

Pascale Lherminier

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

1,958
citations

279798

23
h-index

265206

42
g-index

84
all docs

84
docs citations

84
times ranked

2343
citing authors

#	ARTICLE	IF	CITATIONS
1	Cessation and partial reversal of deep water freshening in the northern North Atlantic: observation-based estimates and attribution. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 62, 80.	1.7	28
2	Rapidly Increasing Artificial Iodine Highlights Pathways of Iceland-Scotland Overflow Water and Labrador Sea Water. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	2
3	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
4	The CISE-LOCEAN seawater isotopic database (1998â€”2021). <i>Earth System Science Data</i> , 2022, 14, 2721-2735.	9.9	6
5	Tidal and Near-Inertial Internal Waves over the Reykjanes Ridge. <i>Journal of Physical Oceanography</i> , 2021, 51, 419-437.	1.7	11
6	Subpolar North Atlantic western boundary density anomalies and the Meridional Overturning Circulation. <i>Nature Communications</i> , 2021, 12, 3002.	12.8	47
7	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
8	Sustainable Observations of the AMOC: Methodology and Technology. <i>Reviews of Geophysics</i> , 2020, 58, e2019RG000654.	23.0	39
9	The Northeast Atlantic is running out of excess carbonate in the horizon of cold-water corals communities. <i>Scientific Reports</i> , 2020, 10, 14714.	3.3	6
10	North Atlantic Western Boundary Currents Are Intense Dissolved Organic Carbon Streams. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	2
11	Dissolved iron in the North Atlantic Ocean and Labrador Sea along the GEOVIDE section (GEOTRACES) Tj ETQq1 1 0.784314 rgBT /Over	3.3	24
12	Particulate rare earth element behavior in the North Atlantic (GEOVIDE cruise). <i>Biogeosciences</i> , 2020, 17, 5539-5561.	3.3	8
13	Inputs and processes affecting the distribution of particulate iron in the North Atlantic along the GEOVIDE (GEOTRACES GA01) section. <i>Biogeosciences</i> , 2019, 16, 1563-1582.	3.3	14
14	Sources and Distribution of Fresh Water Around Cape Farewell in 2014. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 9404-9416.	2.6	5
15	Meridional overturning circulation conveys fast acidification to the deep Atlantic Ocean. <i>Nature</i> , 2018, 554, 515-518.	27.8	64
16	Sources, cycling and transfer of mercury in the Labrador Sea (Geotraces-Geovide cruise). <i>Marine Chemistry</i> , 2018, 198, 64-69.	2.3	21
17	Introduction to the French GEOTRACES North Atlantic Transect (GA01): GEOVIDE cruise. <i>Biogeosciences</i> , 2018, 15, 7097-7109.	3.3	10
18	Water mass distributions and transports for the 2014 GEOVIDE cruise in the North Atlantic. <i>Biogeosciences</i> , 2018, 15, 2075-2090.	3.3	41

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19	Transport and storage of anthropogenic C in the North Atlantic Subpolar Ocean. <i>Biogeosciences</i> , 2018, 15, 4661-4682.	3.3	7
20	Aluminium in the North Atlantic Ocean and the Labrador Sea (GEOTRACES GA01 section): roles of continental inputs and biogenic particle removal. <i>Biogeosciences</i> , 2018, 15, 5271-5286.	3.3	19
21	Tracing water masses with $\delta^{137}\text{Cs}$ and $\delta^{236}\text{U}$ in the subpolar North Atlantic along the GEOTRACES GA01 section. <i>Biogeosciences</i> , 2018, 15, 5545-5564.	3.3	22
22	Mercury distribution and transport in the North Atlantic Ocean along the GEOTRACES-GA01 transect. <i>Biogeosciences</i> , 2018, 15, 2309-2323.	3.3	29
23	The GEOTRACES Intermediate Data Product 2017. <i>Chemical Geology</i> , 2018, 493, 210-223.	3.3	257
24	Composition of freshwater in the spring of 2014 on the southern Labrador shelf and slope. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 1102-1121.	2.6	13
25	The GEOVIDE cruise in May-June 2014 reveals an intense Meridional Overturning Circulation over a cold and fresh subpolar North Atlantic. <i>Biogeosciences</i> , 2017, 14, 5323-5342.	3.3	29
26	Variability of the Turbulent Kinetic Energy Dissipation along the A25 Greenland-Portugal Transect Repeated from 2002 to 2012. <i>Journal of Physical Oceanography</i> , 2016, 46, 1989-2003.	1.7	7
27	The northern North Atlantic Ocean mean circulation in the early 21st century. <i>Progress in Oceanography</i> , 2016, 146, 142-158.	3.2	124
28	Dissolved inorganic carbon budgets in the eastern subpolar North Atlantic in the 2000s from in situ data. <i>Geophysical Research Letters</i> , 2015, 42, 9853-9861.	4.0	9
29	Structure, transports and transformations of the water masses in the Atlantic Subpolar Gyre. <i>Progress in Oceanography</i> , 2015, 135, 18-36.	3.2	69
30	Variability of the meridional overturning circulation at the Greenland-Portugal OVIDE section from 1993 to 2010. <i>Progress in Oceanography</i> , 2015, 132, 250-261.	3.2	112
31	Variability of the transport of anthropogenic CO_2 at the Greenland-Portugal OVIDE section: controlling mechanisms. <i>Biogeosciences</i> , 2014, 11, 2375-2389.	3.3	12
32	Dissipation Rate Estimates from Microstructure and Finescale Internal Wave Observations along the A25 Greenland-Portugal OVIDE Line. <i>Journal of Atmospheric and Oceanic Technology</i> , 2014, 31, 2530-2543.	1.3	17
33	Observations of Irminger Sea Anticyclonic Eddies. <i>Journal of Physical Oceanography</i> , 2013, 43, 805-823.	1.7	34
34	Atlantic Ocean CO_2 uptake reduced by weakening of the meridional overturning circulation. <i>Nature Geoscience</i> , 2013, 6, 146-152.	12.9	101
35	Diagnosing Surface Mixed Layer Dynamics from High-Resolution Satellite Observations: Numerical Insights. <i>Journal of Physical Oceanography</i> , 2013, 43, 1345-1355.	1.7	32
36	On the Cascading of Dense Shelf Waters in the Irminger Sea. <i>Journal of Physical Oceanography</i> , 2012, 42, 2254-2267.	1.7	33

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37	Mean full-depth summer circulation and transports at the northern periphery of the Atlantic Ocean in the 2000s. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	95
38	The 1992-2009 transport variability of the East Greenland-Irminger Current at 60°N. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	25
39	The Irminger Gyre: Circulation, convection, and interannual variability. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2011, 58, 590-614.	1.4	113
40	Altimetry Combined with Hydrography for Ocean Transport Estimation. <i>Journal of Atmospheric and Oceanic Technology</i> , 2011, 28, 1324-1337.	1.3	38
41	Circulation and Transport at the Southeast Tip of Greenland. <i>Journal of Physical Oceanography</i> , 2011, 41, 437-457.	1.7	26
42	Trends of anthropogenic CO ₂ storage in North Atlantic water masses. <i>Biogeosciences</i> , 2010, 7, 1789-1807.	3.3	46
43	Assessing decadal changes in the Deep Western Boundary Current absolute transport southeast of Cape Farewell, Greenland, from hydrography and altimetry. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	18
44	The Atlantic Meridional Overturning Circulation and the subpolar gyre observed at the A25-OVIDE section in June 2002 and 2004. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2010, 57, 1374-1391.	1.4	73
45	Cessation and partial reversal of deep water freshening in the northern North Atlantic: observation-based estimates and attribution. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2010, , .	1.7	0
46	A Long-Lasting Mode Water Vortex in the Northeast Atlantic Ocean. <i>Journal of Physical Oceanography</i> , 2009, 39, 536-558.	1.7	7
47	Recent changes in the Greenland-Scotland overflow-derived water transport inferred from hydrographic observations in the southern Irminger Sea. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	22
48	XBT Temperature Errors during French Research Cruises (1999-2007). <i>Journal of Atmospheric and Oceanic Technology</i> , 2009, 26, 2462-2473.	1.3	23
49	Les courants de l'Atlantique Nord le projet OVIDE. <i>Houille Blanche</i> , 2008, 94, 30-32.	0.3	0
50	Transports across the 2002 Greenland-Portugal Ovide section and comparison with 1997. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	110
51	Internal and forced variability along a section between Greenland and Portugal in the CLIPPER Atlantic model. <i>Ocean Dynamics</i> , 2006, 56, 568-580.	2.2	16
52	Evidence of strong inertia-gravity wave activity during the POMME experiment. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	12
53	Interpretation of mean vertical velocity measured by isobaric floats during deep convective events. <i>Journal of Marine Systems</i> , 2001, 29, 221-237.	2.1	7
54	The Greenland Sea in Water 1993 and 1994: preconditioning for deep convection. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 1999, 46, 1199-1235.	1.4	23