Pascale Lherminier

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1919933/publications.pdf

Version: 2024-02-01

54	1,958	279798 23	265206 42
papers	citations	h-index	g-index

84	84	84	2343
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The GEOTRACES Intermediate Data Product 2017. Chemical Geology, 2018, 493, 210-223.	3.3	257
2	The northern North Atlantic Ocean mean circulation in the early 21st century. Progress in Oceanography, 2016, 146, 142-158.	3.2	124
3	The Irminger Gyre: Circulation, convection, and interannual variability. Deep-Sea Research Part I: Oceanographic Research Papers, 2011, 58, 590-614.	1.4	113
4	Variability of the meridional overturning circulation at the Greenlandâ€“Portugal OVIDE section from 1993 to 2010. Progress in Oceanography, 2015, 132, 250-261.	3.2	112
5	Transports across the 2002 Greenlandâ€Portugal Ovide section and comparison with 1997. Journal of Geophysical Research, 2007, 112, .	3.3	110
6	Atlantic Ocean CO2 uptake reduced by weakening of the meridional overturning circulation. Nature Geoscience, 2013, 6, 146-152.	12.9	101
7	Mean fullâ€depth summer circulation and transports at the northern periphery of the Atlantic Ocean in the 2000s. Journal of Geophysical Research, 2012, 117, .	3.3	95
8	The Atlantic Meridional Overturning Circulation and the subpolar gyre observed at the A25-OVIDE section in June 2002 and 2004. Deep-Sea Research Part I: Oceanographic Research Papers, 2010, 57, 1374-1391.	1.4	73
9	Structure, transports and transformations of the water masses in the Atlantic Subpolar Gyre. Progress in Oceanography, 2015, 135, 18-36.	3.2	69
10	Meridional overturning circulation conveys fast acidification to the deep Atlantic Ocean. Nature, 2018, 554, 515-518.	27.8	64
11	Subpolar North Atlantic western boundary density anomalies and the Meridional Overturning Circulation. Nature Communications, 2021, 12, 3002.	12.8	47
12	Trends of anthropogenic CO₂ storage in North Atlantic water masses. Biogeosciences, 2010, 7, 1789-1807.	3.3	46
13	Water mass distributions and transports for the 2014 GEOVIDE cruise in the North Atlantic. Biogeosciences, 2018, 15, 2075-2090.	3.3	41
14	Sustainable Observations of the AMOC: Methodology and Technology. Reviews of Geophysics, 2020, 58, e2019RG000654.	23.0	39
15	Altimetry Combined with Hydrography for Ocean Transport Estimation. Journal of Atmospheric and Oceanic Technology, 2011, 28, 1324-1337.	1.3	38
16	Observations of Irminger Sea Anticyclonic Eddies. Journal of Physical Oceanography, 2013, 43, 805-823.	1.7	34
17	On the Cascading of Dense Shelf Waters in the Irminger Sea. Journal of Physical Oceanography, 2012, 42, 2254-2267.	1.7	33
18	Diagnosing Surface Mixed Layer Dynamics from High-Resolution Satellite Observations: Numerical Insights. Journal of Physical Oceanography, 2013, 43, 1345-1355.	1.7	32

#	Article	IF	Citations
19	The GEOVIDE cruise in Mayâ€“JuneÂ2014 reveals an intense Meridional Overturning Circulation over a cold and fresh subpolar North Atlantic. Biogeosciences, 2017, 14, 5323-5342.	3.3	29
20	Mercury distribution and transport in the North Atlantic Ocean along the GEOTRACES-GA01 transect. Biogeosciences, 2018, 15, 2309-2323.	3.3	29
21	Cessation and partial reversal of deep water freshening in the northern North Atlantic: observation-based estimates and attribution. Tellus, Series A: Dynamic Meteorology and Oceanography, 2022, 62, 80.	1.7	28
22	Circulation and Transport at the Southeast Tip of Greenland. Journal of Physical Oceanography, 2011, 41, 437-457.	1.7	26
23	The 1992-2009 transport variability of the East Greenland-Irminger Current at 60Â°N. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	25
24	Dissolved iron in the North Atlantic Ocean and Labrador Sea along the GEOVIDE section (GEOTRACES) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.3	24
25	The Greenland Sea in Water 1993 and 1994: preconditioning for deep convection. Deep-Sea Research Part II: Topical Studies in Oceanography, 1999, 46, 1199-1235.	1.4	23
26	XBT Temperature Errors during French Research Cruises (1999â€“2007). Journal of Atmospheric and Oceanic Technology, 2009, 26, 2462-2473.	1.3	23
27	Recent changes in the Greenlandâ€“Scotland overflowâ€derived water transport inferred from hydrographic observations in the southern Irminger Sea. Geophysical Research Letters, 2009, 36, .	4.0	22
28	Tracing water masses with ¹²⁹I and ²³⁶U in the subpolar North Atlantic along the GEOTRACES GA01 section. Biogeosciences, 2018, 15, 5545-5564.	3.3	22
29	Sources, cycling and transfer of mercury in the Labrador Sea (Geotraces-Geovide cruise). Marine Chemistry, 2018, 198, 64-69.	2.3	21
30	Aluminium in the North Atlantic Ocean and the Labrador Sea (GEOTRACES GA01 section): roles of continental inputs and biogenic particle removal. Biogeosciences, 2018, 15, 5271-5286.	3.3	19
31	Assessing decadal changes in the Deep Western Boundary Current absolute transport southeast of Cape Farewell, Greenland, from hydrography and altimetry. Journal of Geophysical Research, 2010, 115, .	3.3	18
32	Dissipation Rate Estimates from Microstructure and Finescale Internal Wave Observations along the A25 Greenlandâ€“Portugal OVIDE Line. Journal of Atmospheric and Oceanic Technology, 2014, 31, 2530-2543.	1.3	17
33	Internal and forced variability along a section between Greenland and Portugal in the CLIPPER Atlantic model. Ocean Dynamics, 2006, 56, 568-580.	2.2	16
34	Inputs and processes affecting the distribution of particulate iron in the North Atlantic along the GEOVIDE (GEOTRACES GA01) section. Biogeosciences, 2019, 16, 1563-1582.	3.3	14
35	Composition of freshwater in the spring of 2014 on the southern Labrador shelf and slope. Journal of Geophysical Research: Oceans, 2017, 122, 1102-1121.	2.6	13
36	Evidence of strong inertia-gravity wave activity during the POMME experiment. Journal of Geophysical Research, 2005, 110, .	3.3	12

#	Article	IF	Citations
37	Variability of the transport of anthropogenic CO₂ at the Greenlandâ€“Portugal OVIDE section: controlling mechanisms. Biogeosciences, 2014, 11, 2375-2389.	3.3	12
38	Tidal and Near-Inertial Internal Waves over the Reykjanes Ridge. Journal of Physical Oceanography, 2021, 51, 419-437.	1.7	11
39	Introduction to the French GEOTRACES North Atlantic Transect (GA01): GEOVIDE cruise. Biogeosciences, 2018, 15, 7097-7109.	3.3	10
40	Dissolved inorganic carbon budgets in the eastern subpolar North Atlantic in the 2000s from in situ data. Geophysical Research Letters, 2015, 42, 9853-9861.	4.0	9
41	Particulate rare earth element behavior in the North Atlantic (GEOVIDE cruise). Biogeosciences, 2020, 17, 5539-5561.	3.3	8
42	Interpretation of mean vertical velocity measured by isobaric floats during deep convective events. Journal of Marine Systems, 2001, 29, 221-237.	2.1	7
43	A Long-Lasting Mode Water Vortex in the Northeast Atlantic Ocean. Journal of Physical Oceanography, 2009, 39, 536-558.	1.7	7
44	Variability of the Turbulent Kinetic Energy Dissipation along the A25 Greenlandâ€“Portugal Transect Repeated from 2002 to 2012. Journal of Physical Oceanography, 2016, 46, 1989-2003.	1.7	7
45	Transport and storage of anthropogenic C in the North Atlantic Subpolar Ocean. Biogeosciences, 2018, 15, 4661-4682.	3.3	7
46	The Northeast Atlantic is running out of excess carbonate in the horizon of cold-water corals communities. Scientific Reports, 2020, 10, 14714.	3.3	6
47	The CISE-LOCEAN seawater isotopic database (1998â€“2021). Earth System Science Data, 2022, 14, 2721-2735.	9.9	6
48	Sources and Distribution of Fresh Water Around Cape Farewell in 2014. Journal of Geophysical Research: Oceans, 2019, 124, 9404-9416.	2.6	5
49	Counteracting Contributions of the Upper and Lower Meridional Overturning Limbs to the North Atlantic Nutrient Budgets: Enhanced Imbalance in 2010. Global Biogeochemical Cycles, 2021, 35, e2020GB006898.	4.9	4
50	North Atlantic Western Boundary Currents Are Intense Dissolved Organic Carbon Streams. Frontiers in Marine Science, 2020, 7, .	2.5	2
51	Rapidly Increasing Artificial Iodine Highlights Pathways of Iceland-Scotland Overflow Water and Labrador Sea Water. Frontiers in Marine Science, 2022, 9, .	2.5	2
52	Warmingâ€toâ€Cooling Reversal of Overflowâ€Derived Water Masses in the Irminger Sea During 2002â€“2021. Geophysical Research Letters, 2022, 49, .	4.0	1
53	Les courants de lâ€™Atlantique Nord â€“ le projet OVIDE. Houille Blanche, 2008, 94, 30-32.	0.3	0
54	Cessation and partial reversal of deep water freshening in the northern North Atlantic: observation-based estimates and attribution. Tellus, Series A: Dynamic Meteorology and Oceanography, 2010, , .	1.7	0