R Lawrence Edwards

List of Publications by Year
in descending order

471	71,099	1457 107	693 253
papers	citations	h-index	g-index

483	483	483	30204
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	IntCal13 and Marine13 Radiocarbon Age Calibration Curves 0â€“50,000 Years cal BP. Radiocarbon, 2013, 55, 1869-1887.	0.8	9,487
2	IntCal09 and Marine09 Radiocarbon Age Calibration Curves, 0â€“50,000 Years cal BP. Radiocarbon, 2009, 51, 1111-1150.	0.8	4,009
3	The IntCal20 Northern Hemisphere Radiocarbon Age Calibration Curve (0â€“55 cal kBP). Radiocarbon, 2020, 62, 725-757.	0.8	3,502
4	Intcal04 Terrestrial Radiocarbon Age Calibration, 0â€“26 Cal Kyr BP. Radiocarbon, 2004, 46, 1029-1058.	0.8	3,238
5	A High-Resolution Absolute-Dated Late Pleistocene Monsoon Record from Hulu Cave, China. Science, 2001, 294, 2345-2348.	6.0	2,594
6	The Holocene Asian Monsoon: Links to Solar Changes and North Atlantic Climate. Science, 2005, 308, 854-857.	6.0	2,115
7	Millennial- and orbital-scale changes in the East Asian monsoon over the past 224,000â€‰years. Nature, 2008, 451, 1090-1093.	13.7	1,567
8	A high-resolution, absolute-dated Holocene and deglacial Asian monsoon record from Dongge Cave, China. Earth and Planetary Science Letters, 2005, 233, 71-86.	1.8	1,510
9	The half-lives of uranium-234 and thorium-230. Chemical Geology, 2000, 169, 17-33.	1.4	1,072
10	238U234U230Th232Th systematics and the precise measurement of time over the past 500,000 years. Earth and Planetary Science Letters, 1987, 81, 175-192.	1.8	1,068
11	Marine04 Marine Radiocarbon Age Calibration, 0â€“26 Cal Kyr Bp. Radiocarbon, 2004, 46, 1059-1086.	0.8	1,040
12	Timing, Duration, and Transitions of the Last Interglacial Asian Monsoon. Science, 2004, 304, 575-578.	6.0	1,013
13	Improvements in 230Th dating, 230Th and 234U half-life values, and Uâ€“Th isotopic measurements by multi-collector inductively coupled plasma mass spectrometry. Earth and Planetary Science Letters, 2013, 371-372, 82-91.	1.8	1,007
14	The Asian monsoon over the past 640,000 years and ice age terminations. Nature, 2016, 534, 640-646.	13.7	956
15	A Test of Climate, Sun, and Culture Relationships from an 1810-Year Chinese Cave Record. Science, 2008, 322, 940-942.	6.0	873
16	238U,234U and232Th in seawater. Earth and Planetary Science Letters, 1986, 80, 241-251.	1.8	844
17	El NiÃ±o/Southern Oscillation and tropical Pacific climate during the last millennium. Nature, 2003, 424, 271-276.	13.7	797
18	Ice Age Terminations. Science, 2009, 326, 248-252.	6.0	794

#	Article	IF	Citations
19	The Last Glacial Termination. Science, 2010, 328, 1652-1656.	6.0	702
20	Wet periods in northeastern Brazil over the past 210â€‰kyr linked to distant climate anomalies. Nature, 2004, 432, 740-743.	13.7	698
21	Sea-Surface Temperature from Coral Skeletal Strontium/Calcium Ratios. Science, 1992, 257, 644-647.	6.0	677
22	A Large Drop in Atmospheric 14C/12C and Reduced Melting in the Younger Dryas, Documented with 230Th Ages of Corals. Science, 1993, 260, 962-968.	6.0	470
23	Chinese cave records and the East Asia Summer Monsoon. Quaternary Science Reviews, 2014, 83, 115-128.	1.4	452
24	Climate change patterns in Amazonia and biodiversity. Nature Communications, 2013, 4, 1411.	5.8	422
25	Rapid sea-level fall and deep-ocean temperature change since the last interglacial period. Earth and Planetary Science Letters, 2003, 206, 253-271.	1.8	417
26	Uranium and thorium isotopic and concentration measurements by magnetic sector inductively coupled plasma mass spectrometry. Chemical Geology, 2002, 185, 165-178.	1.4	395
27	Timing and climatic impact of Greenland interstadials recorded in stalagmites from northern Turkey. Geophysical Research Letters, 2009, 36, .	1.5	379
28	Highly Variable El NiÃ±oâ€“Southern Oscillation Throughout the Holocene. Science, 2013, 339, 67-70.	6.0	373
29	The variation of summer monsoon precipitation in central China since the last deglaciation. Earth and Planetary Science Letters, 2010, 291, 21-31.	1.8	355
30	The earliest unequivocally modern humans in southern China. Nature, 2015, 526, 696-699.	13.7	354
31	The climatic cyclicity in semiaridâ€arid central Asia over the past 500,000 years. Geophysical Research Letters, 2012, 39, .	1.5	348
32	The Timing of High Sea Levels Over the Past 200,000 Years. Science, 1994, 263, 796-800.	6.0	340
33	Extremely Large Variations of Atmospheric 14C Concentration During the Last Glacial Period. Science, 2001, 292, 2453-2458.	6.0	334
34	Precise Timing of the Last Interglacial Period from Mass Spectrometric Determination of Thorium-230 in Corals. Science, 1987, 236, 1547-1553.	6.0	333
35	Early human occupation of the Red Sea coast of Eritrea during the last interglacial. Nature, 2000, 405, 65-69.	13.7	327
36	Sea-level variability over five glacial cycles. Nature Communications, 2014, 5, 5076.	5.8	325

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37	Earthquake Supercycles Inferred from Sea-Level Changes Recorded in the Corals of West Sumatra. Science, 2008, 322, 1674-1678.	6.0	323
38	The Global Paleomonsoon as seen through speleothem records from Asia and the Americas. Climate Dynamics, 2012, 39, 1045-1062.	1.7	311
39	800,000 Years of Abrupt Climate Variability. Science, 2011, 334, 347-351.	6.0	310
40	Climate and Vegetation History of the Midcontinent from 75 to 25 ka: A Speleothem Record from Crevice Cave, Missouri, USA. , 1998, 282, 1871-1874.		292
41	High-precision and high-resolution carbonate 230Th dating by MC-ICP-MS with SEM protocols. Geochimica Et Cosmochimica Acta, 2012, 99, 71-86.	1.6	277
42	Onset of deglacial warming in West Antarctica driven by local orbital forcing. Nature, 2013, 500, 440-444.	13.7	276
43	Orbitally driven eastâ€“west antiphasing of SouthÂAmerican precipitation. Nature Geoscience, 2009, 2, 210-214.	5.4	275
44	Hydroclimate changes across the Amazon lowlands over the past 45,000 years. Nature, 2017, 541, 204-207.	13.7	263
45	The GEOTRACES Intermediate Data Product 2017. Chemical Geology, 2018, 493, 210-223.	1.4	257
46	Timing and structure of the 8.2 kyr B.P. event inferred from Î´18O records of stalagmites from China, Oman, and Brazil. Geology, 2009, 37, 1007-1010.	2.0	251
47	Abrupt changes in early Holocene tropical sea surface temperature derived from coral records. Nature, 1997, 385, 705-707.	13.7	250
48	Variability of Southwest Indian summer monsoon precipitation during the BÃ¸lling-Ã…llerÃ¸d. Geology, 2005, 33, 813.	2.0	243
49	Interhemispheric anti-phasing of rainfall during the last glacial period. Quaternary Science Reviews, 2006, 25, 3391-3403.	1.4	242
50	A high-resolution stalagmite record of the Holocene East Asian monsoon from Mt Shennongjia, central China. Holocene, 2010, 20, 257-264.	0.9	242
51	A 900â€year (600 to 1500 A.D.) record of the Indian summer monsoon precipitation from the core monsoon zone of India. Geophysical Research Letters, 2007, 34, .	1.5	239
52	Millennialâ€scale precipitation changes in southern Brazil over the past 90,000 years. Geophysical Research Letters, 2007, 34, .	1.5	237
53	Variability of stalagmite-inferred Indian monsoon precipitation over the past 252,000 y. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 2954-2959.	3.3	233
54	A penultimate glacial monsoon record from Hulu Cave and two-phase glacial terminations. Geology, 2006, 34, 217.	2.0	232

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55	Annual growth banding in a cave stalagmite. Nature, 1993, 364, 518-520.	13.7	231
56	Deep-Sea Coral Evidence for Rapid Change in Ventilation of the Deep North Atlantic 15,400 Years Ago. Science, 1998, 280, 725-728.	6.0	227
57	Actively evolving microplate formation by oblique collision and sideways motion along strike-slip faults: An example from the northeastern Caribbean plate margin. Tectonophysics, 1995, 246, 1-69.	0.9	226
58	Human remains from Zhirendong, South China, and modern human emergence in East Asia. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 19201-19206.	3.3	223
59	Stable isotope variations in modern tropical speleothems: Evaluating equilibrium vs. kinetic isotope effects. Geochimica Et Cosmochimica Acta, 2004, 68, 4381-4393.	1.6	218
60	Putting the Younger Dryas cold event into context. Quaternary Science Reviews, 2010, 29, 1078-1081.	1.4	218
61	Early Neanderthal constructions deep in Bruniquel Cave in southwestern France. Nature, 2016, 534, 111-114.	13.7	210
62	U-Th dating of deep-sea corals. Geochimica Et Cosmochimica Acta, 2000, 64, 2401-2416.	1.6	205
63	Direct Determination of the Timing of Sea Level Change During Termination II. Science, 2002, 295, 310-313.	6.0	204
64	Abrupt changes in Indian summer monsoon strength during 33,800 to 5500â€‰years B.P.. Geophysical Research Letters, 2015, 42, 5526-5532.	1.5	198
65	High-Latitude Forcing of the South American Summer Monsoon During the Last Glacial. Science, 2012, 335, 570-573.	6.0	196
66	Indian monsoon variability on millennial-orbital timescales. Scientific Reports, 2016, 6, 24374.	1.6	194
67	A +20 m middle Pleistocene sea-level highstand (Bermuda and the Bahamas) due to partial collapse of Antarctic ice. Geology, 1999, 27, 375.	2.0	189
68	The Indian monsoon variability and civilization changes in the Indian subcontinent. Science Advances, 2017, 3, e1701296.	4.7	188
69	Protactinium-231 Dating of Carbonates by Thermal Ionization Mass Spectrometry: Implications for Quaternary Climate Change. Science, 1997, 276, 782-786.	6.0	184
70	North Atlantic storm track changes during the Last Glacial Maximum recorded by Alpine speleothems. Nature Communications, 2015, 6, 6344.	5.8	183
71	Archaea and bacteria with surprising microdiversity show shifts in dominance over 1,000-year time scales in hydrothermal chimneys. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 1612-1617.	3.3	181
72	Climate on the southern Black Sea coast during the Holocene: implications from the Sofular Cave record. Quaternary Science Reviews, 2011, 30, 2433-2445.	1.4	181

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73	Submergence and uplift associated with the giant 1833 Sumatran subduction earthquake: Evidence from coral microatolls. Journal of Geophysical Research, 1999, 104, 895-919.	3.3	177
74	Pleistocene water intrusions from the Mediterranean and Caspian seas into theÂBlackÂSea. Nature Geoscience, 2011, 4, 236-239.	5.4	177
75	Trends and oscillations in the Indian summer monsoon rainfall over the last two millennia. Nature Communications, 2015, 6, 6309.	5.8	177
76	Annual cycles of in coral skeletons and thermometry. Geochimica Et Cosmochimica Acta, 1995, 59, 2025-2042.	1.6	176
77	Source parameters of the great Sumatran megathrust earthquakes of 1797 and 1833 inferred from coral microatolls. Journal of Geophysical Research, 2006, 111, n/a-n/a.	3.3	176
78	A global context for megadroughts in monsoon Asia during the past millennium. Quaternary Science Reviews, 2011, 30, 47-62.	1.4	176
79	The WAIS Divide deep ice core WD2014 chronology â€“ Part 1: Methane synchronization (68â€“31 ka BP) and the gas ageâ€“ice age difference. Climate of the Past, 2015, 11, 153-173.	1.3	172
80	The Holocene Indian monsoon variability over the southern Tibetan Plateau and its teleconnections. Earth and Planetary Science Letters, 2012, 335-336, 135-144.	1.8	171
81	Measurement of Attogram Quantities of231Pa in Dissolved and Particulate Fractions of Seawater by Isotope Dilution Thermal Ionization Mass Spectroscopy. Analytical Chemistry, 2003, 75, 1075-1079.	3.2	168
82	Variation of initial 230Th/232Th and limits of high precision Uâ€“Th dating of shallow-water corals. Geochimica Et Cosmochimica Acta, 2008, 72, 4201-4223.	1.6	162
83	A speleothem record of glacial (25â€“11.6 kyr BP) rapid climatic changes from northern Iberian Peninsula. Global and Planetary Change, 2010, 71, 218-231.	1.6	152
84	High resolution characterization of the Asian Monsoon between 146,000 and 99,000Âyears B.P. from Dongge Cave, China and global correlation of events surrounding Termination II. Palaeogeography, Palaeoclimatology, Palaeoecology, 2006, 236, 20-38.	1.0	146
85	Persistent multidecadal power of the Indian Summer Monsoon. Earth and Planetary Science Letters, 2010, 290, 166-172.	1.8	144
86	Authigenic carbonates from seeps on the northern continental slope of the South China Sea: New insights into fluid sources and geochronology. Marine and Petroleum Geology, 2013, 43, 260-271.	1.5	143
87	The climate variability in northern Levant over the past 20,000â€‰years. Geophysical Research Letters, 2015, 42, 8641-8650.	1.5	142
88	U-series dating and taphonomy of Quaternary vertebrates from Brazilian caves. Palaeogeography, Palaeoclimatology, Palaeoecology, 2006, 240, 508-522.	1.0	139
89	Uranium-series Dating of Marine and Lacustrine Carbonates. Reviews in Mineralogy and Geochemistry, 2003, 52, 363-405.	2.2	137
90	A high-resolution record of atmospheric 14C based on Hulu Cave speleothem H82. Quaternary Science Reviews, 2012, 33, 32-41.	1.4	136

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91	Climate variations of Central Asia on orbital to millennial timescales. Scientific Reports, 2016, 6, 36975.	1.6	136
92	Quaternary ecological and geomorphic changes associated with rainfall events in presently semi-arid northeastern Brazil. Journal of Quaternary Science, 2004, 19, 693-701.	1.1	134
93	Selection and Treatment of Data for Radiocarbon Calibration: An Update to the International Calibration (IntCal) Criteria. Radiocarbon, 2013, 55, 1923-1945.	0.8	134
94	Stalagmite evidence from Belize indicating significant droughts at the time of Preclassic Abandonment, the Maya Hiatus, and the Classic Maya collapse. Palaeogeography, Palaeoclimatology, Palaeoecology, 2007, 250, 1-17.	1.0	130
95	Paleoclimate reconstruction in the Levant region from the geochemistry of a Holocene stalagmite from the Jeita cave, Lebanon. Quaternary Research, 2008, 70, 368-381.	1.0	128
96	NALPS: a precisely dated European climate record 120â€“60 ka. Climate of the Past, 2011, 7, 1247-1259.	1.3	127
97	High-resolution absolute-dated Indian Monsoon record between 53 and 36 ka from Xiaobailong Cave, southwestern China. Geology, 2006, 34, 621.	2.0	125
98	High-resolution variability of the South American summer monsoon over the last seven millennia: insights from a speleothem record from the central Peruvian Andes. Quaternary Science Reviews, 2013, 75, 1-10.	1.4	124
99	Holocene moisture changes in western China, Central Asia, inferred from stalagmites. Quaternary Science Reviews, 2017, 158, 15-28.	1.4	124
100	Long-term trend and abrupt events of the Holocene Asian monsoon inferred from a stalagmite Î´10O record from Shennongjia in Central China. Science Bulletin, 2006, 51, 221-228.	1.7	123
101	Land surface temperature changes in Northern Iberia since 4000yrBP, based on Î´13C of speleothems. Global and Planetary Change, 2011, 77, 1-12.	1.6	122
102	Potential role of winter rainfall in explaining increased moisture in the Mediterranean and Middle East during periods of maximum orbitally-forced insolation seasonality. Climate Dynamics, 2014, 42, 1079-1095.	1.7	122
103	Timing and structure of the Younger Dryas event and its underlying climate dynamics. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 23408-23417.	3.3	119
104	Quaternary glaciation and hydrologic variation in the South American tropics as reconstructed from the Lake Titicaca drilling project. Quaternary Research, 2007, 68, 410-420.	1.0	117
105	A high-resolution history of the South American Monsoon from Last Glacial Maximum to the Holocene. Scientific Reports, 2017, 7, 44267.	1.6	117
106	Abrupt variations in South American monsoon rainfall during the Holocene based on a speleothem record from central-eastern Brazil. Geology, 2011, 39, 1075-1078.	2.0	116
107	Coupling of Indo-Pacific climate variability over the last millennium. Nature, 2020, 579, 385-392.	13.7	116
108	Maximum sea levels for the last glacial period from U-series ages of submerged speleothems. Nature, 1994, 367, 357-360.	13.7	110

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109	Sequence of mammalian fossils, including hominoid teeth, from the Bubing Basin caves, South China. Journal of Human Evolution, 2007, 52, 370-379.	1.3	109
110	U/Th-dating living and young fossil corals from the central tropical Pacific. Earth and Planetary Science Letters, 2003, 210, 91-103.	1.8	107
111	Summer monsoon precipitation variations in central China over the past 750years derived from a high-resolution absolute-dated stalagmite. Palaeogeography, Palaeoclimatology, Palaeoecology, 2009, 280, 432-439.	1.0	106
112	Dating earthquakes with high-precision thorium-230 ages of very young corals. Earth and Planetary Science Letters, 1988, 90, 371-381.	1.8	102
113	Paleogeodetic records of seismic and aseismic subduction from central Sumatran microatolls, Indonesia. Journal of Geophysical Research, 2004, 109, .	3.3	101
114	High-resolution Holocene South American monsoon history recorded by a speleothem from BotuverÃ¡ Cave, Brazil. Earth and Planetary Science Letters, 2016, 450, 186-196.	1.8	101
115	Timing and structure of the Younger Dryas event in northern China. Quaternary Science Reviews, 2012, 41, 83-93.	1.4	96
116	Multidecadal climate variability in Brazil's Nordeste during the last 3000 years based on speleothem isotope records. Geophysical Research Letters, 2012, 39, .	1.5	96
117	Timing and structure of Megaâ€SACZ events during Heinrich Stadial 1. Geophysical Research Letters, 2015, 42, 5477.	1.5	93
118	Centennial- to decadal-scale monsoon precipitation variations in the upper Hanjiang River region, China over the past 6650 years. Earth and Planetary Science Letters, 2018, 482, 580-590.	1.8	93
119	High resolution monsoon precipitation changes on southeastern Tibetan Plateau over the past 2300 years. Quaternary Science Reviews, 2018, 195, 122-132.	1.4	93
120	Seasonal and interannual variability of the Mid-Holocene East Asian monsoon in coral Î´18O records from the South China Sea. Earth and Planetary Science Letters, 2005, 237, 69-84.	1.8	91
121	Accelerated drawdown of meridional overturning in the late-glacial Atlantic triggered by transient pre-H event freshwater perturbation. Geophysical Research Letters, 2006, 33, .	1.5	89
122	Geochronology of late Pleistocene to Holocene speleothemsfrom central Texas: Implications for regional paleoclimate. Bulletin of the Geological Society of America, 2001, 113, 1532-1543.	1.6	87
123	Atmospheric ¹⁴ C/ ¹² C changes during the last glacial period from Hulu Cave. Science, 2018, 362, 1293-1297.	6.0	86
124	Time-scales of Differentiation from Mafic Parents to Rhyolite in North American Continental Arcs. Journal of Petrology, 2003, 44, 1703-1726.	1.1	85
125	Enhanced El NiÃ±oâ€“Southern Oscillation Variability in Recent Decades. Geophysical Research Letters, 2020, 47, e2019GL083906.	1.5	85
126	South American monsoon response to iceberg discharge in the North Atlantic. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3788-3793.	3.3	84

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127	Dissolved and particulate 231 Pa and 230 Th in the Atlantic Ocean: constraints on intermediate/deep water age, boundary scavenging, and 231 Pa/ 230 Th fractionation. Earth and Planetary Science Letters, 2002, 203, 999-1014.	1.8	83
128	Uranium-series coral ages from the US Atlantic Coastal Plainâ€“the â€œ80ka problemâ€•revisited. Quaternary International, 2004, 120, 3-14.	0.7	83
129	A new perspective on the hydroclimate variability in northern South America during the Little Ice Age. Geophysical Research Letters, 2009, 36, .	1.5	83
130	Intensity of Th and Pa scavenging partitioned by particle chemistry in the North Atlantic Ocean. Marine Chemistry, 2015, 170, 49-60.	0.9	83
131	Uranium-thorium-protactinium dating systematics. Geochimica Et Cosmochimica Acta, 1998, 62, 3437-3452.	1.6	82
132	Speleothem climate records from deep time? Exploring the potential with an example from the Permian. Geology, 2010, 38, 455-458.	2.0	82
133	High-precision U-series dating of Locality 1 at Zhoukoudian, China. Journal of Human Evolution, 2001, 41, 679-688.	1.3	81
134	Central Europe temperature constrained by speleothem fluid inclusion water isotopes over the past 14,000 years. Science Advances, 2019, 5, eaav3809.	4.7	81
135	Collapse of the Liangzhu and other Neolithic cultures in the lower Yangtze region in response to climate change. Science Advances, 2021, 7, eabi9275.	4.7	81
136	The Transpolar Drift as a Source of Riverine and Shelfâ€Derived Trace Elements to the Central Arctic Ocean. Journal of Geophysical Research: Oceans, 2020, 125, e2019JC015920.	1.0	80
137	A High-Resolution Radiocarbon Calibration Between 11,700 and 12,400 Calendar Years Bp Derived from ²³⁰Th Ages of Corals from Espiritu Santo Island, Vanuatu. Radiocarbon, 1998, 40, 1093-1105.	0.8	79
138	230Th and 231Pa on GEOTRACES GA03, the U.S. GEOTRACES North Atlantic transect, and implications for modern and paleoceanographic chemical fluxes. Deep-Sea Research Part II: Topical Studies in Oceanography, 2015, 116, 29-41.	0.6	79
139	Multi-speleothem record reveals tightly coupled climate between central Europe and Greenland during Marine Isotope Stage 3. Geology, 2014, 42, 1043-1046.	2.0	77
140	High-resolution temporal record of Holocene ground-water chemistry: Tracing links between climate and hydrology. Geology, 1996, 24, 1049.	2.0	76
141	Rapid forearc uplift and subsidence caused by impinging bathymetric features: Examples from the New Hebrides and Solomon arcs. Tectonics, 2005, 24, n/a-n/a.	1.3	75
142	Precipitation evolution of Central Asia during the last 5000 years. Holocene, 2017, 27, 142-154.	0.9	75
143	Distribution of 230Th in the Labrador Sea and its relation to ventilation. Earth and Planetary Science Letters, 1997, 150, 151-160.	1.8	74
144	Large variations of oxygen isotopes in precipitation over south-central Tibet during Marine Isotope Stage 5. Geology, 2010, 38, 243-246.	2.0	73

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145	Rainfall variations in central Indo-Pacific over the past 2,700 y. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 17201-17206.	3.3	73
146	Decreasing monsoon precipitation in southwest China during the last 240Âyears associated with the warming of tropical ocean. Climate Dynamics, 2017, 48, 1769-1778.	1.7	72
147	A data-model comparison pinpoints Holocene spatiotemporal pattern of East Asian summer monsoon. Quaternary Science Reviews, 2021, 261, 106911.	1.4	72
148	Radiocarbon Calibration and Comparison to 50 Kyr BP with Paired ¹⁴C and ²³⁰Th Dating of Corals from Vanuatu and Papua New Guinea. Radiocarbon, 2004, 46, 1127-1160.	0.8	71
149	Abrupt change of Antarctic moisture origin at the end of Termination II. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 12091-12094.	3.3	71
150	Centennial-scale solar forcing of the South American Monsoon System recorded in stalagmites. Scientific Reports, 2016, 6, 24762.	1.6	71
151	Early maximum extent of paleoglaciers from Mediterranean mountains during the last glaciation. Scientific Reports, 2013, 3, 2034.	1.6	70
152	Uâ€“Th systematics and 230Th ages of carbonate chimneys at the Lost City Hydrothermal Field. Geochimica Et Cosmochimica Acta, 2011, 75, 1869-1888.	1.6	68
153	The Asian Summer Monsoon: Teleconnections and Forcing Mechanismsâ€”A Review from Chinese Speleothem Î´18O Records. Quaternary, 2019, 2, 26.	1.0	68
154	No consistent ENSO response to volcanic forcing over the last millennium. Science, 2020, 367, 1477-1481.	6.0	68
155	Mass Spectrometric ¹⁴C and U-Th Measurements in Coral. Radiocarbon, 1992, 34, 611-618.	0.8	67
156	Continuous reef growth during the last 23calkyr BP in a tectonically active zone (Vanuatu,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Tc	1.4	67
157	A Speleothem Record of Younger Dryas Cooling, Klamath Mountains, Oregon, USA. Quaternary Research, 2005, 64, 249-256.	1.0	67
158	The Taravilla lake and tufa deposits (Central Iberian Range, Spain) as palaeohydrological and palaeoclimatic indicators. Palaeogeography, Palaeoclimatology, Palaeoecology, 2008, 259, 136-156.	1.0	67
159	Precise dating of abrupt shifts in the Asian Monsoon during the last deglaciation based on stalagmite data from Yamen Cave, Guizhou Province, China. Science China Earth Sciences, 2010, 53, 633-641.	2.3	67
160	Paleoclimate and growth rates of speleothems in the northwestern Iberian Peninsula over the last two glacial cycles. Quaternary Research, 2013, 80, 284-290.	1.0	67
161	Hydroclimate variability of the northwestern Amazon Basin near the Andean foothills of Peru related to the South American Monsoon System during the last 1600 years. Climate of the Past, 2014, 10, 1967-1981.	1.3	67
162	A high-resolved record of the Asian Summer Monsoon from Dongge Cave, China for the past 1200 years. Quaternary Science Reviews, 2015, 122, 250-257.	1.4	67

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163	Lake Level Reconstruction for 12.8â€“2.3 ka of the Ngangla Ring Tso Closed-Basin Lake System, Southwest Tibetan Plateau. Quaternary Research, 2015, 83, 66-79.	1.0	67
164	How well can we quantify dust deposition to the ocean?. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20150285.	1.6	66
165	Role of climate in the rise and fall of the Neo-Assyrian Empire. Science Advances, 2019, 5, eaax6656.	4.7	66
166	Radiocarbon Dating of Deep-Sea Corals. Radiocarbon, 2002, 44, 567-580.	0.8	65
167	Hydrological change in Southern Europe responding to increasing North Atlantic overturning during Greenland Stadial 1. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 6568-6572.	3.3	65
168	Evaluating the timing and structure of the 4.2â€‰ka event in the Indian summer monsoon domain from an annually resolved speleothem record from Northeast India. Climate of the Past, 2018, 14, 1869-1879.	1.3	64
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