

William Johns

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

3,623
citations

279798

23
h-index

345221

36
g-index

37
all docs

37
docs citations

37
times ranked

3581
citing authors

#	ARTICLE	IF	CITATIONS
1	Temporal Variability of the Atlantic Meridional Overturning Circulation at 26.5°N. <i>Science</i> , 2007, 317, 935-938.	12.6	718
2	Continuous, Array-Based Estimates of Atlantic Ocean Heat Transport at 26.5°N. <i>Journal of Climate</i> , 2011, 24, 2429-2449.	3.2	352
3	A sea change in our view of overturning in the subpolar North Atlantic. <i>Science</i> , 2019, 363, 516-521.	12.6	333
4	Seasonal Variability of the Atlantic Meridional Overturning Circulation at 26.5°N. <i>Journal of Climate</i> , 2010, 23, 5678-5698.	3.2	270
5	The North Atlantic Ocean Is in a State of Reduced Overturning. <i>Geophysical Research Letters</i> , 2018, 45, 1527-1533.	4.0	263
6	Observed interannual variability of the Atlantic meridional overturning circulation at 26.5°N. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	211
7	Observed Flow Compensation Associated with the MOC at 26.5°N in the Atlantic. <i>Science</i> , 2007, 317, 938-941.	12.6	205
8	Ocean circulation causes the largest freshening event for 120 years in eastern subpolar North Atlantic. <i>Nature Communications</i> , 2020, 11, 585.	12.8	142
9	Observations of seasonal exchange through the Straits of Hormuz and the inferred heat and freshwater budgets of the Persian Gulf. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	132
10	Wind-forced interannual variability of the Atlantic Meridional Overturning Circulation at 26.5°N. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 2403-2419.	2.6	105
11	Atlantic Climate Variability and Predictability: A CLIVAR Perspective. <i>Journal of Climate</i> , 2006, 19, 5100-5121.	3.2	99
12	Variability of Shallow and Deep Western Boundary Currents off the Bahamas during 2004-05: Results from the 26°N RAPID-MOC Array. <i>Journal of Physical Oceanography</i> , 2008, 38, 605-623.	1.7	93
13	Basinwide Integrated Volume Transports in an Eddy-Filled Ocean. <i>Journal of Physical Oceanography</i> , 2009, 39, 3091-3110.	1.7	91
14	The Tropical Atlantic Observing System. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	80
15	Equatorial upwelling enhances nitrogen fixation in the Atlantic Ocean. <i>Geophysical Research Letters</i> , 2013, 40, 1766-1771.	4.0	55
16	HF radar observations of small-scale surface current variability in the Straits of Florida. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	42
17	Wind-Driven Seasonal Cycle of the Atlantic Meridional Overturning Circulation. <i>Journal of Physical Oceanography</i> , 2014, 44, 1541-1562.	1.7	40
18	Inferring upwelling rates in the equatorial Atlantic using ⁷ Be measurements in the upper ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2011, 58, 647-657.	1.4	39

#	ARTICLE	IF	CITATIONS
19	Compensation between meridional flow components of the Atlantic MOC at 26°N. <i>Ocean Science</i> , 2016, 12, 481-493.	3.4	38
20	Zonal structure and seasonal variability of the Atlantic Equatorial Undercurrent. <i>Climate Dynamics</i> , 2014, 43, 3047-3069.	3.8	34
21	Observed and modeled pathways of the Iceland Scotland Overflow Water in the eastern North Atlantic. <i>Progress in Oceanography</i> , 2017, 159, 211-222.	3.2	34
22	Major variations in subtropical North Atlantic heat transport at short (5 day) timescales and their causes. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 3237-3249.	2.6	27
23	Teleconnection between the Atlantic Meridional Overturning Circulation and Sea Level in the Mediterranean Sea. <i>Journal of Climate</i> , 2019, 32, 935-955.	3.2	26
24	Interior Pathways of Labrador Sea Water in the North Atlantic From the Argo Perspective. <i>Geophysical Research Letters</i> , 2019, 46, 3340-3348.	4.0	25
25	Eddy impacts on the Florida Current. <i>Geophysical Research Letters</i> , 2013, 40, 349-353.	4.0	23
26	Sea surface slope as an estimator of the Kuroshio volume transport east of Taiwan. <i>Geophysical Research Letters</i> , 2001, 28, 2461-2464.	4.0	22
27	Structure and Transport of the North Atlantic Current in the Eastern Subpolar Gyre From Sustained Glider Observations. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 6019-6038.	2.6	22
28	The Kinematic Similarity of Two Western Boundary Currents Revealed by Sustained High-Resolution Observations. <i>Geophysical Research Letters</i> , 2018, 45, 6176-6185.	4.0	21
29	Sea surface structure of North Brazil Current rings derived from shipboard and moored acoustic Doppler current profiler observations. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	20
30	A continuous record of Florida Current temperature transport at 27°N. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	16
31	The seasonal cycle of meridional heat transport at 24°N in the North Pacific and in the global ocean. <i>Journal of Geophysical Research</i> , 2002, 107, 20-1.	3.3	14
32	Moored Observations of the Iceland-Scotland Overflow Plume Along the Eastern Flank of the Reykjanes Ridge. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017524.	2.6	9
33	The Summer Circulation in the Gulf of Suez and Its Influence in the Red Sea Thermohaline Circulation. <i>Journal of Physical Oceanography</i> , 2017, 47, 2047-2053.	1.7	8
34	Transport and Evolution of the East Reykjanes Ridge Current. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2020JC016377.	2.6	6
35	The importance of deep, basinwide measurements in optimized Atlantic meridional overturning circulation observing arrays. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 1808-1826.	2.6	5
36	Tropical Atlantic variability and coupled model climate biases: results from the Tropical Atlantic Climate Experiment (TACE). <i>Climate Dynamics</i> , 2014, 43, 2887-2887.	3.8	3