

Lynne D Talley

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.

154
papers

11,244
citations

56
h-index

104
g-index

170
ext. papers

12,975
ext. citations

5.1
avg, IF

6.63
L-index

#	Paper	IF	Citations
154	GO-SHIP Easy Ocean: Gridded ship-based hydrographic section of temperature, salinity, and dissolved oxygen.. <i>Scientific Data</i> , 2022 , 9, 103	8.2	3
153	Variability in the meridional overturning circulation at 32°S in the Pacific Ocean diagnosed by inverse box models. <i>Progress in Oceanography</i> , 2022 , 203, 102780	3.8	
152	Controls on the Boundary Between Thermally and Non-Thermally Driven p CO ₂ Regimes in the South Pacific. <i>Geophysical Research Letters</i> , 2022 , 49,	4.9	0
151	Ocean warming and accelerating Southern Ocean zonal flow. <i>Nature Climate Change</i> , 2021 , 11, 1090-1097	11.4	7
150	High spatial resolution global ocean metagenomes from Bio-GO-SHIP repeat hydrography transects. <i>Scientific Data</i> , 2021 , 8, 107	8.2	5
149	Oxygen Seasonality, Utilization Rate, and Impacts of Vertical Mixing in the Eighteen Degree Water Region of the Sargasso Sea as Observed by Profiling Biogeochemical Floats. <i>Global Biogeochemical Cycles</i> , 2021 , 35, e2020GB006824	5.9	3
148	Spatial and Temporal Variability of Diapycnal Mixing in the Indian Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2021 , 126, e2021JC017257	3.3	2
147	Abyssal Heat Budget in the Southwest Pacific Basin. <i>Journal of Physical Oceanography</i> , 2021 ,	2.4	1
146	Weddell Sea Phytoplankton Blooms Modulated by Sea Ice Variability and Polynya Formation. <i>Geophysical Research Letters</i> , 2020 , 47, e2020GL087954	4.9	6
145	Effects of Buoyancy and Wind Forcing on Southern Ocean Climate Change. <i>Journal of Climate</i> , 2020 , 33, 10003-10020	4.4	11
144	Representation of Southern Ocean Properties across Coupled Model Intercomparison Project Generations: CMIP3 to CMIP6. <i>Journal of Climate</i> , 2020 , 33, 6555-6581	4.4	21
143	Supercooled Southern Ocean Waters. <i>Geophysical Research Letters</i> , 2020 , 47, e2020GL090242	4.9	7
142	Water Mass and Biogeochemical Variability in the Kerguelen Sector of the Southern Ocean: A Machine Learning Approach for a Mixing Hot Spot. <i>Journal of Geophysical Research: Oceans</i> , 2020 , 125, e2019JC015877	3.3	6
141	Antarctic offshore polynyas linked to Southern Hemisphere climate anomalies. <i>Nature</i> , 2019 , 570, 319-325	35.4	45
140	100 Years of Progress in Ocean Observing Systems. <i>Meteorological Monographs</i> , 2019 , 59, 3.1-3.46	5.7	6
139	Pacific Anthropogenic Carbon Between 1991 and 2017. <i>Global Biogeochemical Cycles</i> , 2019 , 33, 597-617	5.9	14
138	Physical Drivers of Phytoplankton Bloom Initiation in the Southern Ocean & Scotia Sea. <i>Journal of Geophysical Research: Oceans</i> , 2019 , 124, 5811-5826	3.3	9

137	On the Future of Argo: A Global, Full-Depth, Multi-Disciplinary Array. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	116
136	The upper, deep, abyssal and overturning circulation in the Atlantic Ocean at 30°S in 2003 and 2011. <i>Progress in Oceanography</i> , 2019 , 176, 102136	3.8	12
135	The Global Ocean Ship-Based Hydrographic Investigations Program (GO-SHIP): A Platform for Integrated Multidisciplinary Ocean Science. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	27
134	Sustained Antarctic Research: A 21st Century Imperative. <i>One Earth</i> , 2019 , 1, 95-113	8.1	35
133	A Deep Eastern Boundary Current Carrying Indian Deep Water South of Australia. <i>Journal of Geophysical Research: Oceans</i> , 2019 , 124, 2218-2238	3.3	6
132	Unabated Bottom Water Warming and Freshening in the South Pacific Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2019 , 124, 1778-1794	3.3	22
131	Southern Ocean Biogeochemical Float Deployment Strategy, With Example From the Greenwich Meridian Line (GO-SHIP A12). <i>Journal of Geophysical Research: Oceans</i> , 2019 , 124, 403-431	3.3	13
130	Oxygen Pathways and Budget for the Eastern South Pacific Oxygen Minimum Zone. <i>Journal of Geophysical Research: Oceans</i> , 2018 , 123, 1722-1744	3.3	10
129	Transformation of Deep Water Masses Along Lagrangian Upwelling Pathways in the Southern Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2018 , 123, 1994-2017	3.3	19
128	Metrics for the Evaluation of the Southern Ocean in Coupled Climate Models and Earth System Models. <i>Journal of Geophysical Research: Oceans</i> , 2018 , 123, 3120-3143	3.3	19
127	Physical and Biological Drivers of Biogeochemical Tracers Within the Seasonal Sea Ice Zone of the Southern Ocean From Profiling Floats. <i>Journal of Geophysical Research: Oceans</i> , 2018 , 123, 746-758	3.3	15
126	Evolving Relative Importance of the Southern Ocean and North Atlantic in Anthropogenic Ocean Heat Uptake. <i>Journal of Climate</i> , 2018 , 31, 7459-7479	4.4	40
125	Autonomous Biogeochemical Floats Detect Significant Carbon Dioxide Outgassing in the High-Latitude Southern Ocean. <i>Geophysical Research Letters</i> , 2018 , 45, 9049-9057	4.9	76
124	Process-Specific Contributions to Anomalous Java Mixed Layer Cooling During Positive IOD Events. <i>Journal of Geophysical Research: Oceans</i> , 2018 , 123, 4153-4176	3.3	14
123	Seasonal Cycle and Annual Reversal of the Somali Current in an Eddy-Resolving Global Ocean Model. <i>Journal of Geophysical Research: Oceans</i> , 2018 , 123, 6562-6580	3.3	10
122	Observing the Ice-Covered Weddell Gyre With Profiling Floats: Position Uncertainties and Correlation Statistics. <i>Journal of Geophysical Research: Oceans</i> , 2018 , 123, 8383-8410	3.3	11
121	Large-scale impacts of the mesoscale environment on mixing from wind-driven internal waves. <i>Nature Geoscience</i> , 2018 , 11, 842-847	18.3	44
120	Episodic Southern Ocean Heat Loss and Its Mixed Layer Impacts Revealed by the Farthest South Multiyear Surface Flux Mooring. <i>Geophysical Research Letters</i> , 2018 , 45, 5002-5010	4.9	17

119	Two decades of Pacific anthropogenic carbon storage and ocean acidification along Global Ocean Ship-based Hydrographic Investigations Program sections P16 and P02. <i>Global Biogeochemical Cycles</i> , 2017 , 31, 306	5.9	23
118	Calculating surface ocean pCO ₂ from biogeochemical Argo floats equipped with pH: An uncertainty analysis. <i>Global Biogeochemical Cycles</i> , 2017 , 31, 591-604	5.9	67
117	An Argo mixed layer climatology and database. <i>Geophysical Research Letters</i> , 2017 , 44, 5618-5626	4.9	134
116	Crossing the line: Tunas actively exploit submesoscale fronts to enhance foraging success. <i>Limnology and Oceanography Letters</i> , 2017 , 2, 187-194	7.9	13
115	Northern Arabian Sea Circulation-Autonomous Research (NASCar): A Research Initiative Based on Autonomous Sensors. <i>Oceanography</i> , 2017 , 30, 74-87	2.3	15
114	Spiraling pathways of global deep waters to the surface of the Southern Ocean. <i>Nature Communications</i> , 2017 , 8, 172	17.4	86
113	Biogeochemical sensor performance in the SOCCOM profiling float array. <i>Journal of Geophysical Research: Oceans</i> , 2017 , 122, 6416-6436	3.3	120
112	Space and time variability of the Southern Ocean carbon budget. <i>Journal of Geophysical Research: Oceans</i> , 2017 , 122, 7407-7432	3.3	12
111	Revisiting Ocean Color algorithms for chlorophyll a and particulate organic carbon in the Southern Ocean using biogeochemical floats. <i>Journal of Geophysical Research: Oceans</i> , 2017 , 122, 6583-6593	3.3	55
110	Annual nitrate drawdown observed by SOCCOM profiling floats and the relationship to annual net community production. <i>Journal of Geophysical Research: Oceans</i> , 2017 , 122, 6668-6683	3.3	27
109	2.Oceanography 2017 , 19-33		2
108	Changes in Ocean Heat, Carbon Content, and Ventilation: A Review of the First Decade of GO-SHIP Global Repeat Hydrography. <i>Annual Review of Marine Science</i> , 2016 , 8, 185-215	15.4	118
107	Annual cycle and destruction of Eighteen Degree Water. <i>Journal of Geophysical Research: Oceans</i> , 2016 , 121, 6604-6617	3.3	6
106	Zonal Variations in the Southern Ocean Heat Budget. <i>Journal of Climate</i> , 2016 , 29, 6563-6579	4.4	31
105	Anomalous Java cooling at the initiation of positive Indian Ocean Dipole events. <i>Journal of Geophysical Research: Oceans</i> , 2016 , 121, 5805-5824	3.3	29
104	Empirical algorithms to estimate water column pH in the Southern Ocean. <i>Geophysical Research Letters</i> , 2016 , 43, 3415-3422	4.9	32
103	Water-mass transformation by sea ice in the upper branch of the Southern Ocean overturning. <i>Nature Geoscience</i> , 2016 , 9, 596-601	18.3	132
102	Meridional overturning transports at 30°S in the Indian and Pacific Oceans in 2002-2003 and 2009. <i>Progress in Oceanography</i> , 2016 , 146, 89-120	3.8	24

101	Estimating the Mean Diapycnal Mixing Using a Finescale Strain Parameterization. <i>Journal of Physical Oceanography</i> , 2015 , 45, 1174-1188	2.4	59
100	Quantifying anthropogenic carbon inventory changes in the Pacific sector of the Southern Ocean. <i>Marine Chemistry</i> , 2015 , 174, 147-160	3.7	28
99	Effects of Eddy Vorticity Forcing on the Mean State of the Kuroshio Extension. <i>Journal of Physical Oceanography</i> , 2015 , 45, 1356-1375	2.4	22
98	Global Patterns of Diapycnal Mixing from Measurements of the Turbulent Dissipation Rate. <i>Journal of Physical Oceanography</i> , 2014 , 44, 1854-1872	2.4	280
97	Mixing and remineralization in waters detrained from the surface into Subantarctic Mode Water and Antarctic Intermediate Water in the southeastern Pacific. <i>Journal of Geophysical Research: Oceans</i> , 2014 , 119, 4001-4028	3.3	13
96	Atlases Give Global Snapshot of Oceans in the 1990s. <i>Eos</i> , 2014 , 95, 101-102	1.5	
95	Synoptic observation of Central Mode Water in its formation region in spring 2003. <i>Journal of Oceanography</i> , 2014 , 70, 521-534	1.9	10
94	Subantarctic mode water in the southeast Pacific: Effect of exchange across the Subantarctic Front. <i>Journal of Geophysical Research: Oceans</i> , 2013 , 118, 2052-2066	3.3	14
93	Securing ocean benefits for society in the face of climate change. <i>Marine Policy</i> , 2013 , 40, 154-159	3.5	76
92	Subantarctic Mode Water Formation, Destruction, and Export in the Eddy-Permitting Southern Ocean State Estimate. <i>Journal of Physical Oceanography</i> , 2013 , 43, 1485-1511	2.4	58
91	High-Latitude Ocean and Sea Ice Surface Fluxes: Challenges for Climate Research. <i>Bulletin of the American Meteorological Society</i> , 2013 , 94, 403-423	6.1	113
90	Near cessation of Eighteen Degree Water renewal in the western North Atlantic in the warm winter of 2011-2012. <i>Journal of Geophysical Research: Oceans</i> , 2013 , 118, 6838-6853	3.3	12
89	Closure of the Global Overturning Circulation Through the Indian, Pacific, and Southern Oceans: Schematics and Transports. <i>Oceanography</i> , 2013 , 26, 80-97	2.3	374
88	Climate change impacts on marine ecosystems. <i>Annual Review of Marine Science</i> , 2012 , 4, 11-37	15.4	1548
87	The role of air-sea fluxes in Subantarctic Mode Water formation. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		34
86	Spatial and temporal variability of global ocean mixing inferred from Argo profiles. <i>Geophysical Research Letters</i> , 2012 , 39,	4.9	174
85	Formation rates of Subantarctic mode water and Antarctic intermediate water within the South Pacific. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2011 , 58, 524-534	2.5	85
84	Ocean deoxygenation: Past, present, and future. <i>Eos</i> , 2011 , 92, 409-410	1.5	58

83	Pacific Ocean 2011 , 1-31		1
82	Southern Ocean: Supplementary Materials 2011 , 1-4		
81	Atlantic Ocean: Supplementary Materials 2011 , 1-43		
80	Indian Ocean: Supplementary Materials 2011 , 1-14		
79	Dynamical Processes for Descriptive Ocean Circulation 2011 , 1-72		10
78	Global Circulation and Water Properties: Supplementary Materials 2011 , 1-9		0
77	Introduction to Descriptive Physical Oceanography 2011 , 1-6		210
76	A Comparison of Southern Ocean Air-Sea Buoyancy Flux from an Ocean State Estimate with Five Other Products. <i>Journal of Climate</i> , 2011 , 24, 6283-6306	4-4	52
75	Dynamical Processes for Descriptive Ocean Circulation 2011 , 187-221		8
74	Gravity Waves, Tides, and Coastal Oceanography 2011 , 1-31		1
73	Climate and the Oceans 2011 , 1-36		1
72	Nonlinear vorticity balance of the Subantarctic Front in the southeast Pacific. <i>Journal of Geophysical Research</i> , 2010 , 115,		9
71	Antarctic Intermediate Water and Subantarctic Mode Water Formation in the Southeast Pacific: The Role of Turbulent Mixing. <i>Journal of Physical Oceanography</i> , 2010 , 40, 1558-1574	2.4	67
70	A New Algorithm for Finding Mixed Layer Depths with Applications to Argo Data and Subantarctic Mode Water Formation*. <i>Journal of Atmospheric and Oceanic Technology</i> , 2009 , 26, 1920-1939	2	175
69	Freshwater transport estimates and the global overturning circulation: Shallow, deep and throughflow components. <i>Progress in Oceanography</i> , 2008 , 78, 257-303	3.8	206
68	Southern Ocean mixed-layer depth from Argo float profiles. <i>Journal of Geophysical Research</i> , 2008 , 113,		231
67	Subpolar Mode Water in the northeastern Atlantic: 1. Averaged properties and mean circulation. <i>Journal of Geophysical Research</i> , 2008 , 113,		46
66	Subpolar Mode Water in the northeastern Atlantic: 2. Origin and transformation. <i>Journal of Geophysical Research</i> , 2008 , 113,		30

65	The influence of geochemical processes in the near-bottom layer on the hydrochemical characteristics of the waters of the Sea of Japan. <i>Oceanology</i> , 2007 , 47, 350-359	0.7	9
64	Temporal variability of winter mixed layer in the mid-to high-latitude North Pacific. <i>Journal of Oceanography</i> , 2007 , 63, 293-307	1.9	85
63	Hydrography of the eastern tropical Pacific: A review. <i>Progress in Oceanography</i> , 2006 , 69, 143-180	3.8	435
62	Large accumulation of anthropogenic CO ₂ in the East (Japan) Sea and its significant impact on carbonate chemistry. <i>Global Biogeochemical Cycles</i> , 2006 , 20, n/a-n/a	5.9	36
61	Surface drifter exchange between the North Atlantic subtropical and subpolar gyres. <i>Journal of Geophysical Research</i> , 2006 , 111,		59
60	Japan/East Sea Water Masses and Their Relation to the Sea's Circulation. <i>Oceanography</i> , 2006 , 19, 32-49	2.3	101
59	Deep expression of the Indonesian Throughflow: Indonesian Intermediate Water in the South Equatorial Current. <i>Journal of Geophysical Research</i> , 2005 , 110,		56
58	Repeat hydrography cruises reveal chemical changes in the North Atlantic. <i>Eos</i> , 2005 , 86, 399	1.5	5
57	Correction [to Repeat hydrography cruises reveal chemical changes in the North Atlantic]. <i>Eos</i> , 2005 , 86, 417	1.5	
56	Ice-Draft Profiling from Bottom-Mounted ADCP Data. <i>Journal of Atmospheric and Oceanic Technology</i> , 2005 , 22, 1249-1266	2	16
55	Atlas of Japan (East) Sea hydrographic properties in summer, 1999. <i>Progress in Oceanography</i> , 2004 , 61, 277-348	3.8	61
54	Transport and modification processes of dense shelf water revealed by long-term moorings off Sakhalin in the Sea of Okhotsk. <i>Journal of Geophysical Research</i> , 2004 , 109,		47
53	Dense water formation on the northwestern shelf of the Okhotsk Sea: 1. Direct observations of brine rejection. <i>Journal of Geophysical Research</i> , 2004 , 109,		21
52	Dense water formation on the northwestern shelf of the Okhotsk Sea: 2. Quantifying the transports. <i>Journal of Geophysical Research</i> , 2004 , 109,		12
51	The North Atlantic Oscillation, Surface Current Velocities, and SST Changes in the Subpolar North Atlantic. <i>Journal of Climate</i> , 2003 , 16, 2355-2369	4.4	125
50	Near-Surface Frontal Zone Trapping and Deep Upward Propagation of Internal Wave Energy in the Japan/East Sea. <i>Journal of Physical Oceanography</i> , 2003 , 33, 900-912	2.4	37
49	Distribution, formation, and seasonal variability of Okhotsk Sea Mode Water. <i>Journal of Geophysical Research</i> , 2003 , 108,		48
48	Deep convection and brine rejection in the Japan Sea. <i>Geophysical Research Letters</i> , 2003 , 30,	4.9	108

47	Cabbeling and the density of the North Pacific Intermediate Water quantified by an inverse method. <i>Journal of Geophysical Research</i> , 2003 , 108,		11
46	Data-Based Meridional Overturning Streamfunctions for the Global Ocean. <i>Journal of Climate</i> , 2003 , 16, 3213-3226	4.4	282
45	Shallow, Intermediate, and Deep Overturning Components of the Global Heat Budget. <i>Journal of Physical Oceanography</i> , 2003 , 33, 530-560	2.4	259
44	Direct observations of North Pacific ventilation: brine rejection in the Okhotsk Sea. <i>Science</i> , 2003 , 302, 1952-5	33.3	145
43	Japan/East Sea Intrathermocline Eddies. <i>Journal of Physical Oceanography</i> , 2002 , 32, 1960-1974	2.4	65
42	The Role of Cabbeling and Double Diffusion in Setting the Density of the North Pacific Intermediate Water Salinity Minimum. <i>Journal of Physical Oceanography</i> , 2001 , 31, 1538-1549	2.4	51
41	Interannual Variability in the Gulf of Alaska during the 1991-94 El Niño. <i>Journal of Climate</i> , 2000 , 13, 1664-1673	4.4	2
40	Seasonal to interannual variability from expendable bathythermograph and TOPEX/Poseidon altimeter data in the South Pacific subtropical gyre. <i>Journal of Geophysical Research</i> , 2000 , 105, 19535-19550		18
39	Three-dimensional isoneutral potential vorticity structure in the Indian Ocean. <i>Journal of Geophysical Research</i> , 1999 , 104, 13251-13267		34
38	Some aspects of ocean heat transport by the shallow, intermediate and deep overturning Circulations. <i>Geophysical Monograph Series</i> , 1999 , 1-22	1.1	66
37	A Pacific hydrographic section at 88°W: Water-property distribution. <i>Journal of Geophysical Research</i> , 1998 , 103, 12899-12918		108
36	Heat and Buoyancy Budgets and Mixing Rates in the Upper Thermocline of the Indian and Global Oceans. <i>Journal of Physical Oceanography</i> , 1998 , 28, 1961-1978	2.4	30
35	North Pacific Intermediate Water Transports in the Mixed Water Region. <i>Journal of Physical Oceanography</i> , 1997 , 27, 1795-1803	2.4	82
34	Deep tracer and dynamical plumes in the tropical Pacific Ocean. <i>Journal of Geophysical Research</i> , 1997 , 102, 24953-24964		15
33	Advection and diffusion of Indonesian Throughflow Water within the Indian Ocean South Equatorial Current. <i>Geophysical Research Letters</i> , 1997 , 24, 2573-2576	4.9	73
32	Deep upwelling and diffusivity in the southern central Indian Basin. <i>Geophysical Research Letters</i> , 1997 , 24, 2801-2804	4.9	13
31	Preliminary results from WOCE hydrographic sections at 80°E and 32°S in the central Indian Ocean. <i>Geophysical Research Letters</i> , 1997 , 24, 2789-2792	4.9	26
30	Antarctic Intermediate Water in the South Atlantic 1996 , 219-238		95

29	The subarctic frontal zone in the North Pacific: Characteristics of frontal structure from climatological data and synoptic surveys. <i>Journal of Geophysical Research</i> , 1996 , 101, 16491-16508		75
28	Water-property distributions along an eastern Pacific hydrographic section at 135W. <i>Journal of Marine Research</i> , 1996 , 54, 541-564	1.5	77
27	North Atlantic circulation and variability, reviewed for the CNLS conference. <i>Physica D: Nonlinear Phenomena</i> , 1996 , 98, 625-646	3.3	53
26	Antarctic Intermediate Water circulation in the tropical and subtropical South Atlantic. <i>Journal of Geophysical Research</i> , 1995 , 100, 13441		53
25	Some advances in understanding of the general circulation of the Pacific Ocean, with emphasis on recent U.S. contributions. <i>Reviews of Geophysics</i> , 1995 , 33, 1335-1352	23.1	6
24	North Pacific Intermediate Water in the Kuroshio/Oyashio Mixed Water Region. <i>Journal of Physical Oceanography</i> , 1995 , 25, 475-501	2.4	146
23	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	1.5	141
22	Deep, zonal subequatorial currents. <i>Science</i> , 1994 , 263, 1125-8	33.3	43
21	Distribution and Formation of North Pacific Intermediate Water. <i>Journal of Physical Oceanography</i> , 1993 , 23, 517-537	2.4	441
20	Shallow Salinity Minima in the North Pacific. <i>Journal of Physical Oceanography</i> , 1992 , 22, 1302-1316	2.4	69
19	An eastern Atlantic section from Iceland southward across the equator. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1992 , 39, 1885-1917		120
18	The double silica maximum in the North Pacific. <i>Journal of Geophysical Research</i> , 1992 , 97, 5465		61
17	Transpacific sections at 47°N and 152°W: distribution of properties. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1991 , 38, S63-S82		47
16	A tribute to Joseph L. Reid in recognition of 40 years of contributions to oceanography. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1991 , 38, vi-xi		7
15	An Okhotsk Sea water anomaly: implications for ventilation in the North Pacific. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1991 , 38, S171-S190		300
14	Estimates of Kuroshio transport using an inverse technique. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1991 , 38, S21-S43		24
13	Generalizations of Arakawa's Jacobian. <i>Journal of Computational Physics</i> , 1989 , 83, 247-259	4.1	37
12	Potential Vorticity Distribution in the North Pacific. <i>Journal of Physical Oceanography</i> , 1988 , 18, 89-106	2.4	146

11	Estimates of Time and Space Scales at 300 Meters in the Midlatitude North Pacific from the TRANSPAC XBT Program. <i>Journal of Physical Oceanography</i> , 1987 , 17, 2168-2188	2.4	7
10	Spatial Fluctuations North of the Hawaiian Ridge. <i>Journal of Physical Oceanography</i> , 1986 , 16, 981-984	2.4	15
9	The geothermal heating of the abyssal subarctic Pacific Ocean. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1986 , 33, 1003-1015		61
8	Ventilation of the Subtropical North Pacific: The Shallow Salinity Minimum. <i>Journal of Physical Oceanography</i> , 1985 , 15, 633-649	2.4	74
7	Meridional Heat Transport in the Pacific Ocean. <i>Journal of Physical Oceanography</i> , 1984 , 14, 231-241	2.4	116
6	Warm-to-Cold Water Conversion in the Northern North Atlantic Ocean. <i>Journal of Physical Oceanography</i> , 1984 , 14, 922-935	2.4	158
5	Radiating Instabilities of Thin Baroclinic Jets. <i>Journal of Physical Oceanography</i> , 1983 , 13, 2161-2181	2.4	21
4	Radiating Barotropic Instability. <i>Journal of Physical Oceanography</i> , 1983 , 13, 972-987	2.4	27
3	Distribution and Circulation of Labrador Sea Water. <i>Journal of Physical Oceanography</i> , 1982 , 12, 1189-1205		394
2	The Subpolar Mode Water of the North Atlantic Ocean. <i>Journal of Physical Oceanography</i> , 1982 , 12, 1169-1188		303
1	High spatial resolution global ocean metagenomes from Bio-GO-SHIP repeat hydrography transects		1