

Arnold L Gordon

List of Publications by Year in descending order

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224
papers

17,048
citations

11651

70
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18130

120
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230
all docs

230
docs citations

230
times ranked

8381
citing authors

#	ARTICLE	IF	CITATIONS
1	Freshwater transport by eddies within the Bay of Bengal's central axis. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2022, 185, 103770.	1.4	4
2	Drivers of Coral Reconstructed Salinity in the South China Sea and Maritime Continent: The Influence of the 1976 Indo-Pacific Climate Shift. <i>Journal of Geophysical Research: Oceans</i> , 2022, 127, .	2.6	2
3	The role of tides in bottom water export from the western Ross Sea. <i>Scientific Reports</i> , 2021, 11, 2246.	3.3	17
4	A Strong Subarctic Thermocline Intrusion of the North Equatorial Subsurface Current Into the Makassar Strait in 2016-2017. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL092505.	4.0	6
5	A reduction in the sea surface warming rate in the South China Sea during 1999-2010. <i>Climate Dynamics</i> , 2021, 57, 2093-2108.	3.8	2
6	Salinity response to atmospheric forcing of the Terra Nova Bay polynya, Antarctica. <i>Antarctic Science</i> , 2021, 33, 318-331.	0.9	3
7	Pacific North Equatorial Current bifurcation latitude and Kuroshio Current shifts since the Last Glacial Maximum inferred from a Sulu Sea thermocline reconstruction. <i>Quaternary Science Reviews</i> , 2021, 264, 106999.	3.0	9
8	Upper layer thermohaline structure of the Bay of Bengal during the 2013 northeast monsoon. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2020, 172, 104630.	1.4	12
9	Introduction to "Atmosphere-Ocean Dynamics of Bay of Bengal"-Volume 2. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2020, 172, 104724.	1.4	3
10	Unprecedented reduction and quick recovery of the South Indian Ocean heat content and sea level in 2014-2018. <i>Science Advances</i> , 2020, 6, .	10.3	33
11	Freshwater budget in the Persian (Arabian) Gulf and exchanges at the Strait of Hormuz. <i>PLoS ONE</i> , 2020, 15, e0233090.	2.5	18
12	Interannual to Decadal Response of the Indonesian Throughflow Vertical Profile to Indo-Pacific Forcing. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087679.	4.0	17
13	Interannual Variability of the Outflow of Weddell Sea Bottom Water. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087014.	4.0	15
14	Impacts of brine disposal from water desalination plants on the physical environment in the Persian/Arabian Gulf. <i>Environmental Research Communications</i> , 2020, 2, 125003.	2.3	10
15	The Extreme El Niño Events Suppressing the Intraseasonal Variability in the Eastern Tropical Indian Ocean. <i>Journal of Physical Oceanography</i> , 2020, 50, 2359-2372.	1.7	13
16	Variability of the South Pacific Subtropical Surface Salinity Maximum. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 6050-6066.	2.6	5
17	Unprecedented Response of Indonesian Throughflow to Anomalous Indo-Pacific Climatic Forcing in 2016. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 3737-3754.	2.6	37
18	Exploring the Importance of the Mindoro-Sibutu Pathway to the Upper-Layer Circulation of the South China Sea and the Indonesian Throughflow. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 5054-5066.	2.6	16

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19	Introduction to "Atmosphere-Ocean Dynamics of Bay of Bengal" volume 1. Deep-Sea Research Part II: Topical Studies in Oceanography, 2019, 168, 104670.	1.4	3
20	Stabilization of dense Antarctic water supply to the Atlantic Ocean overturning circulation. Nature Climate Change, 2019, 9, 742-746.	18.8	35
21	Freshwater export pathways from the Bay of Bengal. Deep-Sea Research Part II: Topical Studies in Oceanography, 2019, 168, 104645.	1.4	29
22	The Madden-Julian Oscillation's Impact on the Makassar Strait Surface Layer Transport. Journal of Geophysical Research: Oceans, 2019, 124, 3538-3550.	2.6	9
23	Open-ocean polynyas and deep convection in the Southern Ocean. Scientific Reports, 2019, 9, 6935.	3.3	34
24	Maritime Continent water cycle regulates low-latitude chokepoint of global ocean circulation. Nature Communications, 2019, 10, 2103.	12.8	36
25	Makassar Strait Throughflow Seasonal and Interannual Variability: An Overview. Journal of Geophysical Research: Oceans, 2019, 124, 3724-3736.	2.6	64
26	Detecting Change in the Indonesian Seas. Frontiers in Marine Science, 2019, 6, .	2.5	61
27	Seasonal and Interannual Variability of the Subsurface Velocity Profile of the Indonesian Throughflow at Makassar Strait. Journal of Geophysical Research: Oceans, 2019, 124, 9644-9657.	2.6	9
28	Bottom Water Formation. , 2019, , 120-126.		6
29	Multi-decadal timeseries of the Indonesian throughflow. Dynamics of Atmospheres and Oceans, 2018, 81, 84-95.	1.8	29
30	Salinity Trends within the Upper Layers of the Subpolar North Atlantic. Journal of Climate, 2018, 31, 2675-2698.	3.2	32
31	A Synoptic View of the Ventilation and Circulation of Antarctic Bottom Water from Chlorofluorocarbons and Natural Tracers. Annual Review of Marine Science, 2018, 10, 503-527.	11.6	36
32	The Role of Oscillating Southern Hemisphere Westerly Winds: Southern Ocean Coastal and Open-Ocean Polynyas. Journal of Climate, 2018, 31, 1053-1073.	3.2	11
33	Variability in Coral-Reconstructed Sea Surface Salinity Between the Northern and Southern Lombok Strait Linked to East Asian Winter Monsoon Mean State Reversals. Paleoceanography and Paleoclimatology, 2018, 33, 1116-1133.	2.9	14
34	SPCZ zonal events and downstream influence on surface ocean conditions in the Indonesian Throughflow region. Geophysical Research Letters, 2017, 44, 293-303.	4.0	12
35	Wind-driven ocean dynamics impact on the contrasting sea-ice trends around West Antarctica. Journal of Geophysical Research: Oceans, 2017, 122, 4413-4430.	2.6	19
36	Lateral Eddy Mixing in the Subtropical Salinity Maxima of the Global Ocean. Journal of Physical Oceanography, 2017, 47, 737-754.	1.7	16

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37	An Intrathermocline Eddy and a tropical cyclone in the Bay of Bengal. <i>Scientific Reports</i> , 2017, 7, 46218.	3.3	43
38	Climatic Influences on Southern Makassar Strait Salinity Over the Past Century. <i>Geophysical Research Letters</i> , 2017, 44, 11,967.	4.0	15
39	From pole to pole: 33 years of physical oceanography onboard R/V <i>Polarstern</i> . <i>Earth System Science Data</i> , 2017, 9, 211-220.	9.9	13
40	Opposite Variability of Indonesian Throughflow and South China Sea Throughflow in the Sulawesi Sea. <i>Journal of Physical Oceanography</i> , 2016, 46, 3165-3180.	1.7	41
41	The marine hydrological cycle: The ocean's floods and droughts. <i>Geophysical Research Letters</i> , 2016, 43, 7649-7652.	4.0	13
42	ASIRI: An Ocean-Atmosphere Initiative for Bay of Bengal. <i>Bulletin of the American Meteorological Society</i> , 2016, 97, 1859-1884.	3.3	69
43	Multiscale influences on extreme winter rainfall in the Philippines. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 3292-3309.	3.3	37
44	Replicating the 1970s' Weddell Polynya using a coupled ocean-sea ice model with reanalysis surface flux fields. <i>Geophysical Research Letters</i> , 2015, 42, 5411-5418.	4.0	33
45	Bottom water export from the western Ross Sea, 2007 through 2010. <i>Geophysical Research Letters</i> , 2015, 42, 5387-5394.	4.0	36
46	Differences Among Subtropical Surface Salinity Patterns. <i>Oceanography</i> , 2015, 28, 32-39.	1.0	36
47	Pacific origin of the abrupt increase in Indian Ocean heat content during the warming hiatus. <i>Nature Geoscience</i> , 2015, 8, 445-449.	12.9	327
48	Pacific western boundary currents and their roles in climate. <i>Nature</i> , 2015, 522, 299-308.	27.8	474
49	Intraseasonal Sea Surface Temperature Variability across the Indonesian Seas*. <i>Journal of Climate</i> , 2015, 28, 8710-8727.	3.2	23
50	Ocean eddy freshwater flux convergence into the North Atlantic subtropics. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 3327-3335.	2.6	32
51	The North Atlantic subtropical surface salinity maximum as observed by Aquarius. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 7741-7755.	2.6	19
52	Southern Ocean polynya. <i>Nature Climate Change</i> , 2014, 4, 249-250.	18.8	31
53	The Indonesian seas and their role in the coupled ocean-climate system. <i>Nature Geoscience</i> , 2014, 7, 487-492.	12.9	252
54	Subtropical surface layer salinity budget and the role of mesoscale turbulence. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 4124-4140.	2.6	22

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55	The nascent Kuroshio of Lamon Bay. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 4251-4263.	2.6	58
56	Observations of the Madden Julian Oscillation during Indian Ocean Dipole events. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 2588-2599.	3.3	56
57	Intraseasonal Kelvin wave in Makassar Strait. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 2023-2034.	2.6	54
58	Interannual Variability in Summer Sea Ice Minimum, Coastal Polynyas and Bottom Water Formation In the Weddell Sea. <i>Antarctic Research Series</i> , 2013, , 293-315.	0.2	30
59	Observations of exchange between the South China Sea and the Sulu Sea. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	29
60	South China Sea throughflow impact on the Indonesian throughflow. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	191
61	Estimating ENSO Influence on the Global Mean Sea Level, 1993â€“2010. <i>Marine Geodesy</i> , 2012, 35, 82-97.	2.0	76
62	Early Stage Soliton Observations in the Sulu Sea*. <i>Journal of Physical Oceanography</i> , 2012, 42, 1327-1336.	1.7	13
63	The Makassar Strait pycnocline variability at 20â€“40 days. <i>Dynamics of Atmospheres and Oceans</i> , 2012, 53-54, 17-35.	1.8	24
64	Variability of Indonesian throughflow within Makassar Strait, 2004â€“2009. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	95
65	Circumpolar View of the Southern Ocean from 1962 to 1992. <i>Oceanography</i> , 2012, 25, 18-23.	1.0	39
66	Synchronous intensification and warming of Antarctic Bottom Water outflow from the Weddell Gyre. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	39
67	Variability and trends in sea ice extent and ice production in the Ross Sea. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	133
68	Climate impact on interannual variability of Weddell Sea Bottom Water. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	28
69	Dual overflows into the deep Sulu Sea. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	14
70	Barrier Layer Control of Entrainment and Upwelling in the Bohol Sea, Philippines. <i>Oceanography</i> , 2011, 24, 130-141.	1.0	90
71	Development of a Hindcast/Forecast Model for the Philippine Archipelago. <i>Oceanography</i> , 2011, 24, 58-69.	1.0	12
72	Atmospheric and Oceanic Processes in the Vicinity of an Island Strait. <i>Oceanography</i> , 2011, 24, 112-121.	1.0	37

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73	A seasonal cycle in the export of bottom water from the Weddell Sea. <i>Nature Geoscience</i> , 2010, 3, 551-556.	12.9	65
74	Transport and Dynamics of the Panay Sill Overflow in the Philippine Seas*. <i>Journal of Physical Oceanography</i> , 2010, 40, 2679-2695.	1.7	21
75	Observations of Antarctic Polynya With Unmanned Aircraft Systems. <i>Eos</i> , 2010, 91, 245-246.	0.1	37
76	The Indonesian throughflow during 2004â€“2006 as observed by the INSTANT program. <i>Dynamics of Atmospheres and Oceans</i> , 2010, 50, 115-128.	1.8	259
77	Transport weighted temperature and internal energy transport of the Indonesian throughflow. <i>Dynamics of Atmospheres and Oceans</i> , 2010, 50, 224-232.	1.8	19
78	Simulated and observed circulation in the Indonesian Seas: 1/12Â° global HYCOM and the INSTANT observations. <i>Dynamics of Atmospheres and Oceans</i> , 2010, 50, 275-300.	1.8	91
79	Chaotic Advection in an Archipelago*. <i>Journal of Physical Oceanography</i> , 2010, 40, 1988-2006.	1.7	54
80	Fifty Years of the Indonesian Throughflow*. <i>Journal of Climate</i> , 2009, 22, 6342-6355.	3.2	43
81	Western Ross Sea continental slope gravity currents. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2009, 56, 796-817.	1.4	126
82	Southern Ocean shelf slope exchange. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2009, 56, 775-777.	1.4	17
83	Seasonal surface ocean circulation and dynamics in the Philippine Archipelago region during 2004â€“2008. <i>Dynamics of Atmospheres and Oceans</i> , 2009, 47, 114-137.	1.8	45
84	Intraseasonal variability in the Makassar Strait thermocline. <i>Journal of Marine Research</i> , 2009, 67, 757-777.	0.3	43
85	Improving Oceanic Overflow Representation in Climate Models: The Gravity Current Entrainment Climate Process Team. <i>Bulletin of the American Meteorological Society</i> , 2009, 90, 657-670.	3.3	153
86	Makassar Strait throughflow, 2004 to 2006. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	143
87	Evolution of the Deep and Bottom Waters of the Scotia Sea, Southern Ocean, during 1995â€“2005*. <i>Journal of Climate</i> , 2008, 21, 3327-3343.	3.2	70
88	Sea Surface Salinity Trends over Fifty Years Within the Subtropical North Atlantic. <i>Oceanography</i> , 2008, 21, 20-29.	1.0	49
89	A Possible Link between the Weddell Polynya and the Southern Annular Mode*. <i>Journal of Climate</i> , 2007, 20, 2558-2571.	3.2	86
90	Blueprints for Medieval hydroclimate. <i>Quaternary Science Reviews</i> , 2007, 26, 2322-2336.	3.0	173

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91	Observations and proxies of the surface layer throughflow in Lombok Strait. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	32
92	Isopycnal displacements within the Cape Basin thermocline as revealed by the Hydrographic Data Archive. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2006, 53, 1285-1300.	1.4	18
93	D. Lubin and R. Massom 2006. <i>Polar remote sensing. Vol. 1: Atmosphere and ocean</i> . Berlin, etc., Springer-Verlag/Chichester, Praxis Publishing Ltd. Published in association with the Antarctic Climate and Ecosystems Cooperative Research Centre, Hobart, Australia. 775pp. ISBN 3 540 43097 0, hardback, \$179.95/£138.50. <i>Journal of Glaciology</i> , 2006, 52, 471-471.	2.2	0
94	Comparison of Indonesian Throughflow transport observations, Makassar Strait to eastern Indian Ocean. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	13
95	Velocity and transport of the Makassar Strait throughflow. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	78
96	INSTANT: A new international array to measure the Indonesian Throughflow. <i>Eos</i> , 2004, 85, 369.	0.1	92
97	Significance of the vertical profile of the Indonesian Throughflow transport to the Indian Ocean. <i>Geophysical Research Letters</i> , 2004, 31, .	4.0	44
98	Energetic plumes over the western Ross Sea continental slope. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	4.0	103
99	Pacific decadal oscillation and sea level in the Japan/East sea. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2004, 51, 653-663.	1.4	62
100	Spreading of the Indonesian Throughflow in the Indian Ocean*. <i>Journal of Physical Oceanography</i> , 2004, 34, 772-792.	1.7	100
101	Cool Indonesian throughflow as a consequence of restricted surface layer flow. <i>Nature</i> , 2003, 425, 824-828.	27.8	252
102	The browniest retroreflection. <i>Nature</i> , 2003, 421, 904-905.	27.8	73
103	Estimating transport in Makassar Strait. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2003, 50, 2163-2181.	1.4	26
104	Deep topographic barriers within the Indonesian seas. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2003, 50, 2205-2228.	1.4	70
105	The Pacific/Indian Ocean pressure difference and its influence on the Indonesian Seas circulation: Part II—The study with specified sea-surface heights. <i>Journal of Marine Research</i> , 2003, 61, 613-634.	0.3	11
106	The Pacific/Indian Ocean pressure difference and its influence on the Indonesian Seas circulation: Part I—The study with specified total transports. <i>Journal of Marine Research</i> , 2003, 61, 577-611.	0.3	13
107	Tracing Amazon River water into the Caribbean Sea. <i>Journal of Marine Research</i> , 2002, 60, 537-549.	0.3	92
108	Japan/East Sea Intrathermocline Eddies. <i>Journal of Physical Oceanography</i> , 2002, 32, 1960-1974.	1.7	82

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109	The heat transport of the Indonesian Throughflow and implications for the Indian Ocean heat budget. Deep-Sea Research Part II: Topical Studies in Oceanography, 2002, 49, 1391-1410.	1.4	104
110	Bay of Bengal nutrient-rich benthic layer. Deep-Sea Research Part II: Topical Studies in Oceanography, 2002, 49, 1411-1421.	1.4	17
111	Long-term temperature trends in the deep waters of the Weddell Sea. Deep-Sea Research Part II: Topical Studies in Oceanography, 2002, 49, 4791-4806.	1.4	126
112	A numerical study of the circulation in the northwestern Weddell Sea. Deep-Sea Research Part II: Topical Studies in Oceanography, 2002, 49, 4827-4841.	1.4	18
113	Upwelling along the coasts of Java and Sumatra and its relation to ENSO. Geophysical Research Letters, 2001, 28, 1599-1602.	4.0	264
114	Export of Weddell Sea deep and bottom water. Journal of Geophysical Research, 2001, 106, 9005-9017.	3.3	109
115	Cooling and ventilating the Abyssal Ocean. Geophysical Research Letters, 2001, 28, 2923-2926.	4.0	88
116	Chapter 4.7 Interocean exchange. International Geophysics, 2001, 77, 303-314.	0.6	36
117	Banda Sea surface-layer divergence. Ocean Dynamics, 2001, 52, 0002-0010.	2.2	75
118	Recipe for Banda Sea water. Journal of Marine Research, 2000, 58, 547-569.	0.3	14
119	Deep and bottom water of the Bransfield Strait eastern and central basins. Journal of Geophysical Research, 2000, 105, 11337-11346.	3.3	72
120	A semiannual Indian Ocean forced Kelvin wave observed in the Indonesian seas in May 1997. Journal of Geophysical Research, 2000, 105, 17217-17230.	3.3	151
121	Temperature variability within Makassar Strait. Geophysical Research Letters, 2000, 27, 237-240.	4.0	73
122	The influence of the pressure head on the Indonesian Seas circulation. Geophysical Research Letters, 2000, 27, 2273-2276.	4.0	8
123	Spreading of Red Sea overflow waters in the Indian Ocean. Journal of Geophysical Research, 2000, 105, 8549-8564.	3.3	112
124	Intraseasonal variability and tides in Makassar Strait. Geophysical Research Letters, 2000, 27, 1499-1502.	4.0	40
125	Dynamical balance in the Indonesian Seas circulation. Geophysical Research Letters, 2000, 27, 2705-2708.	4.0	8
126	Throughflow within Makassar Strait. Geophysical Research Letters, 1999, 26, 3325-3328.	4.0	176

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127	Interannual variability of South Atlantic circulation from 4 years of TOPEX/POSEIDON satellite altimeter observations. <i>Journal of Geophysical Research</i> , 1999, 104, 20927-20948.	3.3	34
128	Introduction to special section: World Ocean Circulation Experiment: South Atlantic Results. <i>Journal of Geophysical Research</i> , 1999, 104, 20859-20861.	3.3	2
129	Thermohaline Stratification of the Indonesian Seas: Model and Observations*. <i>Journal of Physical Oceanography</i> , 1999, 29, 198-216.	1.7	61
130	Coelacanth populations may go with the flow. <i>Nature</i> , 1998, 395, 634-634.	27.8	8
131	Bay of Bengal currents during the Northeast Monsoon. <i>Geophysical Research Letters</i> , 1998, 25, 2769-2772.	4.0	56
132	Advection and diffusion of Indonesian Throughflow Water within the Indian Ocean South Equatorial Current. <i>Geophysical Research Letters</i> , 1997, 24, 2573-2576.	4.0	95
133	CFC-113 shows Brazil eddy crossing the South Atlantic to the Agulhas retroflection region. <i>Journal of Geophysical Research</i> , 1996, 101, 885-895.	3.3	19
134	Origins and variability of the Benguela Current. <i>Journal of Geophysical Research</i> , 1996, 101, 897-906.	3.3	143
135	The eddy field of the southeast Atlantic Ocean: A statistical census from the Benguela Sources and Transports Project. <i>Journal of Geophysical Research</i> , 1996, 101, 11949-11964.	3.3	49
136	Thermocline stratification within the Indonesian Seas. <i>Journal of Geophysical Research</i> , 1996, 101, 12401-12409.	3.3	93
137	Cosmonaut polynya in the Southern Ocean: Structure and variability. <i>Journal of Geophysical Research</i> , 1996, 101, 18297-18313.	3.3	49
138	Variability and sources of the southeastern Atlantic circulation. <i>Journal of Marine Research</i> , 1996, 54, 1039-1071.	0.3	49
139	The eastern boundary of the Gulf Stream recirculation. <i>Journal of Marine Research</i> , 1996, 54, 521-540.	0.3	8
140	On the Influence of Bottom Topography on the Agulhas Eddy. <i>Journal of Physical Oceanography</i> , 1996, 26, 892-912.	1.7	57
141	Southern Ocean fronts from the Greenwich meridian to Tasmania. <i>Journal of Geophysical Research</i> , 1996, 101, 3675-3696.	3.3	601
142	Pathways of water between the Pacific and Indian oceans in the Indonesian seas. <i>Nature</i> , 1996, 379, 146-149.	27.8	436
143	Communication between oceans. <i>Nature</i> , 1996, 382, 399-400.	27.8	21
144	Tidal Mixing Signatures in the Indonesian Seas. <i>Journal of Physical Oceanography</i> , 1996, 26, 1924-1937.	1.7	165

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145	Comment on the South Atlantic's Role in the Global Circulation. , 1996, , 121-124.		10
146	Agulhas Eddies: A Synoptic View Using Geosat ERM Data. Journal of Physical Oceanography, 1995, 25, 902-917.	1.7	153
147	When is Appearance Reality? A Comment on Why Does the Indonesian Throughflow Appear to Originate from the North Pacific. Journal of Physical Oceanography, 1995, 25, 1560-1567.	1.7	40
148	Tropical atlantic water within the Benguela upwelling system at 27°S. Deep-Sea Research Part I: Oceanographic Research Papers, 1995, 42, 1-12.	1.4	36
149	Circulation and transport of water along the western Weddell Sea margin. Journal of Geophysical Research, 1995, 100, 18503.	3.3	104
150	Warm Weddell Deep Water west of Maud Rise. Journal of Geophysical Research, 1995, 100, 13747.	3.3	26
151	The absolute velocity field of Agulhas eddies and the Benguela Current. Journal of Geophysical Research, 1995, 100, 22591.	3.3	34
152	Thermocline of the Flores and Banda seas. Journal of Geophysical Research, 1994, 99, 18235.	3.3	56
153	Deep and Bottom Water of the Weddell Sea's Western Rim. Science, 1993, 262, 95-97.	12.6	115
154	Weddell Sea exploration from ice station. Eos, 1993, 74, 121-126.	0.1	54
155	Modeling of topographic effects on Antarctic Sea ice using multivariate adaptive regression splines. Journal of Geophysical Research, 1993, 98, 20307-20319.	3.3	32
156	Vertical Mixing in the Indonesian Thermocline. Journal of Physical Oceanography, 1992, 22, 184-195.	1.7	188
157	Convective modifications of water masses in the Agulhas. Deep-sea Research Part A, Oceanographic Research Papers, 1992, 39, S163-S181.	1.5	46
158	Thermocline and intermediate water communication between the south Atlantic and Indian oceans. Journal of Geophysical Research, 1992, 97, 7223-7240.	3.3	326
159	Cyclonic gyre in the tropical South Atlantic. Deep-sea Research Part A, Oceanographic Research Papers, 1991, 38, S323-S343.	1.5	85
160	Two Stable Modes of Southern Ocean Winter Stratification. Elsevier Oceanography Series, 1991, 57, 17-35.	0.1	49
161	Agulhas eddies invade the south Atlantic: Evidence From Geosat altimeter and shipboard conductivity-temperature-depth survey. Journal of Geophysical Research, 1990, 95, 3117-3125.	3.3	155
162	Southern ocean winter mixed layer. Journal of Geophysical Research, 1990, 95, 11655-11672.	3.3	262

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163	Late Pleistocene Southern Ocean $\delta^{13}C$ variability. <i>Paleoceanography</i> , 1990, 5, 43-54.	3.0	140
164	Intermediate waters in the southwest South Atlantic. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1989, 36, 1-16.	1.5	201
165	Weddell Gyre: Temperature maximum stratum. <i>Journal of Geophysical Research</i> , 1989, 94, 8331-8334.	3.3	54
166	Brazil-Malvinas Confluence in 1984. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1989, 36, 359-384.	1.5	191
167	Polynyas in the Southern Ocean. <i>Scientific American</i> , 1988, 258, 90-97.	1.0	135
168	Spatial and Temporal Variability Within the Southern Ocean. , 1988, , 41-56.		31
169	Recurring polynyas over the Cosmonaut Sea and the Maud Rise. <i>Journal of Geophysical Research</i> , 1987, 92, 2819-2833.	3.3	127
170	Polar oceans. <i>Reviews of Geophysics</i> , 1987, 25, 227-233.	23.0	28
171	Stratification and circulation at the Agulhas Retroflection. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1987, 34, 565-599.	1.5	177
172	Shedding of an Agulhas ring observed at sea. <i>Nature</i> , 1987, 325, 138-140.	27.8	94
173	Geostrophic circulation of the Brazil-Falkland confluence. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1986, 33, 573-585.	1.5	134
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