

Cecilie Mauritzen

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

2,348
citations

331670

21
h-index

434195

31
g-index

32
all docs

32
docs citations

32
times ranked

2953
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface currents in operational oceanography: Key applications, mechanisms, and methods. <i>Journal of Operational Oceanography</i> , 2023, 16, 60-88.	1.2	14
2	On the relationship between climate sensitivity and modelling uncertainty. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 69, 1327765.	1.7	12
3	Ten years of modeling the Deepwater Horizon oil spill. <i>Environmental Modelling and Software</i> , 2021, 142, 105070.	4.5	17
4	Towards integrated modeling of the long-term impacts of oil spills. <i>Marine Policy</i> , 2021, 131, 104554.	3.2	10
5	Potential sources of marine plastic from survey beaches in the Arctic and Northeast Atlantic. <i>Science of the Total Environment</i> , 2021, 790, 148009.	8.0	28
6	Impact of recirculation on the East Greenland Current in Fram Strait: Results from moored current meter measurements between 1997 and 2009. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2014, 92, 26-40.	1.4	83
7	Upper-ocean hydrography of the Nordic Seas during the International Polar Year (2007-2008) as observed by instrumented seals and Argo floats. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2014, 93, 41-59.	1.4	9
8	Transport estimates of the Western Branch of the Norwegian Atlantic Current from glider surveys. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2013, 79, 86-95.	1.4	21
9	In pursuit of anomalies—Analyzing the poleward transport of Atlantic Water with surface drifters. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2013, 85, 96-108.	1.4	22
10	Deepwater Formation. <i>International Geophysics</i> , 2013, 103, 227-253.	0.6	9
11	The Arctic and Subarctic Oceans/Seas. <i>International Geophysics</i> , 2013, 103, 443-470.	0.6	5
12	Arctic freshwater. <i>Nature Geoscience</i> , 2012, 5, 162-164.	12.9	21
13	Importance of density-compensated temperature change for deep North Atlantic Ocean heat uptake. <i>Nature Geoscience</i> , 2012, 5, 905-910.	12.9	35
14	Surface circulation in the Nordic Seas from clustered drifters. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2011, 58, 468-485.	1.4	86
15	Closing the loop—Approaches to monitoring the state of the Arctic Mediterranean during the International Polar Year 2007-2008. <i>Progress in Oceanography</i> , 2011, 90, 62-89.	3.2	47
16	Arctic Ocean Warming Contributes to Reduced Polar Ice Cap. <i>Journal of Physical Oceanography</i> , 2010, 40, 2743-2756.	1.7	284
17	Capabilities of Global Ocean Programmes to Inform Climate Services. <i>Procedia Environmental Sciences</i> , 2010, 1, 342-353.	1.4	1
18	Seasonal variability in Atlantic Water off Spitsbergen. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2009, 56, 1-14.	1.4	59

#	ARTICLE	IF	CITATIONS
19	Chapter 1 Impacts of the Oceans on Climate Change. <i>Advances in Marine Biology</i> , 2009, 56, 1-150.	1.4	110
20	Dense water formation in the Nordic Seas diagnosed from sea surface buoyancy fluxes. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2007, 54, 22-41.	1.4	67
21	Observational program tracks Arctic Ocean transition to a warmer state. <i>Eos</i> , 2007, 88, 398-399.	0.1	58
22	The flow of Atlantic water to the Nordic Seas and Arctic Ocean. , 2007, , 123-146.		15
23	Atlantic Climate Variability and Predictability: A CLIVAR Perspective. <i>Journal of Climate</i> , 2006, 19, 5100-5121.	3.2	99
24	Dilution of the Northern North Atlantic Ocean in Recent Decades. <i>Science</i> , 2005, 308, 1772-1774.	12.6	335
25	Circulation and mixing in the Faroese Channels. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2005, 52, 883-913.	1.4	113
26	Wind-Driven Variability of the Large-Scale Recirculating Flow in the Nordic Seas and Arctic Ocean. <i>Journal of Physical Oceanography</i> , 2003, 33, 2534-2550.	1.7	69
27	On the influence of Mediterranean Water on the Central Waters of the North Atlantic Ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2001, 48, 347-381.	1.4	72
28	On the origin of the warm inflow to the Nordic Seas. <i>Progress in Oceanography</i> , 2001, 51, 125-214.	3.2	105
29	On the relationship between dense water formation and the "Meridional Overturning Cell" in the North Atlantic Ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 1999, 46, 877-894.	1.4	44
30	Influence of sea ice on the thermohaline circulation in the Arctic-North Atlantic Ocean. <i>Geophysical Research Letters</i> , 1997, 24, 3257-3260.	4.0	74
31	Production of dense overflow waters feeding the North Atlantic across the Greenland-Scotland Ridge. Part 1: Evidence for a revised circulation scheme. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 1996, 43, 769-806.	1.4	343
32	Production of dense overflow waters feeding the North Atlantic across the Greenland-Scotland Ridge. Part 2: An inverse model. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 1996, 43, 807-835.	1.4	81