

Michael S McCartney

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

3,816
citations

257101

24
h-index

552369

26
g-index

26
all docs

26
docs citations

26
times ranked

3552
citing authors

#	ARTICLE	IF	CITATIONS
1	North Atlantic climate variability: phenomena, impacts and mechanisms. <i>International Journal of Climatology</i> , 2001, 21, 1863-1898.	1.5	860
2	On the North Atlantic Circulation. <i>Reviews of Geophysics</i> , 1993, 31, 29-49.	9.0	629
3	The Subpolar Mode Water of the North Atlantic Ocean. <i>Journal of Physical Oceanography</i> , 1982, 12, 1169-1188.	0.7	347
4	Oceanic transport of subpolar climate signals to mid-depth subtropical waters. <i>Nature</i> , 1998, 391, 575-577.	13.7	287
5	Ocean Gyre Circulation Changes Associated with the North Atlantic Oscillation*. <i>Journal of Physical Oceanography</i> , 2001, 31, 3374-3400.	0.7	284
6	Water-mass distributions in the western South Atlantic; A section from South Georgia Island (54S) northward across the equator. <i>Journal of Marine Research</i> , 1994, 52, 55-81.	0.3	154
7	An eastern Atlantic section from Iceland southward across the equator. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1992, 39, 1885-1917.	1.6	137
8	On the origin of the warm inflow to the Nordic Seas. <i>Progress in Oceanography</i> , 2001, 51, 125-214.	1.5	105
9	A deep cyclonic gyre in the Australian Antarctic Basin. <i>Progress in Oceanography</i> , 2007, 75, 675-750.	1.5	101
10	The arrival of recently formed Labrador sea water in the Deep Western Boundary Current at 26.5°N. <i>Geophysical Research Letters</i> , 1998, 25, 2249-2252.	1.5	95
11	Inertial Taylor columns on a beta plane. <i>Journal of Fluid Mechanics</i> , 1975, 68, 71.	1.4	86
12	Changes in Antarctic Bottom Water properties in the western South Atlantic in the late 1980s. <i>Journal of Geophysical Research</i> , 1996, 101, 8957-8970.	3.3	86
13	Anomalous Anomalies in Averaged Hydrographic Data. <i>Journal of Physical Oceanography</i> , 1994, 24, 2624-2638.	0.7	84
14	Transport of the North Atlantic Deep Western Boundary Current about 39°N, 70°W: 2004–2008. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2011, 58, 1768-1780.	0.6	79
15	Antarctic Bottom Water Flux in the Equatorial Western Atlantic*. <i>Journal of Physical Oceanography</i> , 1997, 27, 1903-1926.	0.7	77
16	Spreading of Labrador Sea Water in the eastern North Atlantic. <i>Journal of Geophysical Research</i> , 1998, 103, 10223-10239.	3.3	75
17	Moored observations of the Deep Western Boundary Current in the North Atlantic: 2004–2014. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 7488-7505.	1.0	50
18	Tracing lower North Atlantic deep water across the equator. <i>Journal of Geophysical Research</i> , 1991, 96, 20443-20448.	3.3	44

#	ARTICLE	IF	CITATIONS
19	Freshwater export from the Labrador Current to the North Atlantic Current at the Tail of the Grand Banks of Newfoundland. Deep-Sea Research Part I: Oceanographic Research Papers, 2010, 57, 258-283.	0.6	42
20	Direct observations of the Antarctic Slope Current transport at 113°E. Journal of Geophysical Research: Oceans, 2016, 121, 7390-7407.	1.0	35
21	Hemispheric asymmetry of deep water transport modes in the western Atlantic. Journal of Geophysical Research, 1994, 99, 25165.	3.3	34
22	Bottom Water Circulation in the Western North Atlantic. Journal of Physical Oceanography, 1992, 22, 83-92.	0.7	33
23	On the variability of the deep meridional transports in the tropical North Atlantic. Deep-Sea Research Part I: Oceanographic Research Papers, 2008, 55, 1601-1623.	0.6	32
24	Sources and transport of the Deep Western Boundary Current East of the Kerguelen Plateau. Geophysical Research Letters, 1999, 26, 851-854.	1.5	25
25	Northern boundary currents and adjacent recirculations off southwestern Australia. Geophysical Research Letters, 1997, 24, 2797-2800.	1.5	19
26	On the Sources of North Atlantic Deep Water. Journal of Physical Oceanography, 1993, 23, 1885-1892.	0.7	16