Alan C Mix

List of Publications by Year
in descending order

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177 papers	18,841 citations	13827 67 h-index	12910 131 g-index
180 all docs	180 docs citations	180 times ranked	13162 citing authors

#	Article	IF	Citations
1	A Reconstruction of Regional and Global Temperature for the Past 11,300 Years. Science, 2013, 339, 1198-1201.	6.0	1,322
2	Global warming preceded by increasing carbon dioxide concentrations during the last deglaciation. Nature, 2012, 484, 49-54.	13.7	1,141
3	Environmental processes of the ice age: land, oceans, glaciers (EPILOG). Quaternary Science Reviews, 2001, 20, 627-657.	1.4	875
4	On the Structure and Origin of Major Glaciation Cycles 1. Linear Responses to Milankovitch Forcing. Paleoceanography, 1992, 7, 701-738.	3.0	840
5	The middle Pleistocene transition: characteristics, mechanisms, and implications for long-term changes in atmospheric pCO2. Quaternary Science Reviews, 2006, 25, 3150-3184.	1.4	827
6	On the structure and origin of major glaciation cycles 2. The 100,000â€year cycle. Paleoceanography, 1993, 8, 699-735.	3.0	821
7	Constraints on the magnitude and patterns of ocean cooling at the Last Glacial Maximum. Nature Geoscience, 2009, 2, 127-132.	5.4	517
8	Ice sheets and sea level of the Last Glacial Maximum. Quaternary Science Reviews, 2002, 21, 1-7.	1.4	472
9	Consequences of twenty-first-century policy for multi-millennial climate and sea-level change. Nature Climate Change, 2016, 6, 360-369.	8.1	442
10	Global climate evolution during the last deglaciation. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E1134-42.	3.3	422
11	Reconstruction of sea-surface temperatures from assemblages of planktonic foraminifera: multi-technique approach based on geographically constrained calibration data sets and its application to glacial Atlantic and Pacific Oceans. Quaternary Science Reviews, 2005, 24, 951-998.	1.4	367
12	The Last Interglacial Ocean. Quaternary Research, 1984, 21, 123-224.	1.0	364
13	Rapid Rise of Sea Level 19,000 Years Ago and Its Global Implications. Science, 2004, 304, 1141-1144.	6.0	279
14	Collapse of the California Current During Glacial Maxima Linked to Climate Change on Land. Science, 2001, 293, 71-76.	6.0	264
15	ENSO-like Forcing on Oceanic Primary Production During the Late Pleistocene. Science, 2001, 293, 2440-2444.	6.0	261
16	Surface water response of the equatorial Atlantic Ocean to orbital forcing. Paleoceanography, 1989, 4, 19-55.	3.0	215
17	Foraminiferal faunal estimates of paleotemperature: Circumventing the No-analog problem yields cool Ice Age tropics. Paleoceanography, 1999, 14, 350-359.	3.0	212
18	Climate Sensitivity Estimated from Temperature Reconstructions of the Last Glacial Maximum. Science, 2011, 334, 1385-1388.	6.0	212

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19	Simulating the global distribution of nitrogen isotopes in the ocean. Global Biogeochemical Cycles, 2010, 24, .	1.9	186
20	Photosynthetic fractionation of13C and concentrations of dissolved CO2in the central equatorial Pacific during the last 255,000 years. Paleoceanography, 1994, 9, 781-798.	3.0	181
21	Environmental control of living symbiotic and asymbiotic foraminifera of the California Current. Paleoceanography, 1995, 10, 987-1009.	3.0	181
22	Eolian Evidence for Spatial Variability of Late Quaternary Climates in Tropical Africa. Quaternary Research, 1985, 24, 137-149.	1.0	173
23	North Atlantic surface-ocean control of Pleistocene deep-ocean circulation. Earth and Planetary Science Letters, 1985, 73, 231-243.	1.8	168
24	Palaeoclimate constraints on the impact of 2 Â°C anthropogenic warming and beyond. Nature Geoscience, 2018, 11, 474-485.	5.4	166
25	Oxygen-Isotope Analyses and Pleistocene Ice Volumes. Quaternary Research, 1984, 21, 1-20.	1.0	159
26	Earth's precession cycle and Quaternary climatic change in tropical Africa. Nature, 1987, 326, 486-487.	13.7	155
27	Oceanic Response to Orbital Forcing in the Late Quaternary: Observational and Experimental Strategies. , 1989, , 121-164.		153
28	Influence of productivity variations on long-term atmospheric CO2. Nature, 1989, 337, 541-544.	13.7	142
29	Late Quaternary paleoceanography of the Tropical Atlantic, 1: Spatial variability of annual mean seaâ€surface temperatures, 0â€20,000 years B.P.. Paleoceanography, 1986, 1, 43-66.	3.0	140
30	Eastern Pacific cooling and Atlantic overturning circulation during the last deglaciation. Nature, 2006, 443, 846-849.	13.7	136
31	Meridional shifts of the Atlantic intertropical convergence zone since the Last Glacial Maximum. Nature Geoscience, 2013, 6, 959-962.	5.4	134
32	Reassessment of ice-age cooling of the tropical ocean and atmosphere. Nature, 1999, 399, 673-676.	13.7	133
33	Deep-dwelling planktonic foraminifera of the northeastern Pacific Ocean reveal environmental control of oxygen and carbon isotopic disequilibria. Geochimica Et Cosmochimica Acta, 1996, 60, 4509-4523.	1.6	132
34	Structure and timing of the last deglaciation: Oxygen-isotope evidence. Quaternary Science Reviews, 1985, 4, 59-108.	1.4	131
35	Biology and airâ€“sea gas exchange controls on the distribution of carbon isotope ratios (Î´¹³C) in the ocean. Biogeosciences, 2013, 10, 5793-5816.	1.3	130
36	Spatial and temporal oceanographic variability of the eastern equatorial Pacific during the Late Pleistocene: Evidence from radiolaria microfossils. Paleoceanography, 1997, 12, 381-393.	3.0	124

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37	North Pacific deglacial hypoxic events linked to abrupt ocean warming. Nature, 2015, 527, 362-366.	13.7	123
38	Pleistocene Precipitation Balance in the Amazon Basin Recorded in Deep Sea Sediments. Quaternary Research, 1999, 51, 14-26.	1.0	122
39	Extraterrestrial 3He as a tracer of marine sediment transport and accumulation. Nature, 1996, 383, 705-707.	13.7	120
40	Carbon isotopes characterize rapid changes in atmospheric carbon dioxide during the last deglaciation. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3465-3470.	3.3	109
41	Preliminary estimates for the radiocarbon age of deep water in the glacial ocean. Paleoceanography, 1988, 3, 659-669.	3.0	105
42	Planktonic foraminiferal assemblages preserved in surface sediments correspond to multiple environment variables. Quaternary Science Reviews, 2005, 24, 925-950.	1.4	103
43	The impact of ocean deoxygenation on iron release from continental margin sediments. Nature Geoscience, 2014, 7, 433-437.	5.4	102
44	Carbon 13 in Pacific Deep and Intermediate Waters, 0â€370 ka: Implications for Ocean Circulation and Pleistocene CO₂. Paleoceanography, 1991, 6, 205-226.	3.0	96
45	Neodymium isotopes in authigenic phases, bottom waters and detrital sediments in the Gulf of Alaska and their implications for paleo-circulation reconstruction. Geochimica Et Cosmochimica Acta, 2016, 193, 14-35.	1.6	95
46	Living planktic foraminifera: tracers of circulation and productivity regimes in the central equatorial Pacific. Deep-Sea Research Part II: Topical Studies in Oceanography, 1996, 43, 1257-1282.	0.6	94
47	Precise Î´¹³C analysis of dissolved inorganic carbon in natural waters using automated headspace sampling and continuousâ€flow mass spectrometry.. Limnology and Oceanography: Methods, 2005, 3, 349-360.	1.0	94
48	Radiocarbon measurements on coexisting benthic and planktic foraminifera shells: potential for reconstructing ocean ventilation times over the past 20 000 years. Nuclear Instruments & Methods in Physics Research B, 1984, 5, 331-339.	0.6	92
49	A comparative study of accumulation rates derived by He and Th isotope analysis of marine sediments. Earth and Planetary Science Letters, 1995, 133, 549-555.	1.8	92
50	Millennial-scale deep water oscillations: Reflections of the North Atlantic in the deep Pacific from 10 to 60 ka. Paleoceanography, 1998, 13, 10-19.	3.0	92
51	Rapid climate oscillations in the Northeast Pacific during the last deglaciation reflect Northern and Southern Hemisphere sources. Geophysical Monograph Series, 1999, , 127-148.	0.1	90
52	Atmospheric transmission of North Atlantic Heinrich events. Journal of Geophysical Research, 1999, 104, 3947-3952.	3.3	86
53	Milankovitch theory viewed from Devils Hole. Nature, 1993, 363, 531-533.	13.7	85
54	Export production and carbonate dissolution in the central equatorial Pacific Ocean over the past 1 Myr. Paleoceanography, 2000, 15, 570-592.	3.0	85

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55	Diffuse spectral reflectance as a proxy for percent carbonate content in North Atlantic sediments. Paleoceanography, 1999, 14, 171-186.	3.0	84
56	The acceleration of oceanic denitrification during deglacial warming. Nature Geoscience, 2013, 6, 579-584.	5.4	84
57	Millennial scale climate variability of the northeast Pacific Ocean and northwest North America based on radiolaria and pollen. Quaternary Science Reviews, 2001, 20, 1561-1576.	1.4	82
58	Vanadium in foraminiferal calcite as a tracer for changes in the areal extent of reducing sediments. Paleoceanography, 1996, 11, 665-678.	3.0	80
59	Comparison of Imbrie-Kipp Transfer Function and modern analog temperature estimates using sediment trap and core top foraminiferal faunas. Paleoceanography, 1997, 12, 175-190.	3.0	79
60	Benthic foraminiferal Î´¹⁸O in the ocean's temperatureâ€salinityâ€density field: Constraints on Ice Age thermohaline circulation. Paleoceanography, 1991, 6, 1-20.	3.0	77
61	Oxygen isotopes, upper-ocean salinity, and precipitation sources in the eastern tropical Pacific. Earth and Planetary Science Letters, 2004, 224, 493-507.	1.8	77
62	Synchronization of North Pacific and Greenland climates preceded abrupt deglacial warming. Science, 2014, 345, 444-448.	6.0	77
63	The California Current of the Last Glacial Maximum: Reconstruction at 42Â°N based on multiple proxies. Paleoceanography, 1997, 12, 191-205.	3.0	75
64	Mid-Pleistocene climate transition drives net mass loss from rapidly uplifting St. Elias Mountains, Alaska. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 15042-15047.	3.3	74
65	Do geochemical estimates of sediment focusing pass the sediment test in the equatorial Pacific?. Paleoceanography, 2005, 20, n/a-n/a.	3.0	72
66	Carbon isotope records from pacific surface waters and atmospheric carbon dioxide. Quaternary Science Reviews, 1992, 11, 387-400.	1.4	71
67	Climate and tectonic influences on continental erosion of tropical South America, 0â€“13 Ma. Geology, 2002, 30, 447.	2.0	71
68	Aliasing of the geologic record and the search for longâ€period Milankovitch cycles. Paleoceanography, 1988, 3, 613-619.	3.0	70
69	Revisiting the rare earth elements in foraminiferal tests. Earth and Planetary Science Letters, 2005, 239, 79-97.	1.8	70
70	Alkenone paleothermometry: Biological lessons from marine sediment records off western South America. Geochimica Et Cosmochimica Acta, 2006, 70, 101-117.	1.6	70
71	Water Mass Conversion in the Glacial Subarctic Pacific (54Â°N, 148Â°W): Physical Constraints and the Benthicâ€Planktonic Stable Isotope Record. Paleoceanography, 1991, 6, 543-560.	3.0	69
72	A Speleothem Record of Younger Dryas Cooling, Klamath Mountains, Oregon, USA. Quaternary Research, 2005, 64, 249-256.	1.0	67

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73	Increased ventilation age of the deep northeast Pacific Ocean during the last deglaciation. Nature Geoscience, 2011, 4, 771-774.	5.4	67
74	Links between atmospheric carbon dioxide, theÂland carbon reservoir and climate over theÂpast millennium. Nature Geoscience, 2015, 8, 383-387.	5.4	66
75	A Î´13C record of Upper North Atlantic Deep Water during the past 2.6 million years. Paleoceanography, 1995, 10, 373-394.	3.0	65
76	Diatoms in Southeast Pacific surface sediments reflect environmental properties. Quaternary Science Reviews, 2007, 26, 155-169.	1.4	64
77	Calibration of the carbon isotope composition (Î´¹³C) of benthic foraminifera. Paleoceanography, 2017, 32, 512-530.	3.0	63
78	A multiproxy assessment of the western equatorial Pacific hydrography during the last 30 kyr. Paleoceanography, 2007, 22, .	3.0	62
79	Distribution and composition of organic matter in surface sediments of coastal Southeast Alaska. Continental Shelf Research, 2009, 29, 1565-1579.	0.9	61
80	Limits on the ventilation rate for the deep ocean over the last 12000 years. Climate Dynamics, 1986, 1, 53-62.	1.7	60
81	Nonlinear response in the global climate system: Evidence from benthic oxygen isotopic record in core RC13â€110. Paleoceanography, 1990, 5, 147-160.	3.0	59
82	Ice sheets by volume. Nature, 2000, 406, 689-690.	13.7	57
83	Increased glacial-age ventilation of the Chilean margin by Antarctic Intermediate Water. Nature Geoscience, 2010, 3, 23-26.	5.4	56
84	Terrigenous Fe input and biogenic sedimentation in the glacial and interglacial equatorial Pacific Ocean. Global Biogeochemical Cycles, 1995, 9, 667-684.	1.9	54
85	Sea-surface temperature estimates in the Southeast Pacific based on planktonic foraminiferal species; modern calibration and Last Glacial Maximum. Marine Micropaleontology, 2002, 44, 1-29.	0.5	53
86	Southern Ocean control on the extent of denitrification in the southeast Pacific over the last 70ka. Quaternary Science Reviews, 2007, 26, 201-212.	1.4	53
87	Late Quaternary paleoceanography of the tropical Atlantic, 2: The seasonal cycle of sea surface temperatures, 0â€“20,000 years B.P.. Paleoceanography, 1986, 1, 339-353.	3.0	52
88	Living planktic foraminifera in the central tropical Pacific Ocean: articulating the equatorial â€˜cold tongueâ€™ during La NiÃ±a, 1992. Marine Micropaleontology, 1998, 33, 157-174.	0.5	52
89	Comparison between radiocarbon ages obtained on coexisting planktonic foraminifera. Paleoceanography, 1988, 3, 647-657.	3.0	50
90	Does Antarctic glaciation force migration of the tropical rain belt?. Geology, 2010, 38, 783-786.	2.0	50

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91	Holocene winter climate variability in mid-latitude western North America. Nature Communications, 2012, 3, 1219.	5.8	50
92	Reactive iron and manganese distributions in seabed sediments near small mountainous rivers off Oregon and California (USA). Continental Shelf Research, 2013, 54, 67-79.	0.9	50
93	Productivity and sedimentary Î´¹⁵N variability for the last 17,000 years along the northern Gulf of Alaska continental slope. Paleoceanography, 2012, 27, .	3.0	49
94	Phasing of millennial-scale climate variability in the Pacific and Atlantic Oceans. Science, 2020, 370, 716-720.	6.0	49
95	Patterns of CaCO3deposition in the eastern tropical Pacific Ocean for the last 150 kyr: Evidence for a southeast Pacific depositional spike during marine isotope stage (MIS) 2. Paleoceanography, 2002, 17, 3-1-3-13.	3.0	48
96	The role of Northeast Pacific meltwater events in deglacial climate change. Science Advances, 2020, 6, eaay2915.	4.7	48
97	Millennial-scale variations in hydrography and biogeochemistry in the Eastern Equatorial Pacific over the last 100Âkyr. Quaternary Science Reviews, 2011, 30, 210-223.	1.4	47
98	Flushing of the deep Pacific Ocean and the deglacial rise of atmospheric CO2 concentrations. Nature Geoscience, 2018, 11, 749-755.	5.4	47
99	Interaction between climate, volcanism, and isostatic rebound in Southeast Alaska during the last deglaciation. Earth and Planetary Science Letters, 2016, 452, 79-89.	1.8	46
100	Planktonic foraminifera, sea surface temperatures, and mechanisms of oceanic change in the Peru and south equatorial currents, 0-150 ka BP. Paleoceanography, 2003, 18, n/a-n/a.	3.0	45
101	Dissolution of fluoride complexes following microwave-assisted hydrofluoric acid digestion of marine sediments. Talanta, 2012, 89, 195-200.	2.9	45
102	Diachronous retreat of the Greenland ice sheet during the last deglaciation. Quaternary Science Reviews, 2016, 145, 243-258.	1.4	45
103	Diatoms in northeast Pacific surface sediments as paleoceanographic proxies. Marine Micropaleontology, 2006, 60, 45-65.	0.5	44
104	Arctic Ocean chronology confirmed by accelerator ¹⁴C dating. Geophysical Research Letters, 1986, 13, 319-321.	1.5	41
105	Characterizing the impact of diffusive and advective soil gas transport on the measurement and interpretation of the isotopic signal of soil respiration. Soil Biology and Biochemistry, 2010, 42, 435-444.	4.2	41
106	Late Glacial to Holocene radiocarbon constraints on North Pacific Intermediate Water ventilation and deglacial atmospheric CO2 sources. Earth and Planetary Science Letters, 2014, 397, 57-66.	1.8	41
107	Chilean and Southeast Pacific paleoclimate variations during the last glacial cycle: directly correlated pollen and Î´18O records from ODP Site 1234. Quaternary Science Reviews, 2006, 25, 3404-3415.	1.4	40
108	Pleistocene megafloods in the northeast Pacific. Geology, 2009, 37, 79-82.	2.0	40

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109	Evolution of the Global Overturning Circulation since the Last Glacial Maximum based on marine authigenic neodymium isotopes. Quaternary Science Reviews, 2020, 241, 106396.	1.4	40
110	The Holocene retreat dynamics and stability of Petermann Glacier in northwest Greenland. Nature Communications, 2018, 9, 2104.	5.8	39
111	Testing the effects of tropical temperature, productivity, and mixed-layer depth on foraminiferal transfer functions. Paleoceanography, 1998, 13, 96-105.	3.0	38
112	Using stable isotope analysis to obtain dietary profiles from old hair: A case study from Plains Indians. American Journal of Physical Anthropology, 2005, 128, 444-452.	2.1	38
113	The use of foraminiferal uranium/calcium ratios as an indicator of changes in seawater uranium content. Paleoceanography, 1996, 11, 649-663.	3.0	35
114	USING NOCTURNAL COLD AIR DRAINAGE FLOW TO MONITOR ECOSYSTEM PROCESSES IN COMPLEX TERRAIN. , 2007, 17, 702-714.		35
115	Timescales of lateral sediment transport in the Panama Basin as revealed by radiocarbon ages of alkenones, total organic carbon and foraminifera. Earth and Planetary Science Letters, 2010, 290, 340-350.	1.8	35
116	Halocline water modification and along-slope advection at the Laptev Sea continental margin. Ocean Science, 2014, 10, 141-154.	1.3	35
117	Oxygen isotope analyses and deep-sea temperature changes: implications for rates of oceanic mixing. Nature, 1988, 331, 249-251.	13.7	34
118	Export production and terrigenous matter in the Central Equatorial Pacific Ocean during interglacial oxygen isotope Stage 11. Global and Planetary Change, 2000, 24, 59-78.	1.6	34
119	Sensitivity of Last Glacial Maximum climate to uncertainties in tropical and subtropical ocean temperatures. Quaternary Science Reviews, 2006, 25, 1168-1185.	1.4	34
120	Soil moisture effects on the carbon isotope composition of soil respiration. Rapid Communications in Mass Spectrometry, 2010, 24, 1271-1280.	0.7	30
121	Variations of Î´¹⁸O in rainwater from southwestern Oregon. Journal of Geophysical Research, 2010, 115, .	3.3	30
122	Climate change decouples oceanic primary and export productivity and organic carbon burial. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 332-335.	3.3	30
123	Reply to comment by R. Francois et al. on â€œDo geochemical estimates of sediment focusing pass the sediment test in the equatorial Pacific?â€• Further explorations of230Th normalization. Paleoceanography, 2007, 22, n/a-n/a.	3.0	28
124	Ryder Glacier in northwest Greenland is shielded from warm Atlantic water by a bathymetric sill. Communications Earth & Environment, 2020, 1, .	2.6	28
125	Bias and uncertainty of Î´13CO2 isotopic mixing models. Oecologia, 2010, 163, 227-234.	0.9	26
126	Tracking the equatorial front in the eastern equatorial Pacific Ocean by the isotopic and faunal composition of planktonic foraminifera. Marine Micropaleontology, 2011, 79, 24-40.	0.5	26

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127	Near collapse of the meridional SST gradient in the eastern equatorial Pacific during Heinrich Stadial 1. Paleoceanography, 2013, 28, 663-674.	3.0	26
128	Retreat of the Smith Sound Ice Stream in the Early Holocene. Boreas, 2019, 48, 825-840.	1.2	26
129	Holocene break-up and reestablishment of the Petermann Ice Tongue, Northwest Greenland. Quaternary Science Reviews, 2019, 218, 322-342.	1.4	23
130	Anthropogenic CO2invasion into the northeast Pacific based on concurrent Î´13CDICand nutrient profiles from the California Current. Global Biogeochemical Cycles, 2000, 14, 917-929.	1.9	22
131	Climatically driven changes in oceanic processes throughout the equatorial Pacific. Paleoceanography, 2004, 19, n/a-n/a.	3.0	22
132	The marine oxygen isotope record: Constraints on timing and extent of ice-growth events (120â€“65 ka). Special Paper of the Geological Society of America, 1992, , 19-30.	0.5	21
133	A laboratory comparison of two methods used to estimate the isotopic composition of soil Î´¹³CO₂ efflux at steady state. Rapid Communications in Mass Spectrometry, 2008, 22, 2533-2538.	0.7	21
134	Tracing subarctic Pacific water masses with benthic foraminiferal stable isotopes during the LGM and late Pleistocene. Deep-Sea Research Part II: Topical Studies in Oceanography, 2016, 125-126, 84-95.	0.6	21
135	Sea-level commitment as a gauge for climate policy. Nature Climate Change, 2018, 8, 653-655.	8.1	21
136	Modern foraminiferal assemblages in northern Nares Strait, Petermann Fjord, and beneath Petermann ice tongue, NW Greenland. Arctic, Antarctic, and Alpine Research, 2020, 52, 491-511.	0.4	21
137	Glacial sedimentation, fluxes and erosion rates associated with ice retreat in Petermann Fjord and Nares Strait, north-west Greenland. Cryosphere, 2020, 14, 261-286.	1.5	21
138	Interglacial theme and variations: 500 k.y. of orbital forcing and associated responses from the terrestrial and marine biosphere, U.S. Pacific Northwest. Geology, 2001, 29, 1115.	2.0	20
139	A 17,000 yr paleomagnetic secular variation record from the southeast Alaskan margin: Regional and global correlations. Earth and Planetary Science Letters, 2017, 473, 177-189.	1.8	20
140	AMS Radiocarbon Dates on Foraminifera from Deep Sea Sediments. Radiocarbon, 1986, 28, 424-428.	0.8	19
141	Radiolaria and pollen records from 0 to 50ka at ODP Site 1233: continental and marine climate records from the Southeast Pacific. Quaternary Science Reviews, 2006, 25, 455-473.	1.4	19
142	Late Quaternary glacial dynamics and sedimentation variability in the Bering Trough, Gulf of Alaska. Geology, 2017, 45, 251-254.	2.0	19
143	Cordilleran ice-sheet growth fueled primary productivity in the Gulf of Alaska, northeast Pacific Ocean. Geology, 2018, 46, 307-310.	2.0	19
144	Environmental controls of diatom species in northeast Pacific sediments. Palaeogeography, Palaeoclimatology, Palaeoecology, 2010, 297, 188-200.	1.0	16

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145	Sediment size fractionation and focusing in the equatorial Pacific: Effect on ²³⁰Th normalization and paleoflux measurements. Paleoceanography, 2014, 29, 747-763.	3.0	15
146	Reconstructing oxygen deficiency in the glacial Gulf of Alaska: Combining biomarkers and trace metals as paleo-redox proxies. Chemical Geology, 2020, 558, 119864.	1.4	15
147	Ice sheets and sea level of the Last Glacial Maximum. Eos, 2001, 82, 241-241.	0.1	14
148	Ice-sheet control of continental erosion in central and southern Chile (36Â°â€“41Â°S) over the last 30,000 years. Quaternary Science Reviews, 2010, 29, 3230-3239.	1.4	14
149	Early to Late Holocene Surface Exposure Ages From Two Marineâ€Terminating Outlet Glaciers in Northwest Greenland. Geophysical Research Letters, 2018, 45, 7028-7039.	1.5	14
150	Toward using Î´13C of ecosystem respiration to monitor canopy physiology in complex terrain. Oecologia, 2008, 158, 399-410.	0.9	13
151	Southern-ocean and glaciogenic nutrients control diatom export production on the Chile margin. Quaternary Science Reviews, 2014, 99, 135-145.	1.4	13
152	Evaluating drivers of Pleistocene eastern tropical Pacific sea surface temperature. Paleoceanography, 2016, 31, 1054-1069.	3.0	13
153	Composition and sources of lipid compounds in speleothem calcite from southwestern Oregon and their paleoenvironmental implications. Environmental Earth Sciences, 2011, 62, 1245-1261.	1.3	12
154	Correction of non-intrusive drill core physical properties data for variability in recovered sediment volume. Geophysical Journal International, 2015, 202, 1317-1323.	1.0	12
155	Reconstructing Paleoâ€oxygenation for the Last 54,000ÂYears in the Gulf of Alaska Using Crossâ€validated Benthic Foraminiferal and Geochemical Records. Paleoceanography and Paleoclimatology, 2021, 36, e2020PA003986.	1.3	12
156	Modern and early Holocene ice shelf sediment facies from Petermann Fjord and northern Nares Strait, northwest Greenland. Quaternary Science Reviews, 2022, 283, 107460.	1.4	12
157	High-precision dual-inlet IRMS measurements of the stable isotopes of CO₂ and the N₂O / CO₂ ratio from polar ice core samples. Atmospheric Measurement Techniques, 2014, 7, 3825-3837.	1.2	11
158	North Pacific deep-sea ecosystem responses reflect post-glacial switch to pulsed export productivity, deoxygenation, and destratification. Deep-Sea Research Part I: Oceanographic Research Papers, 2020, 164, 103341.	0.6	11
159	Environmental influences on speleothem growth in southwestern Oregon during the last 380000Âyears. Earth and Planetary Science Letters, 2009, 279, 316-325.	1.8	10
160	Widespread early Holocene deglaciation, Washington Land, northwest Greenland. Quaternary Science Reviews, 2020, 231, 106181.	1.4	10
161	Isotopic Characterization of Water Masses in the Southeast Pacific Region: Paleoceanographic Implications. Journal of Geophysical Research: Oceans, 2022, 127, .	1.0	9
162	Hundred-kiloyear cycle queried. Nature, 1987, 327, 370-370.	13.7	8

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163	Chilled out in the ice-age Atlantic. Nature, 2003, 425, 32-33.	13.7	8
164	Influences of extratropical water masses on equatorial Pacific cold tongue variability during the past 160 ka as revealed by faunal evidence of planktic foraminifers. Journal of Quaternary Science, 2012, 27, 921-931.	1.1	8
165	North Pacific Paleotemperature and Paleoproductivity Reconstructions Based on Diatom Species. Paleoceanography and Paleoclimatology, 2018, 33, 703-715.	1.3	8
166	Sediment controls dynamic behavior of a Cordilleran Ice Stream at the Last Glacial Maximum. Nature Communications, 2020, 11, 1826.	5.8	6
167	Response to Comment on â€œClimate Sensitivity Estimated from Temperature Reconstructions of the Last Glacial Maximumâ€. Science, 2012, 337, 1294-1294.	6.0	5
168	Deciphering latitudinal shifts in coccolith accumulation in the eastern tropical Pacific Ocean through the Pleistocene. Marine Micropaleontology, 2019, 152, 101739.	0.5	3
169	Seal Occurrence and Habitat Use during Summer in Petermann Fjord, Northwestern Greenland. Arctic, 2018, 71, .	0.2	3
170	Long-term monsoon regulators. Nature, 1991, 353, 703-704.	13.7	2
171	Follow the Money. Oceanography, 2017, 30, .	0.5	1
172	The Nazca Drift System â€“ palaeoceanographic significance of a giant sleeping on the SE Pacific Ocean floor. Geological Magazine, 0, , 1-15.	0.9	1
173	Educating Undergraduates About the Ocean. Oceanography, 2017, 30, .	0.5	0
174	TOSâ€”The Times They Are a Changinâ€™â€¦ Again. Oceanography, 2017, 30, 7-8.	0.5	0
175	Planning the Future of Ocean Sciences. Oceanography, 2017, 30, 5-5.	0.5	0
176	Controls on dripwater chemistry of Oregon Caves National Monument, northwestern United States. Journal of Hydrology, 2018, 557, 30-40.	2.3	0
177	On Mentoring of Graduate Students. Oceanography, 2018, 31, 7-7.	0.5	0