# Marlos Goes

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | The economics (or lack thereof) of aerosol geoengineering. Climatic Change, 2011, 109, 719-744. | 3.6 | 130 |
| 2 | The Tropical Atlantic Observing System. Frontiers in Marine Science, 2019, 6, . | 2.5 | 80 |
| 3 | XBT Science: Assessment of Instrumental Biases and Errors. Bulletin of the American Meteorological Society, 2016, 97, 924-933. | 3.3 | 72 |
| 4 | A climate sensitivity estimate using Bayesian fusion of instrumental observations and an Earth System model. Journal of Geophysical Research, 2012, 117, . | 3.3 | 62 |
| 5 | Global Perspectives on Observing Ocean Boundary Current Systems. Frontiers in Marine Science, 2019, 6, . | 2.5 | 39 |
| 6 | 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 |
| 7 | 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 |
| 8 | Retroflections of the North Brazil Current during February 2002. Deep-Sea Research Part I: Oceanographic Research Papers, 2005, 52, 647-667. | 1.4 | 33 |
| 9 | 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 |
| 10 | Atlantic circulation change still uncertain. Nature Geoscience, 2022, 15, 165-167. | 12.9 | 29 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | Global Meridional Overturning Circulation Inferred From a Dataâ€Constrained Ocean & Seaâ€Ice Model. Geophysical Research Letters, 2019, 46, 1521-1530. | 4.0 | 19 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | 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 |
| 20 | 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 |
| 21 | Pacific Mean-State Control of Atlantic Multidecadal Oscillationâ€“El NiÃ±o Relationship. Journal of Climate, 2020, 33, 4273-4291. | 3.2 | 12 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | Changes in subduction in the South Atlantic Ocean during the 21st century in the CCSM3. Geophysical Research Letters, 2008, 35, . | 4.0 | 9 |
| 26 | 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 |
| 27 | Measuring the Atlantic Meridional Overturning Circulation. Marine Technology Society Journal, 2015, 49, 167-177. | 0.4 | 8 |
| 28 | 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 |
| 29 | 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 |
| 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 | 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 |
| 32 | The Role of African Dust in Atlantic Climate During Heinrich Events. Paleoceanography, 2017, 32, 1291-1308. | 3.0 | 3 |
| 33 | 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 |