Darrell Kaufman

List of Publications by Year
in descending order

202 papers	11,430 citations	36203 51 h-index	34900 98 g-index

264 all docs	264 docs citations	264 times ranked	9233 citing authors

#	Article	IF	Citations
1	Continental-scale temperature variability during the past two millennia. Nature Geoscience, 2013, 6, 339-346.	5.4	954
2	Holocene thermal maximum in the western Arctic (0â€“180Â°W). Quaternary Science Reviews, 2004, 23, 529-560.	1.4	720
3	Recent Warming Reverses Long-Term Arctic Cooling. Science, 2009, 325, 1236-1239.	6.0	585
4	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
5	Cyclic Variation and Solar Forcing of Holocene Climate in the Alaskan Subarctic. Science, 2003, 301, 1890-1893.	6.0	300
6	A global multiproxy database for temperature reconstructions of the Common Era. Scientific Data, 2017, 4, 170088.	2.4	268
7	A new procedure for determining dl amino acid ratios in fossils using reverse phase liquid chromatography. Quaternary Science Reviews, 1998, 17, 987-1000.	1.4	259
8	Early onset of industrial-era warming across the oceans and continents. Nature, 2016, 536, 411-418.	13.7	242
9	Temperature and precipitation history of the Arctic. Quaternary Science Reviews, 2010, 29, 1679-1715.	1.4	226
10	Consistent multidecadal variability in global temperature reconstructions and simulations over the Common Era. Nature Geoscience, 2019, 12, 643-649.	5.4	226
11	Holocene global mean surface temperature, a multi-method reconstruction approach. Scientific Data, 2020, 7, 201.	2.4	183
12	Closed-system behaviour of the intra-crystalline fraction of amino acids in mollusc shells. Quaternary Geochronology, 2008, 3, 2-25.	0.6	177
13	Mid-latitude net precipitation decreased with Arctic warming during the Holocene. Nature, 2019, 568, 83-87.	13.7	174
14	Holocene climate change in Arctic Canada and Greenland. Quaternary Science Reviews, 2016, 147, 340-364.	1.4	173
15	Cosmogenic exposure dating of late Pleistocene moraine stabilization in Alaska. Bulletin of the Geological Society of America, 2005, 117, 1108.	1.6	163
16	Glacier fluctuations during the past 2000 years. Quaternary Science Reviews, 2016, 149, 61-90.	1.4	162
17	Climate response to large, highâ€latitude and lowâ€latitude volcanic eruptions in the Community Climate System Model. Journal of Geophysical Research, 2009, 114, .	3.3	147
18	Late Quaternary stratigraphy and sedimentation patterns in the western Arctic Ocean. Global and Planetary Change, 2009, 68, 5-17.	1.6	139

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19	The Last Glaciation in Central Magellan Strait, Southernmost Chile. Quaternary Research, 1995, 44, 133-148.	1.0	131
20	Holocene climate changes in eastern Beringia (NW North America) â€“ A systematic review of multi-proxy evidence. Quaternary Science Reviews, 2016, 147, 312-339.	1.4	123
21	Taphonomic trade-offs in tropical marine death assemblages: Differential time averaging, shell loss, and probable bias in siliciclastic vs. carbonate facies. Geology, 2005, 33, 729.	2.0	117
22	A global database of Holocene paleotemperature records. Scientific Data, 2020, 7, 115.	2.4	112
23	Arctic Holocene proxy climate database â€“ new approaches to assessing geochronological accuracy and encoding climate variables. Climate of the Past, 2014, 10, 1605-1631.	1.3	105
24	Whole-Rock Aminostratigraphy and Quaternary Sea-Level History of the Bahamas. Quaternary Research, 2000, 54, 163-173.	1.0	103
25	Sediment record from the western Arctic Ocean with an improved Late Quaternary age resolution: HOTRAX core HLY0503-8JPC, Mendeleev Ridge. Global and Planetary Change, 2009, 68, 18-29.	1.6	102
26	An extended Arctic proxy temperature database for the past 2,000 years. Scientific Data, 2014, 1, 140026.	2.4	102
27	Reinterpretation of the Burmester Core, Bonneville Basin, Utah. Quaternary Research, 1999, 52, 180-184.	1.0	95
28	Taphonomic bias and time-averaging in tropical molluscan death assemblages: differential shell half-lives in Great Barrier Reef sediment. Paleobiology, 2009, 35, 565-586.	1.3	95
29	Large-scale features and evaluation of the PMIP4-CMIP6 <i>midHolocene</i> simulations. Climate of the Past, 2020, 16, 1847-1872.	1.3	94
30	Pleistocene Maximum and Late Wisconsinan glacier extents across Alaska, U.S.A.. Developments in Quaternary Sciences, 2004, 2, 9-27.	0.1	88
31	Quantitative comparisons and models of time-averaging in bivalve and brachiopod shell accumulations. Paleobiology, 2010, 36, 428-452.	1.3	81
32	Aminostratigraphic correlations and paleotemperature implications, Pliocene-Pleistocene high-sea-level deposits, northwestern Alaska. Quaternary Science Reviews, 1993, 12, 21-33.	1.4	79
33	Amino acid paleothermometry of Quaternary ostracodes from the Bonneville Basin, Utah. Quaternary Science Reviews, 2003, 22, 899-914.	1.4	77
34	Identifying outliers and assessing the accuracy of amino acid racemization measurements for geochronology: II. Data screening. Quaternary Geochronology, 2008, 3, 328-341.	0.6	75
35	Late Pleistocene mountain glaciation in Alaska: key chronologies. Journal of Quaternary Science, 2008, 23, 659-670.	1.1	74
36	Rapid fluctuations of the Laurentide Ice Sheet at the mouth of Hudson Strait: New evidence for ocean/iceâ€sheet interactions as a control on the Younger Dryas. Paleoceanography, 1990, 5, 907-919.	3.0	73

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37	Sequence stratigraphy and the resolution of the fossil record. Geology, 2013, 41, 239-242.	2.0	73
38	Sediment mixing and stratigraphic disorder revealed by the age-structure of Tellina shells in Great Barrier Reef sediment. Geology, 2007, 35, 811.	2.0	70
39	The 87Sr/86Sr ratios of lacustrine carbonates and lake-level history of the Bonneville paleolake system. Bulletin of the Geological Society of America, 2004, 116, 1107.	1.6	69
40	Temperature sensitivity of aspartic and glutamic acid racemization in the foraminifera Pulleniatina. Quaternary Geochronology, 2006, 1, 188-207.	0.6	69
41	Biogenic silica concentration as a highâ€resolution, quantitative temperature proxy at Hallet Lake, southâ€central Alaska. Geophysical Research Letters, 2008, 35, .	1.5	69
42	Native biodiversity collapse in the eastern Mediterranean. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20202469.	1.2	68
43	Chevron Ridges and Runup Deposits in the Bahamas from Storms Late in Oxygen-Isotope Substage 5e. Quaternary Research, 1998, 50, 309-322.	1.0	64
44	Glacier readvance during the late glacial (Younger Dryas?) in the Ahklun Mountains, southwestern Alaska. Geology, 2002, 30, 679.	2.0	64
45	Amino acid geochronology of individual foraminifer (Pulleniatina obliquiloculata) tests, north Queensland margin, Australia: A new approach to correlating and dating Quaternary tropical marine sediment cores. Paleoceanography, 2004, 19, n/a-n/a.	3.0	64
46	Past abrupt changes, tipping points and cascading impacts in the Earth system. Nature Geoscience, 2021, 14, 550-558.	5.4	62
47	Long-term accumulation of carbonate shells reflects a 100-fold drop in loss rate. Geology, 2014, 42, 819-822.	2.0	60
48	Late glacial ice margins and deglacial chronology for southeastern Baffin Island and Hudson Strait, eastern Canadian Arctic. Canadian Journal of Earth Sciences, 1992, 29, 1000-1017.	0.6	57
49	Abrupt early Holocene (9.9-9.6 ka) ice-stream advance at the mouth of Hudson Strait, Arctic Canada. Geology, 1993, 21, 1063.	2.0	57
50	Oxygen isotope composition of annually banded modern and mid-Holocene travertine and evidence of paleomonsoon floods, Grand Canyon, Arizona, USA. Quaternary Research, 2006, 65, 366-379.	1.0	57
51	Integrated research on mountain glaciers: Current status, priorities and future prospects. Geomorphology, 2009, 103, 158-171.	1.1	55
52	Alaska Palaeo-Glacier Atlas (Version 2). Developments in Quaternary Sciences, 2011, , 427-445.	0.1	55
53	Dating late Quaternary planktonic foraminifer Neogloboquadrina pachyderma from the Arctic Ocean using amino acid racemization. Paleoceanography, 2008, 23, .	3.0	51
54	Late Holocene storm-trajectory changes inferred from the oxygen isotope composition of lake diatoms, south Alaska. Journal of Paleolimnology, 2009, 41, 189-208.	0.8	51

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55	The Onset and Rate of Holocene Neoglacial Cooling in the Arctic. Geophysical Research Letters, 2018, 45, 12,487.	1.5	51
56	Identifying outliers and assessing the accuracy of amino acid racemization measurements for geochronology: I. Age calibration curves. Quaternary Geochronology, 2008, 3, 308-327.	0.6	47
57	Evidence for a variable and wet Younger Dryas in southern Alaska. Quaternary Science Reviews, 2010, 29, 1445-1452.	1.4	47
58	Late Quaternary distal tephra-fall deposits in lacustrine sediments, Kenai Peninsula, Alaska. Quaternary Research, 2007, 68, 64-78.	1.0	46
59	The Iso2k database: a global compilation of paleo-<i>Î´</i>¹⁸O and <i>Î´</i>²H records to aid understanding of Common Era climate. Earth System Science Data, 2020, 12, 2261-2288.	3.7	46
60	Stratigraphy and geochronology of pitfall accumulations in caves and fissures, Bermuda. Quaternary Science Reviews, 2004, 23, 1151-1171.	1.4	45
61	¹⁰Be ages of late Pleistocene deglaciation and Neoglaciation in the northâ€central Brooks Range, Arctic Alaska. Journal of Quaternary Science, 2013, 28, 95-102.	1.1	45
62	North Atlantic-Fennoscandian Holocene climate trends and mechanisms. Quaternary Science Reviews, 2016, 147, 365-378.	1.4	45
63	Response of tundra ecosystem in southwestern Alaska to Younger-Dryas climatic oscillation. Global Change Biology, 2002, 8, 1156-1163.	4.2	44
64	Holocene climate and glacier variability at Hallet and Greyling Lakes, Chugach Mountains, south-central Alaska. Journal of Paleolimnology, 2009, 41, 143-159.	0.8	44
65	Aminostratigraphy of Pliocene-Pleistocene high-sea-level deposits, Nome coastal plain and adjacent nearshore area, Alaska. Bulletin of the Geological Society of America, 1992, 104, 40-52.	1.6	43
66	Quaternary history of the Thatcher Basin, Idaho, reconstructed from the 87Sr/86Sr and amino acid composition of lacustrine fossils: implications for the diversion of the Bear River into the Bonneville Basin. Palaeogeography, Palaeoclimatology, Palaeoecology, 1998, 141, 95-114.	1.0	43
67	Holocene glacier fluctuations, Waskey Lake, northeastern Ahklun Mountains, southwestern Alaska. Holocene, 2004, 14, 185-193.	0.9	43
68	Numerical dating of a Late Quaternary spit-shoreline complex at the northern end of Silver Lake playa, Mojave Desert, California: A comparison of the applicability of radiocarbon, luminescence, terrestrial cosmogenic nuclide, electron spin resonance, U-series and amino acid racemization methods. Quaternary International, 2007, 166, 87-110.	0.7	43
69	Oil platforms in the Persian (Arabian) Gulf: Living and death assemblages reveal no effects. Continental Shelf Research, 2016, 121, 21-34.	0.9	41
70	Tracing the effects of eutrophication on molluscan communities in sediment cores: outbreaks of an opportunistic species coincide with reduced bioturbation and high frequency of hypoxia in the Adriatic Sea. Paleobiology, 2018, 44, 575-602.	1.3	41
71	Radiocarbon-calibrated multiple amino acid geochronology of Holocene molluscs from Bramble and Rib Reefs (Great Barrier Reef, Australia). Quaternary Geochronology, 2013, 16, 73-86.	0.6	40
72	Age of Pre-late-Wisconsin Glacial-Estuarine Sedimentation, Bristol Bay, Alaska. Quaternary Research, 1996, 45, 59-72.	1.0	39

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73	Multiple constraints on the age of a Pleistocene lava dam across the Little Colorado River at Grand Falls, Arizona. Bulletin of the Geological Society of America, 2006, 118, 421-429.	1.6	39
74	Amino acid racemization in lacustrine ostracodes, part I: effect of oxidizing pre-treatments on amino acid composition. Quaternary Geochronology, 2011, 6, 154-173.	0.6	39
75	Pleistocene glacial history of the southern Ahklun Mountains, southwestern Alaska: Soil-development, morphometric, and radiocarbon constraints. Quaternary Science Reviews, 2001, 20, 353-370.	1.4	38
76	Quaternary highstands in Bear Lake Valley, Utah and Idaho. Bulletin of the Geological Society of America, 2003, 115, 463-478.	1.6	38
77	Late Quaternary tephrostratigraphy, Ahklun Mountains, SW Alaska. Journal of Quaternary Science, 2012, 27, 344-359.	1.1	37
78	Stratigraphic unmixing reveals repeated hypoxia events over the past 500 yr in the northern Adriatic Sea. Geology, 2017, 45, 363-366.	2.0	37
79	Characterizing the dynamics of amino acid racemization using time-dependent reaction kinetics: A Bayesian approach to fitting age-calibration models. Quaternary Geochronology, 2013, 18, 63-77.	0.6	36
80	Sediment accumulation, stratigraphic order, and the extent of time-averaging in lagoonal sediments: a comparison of 210Pb and 14C/amino acid racemization chronologies. Coral Reefs, 2015, 34, 215-229.	0.9	36
81	Ice-free conditions in Novaya Zemlya 35 000-30 000 cal years B.P., as indicated by radiocarbon ages and amino acid racemization evidence from marine molluscs. Polar Research, 2008, 27, 187-208.	1.6	35
82	Orbital-scale environmental and climatic changes recorded in a new â^¼200,000-year-long multiproxy sedimentary record from Padul, southern Iberian Peninsula. Quaternary Science Reviews, 2018, 198, 91-114.	1.4	35
83	One fossil record, multiple time resolutions: Disparate time-averaging of echinoids and mollusks on a Holocene carbonate platform. Geology, 2018, 46, 51-54.	2.0	35
84	Holocene atmospheric circulation in the central North Pacific: A new terrestrial diatom and Î´18O dataset from the Aleutian Islands. Quaternary Science Reviews, 2018, 194, 27-38.	1.4	35
85	Glacier Regimes, Periglacial Landforms, and Holocene Climate Change in the Kigluaik Mountains, Seward Peninsula, Alaska, U.S.A.. Arctic and Alpine Research, 1998, 30, 154.	1.3	34
86	Paleolimnological evidence of the response of the central Canadian treeline zone to radiative forcing and hemispheric patterns of temperature change over the past 2000Âyears. Journal of Paleolimnology, 2009, 41, 129-141.	0.8	32
87	Synoptic scale controls on the Î´¹⁸O in precipitation across Beringia. Geophysical Research Letters, 2015, 42, 4608-4616.	1.5	32
88	Middle Pleistocene age of the Nome River glaciation, northwestern Alaska. Quaternary Research, 1991, 36, 277-293.	1.0	31
89	TIME-AVERAGING AND STRATIGRAPHIC RESOLUTION IN DEATH ASSEMBLAGES AND HOLOCENE DEPOSITS: SYDNEY HARBOUR'S MOLLUSCAN RECORD. Palaios, 2016, 31, 563-574.	0.6	31
90	SPATIAL VARIATION IN THE TEMPORAL RESOLUTION OF SUBTROPICAL SHALLOW-WATER MOLLUSCAN DEATH ASSEMBLAGES. Palaios, 2017, 32, 572-583.	0.6	31

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91	PaCTS 1.0: A Crowdsourced Reporting Standard for Paleoclimate Data. Paleoceanography and Paleoclimatology, 2019, 34, 1570-1596.	1.3	30
92	Morphometric Analysis of Pleistocene Glacial Deposits in the Kigluaik Mountains, Northwestern Alaska, U.S.A.. Arctic and Alpine Research, 1988, 20, 273.	1.3	29
93	Dating deep-lake sediments by using amino acid racemization in fossil ostracodes. Geology, 2003, 31, 1049.	2.0	29
94	A continuous 250,000yr record of oxygen and carbon isotopes in ostracode and bulk-sediment carbonate from Bear Lake, Utah-Idaho. Quaternary Science Reviews, 2006, 25, 2258-2270.	1.4	29
95	A decline in molluscan carbonate production driven by the loss of vegetated habitats encoded in the Holocene sedimentary record of the Gulf of Trieste. Sedimentology, 2019, 66, 781-807.	1.6	29
96	Late Pleistocene Glaciation of the Southwestern Ahklun Mountains, Alaska. Quaternary Research, 2000, 53, 13-22.	1.0	28
97	Pre-Late-Wisconsin glacial history, coastal Ahklun Mountains, southwestern Alaska â€“ new amino acid, thermoluminescence, and 40Ar/39Ar results. Quaternary Science Reviews, 2001, 20, 337-352.	1.4	28
98	Age of the Cutler Dam Alloformation (Late Pleistocene), Bonneville Basin, Utah. Quaternary Research, 2001, 56, 322-334.	1.0	28
99	Late Pleistocene and Holocene glaciation of the Fish Lake valley, northeastern Alaska Range, Alaska. Journal of Quaternary Science, 2009, 24, 677-689.	1.1	28
100	A multi-proxy record of the Last Glacial Maximum and last 14,500Âyears of paleoenvironmental change at Lone Spruce Pond, southwestern Alaska. Journal of Paleolimnology, 2012, 48, 9-26.	0.8	28
101	Amino acid ratios in reworked marine bivalve shells constrain Greenland Ice Sheet history during the Holocene. Geology, 2014, 42, 75-78.	2.0	28
102	The Last Interglacial to Glacial Transition, Togiak Bay, Southwestern Alaska. Quaternary Research, 2001, 55, 190-202.	1.0	27
103	Holocene summer temperature reconstruction from sedimentary chlorophyll content, with treatment of age uncertainties, Kurupa Lake, Arctic Alaska. Holocene, 2015, 25, 641-650.	0.9	27
104	Quaternary alpine glaciation in Alaska, the Pacific Northwest, Sierra Nevada, and Hawaii. Developments in Quaternary Sciences, 2003, , 77-103.	0.1	26
105	Holocene climate inferred from glacier extent, lake sediment and tree rings at Goat Lake, Kenai Mountains, Alaska, USA. Journal of Quaternary Science, 2009, 24, 33-45.	1.1	26
106	An overview of late Holocene climate and environmental change inferred from Arctic lake sediment. Journal of Paleolimnology, 2009, 41, 1-6.	0.8	26
107	Late Wisconsin Glacial History of the Northern Alaska Peninsula, Southwestern Alaska, U.S.A.. Arctic and Alpine Research, 1996, 28, 475.	1.3	25
108	Abrupt climatic events during the last glacial-interglacial transition in Alaska. Geophysical Research Letters, 2006, 33, n/a-n/a.	1.5	25

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109	Placing the Common Era in aÂHolocene context: millennial to centennial patterns and trends in the hydroclimate of North America over the past 2000Âyears. Climate of the Past, 2018, 14, 665-686.	1.3	25
110	Amino acid racemization in mono-specific foraminifera from Quaternary deep-sea sediments. Quaternary Geochronology, 2013, 16, 50-61.	0.6	24
111	A continuous multi-millennial record of surficial bivalve mollusk shells from the SÃ£o Paulo Bight, Brazilian shelf. Quaternary Research, 2014, 81, 274-283.	1.0	24
112	Late Holocene geomorphic record of fire in ponderosa pine and mixed-conifer forests, Kendrick Mountain, northern Arizona, USA. International Journal of Wildland Fire, 2011, 20, 125.	1.0	24
113	A ~33,000 year record of environmental change from Arolik Lake, Ahklun Mountains, Alaska, USA. Journal of Paleolimnology, 2003, 30, 343-361.	0.8	23
114	A Cerion-based chronostratigraphy and age model from the central Bahama Islands: Amino acid racemization and 14C in land snails and sediments. Quaternary Geochronology, 2009, 4, 148-159.	0.6	23
115	Machine learning classifiers for attributing tephra to source volcanoes: an evaluation of methods for Alaska tephras. Journal of Quaternary Science, 2020, 35, 81-92.	1.1	23
116	TRACING BURIAL HISTORY AND SEDIMENT RECYCLING IN A SHALLOW ESTUARINE SETTING (COPANO BAY,) Tj ETQq0 0 0 rgBT /Overloc	0.6	22
117	Varve formation during the past three centuries in three large proglacial lakes in south-central Alaska. Bulletin of the Geological Society of America, 2018, 130, 757-774.	1.6	22
118	Comparative dating of a Bison-bearing late-Pleistocene deposit, TÃ©rapa, Sonora, Mexico. Quaternary Geochronology, 2010, 5, 631-643.	0.6	21
119	Effects of basic pH on amino acid racemization and leaching in freshwater mollusk shell. Quaternary Geochronology, 2011, 6, 233-245.	0.6	21
120	Channel change, sediment transport, and fish habitat in a coastal stream: Effects of an extreme event. Environmental Management, 1985, 9, 35-48.	1.2	20
121	Early and late Holocene glacial fluctuations and tephrostratigraphy, Cabin Lake, Alaska. Journal of Quaternary Science, 2013, 28, 761-771.	1.1	20
122	A Communityâ€Driven Framework for Climate Reconstructions. Eos, 2014, 95, 361-362.	0.1	20
123	Amino acid composition as a taxonomic tool for molluscan fossils: An example from Pliocene-Pleistocene Arctic marine deposits. Geochimica Et Cosmochimica Acta, 1992, 56, 2445-2453.	1.6	19
124	Glacial-Geologic Evidence for Decreased Precipitation During The Little Ice Age in The Brooks Range, Alaska. Arctic, Antarctic, and Alpine Research, 2009, 41, 138-150.	0.4	19
125	Long-term river discharge and multidecadal climate variability inferred from varved sediments, southwest Alaska. Quaternary Research, 2011, 76, 1-9.	1.0	19
126	Equilibrium-line altitudes during the Last Glacial Maximum across the Brooks Range, Alaska. Journal of Quaternary Science, 2005, 20, 821-838.	1.1	18

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127	Age model for a continuous, ca 250-ka Quaternary lacustrine record from Bear Lake, Utahâ€“Idaho. Quaternary Science Reviews, 2006, 25, 2271-2282.	1.4	18
128	Rapid and early deglaciation in the central Brooks Range, Arctic Alaska. Geology, 2015, 43, 419-422.	2.0	18
129	Radiocarbon dating supports bivalve-fish age coupling along a bathymetric gradient in high-resolution paleoenvironmental studies. Geology, 2020, 48, 589-593.	2.0	17
130	Isoleucine epimerization in the high-molecular-weight fraction of pleistocene Arctica. Quaternary Science Reviews, 1995, 14, 337-350.	1.4	16
131	Late Quaternary Spring-Fed Deposits of the Grand Canyon and Their Implication for Deep Lava-Dammed Lakes. Quaternary Research, 2002, 58, 329-340.	1.0	16
132	Late Glacial and Holocene Glacier and Vegetation Fluctuations at Little Swift Lake, Southwestern Alaska, U.S.A. Arctic, Antarctic, and Alpine Research, 2004, 36, 139-146.	0.4	16
133	Using Cosmogenic ¹⁰Be Exposure Dating and Lichenometry to Constrain Holocene Glaciation in the Central Brooks Range, Alaska. Arctic, Antarctic, and Alpine Research, 2017, 49, 115-132.	0.4	16
134	A pulse of ooid formation in Maui Nui (Hawaiian Islands) during Termination I. Marine Geology, 2010, 268, 152-162.	0.9	15
135	Converting A/I values (ion exchange) to D/L values (reverse phase) for amino acid geochronology. Quaternary Geochronology, 2017, 37, 1-6.	0.6	15
136	Late Pleistocene Glacial Geology of the Okpilak-Kongakut Rivers Region, Northeastern Brooks Range, Alaska. Arctic, Antarctic, and Alpine Research, 2005, 37, 416-424.	0.4	14
137	The effect of species on lacustrine Î´¹⁸ O_{diatom} and its implications for palaeoenvironmental reconstructions. Journal of Quaternary Science, 2014, 29, 393-400.	1.1	14
138	New approach to assessing age uncertainties â€“ The 2300-year varve chronology from Eklutna Lake, Alaska (USA). Quaternary Science Reviews, 2019, 203, 90-101.	1.4	14
139	COMPARING DIRECT CARBONATE AND STANDARD GRAPHITE ¹⁴C DETERMINATIONS OF BIOGENIC CARBONATES. Radiocarbon, 2021, 63, 387-403.	0.8	14
140	A quarter-million years of paleoenvironmental change at Bear Lake, Utah and Idaho. , 2009, , .		14
141	Modeled tephra ages from lake sediments, base of Redoubt Volcano, Alaska. Quaternary Geochronology, 2008, 3, 56-67.	0.6	12
142	An improved proximal tephrochronology for Redoubt Volcano, Alaska. Journal of Volcanology and Geothermal Research, 2010, 193, 203-214.	0.8	12
143	Amino acids in lacustrine ostracodes, part III: Effects of pH and taxonomy on racemization and leaching. Quaternary Geochronology, 2011, 6, 574-597.	0.6	12
144	Late Quaternary faulting history of the Carrizal and related faults, La Paz region, Baja California Sur, Mexico. , 2014, 10, 476-504.		12

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145	Quaternary marine terrace chronology, North Canterbury, New Zealand, using amino acid racemization and infrared-stimulated luminescence. Quaternary Research, 2017, 87, 151-167.	1.0	12
146	Alder, Nitrogen, and Lake Ecology: Terrestrial-Aquatic Linkages in the Postglacial History of Lone Spruce Pond, Southwestern Alaska. PLoS ONE, 2017, 12, e0169106.	1.1	12
147	Multi-proxy evidence for millennial-scale changes in North Pacific Holocene hydroclimate from the Kenai Peninsula lowlands, south-central Alaska. Quaternary Science Reviews, 2020, 241, 106420.	1.4	12
148	Isoleucine epimerization and amino acid composition in molecular-weight separations of Pleistocene Genyornis eggshell. Geochimica Et Cosmochimica Acta, 1995, 59, 2757-2765.	1.6	11
149	Age models and tephrostratigraphy from two lakes on Adak Island, Alaska. Quaternary Geochronology, 2013, 18, 41-53.	0.6	11
150	Aminochronology and time averaging of Quaternary land snail assemblages from colluvial deposits in the Madeira Archipelago, Portugal. Quaternary Research, 2019, 92, 483-496.	1.0	11
151	The taphonomic clock in fish otoliths. Paleobiology, 2022, 48, 154-170.	1.3	11
152	Amino acid racemization in Quaternary foraminifera from the Yermak Plateau, Arctic Ocean. Geochronology, 2019, 1, 53-67.	1.0	11
153	Strontium isotopic composition of Pliocene and Pleistocene molluscs from emerged marine deposits, North American Arctic. Canadian Journal of Earth Sciences, 1993, 30, 519-534.	0.6	10
154	Amino acid racemization in lacustrine ostracodes, part II: Paleothermometry in Pleistocene sediments at Summer Lake, Oregon. Quaternary Geochronology, 2011, 6, 174-185.	0.6	10
155	Holocene storminess inferred from sediments of two lakes on Adak Island, Alaska. Quaternary Research, 2014, 82, 73-84.	1.0	10
156	Introduction to the special issue â€œClimate of the past 2000 years: regional and trans-regional synthesesâ€• Climate of the Past, 2019, 15, 611-615.	1.3	10
157	A multiproxy database of western North American Holocene paleoclimate records. Earth System Science Data, 2021, 13, 1613-1632.	3.7	10
158	Amino acid geochronology: Recent perspectives. Quaternary Geochronology, 2013, 16, 1-2.	0.6	9
159	Late glacial and Holocene environmental changes inferred from sediments in Lake Myklevatnet, Nordfjord, western Norway. Vegetation History and Archaeobotany, 2014, 23, 229-248.	1.0	9
160	PALEOENVIRONMENTAL IMPLICATIONS OF TIME-AVERAGING AND TAPHONOMIC VARIATION OF SHELL BEDS IN LAKE TANGANYIKA, AFRICA. Palaios, 2020, 35, 49-66.	0.6	9
161	Miniature radiocarbon measurements (â€‰<â€‰ 150â€‰Âµgâ€‰C) from sediments of Lake Å»abiÅ„skie, Poland: effect of precision and dating density on ageâ€“depth models. Geochronology, 2020, 2, 63-79.	1.0	9
162	Stratigraphic and compositional complexities of the late Quaternary Lethe tephra in South-central Alaska. Quaternary International, 2008, 178, 210-228.	0.7	8

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