

Elaine L Mcdonagh

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,887
citations

331670

21
h-index

265206

42
g-index

47
all docs

47
docs citations

47
times ranked

2986
citing authors

#	ARTICLE	IF	CITATIONS
1	Thirty Years of GOSHIP and WOCE Data: Atlantic Overturning of Mass, Heat, and Freshwater Transport. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	16
2	Mechanisms of Ocean Heat Uptake along and across Isopycnals. <i>Journal of Climate</i> , 2022, 35, 4885-4904.	3.2	1
3	Decomposing oceanic temperature and salinity change using ocean carbon change. <i>Ocean Science</i> , 2022, 18, 523-548.	3.4	1
4	How Is the Ocean Anthropogenic Carbon Reservoir Filled?. <i>Global Biogeochemical Cycles</i> , 2022, 36, .	4.9	9
5	Recent Water Mass Changes Reveal Mechanisms of Ocean Warming. <i>Journal of Climate</i> , 2021, 34, 3461-3479.	3.2	21
6	Counteracting Contributions of the Upper and Lower Meridional Overturning Limbs to the North Atlantic Nutrient Budgets: Enhanced Imbalance in 2010. <i>Global Biogeochemical Cycles</i> , 2021, 35, e2020GB006898.	4.9	4
7	Surface atmospheric forcing as the driver of long-term pathways and timescales of ocean ventilation. <i>Ocean Science</i> , 2021, 17, 935-952.	3.4	3
8	Circulation-driven variability of Atlantic anthropogenic carbon transports and uptake. <i>Nature Geoscience</i> , 2021, 14, 571-577.	12.9	15
9	The Technological, Scientific, and Sociological Revolution of Global Subsurface Ocean Observing. <i>Oceanography</i> , 2021, , 2-8.	1.0	2
10	Reduction in Ocean Heat Transport at 26°N since 2008 Cools the Eastern Subpolar Gyre of the North Atlantic Ocean. <i>Journal of Climate</i> , 2020, 33, 1677-1689.	3.2	49
11	Signature of Ocean Warming at the Mixed Layer Base. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086269.	4.0	12
12	Importance of Boundary Processes for Heat Uptake in the Subpolar North Atlantic. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2020JC016366.	2.6	8
13	Atlantic Meridional Overturning Circulation: Observed Transport and Variability. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	120
14	Stability of the Atlantic Meridional Overturning Circulation: A Review and Synthesis. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 5336-5375.	2.6	109
15	The upper, deep, abyssal and overturning circulation in the Atlantic Ocean at 30°S in 2003 and 2011. <i>Progress in Oceanography</i> , 2019, 176, 102136.	3.2	21
16	The Global Ocean Ship-Based Hydrographic Investigations Program (GO-SHIP): A Platform for Integrated Multidisciplinary Ocean Science. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	60
17	Model-Derived Uncertainties in Deep Ocean Temperature Trends Between 1990 and 2010. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 1155-1169.	2.6	13
18	Subpolar North Atlantic Overturning and Gyre-Scale Circulation in the Summers of 2014 and 2016. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 4538-4559.	2.6	44

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19	Deep temperature variability in Drake Passage. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 713-725.	2.6	8
20	Global and Full-Depth Ocean Temperature Trends during the Early Twenty-First Century from Argo and Repeat Hydrography. <i>Journal of Climate</i> , 2017, 30, 1985-1997.	3.2	89
21	Observational Advances in Estimates of Oceanic Heating. <i>Current Climate Change Reports</i> , 2016, 2, 127-134.	8.6	6
22	Deep and abyssal ocean warming from 35 years of repeat hydrography. <i>Geophysical Research Letters</i> , 2016, 43, 10,356.	4.0	110
23	Impact of slowdown of Atlantic overturning circulation on heat and freshwater transports. <i>Geophysical Research Letters</i> , 2016, 43, 7625-7631.	4.0	12
24	Changes in Ocean Heat, Carbon Content, and Ventilation: A Review of the First Decade of GO-SHIP Global Repeat Hydrography. <i>Annual Review of Marine Science</i> , 2016, 8, 185-215.	11.6	183
25	Continuous Estimate of Atlantic Oceanic Freshwater Flux at 26.5°N. <i>Journal of Climate</i> , 2015, 28, 8888-8906.	3.2	50
26	Impact of a 30% reduction in Atlantic meridional overturning during 2009–2010. <i>Ocean Science</i> , 2014, 10, 683-691.	3.4	61
27	Full-depth temperature trends in the northeastern Atlantic through the early 21st century. <i>Geophysical Research Letters</i> , 2014, 41, 7971-7979.	4.0	23
28	Control of Mode and Intermediate Water Mass Properties in Drake Passage by the Amundsen Sea Low. <i>Journal of Climate</i> , 2013, 26, 5102-5123.	3.2	22
29	Shear at the Base of the Oceanic Mixed Layer Generated by Wind Shear Alignment. <i>Journal of Physical Oceanography</i> , 2013, 43, 1798-1810.	1.7	21
30	On the sub-decadal variability of South Atlantic Antarctic Intermediate Water. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	8
31	Is the deep Indian Ocean MOC sustained by breaking internal waves?. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	36
32	Nutrient streams in the North Atlantic: Advective pathways of inorganic and dissolved organic nutrients. <i>Global Biogeochemical Cycles</i> , 2011, 25, n/a-n/a.	4.9	57
33	Decadal Variability of Thermocline and Intermediate Waters at 24°S in the South Atlantic. <i>Journal of Physical Oceanography</i> , 2011, 41, 157-165.	1.7	20
34	Circulation, Heat, and Freshwater Transport at 36°N in the Atlantic. <i>Journal of Physical Oceanography</i> , 2010, 40, 2661-2678.	1.7	24
35	Circulation and Transport in the Western Boundary Currents at Cape Farewell, Greenland. <i>Journal of Physical Oceanography</i> , 2009, 39, 1854-1870.	1.7	60
36	Large-scale distribution of Atlantic nitrogen fixation controlled by iron availability. <i>Nature Geoscience</i> , 2009, 2, 867-871.	12.9	396

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37	The circulation of the Indian Ocean at 32°S. <i>Progress in Oceanography</i> , 2008, 79, 20-36.	3.2	40
38	A twenty year reversal in water mass trends in the subtropical North Atlantic. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	33
39	Oceanic Fluxes in the South Atlantic. <i>Journal of Physical Oceanography</i> , 2005, 35, 109-122.	1.7	45
40	Decadal Changes in the South Indian Ocean Thermocline. <i>Journal of Climate</i> , 2005, 18, 1575-1590.	3.2	66
41	Decadal changes in ocean properties revealed by ARGO floats. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	6