

Darrell Kaufman

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

200

papers

8,788

citations

46

h-index

86

g-index

264

ext. papers

10,074

ext. citations

4.4

avg, IF

6.67

L-index

#	Paper	IF	Citations
200	Continental-scale temperature variability during the past two millennia. <i>Nature Geoscience</i> , 2013 , 6, 339-346	18.6	787
199	Holocene thermal maximum in the western Arctic (0°-180°W). <i>Quaternary Science Reviews</i> , 2004 , 23, 529-560	5.0	634
198	Recent warming reverses long-term arctic cooling. <i>Science</i> , 2009 , 325, 1236-9	33.3	515
197	Global climate evolution during the last deglaciation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, E1134-42	11.5	321
196	Cyclic variation and solar forcing of Holocene climate in the Alaskan subarctic. <i>Science</i> , 2003 , 301, 1890-3	33.3	274
195	A new procedure for determining dl amino acid ratios in fossils using reverse phase liquid chromatography. <i>Quaternary Science Reviews</i> , 1998 , 17, 987-1000	3.9	215
194	Temperature and precipitation history of the Arctic. <i>Quaternary Science Reviews</i> , 2010 , 29, 1679-1715	3.9	203
193	A global multiproxy database for temperature reconstructions of the Common Era. <i>Scientific Data</i> , 2017 , 4, 170088	8.2	171
192	Early onset of industrial-era warming across the oceans and continents. <i>Nature</i> , 2016 , 536, 411-8	50.4	167
191	Closed-system behaviour of the intra-crystalline fraction of amino acids in mollusc shells. <i>Quaternary Geochronology</i> , 2008 , 3, 2-25	2.7	145
190	Cosmogenic exposure dating of late Pleistocene moraine stabilization in Alaska. <i>Bulletin of the Geological Society of America</i> , 2005 , 117, 1108	3.9	140
189	Holocene climate change in Arctic Canada and Greenland. <i>Quaternary Science Reviews</i> , 2016 , 147, 340-364	3.9	127
188	Consistent multi-decadal variability in global temperature reconstructions and simulations over the Common Era. <i>Nature Geoscience</i> , 2019 , 12, 643-649	18.3	123
187	Climate response to large, high-latitude and low-latitude volcanic eruptions in the Community Climate System Model. <i>Journal of Geophysical Research</i> , 2009 , 114,		119
186	Late Quaternary stratigraphy and sedimentation patterns in the western Arctic Ocean. <i>Global and Planetary Change</i> , 2009 , 68, 5-17	4.2	117
185	Glacier fluctuations during the past 2000 years. <i>Quaternary Science Reviews</i> , 2016 , 149, 61-90	3.9	117
184	The Last Glaciation in Central Magellan Strait, Southernmost Chile. <i>Quaternary Research</i> , 1995 , 44, 133-148	1.8	107

183	Holocene climate changes in eastern Beringia (NW North America) [A systematic review of multi-proxy evidence. <i>Quaternary Science Reviews</i> , 2016 , 147, 312-339	3.9	94
182	Taphonomic trade-offs in tropical marine death assemblages: Differential time averaging, shell loss, and probable bias in siliciclastic vs. carbonate facies. <i>Geology</i> , 2005 , 33, 729	5	90
181	Mid-latitude net precipitation decreased with Arctic warming during the Holocene. <i>Nature</i> , 2019 , 568, 83-87	50.4	87
180	Sediment record from the western Arctic Ocean with an improved Late Quaternary age resolution: HOTRAX core HLY0503-8JPC, Mendeleev Ridge. <i>Global and Planetary Change</i> , 2009 , 68, 18-29	4.2	87
179	Whole-Rock Aminostratigraphy and Quaternary Sea-Level History of the Bahamas. <i>Quaternary Research</i> , 2000 , 54, 163-173	1.9	87
178	An extended Arctic proxy temperature database for the past 2,000 years. <i>Scientific Data</i> , 2014 , 1, 140026.2	6.2	83
177	Reinterpretation of the Burmester Core, Bonneville Basin, Utah. <i>Quaternary Research</i> , 1999 , 52, 180-184	1.9	79
176	Holocene global mean surface temperature, a multi-method reconstruction approach. <i>Scientific Data</i> , 2020 , 7, 201	8.2	74
175	Pleistocene Maximum and Late Wisconsinan glacier extents across Alaska, U.S.A.. <i>Developments in Quaternary Sciences</i> , 2004 , 2, 9-27	0.5	72
174	Arctic Holocene proxy climate database [New approaches to assessing geochronological accuracy and encoding climate variables. <i>Climate of the Past</i> , 2014 , 10, 1605-1631	3.9	69
173	Aminostratigraphic correlations and paleotemperature implications, Pliocene-Pleistocene high-sea-level deposits, northwestern Alaska. <i>Quaternary Science Reviews</i> , 1993 , 12, 21-33	3.9	69
172	Late Pleistocene mountain glaciation in Alaska: key chronologies. <i>Journal of Quaternary Science</i> , 2008 , 23, 659-670	2.3	63
171	Amino acid paleothermometry of Quaternary ostracodes from the Bonneville Basin, Utah. <i>Quaternary Science Reviews</i> , 2003 , 22, 899-914	3.9	63
170	Taphonomic bias and time-averaging in tropical molluscan death assemblages: differential shell half-lives in Great Barrier Reef sediment. <i>Paleobiology</i> , 2009 , 35, 565-586	2.6	61
169	Rapid fluctuations of the Laurentide Ice Sheet at the mouth of Hudson Strait: New evidence for ocean/ice-sheet interactions as a control on the Younger Dryas. <i>Paleoceanography</i> , 1990 , 5, 907-919		60
168	Sequence stratigraphy and the resolution of the fossil record. <i>Geology</i> , 2013 , 41, 239-242	5	59
167	Chevron Ridges and Runup Deposits in the Bahamas from Storms Late in Oxygen-Isotope Substage 5e. <i>Quaternary Research</i> , 1998 , 50, 309-322	1.9	58
166	Identifying outliers and assessing the accuracy of amino acid racemization measurements for geochronology: II. Data screening. <i>Quaternary Geochronology</i> , 2008 , 3, 328-341	2.7	57

165	Temperature sensitivity of aspartic and glutamic acid racemization in the foraminifera Pulleniatina. <i>Quaternary Geochronology</i> , 2006 , 1, 188-207	2.7	55
164	The $^{87}\text{Sr}/^{86}\text{Sr}$ ratios of lacustrine carbonates and lake-level history of the Bonneville paleolake system. <i>Bulletin of the Geological Society of America</i> , 2004 , 116, 1107	3.9	55
163	Biogenic silica concentration as a high-resolution, quantitative temperature proxy at Hallet Lake, south-central Alaska. <i>Geophysical Research Letters</i> , 2008 , 35,	4.9	52
162	Sediment mixing and stratigraphic disorder revealed by the age-structure of Tellina shells in Great Barrier Reef sediment. <i>Geology</i> , 2007 , 35, 811	5	52
161	Glacier readvance during the late glacial (Younger Dryas?) in the Ahklun Mountains, southwestern Alaska. <i>Geology</i> , 2002 , 30, 679	5	51
160	Integrated research on mountain glaciers: Current status, priorities and future prospects. <i>Geomorphology</i> , 2009 , 103, 158-171	4.3	50
159	Quantitative comparisons and models of time-averaging in bivalve and brachiopod shell accumulations. <i>Paleobiology</i> , 2010 , 36, 428-452	2.6	49
158	Oxygen isotope composition of annually banded modern and mid-Holocene travertine and evidence of paleomonsoon floods, Grand Canyon, Arizona, USA. <i>Quaternary Research</i> , 2006 , 65, 366-379 ^{1.9}	1.9	49
157	Late glacial ice margins and deglacial chronology for southeastern Baffin Island and Hudson Strait, eastern Canadian Arctic. <i>Canadian Journal of Earth Sciences</i> , 1992 , 29, 1000-1017	1.5	48
156	Amino acid geochronology of individual foraminifer (<i>Pulleniatina obliquiloculata</i>) tests, north Queensland margin, Australia: A new approach to correlating and dating Quaternary tropical marine sediment cores. <i>Paleoceanography</i> , 2004 , 19, n/a-n/a		46
155	Long-term accumulation of carbonate shells reflects a 100-fold drop in loss rate. <i>Geology</i> , 2014 , 42, 819-822	8.2	45
154	Late Holocene storm-trajectory changes inferred from the oxygen isotope composition of lake diatoms, south Alaska. <i>Journal of Paleolimnology</i> , 2009 , 41, 189-208	2.1	44
153	Abrupt early Holocene (9.9-9.6 ka) ice-stream advance at the mouth of Hudson Strait, Arctic Canada. <i>Geology</i> , 1993 , 21, 1063	5	44
152	A global database of Holocene paleotemperature records. <i>Scientific Data</i> , 2020 , 7, 115	8.2	44
151	Alaska Palaeo-Glacier Atlas (Version 2). <i>Developments in Quaternary Sciences</i> , 2011 , 427-445	0.5	42
150	^{10}Be ages of late Pleistocene deglaciation and Neoglaciation in the north-central Brooks Range, Arctic Alaska. <i>Journal of Quaternary Science</i> , 2013 , 28, 95-102	2.3	41
149	Dating late Quaternary planktonic foraminifer <i>Neogloboquadrina pachyderma</i> from the Arctic Ocean using amino acid racemization. <i>Paleoceanography</i> , 2008 , 23, n/a-n/a		41
148	Holocene climate and glacier variability at Hallet and Greyling Lakes, Chugach Mountains, south-central Alaska. <i>Journal of Paleolimnology</i> , 2009 , 41, 143-159	2.1	39

147	Holocene glacier fluctuations, Waskey Lake, northeastern Ahklun Mountains, southwestern Alaska. <i>Holocene</i> , 2004 , 14, 185-193	2.6	39
146	Stratigraphy and geochronology of pitfall accumulations in caves and fissures, Bermuda. <i>Quaternary Science Reviews</i> , 2004 , 23, 1151-1171	3.9	39
145	Late Quaternary distal tephra-fall deposits in lacustrine sediments, Kenai Peninsula, Alaska. <i>Quaternary Research</i> , 2007 , 68, 64-78	1.9	37
144	Large-scale features and evaluation of the PMIP4-CMIP6 <i>midHolocene&/i> simulations. <i>Climate of the Past</i> , 2020 , 16, 1847-1872	3.9	37
143	Identifying outliers and assessing the accuracy of amino acid racemization measurements for geochronology: I. Age calibration curves. <i>Quaternary Geochronology</i> , 2008 , 3, 308-327	2.7	36
142	Age of Pre-late-Wisconsin Glacial-Estuarine Sedimentation, Bristol Bay, Alaska. <i>Quaternary Research</i> , 1996 , 45, 59-72	1.9	36
141	Oil platforms in the Persian (Arabian) Gulf: Living and death assemblages reveal no effects. <i>Continental Shelf Research</i> , 2016 , 121, 21-34	2.4	35
140	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. <i>Quaternary International</i> , 2007 , 155, 87-110	2	35
139	Response of tundra ecosystem in southwestern Alaska to Younger-Dryas climatic oscillation. <i>Global Change Biology</i> , 2002 , 8, 1156-1163	11.4	35
138	Aminostratigraphy of Pliocene-Pleistocene high-sea-level deposits, Nome coastal plain and adjacent nearshore area, Alaska. <i>Bulletin of the Geological Society of America</i> , 1992 , 104, 40-52	3.9	35
137	Late Quaternary tephrostratigraphy, Ahklun Mountains, SW Alaska. <i>Journal of Quaternary Science</i> , 2012 , 27, 344-359	2.3	34
136	Evidence for a variable and wet Younger Dryas in southern Alaska. <i>Quaternary Science Reviews</i> , 2010 , 29, 1445-1452	3.9	34
135	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. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1998 , 141, 95-114	2.9	34
134	North Atlantic-Fennoscandian Holocene climate trends and mechanisms. <i>Quaternary Science Reviews</i> , 2016 , 147, 365-378	3.9	33
133	Glacier Regimes, Periglacial Landforms, and Holocene Climate Change in the Kigluaik Mountains, Seward Peninsula, Alaska, U.S.A.. <i>Arctic and Alpine Research</i> , 1998 , 30, 154		33
132	Pleistocene glacial history of the southern Ahklun Mountains, southwestern Alaska: Soil-development, morphometric, and radiocarbon constraints. <i>Quaternary Science Reviews</i> , 2001 , 20, 353-370	3.9	32
131	Paleolimnological evidence of the response of the central Canadian treeline zone to radiative forcing and hemispheric patterns of temperature change over the past 2000 years. <i>Journal of Paleolimnology</i> , 2009 , 41, 129-141	2.1	31
130	The Onset and Rate of Holocene Neoglacial Cooling in the Arctic. <i>Geophysical Research Letters</i> , 2018 , 45, 12,487-12,496	4.9	31

129	Stratigraphic unmixing reveals repeated hypoxia events over the past 500 yr in the northern Adriatic Sea. <i>Geology</i> , 2017 , 45, 363-366	5	30
128	Amino acid racemization in lacustrine ostracodes, part I: effect of oxidizing pre-treatments on amino acid composition. <i>Quaternary Geochronology</i> , 2011 , 6, 154-173	2.7	30
127	Holocene atmospheric circulation in the central North Pacific: A new terrestrial diatom and $\delta^{18}O$ dataset from the Aleutian Islands. <i>Quaternary Science Reviews</i> , 2018 , 194, 27-38	3.9	28
126	Synoptic scale controls on the $\delta^{18}O$ in precipitation across Beringia. <i>Geophysical Research Letters</i> , 2015 , 42, 4608-4616	4.9	28
125	Multiple constraints on the age of a Pleistocene lava dam across the Little Colorado River at Grand Falls, Arizona. <i>Bulletin of the Geological Society of America</i> , 2006 , 118, 421-429	3.9	28
124	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. <i>Paleobiology</i> , 2018 , 44, 575-602	2.6	27
123	Radiocarbon-calibrated multiple amino acid geochronology of Holocene molluscs from Bramble and Rib Reefs (Great Barrier Reef, Australia). <i>Quaternary Geochronology</i> , 2013 , 16, 73-86	2.7	27
122	Amino acid ratios in reworked marine bivalve shells constrain Greenland Ice Sheet history during the Holocene. <i>Geology</i> , 2014 , 42, 75-78	5	27
121	Quaternary highstands in Bear Lake Valley, Utah and Idaho. <i>Bulletin of the Geological Society of America</i> , 2003 , 115, 463-478	3.9	27
120	Orbital-scale environmental and climatic changes recorded in a new ~200,000-year-long multiproxy sedimentary record from Padul, southern Iberian Peninsula. <i>Quaternary Science Reviews</i> , 2018 , 198, 91-114	3.9	27
119	Characterizing the dynamics of amino acid racemization using time-dependent reaction kinetics: A Bayesian approach to fitting age-calibration models. <i>Quaternary Geochronology</i> , 2013 , 18, 63-77	2.7	26
118	Late Pleistocene and Holocene glaciation of the Fish Lake valley, northeastern Alaska Range, Alaska. <i>Journal of Quaternary Science</i> , 2009 , 24, 677-689	2.3	26
117	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. <i>Polar Research</i> , 2008 , 27, 187-208	2	26
116	The Last Interglacial to Glacial Transition, Togiak Bay, Southwestern Alaska. <i>Quaternary Research</i> , 2001 , 55, 190-202	1.9	26
115	Native biodiversity collapse in the eastern Mediterranean. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021 , 288, 20202469	4.4	26
114	Holocene summer temperature reconstruction from sedimentary chlorophyll content, with treatment of age uncertainties, Kurupa Lake, Arctic Alaska. <i>Holocene</i> , 2015 , 25, 641-650	2.6	25
113	Sediment accumulation, stratigraphic order, and the extent of time-averaging in lagoonal sediments: a comparison of ^{210}Pb and ^{14}C /amino acid racemization chronologies. <i>Coral Reefs</i> , 2015 , 34, 215-229	4.2	25
112	Holocene climate inferred from glacier extent, lake sediment and tree rings at Goat Lake, Kenai Mountains, Alaska, USA. <i>Journal of Quaternary Science</i> , 2009 , 24, 33-45	2.3	25

111	Pre-Late-Wisconsin glacial history, coastal Ahklun Mountains, southwestern Alaska [New amino acid, thermoluminescence, and $^{40}\text{Ar}/^{39}\text{Ar}$ results. <i>Quaternary Science Reviews</i> , 2001 , 20, 337-352	3.9	25
110	Morphometric Analysis of Pleistocene Glacial Deposits in the Kigluaik Mountains, Northwestern Alaska, U.S.A.. <i>Arctic and Alpine Research</i> , 1988 , 20, 273		25
109	A multi-proxy record of the Last Glacial Maximum and last 14,500 years of paleoenvironmental change at Lone Spruce Pond, southwestern Alaska. <i>Journal of Paleolimnology</i> , 2012 , 48, 9-26	2.1	24
108	An overview of late Holocene climate and environmental change inferred from Arctic lake sediment. <i>Journal of Paleolimnology</i> , 2009 , 41, 1-6	2.1	24
107	A continuous 250,000 yr record of oxygen and carbon isotopes in ostracode and bulk-sediment carbonate from Bear Lake, Utah-Idaho. <i>Quaternary Science Reviews</i> , 2006 , 25, 2258-2270	3.9	24
106	Middle Pleistocene age of the Nome River glaciation, northwestern Alaska. <i>Quaternary Research</i> , 1991 , 36, 277-293	1.9	24
105	TIME-AVERAGING AND STRATIGRAPHIC RESOLUTION IN DEATH ASSEMBLAGES AND HOLOCENE DEPOSITS: SYDNEY HARBOUR'S MOLLUSCAN RECORD. <i>Palaios</i> , 2016 , 31, 563-574	1.6	23
104	SPATIAL VARIATION IN THE TEMPORAL RESOLUTION OF SUBTROPICAL SHALLOW-WATER MOLLUSCAN DEATH ASSEMBLAGES. <i>Palaios</i> , 2017 , 32, 572-583	1.6	23
103	Late Pleistocene Glaciation of the Southwestern Ahklun Mountains, Alaska. <i>Quaternary Research</i> , 2000 , 53, 13-22	1.9	23
102	One fossil record, multiple time resolutions: Disparate time-averaging of echinoids and mollusks on a Holocene carbonate platform. <i>Geology</i> , 2018 , 46, 51-54	5	23
101	A Cerion-based chronostratigraphy and age model from the central Bahama Islands: Amino acid racemization and ^{14}C in land snails and sediments. <i>Quaternary Geochronology</i> , 2009 , 4, 148-159	2.7	22
100	Abrupt climatic events during the last glacial-interglacial transition in Alaska. <i>Geophysical Research Letters</i> , 2006 , 33, n/a-n/a	4.9	22
99	Late Holocene geomorphic record of fire in ponderosa pine and mixed-conifer forests, Kendrick Mountain, northern Arizona, USA. <i>International Journal of Wildland Fire</i> , 2011 , 20, 125	3.2	22
98	Dating deep-lake sediments by using amino acid racemization in fossil ostracodes. <i>Geology</i> , 2003 , 31, 1049	5	21
97	Age of the Cutler Dam Alloformation (Late Pleistocene), Bonneville Basin, Utah. <i>Quaternary Research</i> , 2001 , 56, 322-334	1.9	21
96	Late Wisconsin Glacial History of the Northern Alaska Peninsula, Southwestern Alaska, U.S.A.. <i>Arctic and Alpine Research</i> , 1996 , 28, 475		21
95	A ~33,000 year record of environmental change from Arolik Lake, Ahklun Mountains, Alaska, USA. <i>Journal of Paleolimnology</i> , 2003 , 30, 343-361	2.1	20
94	The Iso2k database: a global compilation of paleo- $\delta^{18}\text{O}$ and $\delta^2\text{H}$ records to aid understanding of Common Era climate. <i>Earth System Science Data</i> , 2020 , 12, 2261-2288	10.5	19

93	Placing the Common Era in a Holocene context: millennial to centennial patterns and trends in the hydroclimate of North America over the past 2000 years. <i>Climate of the Past</i> , 2018 , 14, 665-686	3.9	18
92	A decline in molluscan carbonate production driven by the loss of vegetated habitats encoded in the Holocene sedimentary record of the Gulf of Trieste. <i>Sedimentology</i> , 2019 , 66, 781-807	3.3	18
91	Quaternary alpine glaciation in Alaska, the Pacific Northwest, Sierra Nevada, and Hawaii. <i>Developments in Quaternary Sciences</i> , 2003 , 77-103	0.5	18
90	Early and late Holocene glacial fluctuations and tephrostratigraphy, Cabin Lake, Alaska. <i>Journal of Quaternary Science</i> , 2013 , 28, 761-771	2.3	17
89	Channel change, sediment transport, and fish habitat in a coastal stream: Effects of an extreme event. <i>Environmental Management</i> , 1985 , 9, 35-48	3.1	17
88	Varve formation during the past three centuries in three large proglacial lakes in south-central Alaska. <i>Bulletin of the Geological Society of America</i> , 2018 , 130, 757-774	3.9	17
87	A Community-Driven Framework for Climate Reconstructions. <i>Eos</i> , 2014 , 95, 361-362	1.5	16
86	Effects of basic pH on amino acid racemization and leaching in freshwater mollusk shell. <i>Quaternary Geochronology</i> , 2011 , 6, 233-245	2.7	16
85	Long-term river discharge and multidecadal climate variability inferred from varved sediments, southwest Alaska. <i>Quaternary Research</i> , 2011 , 76, 1-9	1.9	16
84	Glacial-Geologic Evidence for Decreased Precipitation During The Little Ice Age in The Brooks Range, Alaska. <i>Arctic, Antarctic, and Alpine Research</i> , 2009 , 41, 138-150	1.8	16
83	Age model for a continuous, ca 250-ka Quaternary lacustrine record from Bear Lake, Utah-Waho. <i>Quaternary Science Reviews</i> , 2006 , 25, 2271-2282	3.9	16
82	Equilibrium-line altitudes during the Last Glacial Maximum across the Brooks Range, Alaska. <i>Journal of Quaternary Science</i> , 2005 , 20, 821-838	2.3	16
81	TRACING BURIAL HISTORY AND SEDIMENT RECYCLING IN A SHALLOW ESTUARINE SETTING (COPANO BAY, TEXAS) USING POSTMORTEM AGES OF THE BIVALVE MULINIA LATERALIS. <i>Palaios</i> , 2015 , 30, 224-237	1.6	15
80	PaCTS 1.0: A Crowdsourced Reporting Standard for Paleoclimate Data. <i>Paleoceanography and Paleoclimatology</i> , 2019 , 34, 1570-1596	3.3	15
79	Rapid and early deglaciation in the central Brooks Range, Arctic Alaska. <i>Geology</i> , 2015 , 43, 419-422	5	15
78	A continuous multi-millennial record of surficial bivalve mollusk shells from the São Paulo Bight, Brazilian shelf. <i>Quaternary Research</i> , 2014 , 81, 274-283	1.9	15
77	Late Glacial and Holocene Glacier and Vegetation Fluctuations at Little Swift Lake, Southwestern Alaska, U.S.A. <i>Arctic, Antarctic, and Alpine Research</i> , 2004 , 36, 139-146	1.8	15
76	Amino acid composition as a taxonomic tool for molluscan fossils: An example from Pliocene-Pleistocene Arctic marine deposits. <i>Geochimica Et Cosmochimica Acta</i> , 1992 , 56, 2445-2453	5.5	15

75	Using Cosmogenic ^{10}Be Exposure Dating and Lichenometry to Constrain Holocene Glaciation in the Central Brooks Range, Alaska. <i>Arctic, Antarctic, and Alpine Research</i> , 2017 , 49, 115-132	1.8	14
74	Amino acid racemization in mono-specific foraminifera from Quaternary deep-sea sediments. <i>Quaternary Geochronology</i> , 2013 , 16, 50-61	2.7	14
73	Comparative dating of a Bison-bearing late-Pleistocene deposit, TĒapa, Sonora, Mexico. <i>Quaternary Geochronology</i> , 2010 , 5, 631-643	2.7	14
72	A pulse of ooid formation in Maui Nui (Hawaiian Islands) during Termination I. <i>Marine Geology</i> , 2010 , 268, 152-162	3.3	14
71	The effect of species on lacustrine $\delta^{18}\text{O}$ diatom and its implications for palaeoenvironmental reconstructions. <i>Journal of Quaternary Science</i> , 2014 , 29, 393-400	2.3	13
70	Late Pleistocene Glacial Geology of the Okpilak-Kongakut Rivers Region, Northeastern Brooks Range, Alaska. <i>Arctic, Antarctic, and Alpine Research</i> , 2005 , 37, 416-424	1.8	13
69	Past abrupt changes, tipping points and cascading impacts in the Earth system. <i>Nature Geoscience</i> , 2021 , 14, 550-558	18.3	13
68	Converting A/I values (ion exchange) to D/L values (reverse phase) for amino acid geochronology. <i>Quaternary Geochronology</i> , 2017 , 37, 1-6	2.7	12
67	Isoleucine epimerization in the high-molecular-weight fraction of pleistocene Arctica. <i>Quaternary Science Reviews</i> , 1995 , 14, 337-350	3.9	12
66	Arctic Holocene proxy climate database [new approaches to assessing geochronological accuracy and encoding climate variables]		12
65	Quaternary marine terrace chronology, North Canterbury, New Zealand, using amino acid racemization and infrared-stimulated luminescence. <i>Quaternary Research</i> , 2017 , 87, 151-167	1.9	10
64	Age models and tephrostratigraphy from two lakes on Adak Island, Alaska. <i>Quaternary Geochronology</i> , 2013 , 18, 41-53	2.7	10
63	Late Quaternary faulting history of the Carrizal and related faults, La Paz region, Baja California Sur, Mexico 2014 , 10, 476-504		10
62	An improved proximal tephrochronology for Redoubt Volcano, Alaska. <i>Journal of Volcanology and Geothermal Research</i> , 2010 , 193, 203-214	2.8	10
61	Late Quaternary Spring-Fed Deposits of the Grand Canyon and Their Implication for Deep Lava-Dammed Lakes. <i>Quaternary Research</i> , 2002 , 58, 329-340	1.9	10
60	Isoleucine epimerization and amino acid composition in molecular-weight separations of Pleistocene <i>Geomyza</i> eggshell. <i>Geochimica Et Cosmochimica Acta</i> , 1995 , 59, 2757-2765	5.5	10
59	Strontium isotopic composition of Pliocene and Pleistocene molluscs from emerged marine deposits, North American Arctic. <i>Canadian Journal of Earth Sciences</i> , 1993 , 30, 519-534	1.5	10
58	Radiocarbon dating supports bivalve-fish age coupling along a bathymetric gradient in high-resolution paleoenvironmental studies. <i>Geology</i> , 2020 , 48, 589-593	5	10

57	Alder, Nitrogen, and Lake Ecology: Terrestrial-Aquatic Linkages in the Postglacial History of Lone Spruce Pond, Southwestern Alaska. <i>PLoS ONE</i> , 2017 , 12, e0169106	3.7	9
56	Amino acids in lacustrine ostracodes, part III: Effects of pH and taxonomy on racemization and leaching. <i>Quaternary Geochronology</i> , 2011 , 6, 574-597	2.7	9
55	Modeled tephra ages from lake sediments, base of Redoubt Volcano, Alaska. <i>Quaternary Geochronology</i> , 2008 , 3, 56-67	2.7	9
54	Aminochronology and time averaging of Quaternary land snail assemblages from colluvial deposits in the Madeira Archipelago, Portugal. <i>Quaternary Research</i> , 2019 , 92, 483-496	1.9	8
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