

Damien Desbruyères

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,701
citations

430874

18
h-index

552781

26
g-index

45
all docs

45
docs citations

45
times ranked

2566
citing authors

#	ARTICLE	IF	CITATIONS
1	Global sea-level budget 1993â€“present. <i>Earth System Science Data</i> , 2018, 10, 1551-1590.	9.9	409
2	On the Future of Argo: A Global, Full-Depth, Multi-Disciplinary Array. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	235
3	Heat stored in the Earth system: where does the energy go?. <i>Earth System Science Data</i> , 2020, 12, 2013-2041.	9.9	181
4	Variability of the meridional overturning circulation at the Greenlandâ€“Portugal OVIDE section from 1993 to 2010. <i>Progress in Oceanography</i> , 2015, 132, 250-261.	3.2	112
5	Deep and abyssal ocean warming from 35Âˆyears of repeat hydrography. <i>Geophysical Research Letters</i> , 2016, 43, 10,356.	4.0	110
6	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
7	Pending recovery in the strength of the meridional overturning circulation at 26Â°â€“N. <i>Ocean Science</i> , 2020, 16, 863-874.	3.4	65
8	Surface flux and ocean heat transport convergence contributions to seasonal and interannual variations of ocean heat content. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 726-744.	2.6	58
9	The evolution of the North Atlantic Meridional Overturning Circulation since 1980. <i>Nature Reviews Earth & Environment</i> , 2022, 3, 241-254.	29.7	58
10	Surface predictor of overturning circulation and heat content change in the subpolar North Atlantic. <i>Ocean Science</i> , 2019, 15, 809-817.	3.4	52
11	A Road Map to IndOOS-2: Better Observations of the Rapidly Warming Indian Ocean. <i>Bulletin of the American Meteorological Society</i> , 2020, 101, E1891-E1913.	3.3	48
12	Short-term impacts of enhanced Greenland freshwater fluxes in an eddy-permitting ocean model. <i>Ocean Science</i> , 2010, 6, 749-760.	3.4	39
13	Recent multivariate changes in the North Atlantic climate system, with a focus on 2005â€“2016. <i>International Journal of Climatology</i> , 2018, 38, 5050-5076.	3.5	34
14	Origin, formation and variability of the Subpolar Mode Water located over the Reykjanes Ridge. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	30
15	A shift in the ocean circulation has warmed the subpolar North Atlantic Ocean since 2016. <i>Communications Earth & Environment</i> , 2021, 2, .	6.8	29
16	On the mechanisms behind decadal heat content changes in the eastern subpolar gyre. <i>Progress in Oceanography</i> , 2015, 132, 262-272.	3.2	25
17	Fullâ€“depth temperature trends in the northeastern Atlantic through the early 21st century. <i>Geophysical Research Letters</i> , 2014, 41, 7971-7979.	4.0	23
18	Variability in the global energy budget and transports 1985â€“2017. <i>Climate Dynamics</i> , 2020, 55, 3381-3396.	3.8	23

#	ARTICLE	IF	CITATIONS
19	Simulated decadal variability of the meridional overturning circulation across the A25°Ovide section. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 462-475.	2.6	20
20	Modelâ€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
21	Preparing the New Phase of Argo: Scientific Achievements of the NAOS Project. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	10
22	Deep temperature variability in Drake Passage. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 713-725.	2.6	8
23	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
24	Observational Advances in Estimates of Oceanic Heating. <i>Current Climate Change Reports</i> , 2016, 2, 127-134.	8.6	6
25	Observationâ€Based Estimates of Eulerianâ€Mean Boundary Downwelling in the Western Subpolar North Atlantic. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	3
26	Warmingâ€toâ€Cooling Reversal of Overflowâ€Derived Water Masses in the Irminger Sea During 2002â€2021. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	1