

Carl Wunsch

List of Publications by Citations

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163
papers

13,703
citations

57
h-index

115
g-index

173
ext. papers

15,039
ext. citations

8.7
avg, IF

6.94
L-index

#	Paper	IF	Citations
163	Abyssal recipes II: energetics of tidal and wind mixing. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 1998 , 45, 1977-2010	2.5	1370
162	VERTICAL MIXING, ENERGY, AND THE GENERAL CIRCULATION OF THE OCEANS. <i>Annual Review of Fluid Mechanics</i> , 2004 , 36, 281-314	22	922
161	Improved estimates of global ocean circulation, heat transport and mixing from hydrographic data. <i>Nature</i> , 2000 , 408, 453-7	50.4	863
160	Ocean Circulation Kinetic Energy: Reservoirs, Sources, and Sinks. <i>Annual Review of Fluid Mechanics</i> , 2009 , 41, 253-282	22	486
159	Ocean acoustic tomography: a scheme for large scale monitoring. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1979 , 26, 123-161		379
158	Ocean Acoustic Tomography 1995 ,		354
157	An estimate of global ocean circulation and heat fluxes. <i>Nature</i> , 1996 , 382, 436-439	50.4	309
156	The North Atlantic general circulation west of 50°W determined by inverse methods. <i>Reviews of Geophysics</i> , 1978 , 16, 583-620	23.1	296
155	Large-Scale Ocean Heat and Freshwater Transports during the World Ocean Circulation Experiment. <i>Journal of Climate</i> , 2003 , 16, 696-705	4.4	295
154	The Interpretation of Short Climate Records, with Comments on the North Atlantic and Southern Oscillations. <i>Bulletin of the American Meteorological Society</i> , 1999 , 80, 245-255	6.1	281
153	An Eddy-Permitting Southern Ocean State Estimate. <i>Journal of Physical Oceanography</i> , 2010 , 40, 880-899	2.4	271
152	Two transatlantic sections: meridional circulation and heat flux in the subtropical North Atlantic Ocean. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1985 , 32, 619-664		268
151	Atmospheric loading and the oceanic inverted barometer effect. <i>Reviews of Geophysics</i> , 1997 , 35, 79-107	23.1	266
150	Practical global oceanic state estimation. <i>Physica D: Nonlinear Phenomena</i> , 2007 , 230, 197-208	3.3	251
149	The Work Done by the Wind on the Oceanic General Circulation. <i>Journal of Physical Oceanography</i> , 1998 , 28, 2332-2340	2.4	249
148	Internal tides in the ocean. <i>Reviews of Geophysics</i> , 1975 , 13, 167	23.1	234
147	Obliquity pacing of the late Pleistocene glacial terminations. <i>Nature</i> , 2005 , 434, 491-4	50.4	232

146	The Vertical Partition of Oceanic Horizontal Kinetic Energy. <i>Journal of Physical Oceanography</i> , 1997 , 27, 1770-1794	2.4	231
145	Oceanography. What is the thermohaline circulation?. <i>Science</i> , 2002 , 298, 1179-81	33.3	164
144	Experimental study of internal waves over a slope. <i>Journal of Fluid Mechanics</i> , 1974 , 66, 223-239	3.7	162
143	On using satellite altimetry to determine the general circulation of the oceans with application to geoid improvement. <i>Reviews of Geophysics</i> , 1980 , 18, 725	23.1	160
142	Bermuda sea level in relation to tides, weather, and baroclinic fluctuations. <i>Reviews of Geophysics</i> , 1972 , 10, 1	23.1	159
141	Abrupt climate change: An alternative view. <i>Quaternary Research</i> , 2006 , 65, 191-203	1.9	154
140	The Global General Circulation of the Ocean Estimated by the ECCO-Consortium. <i>Oceanography</i> , 2009 , 22, 88-103	2.3	144
139	Decadal Trends in Sea Level Patterns: 1993-2004. <i>Journal of Climate</i> , 2007 , 20, 5889-5911	4.4	138
138	Mass, Heat, Salt and Nutrient Fluxes in the South Pacific Ocean. <i>Journal of Physical Oceanography</i> , 1983 , 13, 725-753	2.4	128
137	Internal waves in Hudson Canyon with possible geological implications. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1982 , 29, 415-442		128
136	Progressive internal waves on slopes. <i>Journal of Fluid Mechanics</i> , 1969 , 35, 131-144	3.7	126
135	SATELLITE ALTIMETRY, THE MARINE GEOID, AND THE OCEANIC GENERAL CIRCULATION. <i>Annual Review of Earth and Planetary Sciences</i> , 1998 , 26, 219-253	15.3	118
134	The Total Meridional Heat Flux and Its Oceanic and Atmospheric Partition. <i>Journal of Climate</i> , 2005 , 18, 4374-4380	4.4	104
133	Temporal changes in eddy energy of the oceans. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 1999 , 46, 77-108	2.3	100
132	On sharp spectral lines in the climate record and the millennial peak. <i>Paleoceanography</i> , 2000 , 15, 417-424		99
131	Estimated Decadal Changes in the North Atlantic Meridional Overturning Circulation and Heat Flux 1993-2004. <i>Journal of Physical Oceanography</i> , 2006 , 36, 2012-2024	2.4	96
130	De-aliasing of global high frequency barotropic motions in altimeter observations. <i>Geophysical Research Letters</i> , 2000 , 27, 1175-1178	4.9	95
129	Estimates of the Southern Ocean general circulation improved by animal-borne instruments. <i>Geophysical Research Letters</i> , 2013 , 40, 6176-6180	4.9	93

128	Apparent changes in the climatic state of the deep North Atlantic Ocean. <i>Nature</i> , 1984 , 307, 447-450	50.4	92
127	Space and time scales of mesoscale motion in the western North Atlantic. <i>Reviews of Geophysics</i> , 1977 , 15, 385	23.1	92
126	Discrete Inverse and State Estimation Problems: With Geophysical Fluid Applications 2006 ,		92
125	Equatorial adjustment in the eastern Atlantic. <i>Geophysical Research Letters</i> , 1978 , 5, 637-640	4.9	86
124	Mass, heat, oxygen and nutrient fluxes and budgets in the North Atlantic Ocean. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1991 , 38, S355-S377		83
123	Quantitative estimate of the Milankovitch-forced contribution to observed Quaternary climate change. <i>Quaternary Science Reviews</i> , 2004 , 23, 1001-1012	3.9	81
122	Constraints from paleotracer data on the North Atlantic circulation during the Last Glacial Maximum. <i>Paleoceanography</i> , 1995 , 10, 1011-1045		81
121	Oceanographic Experiment Design by Simulated Annealing. <i>Journal of Physical Oceanography</i> , 1990 , 20, 1249-1263	2.4	80
120	Towards the general circulation of the North Atlantic ocean. <i>Progress in Oceanography</i> , 1982 , 11, 1-59	3.8	78
119	Determining paleoceanographic circulations, with emphasis on the Last Glacial Maximum. <i>Quaternary Science Reviews</i> , 2003 , 22, 371-385	3.9	76
118	Dynamically and Kinematically Consistent Global Ocean Circulation and Ice State Estimates. <i>International Geophysics</i> , 2013 , 103, 553-579		75
117	The Climatology of Deep Ocean Internal Waves. <i>Journal of Physical Oceanography</i> , 1979 , 9, 235-243	2.4	70
116	An Eclectic Atlantic Ocean Circulation Model. Part I: The Meridional Flux of Heat. <i>Journal of Physical Oceanography</i> , 1984 , 14, 1712-1733	2.4	68
115	On the Wind Power Input to the Ocean General Circulation. <i>Journal of Physical Oceanography</i> , 2012 , 42, 1357-1365	2.4	67
114	How long to oceanic tracer and proxy equilibrium?. <i>Quaternary Science Reviews</i> , 2008 , 27, 637-651	3.9	65
113	Is the North Atlantic in Sverdrup Balance?. <i>Journal of Physical Oceanography</i> , 1985 , 15, 1876-1880	2.4	63
112	Ocean acoustic tomography: Rays and modes. <i>Reviews of Geophysics</i> , 1983 , 21, 777	23.1	63
111	Moon, tides and climate. <i>Nature</i> , 2000 , 405, 743-4	50.4	62

110	Assimilation of Sea Surface Topography into an Ocean Circulation Model Using a Steady-State Smoother. <i>Journal of Physical Oceanography</i> , 1993 , 23, 1831-1855	2.4	62
109	The long-period tides. <i>Reviews of Geophysics</i> , 1967 , 5, 447	23.1	62
108	A Description of Local and Nonlocal Eddy-Mean Flow Interaction in a Global Eddy-Permitting State Estimate. <i>Journal of Physical Oceanography</i> , 2014 , 44, 2336-2352	2.4	60
107	Array measurements of the bottom boundary layer and the internal wave field on the continental slope. <i>Geophysical Fluid Dynamics</i> , 1972 , 4, 101-145		59
106	The decadal mean ocean circulation and Sverdrup balance. <i>Journal of Marine Research</i> , 2011 , 69, 417-434	4.5	56
105	Estimates from Altimeter Data of Barotropic Rossby Waves in the Northwestern Atlantic Ocean. <i>Journal of Physical Oceanography</i> , 1989 , 19, 1821-1844	2.4	56
104	Spectral Description of Low-Frequency Oceanic Variability. <i>Journal of Physical Oceanography</i> , 2001 , 31, 3073-3095	2.4	55
103	Estimated Global Hydrographic Variability. <i>Journal of Physical Oceanography</i> , 2007 , 37, 1997-2008	2.4	54
102	Efficient representation of the North Atlantic hydrographic and chemical distributions. <i>Progress in Oceanography</i> , 1991 , 27, 111-195	3.8	53
101	Geographical Variability of the Internal Wave Field: A Search for Sources and Sinks. <i>Journal of Physical Oceanography</i> , 1976 , 6, 471-485	2.4	52
100	The mean seasonal cycle in sea level estimated from a data-constrained general circulation model. <i>Journal of Geophysical Research</i> , 2008 , 113,		51
99	Timescales and regions of the sensitivity of Atlantic meridional volume and heat transport: Toward observing system design. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2011 , 58, 1858-1879	2.3	50
98	Global Ocean Integrals and Means, with Trend Implications. <i>Annual Review of Marine Science</i> , 2016 , 8, 1-33	15.4	48
97	Two Decades of the Atlantic Meridional Overturning Circulation: Anatomy, Variations, Extremes, Prediction, and Overcoming Its Limitations. <i>Journal of Climate</i> , 2013 , 26, 7167-7186	4.4	48
96	Greenland-Antarctic phase relations and millennial time-scale climate fluctuations in the Greenland ice-cores. <i>Quaternary Science Reviews</i> , 2003 , 22, 1631-1646	3.9	48
95	Transient tracers as a problem in control theory. <i>Journal of Geophysical Research</i> , 1988 , 93, 8099		48
94	Mass and volume transport variability in an eddy-filled ocean. <i>Nature Geoscience</i> , 2008 , 1, 165-168	18.3	47
93	The North Atlantic Circulation in the Early 1980s-An Estimate from Inversion of a Finite-Difference Model. <i>Journal of Physical Oceanography</i> , 1993 , 23, 898-924	2.4	46

92	Response of an Equatorial Ocean to a Periodic Monsoon. <i>Journal of Physical Oceanography</i> , 1977 , 7, 497-511	5.1	45
91	Spatial Mapping of Time-Variable Errors in Jason-1 and TOPEX/Poseidon Sea Surface Height Measurements. <i>Journal of Atmospheric and Oceanic Technology</i> , 2007 , 24, 1078-1085	2	44
90	The Observed Dispersion Relationship for North Pacific Rossby Wave Motions. <i>Journal of Physical Oceanography</i> , 1999 , 29, 2183-2190	2.4	43
89	The excitation of resonant triads by single internal waves. <i>Journal of Fluid Mechanics</i> , 1972 , 53, 17	3.7	43
88	Bidecadal Thermal Changes in the Abyssal Ocean. <i>Journal of Physical Oceanography</i> , 2014 , 44, 2013-2030	2.4	42
87	Towards understanding the Paleocean. <i>Quaternary Science Reviews</i> , 2010 , 29, 1960-1967	3.9	40
86	Combination of TOPEX/POSEIDON data with a hydrographic inversion for determination of the oceanic general circulation and its relation to geoid accuracy. <i>Geophysical Journal International</i> , 1997 , 128, 708-722	2.6	39
85	A Multidimensional Spectral Description of Ocean Variability. <i>Journal of Physical Oceanography</i> , 2014 , 44, 944-966	2.4	37
84	Improving ocean angular momentum estimates using a model constrained by data. <i>Geophysical Research Letters</i> , 2001 , 28, 1775-1778	4.9	37
83	Absolute measurement by satellite altimetry of dynamic topography of the Pacific Ocean. <i>Nature</i> , 1983 , 301, 408-410	50.4	36
82	On the Patterns of Wind-Power Input to the Ocean Circulation. <i>Journal of Physical Oceanography</i> , 2011 , 41, 2328-2342	2.4	35
81	Deep ocean internal waves: What do we really know?. <i>Journal of Geophysical Research</i> , 1975 , 80, 339-343		31
80	Vertical Redistribution of Oceanic Heat Content. <i>Journal of Climate</i> , 2015 , 28, 3821-3833	4.4	30
79	Toward a Midlatitude Ocean Frequency-Wavenumber Spectral Density and Trend Determination. <i>Journal of Physical Oceanography</i> , 2010 , 40, 2264-2281	2.4	30
78	Temporal Changes in Ocean Eddy Transports. <i>Journal of Physical Oceanography</i> , 2006 , 36, 543-550	2.4	30
77	Solution of Nonlinear Finite Difference Ocean Models by Optimization Methods with Sensitivity and Observational Strategy Analysis. <i>Journal of Physical Oceanography</i> , 1986 , 16, 1855-1874	2.4	30
76	An Estimate of Global Absolute Dynamic Topography. <i>Journal of Physical Oceanography</i> , 1984 , 14, 457-463	4	30
75	Can a Tracer Field Be Inverted for Velocity?. <i>Journal of Physical Oceanography</i> , 1985 , 15, 1521-1531	2.4	30

74	Decade-to-Century Changes in the Ocean Circulation. <i>Oceanography</i> , 1992 , 5, 99-106	2.3	30
73	The Global Zonally Integrated Ocean Circulation, 1992-2006: Seasonal and Decadal Variability. <i>Journal of Physical Oceanography</i> , 2009 , 39, 351-368	2.4	29
72	El Nino, La Nina, and the Southern Oscillation. S. George Philander. Academic Press, San Diego, CA, 1989. x, 293 pp., illus. \$59.50. International Geophysics Series, vol. 46. <i>Science</i> , 1990 , 248, 904-5	33.3	29
71	Global Ocean Vertical Velocity From a Dynamically Consistent Ocean State Estimate. <i>Journal of Geophysical Research: Oceans</i> , 2017 , 122, 8208-8224	3.3	28
70	Bottom Topography as a Control Variable in an Ocean Model. <i>Journal of Atmospheric and Oceanic Technology</i> , 2003 , 20, 1685-1696	2	28
69	Oceanic age and transient tracers: Analytical and numerical solutions. <i>Journal of Geophysical Research</i> , 2002 , 107, 1-1		28
68	On oceanic boundary mixing. <i>Deep Sea Research and Oceanographic Abstracts</i> , 1970 , 17, 293-301		28
67	Dynamics of the long-period tides. <i>Progress in Oceanography</i> , 1997 , 40, 81-108	3.8	27
66	Sampling Characteristics of Satellite Orbits. <i>Journal of Atmospheric and Oceanic Technology</i> , 1989 , 6, 891-907	2	26
65	On the mean drift in large lakes ¹ . <i>Limnology and Oceanography</i> , 1973 , 18, 793-794	4.8	26
64	Linearization of an Oceanic General Circulation Model for Data Assimilation and Climate Studies. <i>Journal of Atmospheric and Oceanic Technology</i> , 1997 , 14, 1420-1443	2	24
63	The hydrography of the North Atlantic in the early 1980s. An atlas. <i>Progress in Oceanography</i> , 1991 , 27, 1-110	3.8	24
62	Up-down resolution in ocean acoustic tomography. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1982 , 29, 1415-1436		24
61	Comments on Oceanographic Instrument Development. <i>Oceanography</i> , 1989 , 2, 26-26	2.3	23
60	Tidal Charts of the Central Pacific Ocean. <i>Journal of Physical Oceanography</i> , 1975 , 5, 222-230	2.4	22
59	Tidal charts of the Indian Ocean north of 15°S. <i>Journal of Geophysical Research</i> , 1977 , 82, 5993-5998		21
58	Paleophysical oceanography with an emphasis on transport rates. <i>Annual Review of Marine Science</i> , 2010 , 2, 1-34	15.4	20
57	The Moon, of Course. <i>Oceanography</i> , 1997 , 10, 132-134	2.3	20

56	Impact of Accurate Geoid Fields on Estimates of the Ocean Circulation. <i>Journal of Atmospheric and Oceanic Technology</i> , 2007 , 24, 1464-1478	2	20
55	A Dynamically Consistent, Multivariable Ocean Climatology. <i>Bulletin of the American Meteorological Society</i> , 2018 , 99, 2107-2128	6.1	19
54	Unsupervised Learning Reveals Geography of Global Ocean Dynamical Regions. <i>Earth and Space Science</i> , 2019 , 6, 784-794	3.1	18
53	The oceanic variability spectrum and transport trends. <i>Atmosphere - Ocean</i> , 2009 , 47, 281-291	1.5	18
52	Acoustic tomography by Hamiltonian methods including the adiabatic approximation. <i>Reviews of Geophysics</i> , 1987 , 25, 41	23.1	18
51	Bias in acoustic travel time through an ocean with adiabatic range-dependence. <i>Geophysical and Astrophysical Fluid Dynamics</i> , 1987 , 39, 1-24	1.4	18
50	Pore fluids and the LGM ocean salinity Reconsidered. <i>Quaternary Science Reviews</i> , 2016 , 135, 154-170	3.9	17
49	Baroclinic Motions and Energetics as Measured by Altimeters. <i>Journal of Atmospheric and Oceanic Technology</i> , 2013 , 30, 140-150	2	17
48	Climate change as an intergenerational problem. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 4435-6	11.5	17
47	Basin-scale ocean circulation from combined altimetric, tomographic and model data. <i>Nature</i> , 1997 , 385, 618-621	50.4	17
46	Dynamical Reconstruction of Upper-Ocean Conditions in the Last Glacial Maximum Atlantic. <i>Journal of Climate</i> , 2014 , 27, 807-823	4.4	16
45	The eddy radiation field of the Gulf Stream as measured by ocean acoustic tomography. <i>Geophysical Research Letters</i> , 1994 , 21, 181-184	4.9	16
44	Calibrating an Altimeter: How Many Tide Gauges Is Enough?. <i>Journal of Atmospheric and Oceanic Technology</i> , 1986 , 3, 746-754	2	16
43	Biases and caustics in long-range acoustic tomography. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1985 , 32, 1317-1346		16
42	. <i>Tellus</i> , 1972 , 24, 350-367		16
41	COMMENTARY Endowments and New Institutions for Long-Term Observation. <i>Oceanography</i> , 2007 , 20, 10-14	2.3	14
40	. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 1987 , 39B, 477-492	3.3	14
39	High Reynolds number flow past an equatorial island. <i>Journal of Fluid Mechanics</i> , 1973 , 58, 97	3.7	14

38	Change of the Global Ocean Vertical Heat Transport over 1993-2010. <i>Journal of Climate</i> , 2017 , 30, 5319-5327	4.4	13
37	A Global Glacial Ocean State Estimate Constrained by Upper-Ocean Temperature Proxies. <i>Journal of Climate</i> , 2018 , 31, 8059-8079	4.4	13
36	A Perpetually Running ENSO in the Pliocene?. <i>Journal of Climate</i> , 2009 , 22, 3506-3510	4.4	12
35	Preliminary results of internal wave measurements in the main thermocline at Bermuda. <i>Journal of Geophysical Research</i> , 1970 , 75, 5899-5908		12
34	Note on apparent systematic and periodic errors in Geosat orbits. <i>Geophysical Research Letters</i> , 1990 , 17, 1307-1310	4.9	11
33	An interim relative sea surface for the North Atlantic Ocean. <i>Marine Geodesy</i> , 1981 , 5, 103-119	1.2	11
32	Speculations on a schematic theory of the Younger Dryas. <i>Journal of Marine Research</i> , 2005 , 63, 315-333	1.5	11
31	Quantifying and Interpreting Striations in a Subtropical Gyre: A Spectral Perspective. <i>Journal of Physical Oceanography</i> , 2015 , 45, 387-406	2.4	10
30	Ocean observations and the climate forecast problem. <i>International Geophysics</i> , 2002 , 83, 233-245		10
29	Towards determining uncertainties in global oceanic mean values of heat, salt, and surface elevation. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2018 , 70, 1-14	2	9
28	On the Variability of Wind Power Input to the Oceans with a Focus on the Subpolar North Atlantic. <i>Journal of Climate</i> , 2013 , 26, 3892-3903	4.4	9
27	Temperature microstructure on the Bermuda slope with application to the mean flow. <i>Tellus</i> , 1972 , 24, 350-367		9
26	Tides of global ice-covered oceans. <i>Icarus</i> , 2016 , 274, 122-130	3.8	8
25	100 Years of the Ocean General Circulation. <i>Meteorological Monographs</i> , 2018 , 59, 7.1-7.32	5.7	8
24	Linear Predictability: A Sea Surface Height Case Study. <i>Journal of Climate</i> , 2018 , 31, 2599-2611	4.4	7
23	Covariances and linear predictability of the Atlantic Ocean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2013 , 85, 228-243	2.3	7
22	Inferring surface water equilibrium calcite $\delta^{18}O$ during the last deglacial period from benthic foraminiferal records: Implications for ocean circulation. <i>Paleoceanography</i> , 2015 , 30, 1470-1489		7
21	A Summary of North Atlantic Baroclinic Variability. <i>Journal of Physical Oceanography</i> , 1999 , 29, 3161-3166	6.4	7

20	Note on some Reynolds stress effects of internal waves on slopes. <i>Deep Sea Research and Oceanographic Abstracts</i> , 1971 , 18, 583-591		6
19	Is the Ocean Speeding Up? Ocean Surface Energy Trends. <i>Journal of Physical Oceanography</i> , 2020 , 50, 3205-3217	2.4	6
18	Last Glacial Maximum and deglacial abyssal seawater oxygen isotopic ratios. <i>Climate of the Past</i> , 2016 , 12, 1281-1296	3.9	6
17	The spectrum from two years to two minutes of temperature fluctuations in the main thermocline at Bermuda. <i>Deep Sea Research and Oceanographic Abstracts</i> , 1972 , 19, 577-593		5
16	On the propagation of internal waves up a slope. <i>Deep Sea Research and Oceanographic Abstracts</i> , 1968 , 15, 251-258		5
15	Using transient tracers: the regularization problem. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 1987 , 39, 477-492	3.3	5
14	Towards the World Ocean Circulation Experiment and a Bit of Aftermath 2006 , 181-201		5
13	Comments on "Wind stress forcing of the North Sea Pole Tide" by W. P. O'Connor, B. F. Chao, D. Zheng and A. Y. Au. <i>Geophysical Journal International</i> , 2001 , 146, 264-265	2.6	3
12	Reply [to "Comment on "On sharp spectral lines in the climate record and the millennial peak" by Carl Wunsch]] <i>Paleoceanography</i> , 2001 , 16, 548-548		3
11	Variability of the Indo-Pacific Ocean exchanges. <i>Dynamics of Atmospheres and Oceans</i> , 2010 , 50, 157-173	1.9	2
10	Henry Melson Stommel. 27 September 1920–17 January 1992. <i>Biographical Memoirs of Fellows of the Royal Society</i> , 1997 , 43, 493-502	0.1	2
9	Response to J.P. Severinghaus et al.. <i>Quaternary Science Reviews</i> , 2004 , 23, 2054-2055	3.9	2
8	A moored temperature and pressure recorder. <i>Deep Sea Research and Oceanographic Abstracts</i> , 1974 , 21, 145-154		2
7	Multi-year ocean thermal variability. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2020 , 72, 1-15	2	2
6	Advance in global ocean acoustics. <i>Science</i> , 2020 , 369, 1433-1434	33.3	2
5	Right Place, Right Time: An Informal Memoir. <i>Annual Review of Marine Science</i> , 2021 , 13, 1-21	15.4	2
4	M2 tidal currents in the western North Atlantic. <i>Deep Sea Research and Oceanographic Abstracts</i> , 1973 , 20, 493-IN2		1
3	Walter Heinrich Munk. 19 October 1917–8 February 2019. <i>Biographical Memoirs of Fellows of the Royal Society</i> , 2020 , 69, 393-424	0.1	1

- 2 The Ocean Tides: Tides . D. H. Macmillan. Elsevier, New York, 1966. 240 pp., illus. \$9.50.. *Science*, **1967**, 155, 61-61 33:3
- 1 The Ocean Tides: Tides . D. H. Macmillan. Elsevier, New York, 1966. 240 pp., illus. \$9.50.. *Science*, **1967**, 155, 61-61 33:3