

Robert B Dunbar

List of Publications by Year in descending order

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Version: 2024-02-01

175
papers

13,377
citations

17440

63
h-index

24982

109
g-index

180
all docs

180
docs citations

180
times ranked

12196
citing authors

#	ARTICLE	IF	CITATIONS
1	Phytoplankton Community Structure and the Drawdown of Nutrients and CO ₂ in the Southern Ocean. <i>Science</i> , 1999, 283, 365-367.	12.6	719
2	The History of South American Tropical Precipitation for the Past 25,000 Years. <i>Science</i> , 2001, 291, 640-643.	12.6	679
3	Marine sediment record from the East Antarctic margin reveals dynamics of ice sheet recession. <i>GSA Today</i> , 2006, 16, 4.	2.0	679
4	Seasonal rhythms of net primary production and particulate organic carbon flux to depth describe the efficiency of biological pump in the global ocean. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	383
5	Eastern Pacific sea surface temperature since 1600 A.D.: The $\delta^{18}O$ record of climate variability in Galápagos Corals. <i>Paleoceanography</i> , 1994, 9, 291-315.	3.0	361
6	Persistent near-tropical warmth on the Antarctic continent during the early Eocene epoch. <i>Nature</i> , 2012, 488, 73-77.	27.8	266
7	Tropical Pacific Forcing of Decadal SST Variability in the Western Indian Ocean over the Past Two Centuries. <i>Science</i> , 2000, 287, 617-619.	12.6	248
8	CO ₂ sensitivity of Southern Ocean phytoplankton. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	240
9	Chronology of the Palmer Deep site, Antarctic Peninsula: a Holocene palaeoenvironmental reference for the circum-Antarctic. <i>Holocene</i> , 2001, 11, 1-9.	1.7	233
10	A community-based geological reconstruction of Antarctic Ice Sheet deglaciation since the Last Glacial Maximum. <i>Quaternary Science Reviews</i> , 2014, 100, 1-9.	3.0	228
11	Regional variability in the vertical flux of particulate organic carbon in the ocean interior. <i>Global Biogeochemical Cycles</i> , 2002, 16, 11-1-11-18.	4.9	227
12	Extreme longevity in proteinaceous deep-sea corals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 5204-5208.	7.1	224
13	Dynamic behaviour of the East Antarctic ice sheet during Pliocene warmth. <i>Nature Geoscience</i> , 2013, 6, 765-769.	12.9	219
14	Resilience of cold-water scleractinian corals to ocean acidification: Boron isotopic systematics of pH and saturation state up-regulation. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 87, 21-34.	3.9	203
15	A new estimate of the Holocene lowstand level of Lake Titicaca, central Andes, and implications for tropical palaeohydrology. <i>Holocene</i> , 2000, 10, 21-32.	1.7	201
16	Distribution of magnesium in coral skeleton. <i>Geophysical Research Letters</i> , 2004, 31, .	4.0	186
17	A coral-based reconstruction of Intertropical Convergence Zone variability over Central America since 1707. <i>Journal of Geophysical Research</i> , 1994, 99, 9977.	3.3	185
18	Phytoplankton taxonomic variability in nutrient utilization and primary production in the Ross Sea. <i>Journal of Geophysical Research</i> , 2000, 105, 8827-8846.	3.3	183

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19	Assessing the effects of large mobile predators on ecosystem connectivity. <i>Ecological Applications</i> , 2012, 22, 1711-1717.	3.8	177
20	$\delta^{13}\text{C}$ variation in scallop shells: Increasing metabolic carbon contribution with body size?. <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 3509-3519.	3.9	175
21	Retreat of the East Antarctic ice sheet during the last glacial termination. <i>Nature Geoscience</i> , 2011, 4, 195-202.	12.9	169
22	Interactive effects of iron, irradiance and CO ₂ on Ross Sea phytoplankton. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2010, 57, 368-383.	1.4	160
23	Antarctic and Southern Ocean influences on Late Pliocene global cooling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 6423-6428.	7.1	158
24	A roadmap for Antarctic and Southern Ocean science for the next two decades and beyond. <i>Antarctic Science</i> , 2015, 27, 3-18.	0.9	158
25	Environmental controls on uranium in reef corals. <i>Geochimica Et Cosmochimica Acta</i> , 1995, 59, 2009-2024.	3.9	150
26	High apex predator biomass on remote Pacific islands. <i>Coral Reefs</i> , 2007, 26, 47-51.	2.2	148
27	The vertical flux of biogenic and lithogenic material in the Ross Sea: moored sediment trap observations 1996-1998. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2000, 47, 3491-3520.	1.4	144
28	Retreat history of the East Antarctic Ice Sheet since the Last Glacial Maximum. <i>Quaternary Science Reviews</i> , 2014, 100, 10-30.	3.0	140
29	A Late Quaternary diatom record of tropical climatic history from Lake Titicaca (Peru and Bolivia). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2003, 194, 139-164.	2.3	136
30	Stable isotopes in a branching coral monitor seasonal temperature variation. <i>Nature</i> , 1981, 293, 453-455.	27.8	132
31	Water column sediment fluxes in the Ross Sea, Antarctica: Atmospheric and sea ice forcing. <i>Journal of Geophysical Research</i> , 1998, 103, 30741-30759.	3.3	124
32	Shell of the Great Scallop <i>Pecten maximus</i> as a high-frequency archive of paleoenvironmental changes. <i>Geochemistry, Geophysics, Geosystems</i> , 2005, 6, n/a-n/a.	2.5	124
33	Compositional variations at ultra-structure length scales in coral skeleton. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 1555-1569.	3.9	116
34	Factors influencing the distribution of diatoms and other algae in the Ross Sea. <i>Journal of Geophysical Research</i> , 1996, 101, 18489-18500.	3.3	112
35	Fecal pellet flux to modern bottom sediment of Santa Barbara Basin (California) based on sediment trapping. <i>Bulletin of the Geological Society of America</i> , 1981, 92, 212.	3.3	110
36	East African soil erosion recorded in a 300 year old coral colony from Kenya. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	108

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37	Isotopic evidence for hydrologic change related to the westerlies in SW Patagonia, Chile, during the last millennium. <i>Quaternary Science Reviews</i> , 2008, 27, 1335-1349.	3.0	108
38	Late Quaternary Climate and Hydrology of Tropical South America Inferred from an Isotopic and Chemical Model of Lake Titicaca, Bolivia and Peru. <i>Quaternary Research</i> , 2001, 56, 1-9.	1.7	106
39	A short-term in situ CO ₂ enrichment experiment on Heron Island (GBR). <i>Scientific Reports</i> , 2012, 2, 413.	3.3	104
40	Cycling and Accumulation of Biogenic Silica and Organic Matter in High-Latitude Environments: The Ross Sea. <i>Oceanography</i> , 1992, 5, 146-153.	1.0	103
41	Radiocarbon-based ages and growth rates of bamboo corals from the Gulf of Alaska. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	4.0	97
42	Reorganization of Southern Ocean Plankton Ecosystem at the Onset of Antarctic Glaciation. <i>Science</i> , 2013, 340, 341-344.	12.6	97
43	From wing to wing: the persistence of long ecological interaction chains in less-disturbed ecosystems. <i>Scientific Reports</i> , 2012, 2, 409.	3.3	93
44	Diatom Evidence for Late Holocene Climatic Events in Granite Harbor, Antarctica. <i>Paleoceanography</i> , 1993, 8, 373-386.	3.0	92
45	Vital effects in coral skeletal composition display strict three-dimensional control. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	89
46	High-resolution seismic reflection profiles from Lake Titicaca, Peru-Bolivia: Evidence for Holocene aridity in the tropical Andes. <i>Geology</i> , 1998, 26, 167.	4.4	86
47	Oceanographic influences on sedimentation along the Antarctic continental shelf. <i>Antarctic Research Series</i> , 1985, , 291-312.	0.2	84
48	Plants cause ecosystem nutrient depletion via the interruption of bird-derived spatial subsidies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 2072-2077.	7.1	84
49	Paleochemistry of manganese in corals from the Galapagos Islands. <i>Coral Reefs</i> , 1991, 10, 91-100.	2.2	83
50	Holocene mass-wasting events in Lago Fagnano, Tierra del Fuego (54°S): implications for paleoseismicity of the Magallanes-Fagnano transform fault. <i>Basin Research</i> , 2011, 23, 171-190.	2.7	81
51	Cenozoic ice sheet history from East Antarctic Wilkes Land continental margin sediments. <i>Global and Planetary Change</i> , 2005, 45, 51-81.	3.5	80
52	El Niño Southern Oscillation (ENSO) and decadal-scale climate variability at 10°N in the eastern Pacific from 1893 to 1994: A coral-based reconstruction from Clipperton Atoll. <i>Paleoceanography</i> , 2000, 15, 322-335.	3.0	79
53	Frictional wave dissipation on a remarkably rough reef. <i>Geophysical Research Letters</i> , 2015, 42, 4063-4071.	4.0	79
54	Effects of diagenesis on paleoclimate reconstructions from modern and young fossil corals. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 6361-6373.	3.9	78

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55	Late-Quaternary lowstands of Lake Titicaca: evidence from high-resolution seismic data. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2002, 179, 97-111.	2.3	77
56	Diatom flux in McMurdo Sound, Antarctica. <i>Marine Micropaleontology</i> , 1987, 12, 49-64.	1.2	75
57	Chronostratigraphic framework for the IODP Expedition 318 cores from the Wilkes Land Margin: Constraints for paleoceanographic reconstruction. <i>Paleoceanography</i> , 2012, 27, .	3.0	72
58	Coral skeletal $\delta^{15}N$ reveals isotopic traces of an agricultural revolution. <i>Marine Pollution Bulletin</i> , 2005, 50, 931-944.	5.0	71
59	A dead Central American coral reef tract: Possible link with the Little Ice Age. <i>Journal of Marine Research</i> , 1983, 41, 605-637.	0.3	70
60	Stable isotope fractionation in benthic foraminifera from the Peruvian continental margin. <i>Marine Geology</i> , 1984, 59, 215-225.	2.1	70
61	Acetoclastic <i>Methanosaeta</i> are dominant methanogens in organic-rich Antarctic marine sediments. <i>ISME Journal</i> , 2018, 12, 330-342.	9.8	70
62	Recent diatom record of McMurdo Sound, Antarctica: Implications for history of sea ice extent. <i>Paleoceanography</i> , 1988, 3, 259-274.	3.0	68
63	Monthly Strontium/Calcium oscillations in symbiotic coral aragonite: Biological effects limiting the precision of the paleotemperature proxy. <i>Geophysical Research Letters</i> , 2003, 30, .	4.0	68
64	Late Quaternary lake-level changes constrained by radiocarbon and stable isotope studies on sediment cores from Lake Titicaca, South America. <i>Global and Planetary Change</i> , 2003, 38, 273-290.	3.5	67
65	Deglacial ocean and climate seasonality in laminated diatom sediments, Mac.Robertson Shelf, Antarctica. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2005, 227, 290-310.	2.3	66
66	Title is missing!. <i>Climatic Change</i> , 2002, 52, 175-199.	3.6	65
67	Niche partitioning among and within sympatric tropical seabirds revealed by stable isotope analysis. <i>Marine Ecology - Progress Series</i> , 2010, 416, 285-294.	1.9	65
68	Biological forcing controls the chemistry of reef-building coral skeleton. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	64
69	Relative sea-level rise around East Antarctica during Oligocene glaciation. <i>Nature Geoscience</i> , 2013, 6, 380-384.	12.9	63
70	Physical control of chlorophylla, POC, and TPN distributions in the pack ice of the Ross Sea, Antarctica. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	62
71	Late 20th century warming and freshening in the central tropical Pacific. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	61
72	Holocene climatic fluctuations and positioning of the Southern Hemisphere westerlies in Tierra del Fuego (54° S), Patagonia. <i>Journal of Quaternary Science</i> , 2010, 25, 1063-1075.	2.1	61

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73	Upper ocean nitrogen fluxes in the Polar Antarctic Zone: Constraints from the nitrogen and oxygen isotopes of nitrate. <i>Geochemistry, Geophysics, Geosystems</i> , 2009, 10, .	2.5	59
74	The relationship between new production and vertical flux on the Ross Sea continental shelf. <i>Journal of Marine Systems</i> , 1998, 17, 445-457.	2.1	58
75	Recent history of persistent organic pollutants (PAHs, PCBs, PBDEs) in sediments from a large tropical lake. <i>Journal of Hazardous Materials</i> , 2019, 368, 264-273.	12.4	58
76	Lateral transport of settling particles in the Ross Sea and implications for the fate of biogenic material. <i>Journal of Geophysical Research</i> , 1996, 101, 18479-18488.	3.3	53
77	Glacial morphology and sediment formation in the Mertz Trough, East Antarctica. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 231, 169-180.	2.3	52
78	A comparative analysis of the nutritional and elemental composition of macroalgae from the western Antarctic Peninsula. <i>Phycologia</i> , 2005, 44, 453-463.	1.4	49
79	Poleward decrease in the isotope effect of nitrate assimilation across the Southern Ocean. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	49
80	Iron Limitation of a Springtime Bacterial and Phytoplankton Community in the Ross Sea: Implications for Vitamin B12 Nutrition. <i>Frontiers in Microbiology</i> , 2011, 2, 160.	3.5	48
81	A review of a decade of lessons from one of the world's largest MPAs: conservation gains and key challenges. <i>Marine Biology</i> , 2020, 167, 1.	1.5	47
82	Carbon 13/Carbon 12 ratios of sedimentary organic matter from the Ross Sea, Antarctica: A record of phytoplankton bloom dynamics. <i>Journal of Geophysical Research</i> , 2000, 105, 14163-14172.	3.3	46
83	Taxon-specific differences in C/P and N/P drawdown for phytoplankton in the Ross Sea, Antarctica. <i>Geophysical Research Letters</i> , 2002, 29, 44-1-44-4.	4.0	46
84	Oceanographic versus seafloor-habitat control of benthic megafaunal communities in the S.W. Ross Sea, Antarctica. <i>Antarctic Research Series</i> , 2003, , 327-353.	0.2	44
85	High-resolution physical and biogeochemical variability from a shallow back reef on Ofu, American Samoa: an end-member perspective. <i>Coral Reefs</i> , 2015, 34, 979-991.	2.2	44
86	Environmental and ecological controls of coral community metabolism on Palmyra Atoll. <i>Coral Reefs</i> , 2015, 34, 339-351.	2.2	44
87	Wave dynamics of a Pacific Atoll with high frictional effects. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 350-367.	2.6	43
88	Pronounced occurrence of long-chain alkenones and dinosterol in a 25,000-year lipid molecular fossil record from Lake Titicaca, South America. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 623-636.	3.9	42
89	Post-glacial seasonal diatom record of the Mertz Glacier Polynya, East Antarctica. <i>Marine Micropaleontology</i> , 2006, 60, 66-88.	1.2	42
90	Long-range atmospheric transport of persistent organic pollutants to remote lacustrine environments. <i>Science of the Total Environment</i> , 2014, 493, 505-520.	8.0	41

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91	A coupled wave-hydrodynamic model of an atoll with high friction: Mechanisms for flow, connectivity, and ecological implications. <i>Ocean Modelling</i> , 2017, 110, 66-82.	2.4	41
92	Spatial and temporal variations in variable fluorescence in the Ross Sea (Antarctica): Oceanographic correlates and bloom dynamics. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2013, 79, 141-155.	1.4	40
93	Climate Change in Southern South America During the Last Two Millennia. <i>Developments in Paleoenvironmental Research</i> , 2009, , 353-393.	8.0	39
94	Macro-nutrient concentrations in Antarctic pack ice: Overall patterns and overlooked processes. <i>Elementa</i> , 2017, 5, .	3.2	39
95	Strontium-86 labeling experiments show spatially heterogeneous skeletal formation in the scleractinian coral <i>Porites porites</i> . <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	38
96	The roles of productivity and ecosystem size in determining food chain length in tropical terrestrial ecosystems. <i>Ecology</i> , 2013, 94, 692-701.	3.2	37
97	Living coral tissue slows skeletal dissolution related to ocean acidification. <i>Nature Ecology and Evolution</i> , 2019, 3, 1438-1444.	7.8	36
98	Persistence of depleted abalones in marine reserves of central California. <i>Biological Conservation</i> , 2008, 141, 1078-1090.	4.1	34
99	Vertical structure, seasonal drawdown, and net community production in the Ross Sea, Antarctica. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	34
100	A year in the life of a central California kelp forest: physical and biological insights into biogeochemical variability. <i>Biogeosciences</i> , 2017, 14, 31-44.	3.3	34
101	Compound-Specific ¹⁴ C Dating of IODP Expedition 318 Core U1357A Obtained Off the Wilkes Land Coast, Antarctica. <i>Radiocarbon</i> , 2014, 56, 1009-1017.	1.8	33
102	A geochemical and sedimentary record of high southern latitude Holocene climate evolution from Lago Fagnano, Tierra del Fuego. <i>Earth and Planetary Science Letters</i> , 2011, 302, 1-13.	4.4	31
103	Conservation at the edges of the world. <i>Biological Conservation</i> , 2013, 165, 139-145.	4.1	30
104	Accretion rates in coastal wetlands of the southeastern Gulf of California and their relationship with sea-level rise. <i>Holocene</i> , 2016, 26, 1126-1137.	1.7	30
105	Thermodynamics and hydrodynamics in an atoll reef system and their influence on coral cover. <i>Limnology and Oceanography</i> , 2016, 61, 2191-2206.	3.1	29
106	Recent advances in understanding Antarctic climate evolution. <i>Antarctic Science</i> , 2008, 20, 313-325.	0.9	28
107	Record of redox status in laminated sediments from Lake Titicaca: A sulfur K-edge X-ray absorption near edge structure (XANES) study. <i>Chemical Geology</i> , 2005, 219, 163-174.	3.3	27
108	Reconstruction of seasonal temperature variability in the tropical Pacific Ocean from the shell of the scallop, <i>Comptopallium radula</i> . <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 918-928.	3.9	27

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109	Neogene tectonic and climatic evolution of the Western Ross Sea, Antarctica – Chronology of events from the AND-1B drill hole. <i>Global and Planetary Change</i> , 2012, 96-97, 189-203.	3.5	27
110	A 215-yr coral $\delta^{18}O$ time series from Palau records dynamics of the West Pacific Warm Pool following the end of the Little Ice Age. <i>Coral Reefs</i> , 2014, 33, 719-731.	2.2	27
111	Positive and Negative Effects of a Threatened Parrotfish on Reef Ecosystems. <i>Conservation Biology</i> , 2014, 28, 1312-1321.	4.7	27
112	Carbonate – clumped – isotope signatures in aragonitic scleractinian and calcitic gorgonian deep-sea corals. <i>Biogeosciences</i> , 2016, 13, 6487-6505.	3.3	26
113	Multi-decadal trends in Antarctic sea-ice extent driven by ENSO – SAM over the last 2,000 years. <i>Nature Geoscience</i> , 2021, 14, 156-160.	12.9	26
114	Stable isotope composition of dissolved inorganic carbon and particulate organic carbon in sea ice from the Ross Sea, Antarctica. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	25
115	Early Bomb Radiocarbon Detected in Palau Archipelago Corals. <i>Radiocarbon</i> , 2013, 55, 1659-1664.	1.8	25
116	Air – Sea CO_2 Exchange in the Ross Sea, Antarctica. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 8167-8181.	2.6	25
117	Control of phytoplankton bloom inception in the Ross Sea, Antarctica, by Ekman restratification. <i>Global Biogeochemical Cycles</i> , 2012, 26, .	4.9	24
118	Sedimentary sterols as biogeochemical indicators in the Southern Ocean. <i>Organic Geochemistry</i> , 2008, 39, 567-588.	1.8	23
119	Field observations of wave – driven circulation over spur and groove formations on a coral reef. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 145-160.	2.6	23
120	Drivers of Biogeochemical Variability in a Central California Kelp Forest: Implications for Local Amelioration of Ocean Acidification. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2020JC016320.	2.6	23
121	Meridional transport in the Indian Ocean traced by coral radiocarbon. <i>Journal of Marine Research</i> , 2002, 60, 725-742.	0.3	22
122	Oceanic climate and circulation changes during the past four centuries from radiocarbon in corals. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	22
123	Diatom evidence for the onset of Pliocene cooling from AND-1B, McMurdo Sound, Antarctica. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 369, 136-153.	2.3	22
124	Net community production and carbon export during the late summer in the Ross Sea, Antarctica. <i>Global Biogeochemical Cycles</i> , 2017, 31, 473-491.	4.9	21
125	Dissolved organic carbon in the Ross Sea: Deep enrichment and export. <i>Limnology and Oceanography</i> , 2017, 62, 2593-2603.	3.1	21
126	Keeping an Eye on Antarctic Ice Sheet Stability. <i>Oceanography</i> , 2019, 32, 32-46.	1.0	20

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127	Coral carbon isotope sensitivity to growth rate and water depth with paleo-sea level implications. <i>Nature Communications</i> , 2019, 10, 2056.	12.8	20
128	Multidecadal- to century-scale arid episodes on the northern Altiplano during the middle Holocene. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 257, 361-376.	2.3	19
129	Oxygen and carbon isotope fractionation in calcitic deep-sea corals: Implications for paleotemperature reconstruction. <i>Chemical Geology</i> , 2014, 381, 223-233.	3.3	19
130	Isoscape Models of the Southern Ocean: Predicting Spatial and Temporal Variability in Carbon and Nitrogen Isotope Compositions of Particulate Organic Matter. <i>Global Biogeochemical Cycles</i> , 2021, 35, e2020GB006901.	4.9	19
131	Seasonally laminated diatom-rich sediments from Dumont d'Urville Trough, East Antarctic Margin: Late-Holocene Neoglacial sea-ice conditions. <i>Holocene</i> , 2012, 22, 857-875.	1.7	18
132	Mid-Holocene Antarctic sea-ice increase driven by marine ice sheet retreat. <i>Climate of the Past</i> , 2021, 17, 1-19.	3.4	18
133	Non-Redfield production and export of marine organic matter: A recurrent part of the annual cycle in the Ross Sea, Antarctica. <i>Antarctic Research Series</i> , 2003, , 179-195.	0.2	17
134	Examining the utility of coral Ba/Ca as a proxy for river discharge and hydroclimate variability at Coiba Island, Gulf of Chiriquí, Panamá. <i>Marine Pollution Bulletin</i> , 2017, 118, 48-56.	5.0	17
135	Early life history connectivity of Antarctic silverfish (<i>Pleuragramma antarctica</i>) in the Ross Sea. <i>Fisheries Oceanography</i> , 2018, 27, 274-287.	1.7	15
136	Pre-Bomb Radiocarbon Variability Inferred from a Kenyan Coral Record. <i>Radiocarbon</i> , 2002, 44, 581-590.	1.8	14
137	Sediment colour analysis from digital images and correlation with sediment composition. <i>Geological Society Special Publication</i> , 2006, 267, 113-128.	1.3	13
138	Uranium-series dating and growth characteristics of the deep-sea scleractinian coral: <i>Enallopsammia rostrata</i> from the Equatorial Pacific. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 2380-2395.	3.9	13
139	Regional calibration of coral-based climate reconstructions from Palau, West Pacific Warm Pool (WPWP). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 386, 308-320.	2.3	13
140	Seasonal radiocarbon and oxygen isotopes in a Galapagos coral: Calibration with climate indices. <i>Geophysical Research Letters</i> , 2014, 41, 5099-5105.	4.0	13
141	Bubble Stripping as a Tool To Reduce High Dissolved CO ₂ in Coastal Marine Ecosystems. <i>Environmental Science & Technology</i> , 2016, 50, 3790-3797.	10.0	13
142	The coral proto - free ocean carbon enrichment system (CP-FOCE): Engineering and development. , 2010, , .		11
143	<i>Porites</i> coral response to an oceanographic and human impact gradient in the Line Islands. <i>Limnology and Oceanography</i> , 2017, 62, 2850-2863.	3.1	11
144	Late Summer Frazil Ice-Associated Algal Blooms around Antarctica. <i>Geophysical Research Letters</i> , 2018, 45, 826-833.	4.0	11

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145	Flow and Drag in a Seagrass Bed. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 2153-2163.	2.6	11
146	Radiocarbon and stable isotopes in Palmyra corals during the past century. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 82, 154-162.	3.9	9
147	Leads, lags and the tropics. <i>Nature</i> , 2003, 421, 121-122.	27.8	8
148	The atmospheric lead record preserved in lagoon sediments at a remote equatorial Pacific location: Palmyra Atoll, northern Line Islands. <i>Marine Pollution Bulletin</i> , 2011, 62, 251-257.	5.0	8
149	A Southwest Pacific Perspective on Long-Term Global Trends in Pliocene-Pleistocene Stable Isotope Records. <i>Paleoceanography and Paleoclimatology</i> , 2018, 33, 825-839.	2.9	8
150	Intrabasin comparison of surface radiocarbon levels in the Indian Ocean between coral records and three-dimensional global ocean models. <i>Global Biogeochemical Cycles</i> , 2005, 19, n/a-n/a.	4.9	7
151	The last glacial termination in northwestern Patagonia viewed from the Lago Fonk (34°40'S) record. <i>Quaternary Science Reviews</i> , 2021, 271, 107197.	3.0	7
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