

# Michael S McCartney

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26

papers

3,343

citations

23

h-index

26

g-index

26

ext. papers

3,504

ext. citations

6.1

avg, IF

4.87

L-index

#	Paper	IF	Citations
26	Moored observations of the Deep Western Boundary Current in the NW Atlantic: 2004-2014. <i>Journal of Geophysical Research: Oceans</i> , <b>2017</b> , 122, 7488-7505	3.3	38
25	Direct observations of the Antarctic Slope Current transport at 113°E. <i>Journal of Geophysical Research: Oceans</i> , <b>2016</b> , 121, 7390-7407	3.3	22
24	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> , <b>2011</b> , 58, 1768-1780	2.3	72
23	Freshwater export from the Labrador Current to the North Atlantic Current at the Tail of the Grand Banks of Newfoundland. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2010</b> , 57, 258-283	2.5	31
22	On the variability of the deep meridional transports in the tropical North Atlantic. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2008</b> , 55, 1601-1623	2.5	25
21	A deep cyclonic gyre in the Australian Antarctic Basin. <i>Progress in Oceanography</i> , <b>2007</b> , 75, 675-750	3.8	89
20	Ocean Gyre Circulation Changes Associated with the North Atlantic Oscillation*. <i>Journal of Physical Oceanography</i> , <b>2001</b> , 31, 3374-3400	2.4	269
19	North Atlantic climate variability: phenomena, impacts and mechanisms. <i>International Journal of Climatology</i> , <b>2001</b> , 21, 1863-1898	3.5	764
18	On the origin of the warm inflow to the Nordic Seas. <i>Progress in Oceanography</i> , <b>2001</b> , 51, 125-214	3.8	96
17	Sources and transport of the Deep Western Boundary Current East of the Kerguelen Plateau. <i>Geophysical Research Letters</i> , <b>1999</b> , 26, 851-854	4.9	24
16	Oceanic transport of subpolar climate signals to mid-depth subtropical waters. <i>Nature</i> , <b>1998</b> , 391, 575-577	37.4	260
15	The arrival of recently formed Labrador sea water in the Deep Western Boundary Current at 26.5°N. <i>Geophysical Research Letters</i> , <b>1998</b> , 25, 2249-2252	4.9	84
14	Spreading of Labrador Sea Water in the eastern North Atlantic. <i>Journal of Geophysical Research</i> , <b>1998</b> , 103, 10223-10239		67
13	Antarctic Bottom Water Flux in the Equatorial Western Atlantic*. <i>Journal of Physical Oceanography</i> , <b>1997</b> , 27, 1903-1926	2.4	71
12	Northern boundary currents and adjacent recirculations off southwestern Australia. <i>Geophysical Research Letters</i> , <b>1997</b> , 24, 2797-2800	4.9	17
11	Changes in Antarctic Bottom Water properties in the western South Atlantic in the late 1980s. <i>Journal of Geophysical Research</i> , <b>1996</b> , 101, 8957-8970		75
10	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> , <b>1994</b> , 52, 55-81	1.5	141

- 9 Hemispheric asymmetry of deep water transport modes in the western Atlantic. *Journal of Geophysical Research*, **1994**, 99, 25165 29
- 8 Anomalous Anomalies in Averaged Hydrographic Data. *Journal of Physical Oceanography*, **1994**, 24, 2624-2638 71
- 7 On the North Atlantic Circulation. *Reviews of Geophysics*, **1993**, 31, 29-49 23.1 516
- 6 On the Sources of North Atlantic Deep Water. *Journal of Physical Oceanography*, **1993**, 23, 1885-1892 2.4 16
- 5 Bottom Water Circulation in the Western North Atlantic. *Journal of Physical Oceanography*, **1992**, 22, 83-92 2.4 28
- 4 An eastern Atlantic section from Iceland southward across the equator. *Deep-sea Research Part A, Oceanographic Research Papers*, **1992**, 39, 1885-1917 120
- 3 Tracing lower North Atlantic deep water across the equator. *Journal of Geophysical Research*, **1991**, 96, 20443 37
- 2 The Subpolar Mode Water of the North Atlantic Ocean. *Journal of Physical Oceanography*, **1982**, 12, 1169-1188 303
- 1 Inertial Taylor columns on a beta plane. *Journal of Fluid Mechanics*, **1975**, 68, 71 3.7 78