

# Michael S McCartney

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/4030248/michael-s-mccartney-publications-by-citations.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	North Atlantic climate variability: phenomena, impacts and mechanisms. <i>International Journal of Climatology</i> , <b>2001</b> , 21, 1863-1898	3.5	764
25	On the North Atlantic Circulation. <i>Reviews of Geophysics</i> , <b>1993</b> , 31, 29-49	23.1	516
24	The Subpolar Mode Water of the North Atlantic Ocean. <i>Journal of Physical Oceanography</i> , <b>1982</b> , 12, 1169-1188	2.1	303
23	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
22	Oceanic transport of subpolar climate signals to mid-depth subtropical waters. <i>Nature</i> , <b>1998</b> , 391, 575-576	37.4	260
21	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
20	An eastern Atlantic section from Iceland southward across the equator. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , <b>1992</b> , 39, 1885-1917		120
19	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
18	A deep cyclonic gyre in the Australian Antarctic Basin. <i>Progress in Oceanography</i> , <b>2007</b> , 75, 675-750	3.8	89
17	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
16	Inertial Taylor columns on a beta plane. <i>Journal of Fluid Mechanics</i> , <b>1975</b> , 68, 71	3.7	78
15	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
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> , <b>2011</b> , 58, 1768-1780	2.3	72
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	Anomalous Anomalies in Averaged Hydrographic Data. <i>Journal of Physical Oceanography</i> , <b>1994</b> , 24, 2624-2638	2.3	71
11	Spreading of Labrador Sea Water in the eastern North Atlantic. <i>Journal of Geophysical Research</i> , <b>1998</b> , 103, 10223-10239		67
10	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

9	Tracing lower North Atlantic deep water across the equator. <i>Journal of Geophysical Research</i> , <b>1991</b> , 96, 20443		37
8	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
7	Hemispheric asymmetry of deep water transport modes in the western Atlantic. <i>Journal of Geophysical Research</i> , <b>1994</b> , 99, 25165		29
6	Bottom Water Circulation in the Western North Atlantic. <i>Journal of Physical Oceanography</i> , <b>1992</b> , 22, 83-92	2.4	28
5	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
4	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
3	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
2	Northern boundary currents and adjacent recirculations off southwestern Australia. <i>Geophysical Research Letters</i> , <b>1997</b> , 24, 2797-2800	4.9	17
1	On the Sources of North Atlantic Deep Water. <i>Journal of Physical Oceanography</i> , <b>1993</b> , 23, 1885-1892	2.4	16