementary Value of XBT and Argo Observations to Monitor Ocean Boundary Currents and Meridional Heat and Volume Transports: A Case Study in the Atlantic Ocean. Journal of Atmospheric and Oceanic Technology, 2020, 37, 2267-2282.	1.3	6
5	The Stability of the AMOC During Heinrich Events Is Not Dependent on the AMOC Strength in an Intermediate Complexity Earth System Model Ensemble. Paleoceanography and Paleoclimatology, 2019, 34, 1359-1374.	2.9	4
6	More Than 50 Years of Successful Continuous Temperature Section Measurements by the Global Expendable Bathythermograph Network, Its Integrability, Societal Benefits, and Future. Frontiers in Marine Science, 2019, 6, .	2.5	31
7	Global Perspectives on Observing Ocean Boundary Current Systems. Frontiers in Marine Science, 2019, 6, .	2.5	39
8	Interannual Sea Level Variability Along the Southeastern Seaboard of the United States in Relation to the Gyreâ€Scale Heat Divergence in the North Atlantic. Geophysical Research Letters, 2019, 46, 7481-7490.	4.0	39
9	Longâ€Term Monitoring of the Brazil Current Transport at 22Â°S From XBT and Altimetry Data: Seasonal, Interannual, and Extreme Variability. Journal of Geophysical Research: Oceans, 2019, 124, 3645-3663.	2.6	17
10	The Tropical Atlantic Observing System. Frontiers in Marine Science, 2019, 6, .	2.5	80
11	Propagating Modes of Variability and Their Impact on the Western Boundary Current in the South Atlantic. Journal of Geophysical Research: Oceans, 2019, 124, 3168-3185.	2.6	13
12	Global Meridional Overturning Circulation Inferred From a Dataâ€Constrained Ocean & Seaâ€Ice Model. Geophysical Research Letters, 2019, 46, 1521-1530.	4.0	19
13	An Updated Estimate of Salinity for the Atlantic Ocean Sector Using Temperatureâ€“Salinity Relationships. Journal of Atmospheric and Oceanic Technology, 2018, 35, 1771-1784.	1.3	14
14	The Role of African Dust in Atlantic Climate During Heinrich Events. Paleoceanography, 2017, 32, 1291-1308.	3.0	3
15	The Impact of Improved Thermistor Calibration on the Expendable Bathythermograph Profile Data. Journal of Atmospheric and Oceanic Technology, 2017, 34, 1947-1961.	1.3	3
16	Modeled sensitivity of the N orthwestern P acific upperâ€ocean response to tropical cyclones in a fully coupled climate model with varying ocean grid resolution. Journal of Geophysical Research: Oceans, 2016, 121, 586-601.	2.6	15
17	An assessment of the Brazil Current baroclinic structure and variability near 22Â° S in Distinct Ocean Forecasting and Analysis Systems. Ocean Dynamics, 2016, 66, 893-916.	2.2	19
18	XBT Science: Assessment of Instrumental Biases and Errors. Bulletin of the American Meteorological Society, 2016, 97, 924-933.	3.3	72

#	Article	IF	Citations
19	The impact of historical biases on the XBTâ€derived meridional overturning circulation estimates at 34Â°S. Geophysical Research Letters, 2015, 42, 1848-1855.	4.0	11
20	An optimal XBTâ€based monitoring system for the <scp>S</scp>outh <scp>A</scp>tlantic meridional overturning circulation at 34Â°S. Journal of Geophysical Research: Oceans, 2015, 120, 161-181.	2.6	17
21	Measuring the Atlantic Meridional Overturning Circulation. Marine Technology Society Journal, 2015, 49, 167-177.	0.4	8
22	Investigation of the causes of historical changes in the subsurface salinity minimum of the South Atlantic. Journal of Geophysical Research: Oceans, 2014, 119, 5654-5675.	2.6	9
23	Reducing Biases in XBT Measurements by Including Discrete Information from Pressure Switches. Journal of Atmospheric and Oceanic Technology, 2013, 30, 810-824.	1.3	10
24	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
25	A climate sensitivity estimate using Bayesian fusion of instrumental observations and an Earth System model. Journal of Geophysical Research, 2012, 117, .	3.3	62
26	Changes in the intermediate water mass formation rates in the global ocean for the Last Glacial Maximum, midâ€Holocene and preâ€industrial climates. Paleoceanography, 2012, 27, .	3.0	21
27	The economics (or lack thereof) of aerosol geoengineering. Climatic Change, 2011, 109, 719-744.	3.6	130
28	Climate response to tropical cycloneâ€induced ocean mixing in an Earth system model of intermediate complexity. Journal of Geophysical Research, 2010, 115, .	3.3	38
29	What is the skill of ocean tracers in reducing uncertainties about ocean diapycnal mixing and projections of the Atlantic Meridional Overturning Circulation?. Journal of Geophysical Research, 2010, 115, .	3.3	28
30	Eddy Formation in the Tropical Atlantic Induced by Abrupt Changes in the Meridional Overturning Circulation. Journal of Physical Oceanography, 2009, 39, 3021-3031.	1.7	4
31	Changes in subduction in the South Atlantic Ocean during the 21st century in the CCSM3. Geophysical Research Letters, 2008, 35, .	4.0	9
32	Retroflections of the North Brazil Current during February 2002. Deep-Sea Research Part I: Oceanographic Research Papers, 2005, 52, 647-667.	1.4	33
33	Equatorial currents transport changes for extreme warm and cold events in the Atlantic Ocean. Geophysical Research Letters, 2003, 30, n/a-n/a.	4.0	11