

# Chris S M Turney

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/829351/chris-s-m-turney-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

225  
papers

23,542  
citations

55  
h-index

152  
g-index

286  
ext. papers

25,823  
ext. citations

6.3  
avg, IF

6.73  
L-index

#	Paper	IF	Citations
225	IntCal13 and Marine13 Radiocarbon Age Calibration Curves 0 to 50,000 Years cal BP. <i>Radiocarbon</i> , <b>2013</b> , 55, 1869-1887	4.6	8493
224	IntCal09 and Marine09 Radiocarbon Age Calibration Curves, 0 to 50,000 Years cal BP. <i>Radiocarbon</i> , <b>2009</b> , 51, 1111-1150	4.6	3790
223	SHCal13 Southern Hemisphere Calibration, 0 to 50,000 Years cal BP. <i>Radiocarbon</i> , <b>2013</b> , 55, 1889-1903	4.6	1309
222	Continental-scale temperature variability during the past two millennia. <i>Nature Geoscience</i> , <b>2013</b> , 6, 339-346	8.1	787
221	Changes in fire regimes since the Last Glacial Maximum: an assessment based on a global synthesis and analysis of charcoal data. <i>Climate Dynamics</i> , <b>2008</b> , 30, 887-907	4.2	487
220	Archaeology and age of a new hominin from Flores in eastern Indonesia. <i>Nature</i> , <b>2004</b> , 431, 1087-91	50.4	342
219	The 'human revolution' in lowland tropical Southeast Asia: the antiquity and behavior of anatomically modern humans at Niah Cave (Sarawak, Borneo). <i>Journal of Human Evolution</i> , <b>2007</b> , 52, 243-61	3.1	312
218	SHCal20 Southern Hemisphere Calibration, 0 to 55,000 Years cal BP. <i>Radiocarbon</i> , <b>2020</b> , 62, 759-778	4.6	253
217	Radiocarbon Dating of Old Charcoal Using a Wet Oxidation, Stepped-Combustion Procedure. <i>Radiocarbon</i> , <b>1999</b> , 41, 127-140	4.6	252
216	A new and less destructive laboratory procedure for the physical separation of distal glass tephra shards from sediments. <i>Quaternary Science Reviews</i> , <b>2005</b> , 24, 1952-1960	3.9	222
215	The aftermath of megafaunal extinction: ecosystem transformation in Pleistocene Australia. <i>Science</i> , <b>2012</b> , 335, 1483-6	33.3	218
214	PALEOECOLOGY. Abrupt warming events drove Late Pleistocene Holarctic megafaunal turnover. <i>Science</i> , <b>2015</b> , 349, 602-6	33.3	217
213	Early Human Occupation at Devil's Lair, Southwestern Australia 50,000 Years Ago. <i>Quaternary Research</i> , <b>2001</b> , 55, 3-13	1.9	214
212	Synchronisation of palaeoenvironmental records over the last 60,000 years, and an extended INTIMATE event stratigraphy to 48,000 b2k. <i>Quaternary Science Reviews</i> , <b>2012</b> , 36, 2-10	3.9	204
211	Millennial and orbital variations of El Niño/Southern Oscillation and high-latitude climate in the last glacial period. <i>Nature</i> , <b>2004</b> , 428, 306-10	50.4	190
210	Extraction of rhyolitic component of Vedde microtephra from minerogenic lake sediments <b>1998</b> , 19, 199-206		186
209	A global multiproxy database for temperature reconstructions of the Common Era. <i>Scientific Data</i> , <b>2017</b> , 4, 170088	8.2	171

208	Does the Agulhas Current amplify global temperatures during super-interglacials?. <i>Journal of Quaternary Science</i> , <b>2010</b> , 25, 839-843	2.3	136
207	The use of microtephra horizons to correlate Late-glacial lake sediment successions in Scotland <b>1997</b> , 12, 525-531		127
206	Aboriginal mitogenomes reveal 50,000 years of regionalism in Australia. <i>Nature</i> , <b>2017</b> , 544, 180-184	50.4	122
205	Selection and Treatment of Data for Radiocarbon Calibration: An Update to the International Calibration (IntCal) Criteria. <i>Radiocarbon</i> , <b>2013</b> , 55, 1923-1945	4.6	111
204	Catastrophic early Holocene sea level rise, human migration and the Neolithic transition in Europe. <i>Quaternary Science Reviews</i> , <b>2007</b> , 26, 2036-2041	3.9	102
203	When did first reach Southeast Asia and Sahul?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 8482-8490	11.5	100
202	Tephrochronology of last termination sequences in Europe: a protocol for improved analytical precision and robust correlation procedures (a joint SCOTAVINTIMATE proposal). <i>Journal of Quaternary Science</i> , <b>2004</b> , 19, 111-120	2.3	93
201	Drought variability in the eastern Australia and New Zealand summer drought atlas (ANZDA, CE 1500-2012) modulated by the Interdecadal Pacific Oscillation. <i>Environmental Research Letters</i> , <b>2015</b> , 10, 124002	6.2	92
200	Redating the onset of burning at Lynch's Crater (North Queensland): implications for human settlement in Australia. <i>Journal of Quaternary Science</i> , <b>2001</b> , 16, 767-771	2.3	92
199	Climate change not to blame for late Quaternary megafauna extinctions in Australia. <i>Nature Communications</i> , <b>2016</b> , 7, 10511	17.4	91
198	Devensian Lateglacial environmental changes in Britain: a multi-proxy environmental record from Llanilid, South Wales, UK. <i>Quaternary Science Reviews</i> , <b>2003</b> , 22, 475-520	3.9	87
197	Radiocarbon analysis of the early archaeological site of Nauwalabila I, Arnhem Land, Australia: implications for sample suitability and stratigraphic integrity. <i>Quaternary Science Reviews</i> , <b>2002</b> , 21, 1061-1075	2.9	86
196	Towards a European tephrochronological framework for Termination 1 and the Early Holocene. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2002</b> , 360, 767-802	3	84
195	The chronology of palaeoenvironmental changes during the Last Glacial-Holocene transition: towards an event stratigraphy for the British Isles. <i>Journal of the Geological Society</i> , <b>1999</b> , 156, 397-410	2.7	84
194	Late-surviving megafauna in Tasmania, Australia, implicate human involvement in their extinction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 12150-3	11.5	83
193	Implications for the Dating of Wisconsinan (Weichselian) Late-Glacial Events of Systematic Radiocarbon Age Differences between Terrestrial Plant Macrofossils from a Site in SW Ireland. <i>Quaternary Research</i> , <b>2000</b> , 53, 114-121	1.9	82
192	Synergistic roles of climate warming and human occupation in Patagonian megafaunal extinctions during the Last Deglaciation. <i>Science Advances</i> , <b>2016</b> , 2, e1501682	14.3	81
191	Sediment mixing at Nonda Rock: investigations of stratigraphic integrity at an early archaeological site in northern Australia and implications for the human colonisation of the continent. <i>Journal of Quaternary Science</i> , <b>2007</b> , 22, 449-479	2.3	79

190	Carbon isotope fractionation in wood during carbonization. <i>Geochimica Et Cosmochimica Acta</i> , <b>2006</b> , 70, 960-964	5.5	79
189	Human-Environment interactions in Australian drylands: exploratory time-series analysis of archaeological records. <i>Holocene</i> , <b>2008</b> , 18, 389-401	2.6	77
188	Widespread dispersal of Icelandic tephra: how does the Eyjafjöll eruption of 2010 compare to past Icelandic events?. <i>Journal of Quaternary Science</i> , <b>2010</b> , 25, 605-611	2.3	76
187	Radiocarbon dating of charcoal from tropical sequences: results from the Niah Great Cave, Sarawak, and their broader implications. <i>Journal of Quaternary Science</i> , <b>2009</b> , 24, 189-197	2.3	74
186	Divergent trends in land and ocean temperature in the Southern Ocean over the past 18,000 years. <i>Nature Geoscience</i> , <b>2010</b> , 3, 622-626	18.3	73
185	Integration of ice-core, marine and terrestrial records for the Australian Last Glacial Maximum and Termination: a contribution from the OZ INTIMATE group. <i>Journal of Quaternary Science</i> , <b>2006</b> , 21, 751-767	2.3	72
184	A continental narrative: Human settlement patterns and Australian climate change over the last 35,000 years. <i>Quaternary Science Reviews</i> , <b>2015</b> , 123, 91-112	3.9	69
183	North European last glacial-interglacial transition (LGIT; 150 ka) tephrochronology: extended limits and new events. <i>Journal of Quaternary Science</i> , <b>2006</b> , 21, 335-345	2.3	69
182	Testing solar forcing of pervasive Holocene climate cycles. <i>Journal of Quaternary Science</i> , <b>2005</b> , 20, 511-518	2.3	69
181	Detection of Lateglacial distal tephra layers in the Netherlands. <i>Boreas</i> , <b>2005</b> , 34, 123-135	2.4	68
180	Asynchronous climate change between New Zealand and the North Atlantic during the last deglaciation. <i>Geology</i> , <b>2003</b> , 31, 223	5	66
179	Identification and significance of a visible, basalt-rich Vedde Ash layer in a Late-glacial sequence on the Isle of Skye, Inner Hebrides, Scotland. <i>Journal of Quaternary Science</i> , <b>2001</b> , 16, 99-104	2.3	65
178	Geochronology of cave deposits at Liang Bua and of adjacent river terraces in the Wae Racang valley, western Flores, Indonesia: a synthesis of age estimates for the type locality of <i>Homo floresiensis</i> . <i>Journal of Human Evolution</i> , <b>2009</b> , 57, 484-502	3.1	62
177	Holocene Demographic Changes and the Emergence of Complex Societies in Prehistoric Australia. <i>PLoS ONE</i> , <b>2015</b> , 10, e0128661	3.7	61
176	Climatic variability in the southwest Pacific during the Last Termination (2000 kyr BP). <i>Quaternary Science Reviews</i> , <b>2006</b> , 25, 886-903	3.9	60
175	Was there a 8.2 ka event in Great Britain and Ireland? Evidence from the peatland record. <i>Quaternary Science Reviews</i> , <b>2014</b> , 83, 11-27	3.9	58
174	Using the Paleorecord to Evaluate Climate and Fire Interactions in Australia. <i>Annual Review of Earth and Planetary Sciences</i> , <b>2007</b> , 35, 215-239	15.3	57
173	Humans rather than climate the primary cause of Pleistocene megafaunal extinction in Australia. <i>Nature Communications</i> , <b>2017</b> , 8, 14142	17.4	56

172	Vedde Ash layer discovered in a small lake basin on the Scottish mainland. <i>Journal of the Geological Society</i> , <b>1997</b> , 154, 605-612	2.7	56
171	ENSO influence on Holocene Aboriginal populations in Queensland, Australia. <i>Journal of Archaeological Science</i> , <b>2006</b> , 33, 1744-1748	2.9	55
170	New discoveries of the Vedde Ash in southern Sweden and Scotland. <i>Boreas</i> , <b>2008</b> , 29, 72-78	2.4	52
169	Climate, people and faunal succession on Java, Indonesia: evidence from Song Gupuh. <i>Journal of Archaeological Science</i> , <b>2008</b> , 35, 1776-1789	2.9	50
168	Distal volcanic ash layers in the Lateglacial Interstadial (GI-1): problems of stratigraphic discrimination. <i>Quaternary Science Reviews</i> , <b>2008</b> , 27, 72-84	3.9	50
167	Sea-level change and demography during the last glacial termination and early Holocene across the Australian continent. <i>Quaternary Science Reviews</i> , <b>2018</b> , 182, 144-154	3.9	49
166	Ocean currents generate large footprints in marine palaeoclimate proxies. <i>Nature Communications</i> , <b>2015</b> , 6, 6521	17.4	48
165	Robust estimates of extinction time in the geological record. <i>Quaternary Science Reviews</i> , <b>2012</b> , 33, 14-19.9	3.9	48
164	Holocene climatic change and past Irish societal response. <i>Journal of Archaeological Science</i> , <b>2006</b> , 33, 34-38	2.9	48
163	Climate variations in Britain during the Last Glacial-Holocene transition (15.0±1.5 cal ka bp): comparison with the GRIP ice-core record. <i>Journal of the Geological Society</i> , <b>1999</b> , 156, 411-423	2.7	48
162	The bigger picture: towards integrating palaeoclimate and environmental data with a history of societal change. <i>Journal of Quaternary Science</i> , <b>2010</b> , 25, 88-93	2.3	47
161	Chironomid-inferred late-glacial summer air temperatures from Lough Nadourcan, Co. Donegal, Ireland. <i>Journal of Quaternary Science</i> , <b>2010</b> , 25, 1200-1210	2.3	45
160	Interpreting stable-isotope records from freshwater snail-shell carbonate: a Holocene case study from Lake Gölhisar, Turkey. <i>Holocene</i> , <b>2002</b> , 12, 629-634	2.6	45
159	Global Peak in Atmospheric Radiocarbon Provides a Potential Definition for the Onset of the Anthropocene Epoch in 1965. <i>Scientific Reports</i> , <b>2018</b> , 8, 3293	4.9	44
158	Late-glacial and Holocene vegetation and climatic history of the Cass Basin, central South Island, New Zealand. <i>Quaternary Research</i> , <b>2004</b> , 62, 267-279	1.9	43
157	The 5.2 ka climate event: Evidence from stable isotope and multi-proxy palaeoecological peatland records in Ireland. <i>Quaternary Science Reviews</i> , <b>2015</b> , 124, 209-223	3.9	42
156	Dating ancient wood by high-sensitivity liquid scintillation counting and accelerator mass spectrometry: Pushing the boundaries. <i>Quaternary Geochronology</i> , <b>2006</b> , 1, 241-248	2.7	40
155	Radiocarbon Dating of the Human Occupation of Australia Prior to 40 ka BP: Successes and Pitfalls. <i>Radiocarbon</i> , <b>2001</b> , 43, 1139-1145	4.6	40

154	Testing the sensitivity of the East Antarctic Ice Sheet to Southern Ocean dynamics: past changes and future implications. <i>Journal of Quaternary Science</i> , <b>2014</b> , 29, 91-98	2.3	39
153	Extension of New Zealand kauri ( <i>Agathis australis</i> ) tree-ring chronologies into Oxygen Isotope Stage (OIS) 3. <i>Journal of Quaternary Science</i> , <b>2006</b> , 21, 779-787	2.3	39
152	Evolution and extinction of the giant rhinoceros <i>Elasmotherium sibiricum</i> sheds light on late Quaternary megafaunal extinctions. <i>Nature Ecology and Evolution</i> , <b>2019</b> , 3, 31-38	12.3	39
151	The potential of New Zealand kauri ( <i>Agathis australis</i> ) for testing the synchronicity of abrupt climate change during the Last Glacial Interval (60,000–11,700 years ago). <i>Quaternary Science Reviews</i> , <b>2010</b> , 29, 3677-3682	3.9	38
150	Connecting the Greenland ice-core and U/Th timescales via cosmogenic radionuclides: testing the synchronicity of Dansgaard-Oeschger events. <i>Climate of the Past</i> , <b>2018</b> , 14, 1755-1781	3.9	38
149	Sensitivity of the Southern Ocean to enhanced regional Antarctic ice sheet meltwater input. <i>Earth's Future</i> , <b>2015</b> , 3, 317-329	7.9	36
148	The New Zealand Kauri ( <i>Agathis Australis</i> ) Research Project: A Radiocarbon Dating Intercomparison of Younger Dryas Wood and Implications for IntCal13. <i>Radiocarbon</i> , <b>2013</b> , 55, 2035-2048	4.6	36
147	What caused extinction of the Pleistocene megafauna of Sahul?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2016</b> , 283,	4.4	34
146	Uncertainties in dating constrain model choice for inferring extinction time from fossil records. <i>Quaternary Science Reviews</i> , <b>2015</b> , 112, 128-137	3.9	34
145	Using dung fungi to interpret decline and extinction of megaherbivores: problems and solutions. <i>Quaternary Science Reviews</i> , <b>2015</b> , 110, 107-113	3.9	33
144	The use of magnetic separation techniques to detect basaltic microtephra in last glacial-interglacial transition (LGIT; 15–10 ka cal. bp) sediment sequences in Scotland. <i>Scottish Journal of Geology</i> , <b>2002</b> , 38, 21-30	1.4	33
143	Tree Rings Show Recent High Summer-Autumn Precipitation in Northwest Australia Is Unprecedented within the Last Two Centuries. <i>PLoS ONE</i> , <b>2015</b> , 10, e0128533	3.7	33
142	Geochemical characterization of Quaternary tephra from the Campanian Province, Italy. <i>Quaternary International</i> , <b>2008</b> , 178, 288-305	2	32
141	Deriving a consistent $\delta^{13}C$ signature from tree canopy leaf material for palaeoclimatic reconstruction. <i>New Phytologist</i> , <b>2002</b> , 155, 301-311	9.8	32
140	Early Last Interglacial ocean warming drove substantial ice mass loss from Antarctica. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 3996-4006	11.5	30
139	A 250-year periodicity in Southern Hemisphere westerly winds over the last 2600 years. <i>Climate of the Past</i> , <b>2016</b> , 12, 189-200	3.9	30
138	Antarctic ice sheet discharge driven by atmosphere-ocean feedbacks at the Last Glacial Termination. <i>Scientific Reports</i> , <b>2017</b> , 7, 39979	4.9	29
137	A global environmental crisis 42,000 years ago. <i>Science</i> , <b>2021</b> , 371, 811-818	33.3	28

136	Criteria for assessing the quality of Middle Pleistocene to Holocene vertebrate fossil ages. <i>Quaternary Geochronology</i> , <b>2015</b> , 30, 69-79	2.7	27
135	Catchment instability and Asian summer monsoon variability during the early Holocene in southwestern China. <i>Boreas</i> , <b>2013</b> , 42, 224-235	2.4	26
134	Radiocarbon dating of organic- and carbonate-carbon in Genyornis and Dromaius eggshell using stepped combustion and stepped acidification. <i>Quaternary Science Reviews</i> , <b>2003</b> , 22, 1805-1812	3.9	26
133	Development of a Robust <sup>14</sup> C Chronology for Lynch's Crater (North Queensland, Australia) Using Different Pretreatment Strategies. <i>Radiocarbon</i> , <b>2001</b> , 43, 45-54	4.6	26
132	Decadally Resolved Lateglacial Radiocarbon Evidence from New Zealand Kauri. <i>Radiocarbon</i> , <b>2016</b> , 58, 709-733	4.6	26
131	Redating the advance of the New Zealand Franz Josef Glacier during the Last Termination: evidence for asynchronous climate change. <i>Quaternary Science Reviews</i> , <b>2007</b> , 26, 3037-3042	3.9	25
130	Estimating past leaf-to-air vapour pressure deficit from terrestrial plant $\delta^{13}C$ <b>1999</b> , 14, 437-442		25
129	High-Precision Radiocarbon Measurements of Tree-Ring Dated Wood from New Zealand: 195 BC AD 995. <i>Radiocarbon</i> , <b>2011</b> , 53, 529-542	4.6	24
128	Towards a Radiocarbon Calibration for Oxygen Isotope Stage 3 Using New Zealand Kauri (Agathis Australis). <i>Radiocarbon</i> , <b>2007</b> , 49, 447-457	4.6	24
127	Impacts of high inter-annual variability of rainfall on a century of extreme hydrologic regime of northwest Australia. <i>Hydrology and Earth System Sciences</i> , <b>2015</b> , 19, 2057-2078	5.5	23
126	Elemental $\delta^{13}C$ at Allen's Cave, Nullarbor Plain, Australia: assessing post-depositional disturbance and reconstructing past environments. <i>Journal of Quaternary Science</i> , <b>2001</b> , 16, 779-784	2.3	23
125	A new flow cytometry method enabling rapid purification of fossil pollen from terrestrial sediments for AMS radiocarbon dating. <i>Journal of Quaternary Science</i> , <b>2013</b> , 28, 229-236	2.3	22
124	Punctuated Shutdown of Atlantic Meridional Overturning Circulation during Greenland Stadial 1. <i>Scientific Reports</i> , <b>2016</b> , 6, 25902	4.9	22
123	Assessing the continuity of the blue ice climate record at Patriot Hills, Horseshoe Valley, West Antarctica. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 2019-2026	4.9	20
122	Drivers of abrupt Holocene shifts in West Antarctic ice stream direction determined from combined ice sheet modelling and geologic signatures. <i>Antarctic Science</i> , <b>2014</b> , 26, 674-686	1.7	20
121	Tropical forcing of increased Southern Ocean climate variability revealed by a 140-year subantarctic temperature reconstruction. <i>Climate of the Past</i> , <b>2017</b> , 13, 231-248	3.9	20
120	Obliquity Control On Southern Hemisphere Climate During The Last Glacial. <i>Scientific Reports</i> , <b>2015</b> , 5, 11673	4.9	20
119	Lateglacial and early Holocene palaeoenvironmental events in Sluggan Bog, Northern Ireland: comparisons with the Greenland NGRIP GICC05 event stratigraphy. <i>Quaternary Science Reviews</i> , <b>2012</b> , 36, 124-138	3.9	20



118	Bayesian Evaluation of the Southern Hemisphere Radiocarbon Offset during the Holocene. <i>Radiocarbon</i> , <b>2009</b> , 51, 1165-1176	4.6	20
117	High-precision dating and correlation of ice, marine and terrestrial sequences spanning Heinrich Event 3: Testing mechanisms of interhemispheric change using New Zealand ancient kauri ( <i>Agathis australis</i> ). <i>Quaternary Science Reviews</i> , <b>2016</b> , 137, 126-134	3.9	20
116	Evidence for extreme floods in arid subtropical northwest Australia during the Little Ice Age chronozone (CE 1400–1850). <i>Quaternary Science Reviews</i> , <b>2016</b> , 144, 107-122	3.9	19
115	Holocene environmental change at Lake Shudu, Yunnan Province, southwestern China. <i>Hydrobiologia</i> , <b>2012</b> , 693, 223-235	2.4	19
114	Stable carbon isotope variations in northwest Europe during the last glacial–interglacial transition <b>1997</b> , 12, 339-344		19
113	Archaeology: progress and pitfalls in radiocarbon dating. <i>Nature</i> , <b>2006</b> , 443, E3; discussion E4	50.4	19
112	Does the El Niño Southern Oscillation control the interhemispheric radiocarbon offset?. <i>Quaternary Research</i> , <b>2007</b> , 67, 174-180	1.9	18
111	IPCC and palaeoclimate: an evolving story?. <i>Journal of Quaternary Science</i> , <b>2010</b> , 25, 1-4	2.3	17
110	Environmental change and the arrival of people in the Australian region <b>2006</b> , 2006, 1-24		17
109	Lacustrine Bulk Organic $\delta^{13}C$ in the British Isles during the Last Glacial-Holocene Transition (14.9 ka 14C BP)		17
108	Anomalous mid-twentieth century atmospheric circulation change over the South Atlantic compared to the last 6000 years. <i>Environmental Research Letters</i> , <b>2016</b> , 11, 064009	6.2	17
107	Effects of sea-ice cover on marine benthic communities: a natural experiment in Commonwealth Bay, East Antarctica. <i>Polar Biology</i> , <b>2015</b> , 38, 1213-1222	2	16
106	Redating the earliest evidence of the mid-Holocene relative sea-level highstand in Australia and implications for global sea-level rise. <i>PLoS ONE</i> , <b>2019</b> , 14, e0218430	3.7	16
105	Non-uniform interhemispheric temperature trends over the past 550 years. <i>Climate Dynamics</i> , <b>2010</b> , 35, 1429-1438	4.2	16
104	Volcanic Ash Deposition and Long-Term Vegetation Change on Subantarctic Marion Island. <i>Arctic, Antarctic, and Alpine Research</i> , <b>2007</b> , 39, 500-511	1.8	16
103	Lacustrine Bulk Organic $\delta^{13}C$ in the British Isles during the Last Glacial-Holocene Transition (14.9 ka 14C BP). <i>Arctic, Antarctic, and Alpine Research</i> , <b>1999</b> , 31, 71-81	1.8	16
102	ATMOSPHERIC RADIOCARBON FOR THE PERIOD 1950–2019. <i>Radiocarbon</i> , 1-23	4.6	16
101	Urgent need for an integrated policy framework for biodiversity loss and climate change. <i>Nature Ecology and Evolution</i> , <b>2020</b> , 4, 996	12.3	15



100	The scientific value and potential of New Zealand swamp kauri. <i>Quaternary Science Reviews</i> , <b>2018</b> , 183, 124-139	3.9	15
99	The paleoclimate context and future trajectory of extreme summer hydroclimate in eastern Australia. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2016</b> , 121, 12820-12838	4.4	15
98	Millennial-scale variability in south-east Australian hydroclimate between 30,000 and 10,000 years ago. <i>Quaternary Science Reviews</i> , <b>2018</b> , 192, 106-122	3.9	15
97	Problems with identifying the 8200-year cold event in terrestrial records of the Atlantic seaboard: a case study from Dooagh, Achill Island, Ireland. <i>Journal of Quaternary Science</i> , <b>2007</b> , 22, 65-75	2.3	15
96	New Abox Ams-14C Ages Remove Dating Anomalies At Punitjarra Rock Shelter. <i>Australian Archaeology</i> , <b>2001</b> , 53, 45-47	0.8	15
95	Widespread Denisovan ancestry in Island Southeast Asia but no evidence of substantial super-archaic hominin admixture. <i>Nature Ecology and Evolution</i> , <b>2021</b> , 5, 616-624	12.3	15
94	The impact of the giant iceberg B09B on population size and breeding success of Adlie penguins in Commonwealth Bay, Antarctica. <i>Antarctic Science</i> , <b>2016</b> , 28, 187-193	1.7	14
93	Pairwise surface drifter separation in the western Pacific sector of the Southern Ocean. <i>Journal of Geophysical Research: Oceans</i> , <b>2015</b> , 120, 6769-6781	3.3	14
92	Evidence for suppressed mid-Holocene northeastern Australian monsoon variability from coral luminescence. <i>Paleoceanography</i> , <b>2014</b> , 29, 581-594		14
91	The Eltanin asteroid impact: possible South Pacific palaeomegatsunami footprint and potential implications for the Pliocene-Pleistocene transition. <i>Journal of Quaternary Science</i> , <b>2012</b> , 27, 660-670	2.3	14
90	Is there any Evidence for Regional Atmospheric 14C Offsets in the Southern Hemisphere?. <i>Radiocarbon</i> , <b>2013</b> , 55, 2029-2034	4.6	14
89	Robust Radiocarbon Dating of Wood Samples by High-Sensitivity Liquid Scintillation Spectroscopy in the 5000 kyr Age Range. <i>Radiocarbon</i> , <b>2007</b> , 49, 379-391	4.6	14
88	Geochemical changes recorded in Lynch's Crater, Northeastern Australia, over the past 50 ka. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2006</b> , 233, 187-203	2.9	14
87	Intensification of Southern Hemisphere westerly winds 2000-1000 years ago: evidence from the subantarctic Campbell and Auckland Islands (52-60°S). <i>Journal of Quaternary Science</i> , <b>2016</b> , 31, 12-19	2.3	14
86	Reconstructing atmospheric circulation over southern New Zealand: Establishment of modern westerly airflow 5500 years ago and implications for Southern Hemisphere Holocene climate change. <i>Quaternary Science Reviews</i> , <b>2017</b> , 159, 77-87	3.9	13
85	Technical note: Optimizing the utility of combined GPR, OSL, and Lidar (GOaL) to extract paleoenvironmental records and decipher shoreline evolution. <i>Climate of the Past</i> , <b>2019</b> , 15, 389-404	3.9	13
84	Rapid global ocean-atmosphere response to Southern Ocean freshening during the last glacial. <i>Nature Communications</i> , <b>2017</b> , 8, 520	17.4	13
83	Late Pleistocene and early Holocene change in the Weddell Sea: a new climate record from the Patriot Hills, Ellsworth Mountains, West Antarctica. <i>Journal of Quaternary Science</i> , <b>2013</b> , 28, 697-704	2.3	13

82	Greenland ice mass loss during the Younger Dryas driven by Atlantic Meridional Overturning Circulation feedbacks. <i>Scientific Reports</i> , <b>2018</b> , 8, 11307	4.9	13
81	Palaeoclimate potential of New Zealand <i>Manoao colensoi</i> (silver pine) tree rings using Blue-Intensity (BI). <i>Dendrochronologia</i> , <b>2020</b> , 60, 125664	2.8	12
80	Wiggle-match radiocarbon dating of the Taupo eruption. <i>Nature Communications</i> , <b>2019</b> , 10, 4669	17.4	12
79	A 60 000-year record of environmental change for the Wet Tropics of north-eastern Australia based on the ODP 820 marine core. <i>Journal of Quaternary Science</i> , <b>2017</b> , 32, 704-716	2.3	12
78	Early warnings and missed alarms for abrupt monsoon transitions. <i>Climate of the Past</i> , <b>2015</b> , 11, 1621-1633	3.9	12
77	Impacts of marine instability across the East Antarctic Ice Sheet on Southern Ocean dynamics. <i>Cryosphere</i> , <b>2016</b> , 10, 2317-2328	5.5	12
76	Brief communication: Impacts of a developing polynya off Commonwealth Bay, East Antarctica, triggered by grounding of iceberg B09B. <i>Cryosphere</i> , <b>2016</b> , 10, 2603-2609	5.5	12
75	Progress in refining the global radiocarbon calibration curve using New Zealand kauri ( <i>Agathis australis</i> ) tree-ring series from Oxygen Isotope Stage 3. <i>Quaternary Geochronology</i> , <b>2015</b> , 27, 158-163	2.7	11
74	Southern Ocean carbon sink enhanced by sea-ice feedbacks at the Antarctic Cold Reversal. <i>Nature Geoscience</i> , <b>2020</b> , 13, 489-497	18.3	11
73	Tipping elements and amplified polar warming during the Last Interglacial. <i>Quaternary Science Reviews</i> , <b>2020</b> , 233, 106222	3.9	11
72	A comprehensive database of quality-rated fossil ages for Sahul's Quaternary vertebrates. <i>Scientific Data</i> , <b>2016</b> , 3, 160053	8.2	11
71	How to date natural archives of the Anthropocene. <i>Geology Today</i> , <b>2018</b> , 34, 182-187	0.4	11
70	Pleistocene glacial history of the New Zealand subantarctic islands. <i>Climate of the Past</i> , <b>2019</b> , 15, 423-448	3.9	10
69	A comparison of some simple methods used to detect unstable temperature responses in tree-ring chronologies. <i>Dendrochronologia</i> , <b>2018</b> , 48, 52-73	2.8	10
68	Obliquity-driven expansion of North Atlantic sea ice during the last glacial. <i>Geophysical Research Letters</i> , <b>2015</b> , 42, 10,382	4.9	10
67	The geochemical characterization and correlation of Late Holocene tephra layers at Ambra Crater and Kuk Swamp, Papua New Guinea. <i>Geological Journal</i> , <b>2009</b> , 44, 568-592	1.7	10
66	Multidecadal variations in Southern Hemisphere atmospheric $^{14}\text{C}$ : Evidence against a Southern Ocean sink at the end of the Little Ice Age $\text{CO}_2$ anomaly. <i>Global Biogeochemical Cycles</i> , <b>2016</b> , 30, 211-218	5.9	9
65	The characterization and significance of a MIS 5a distal tephra on mainland Australia. <i>Quaternary Science Reviews</i> , <b>2009</b> , 28, 1825-1830	3.9	9

64	A New Daily Observational Record from Grytviken, South Georgia: Exploring Twentieth-Century Extremes in the South Atlantic. <i>Journal of Climate</i> , <b>2018</b> , 31, 1743-1755	4.4	9
63	Evidence for increased expression of the Amundsen Sea Low over the South Atlantic during the late Holocene. <i>Climate of the Past</i> , <b>2018</b> , 14, 1727-1738	3.9	9
62	The Influence of Calibration Curve Construction and Composition on the Accuracy and Precision of Radiocarbon Wiggle-Matching of Tree Rings, Illustrated by Southern Hemisphere Atmospheric Data Sets from AD 1500-1950. <i>Radiocarbon</i> , <b>2019</b> , 61, 1265-1291	4.6	8
61	Investigating Subantarctic 14C Ages of Different Peat Components: Site and Sample Selection for Developing Robust Age Models in Dynamic Landscapes. <i>Radiocarbon</i> , <b>2019</b> , 61, 1009-1027	4.6	8
60	Long-term ecology resolves the timing, region of origin and process of establishment for a disputed alien tree. <i>AoB PLANTS</i> , <b>2015</b> , 7,	2.9	8
59	Extreme wet conditions coincident with Bronze Age abandonment of upland areas in Britain. <i>Anthropocene</i> , <b>2016</b> , 13, 69-79	3.9	8
58	The discovery of New Zealand's oldest shipwreck [possible evidence of further Dutch exploration of the South Pacific. <i>Journal of Archaeological Science</i> , <b>2014</b> , 42, 435-441	2.9	8
57	Palaeovolcanic forcing of short-term dendroisotopic depletion: The effect of decreased solar intensity on Irish oak. <i>Geophysical Research Letters</i> , <b>2005</b> , 32, n/a-n/a	4.9	8
56	A global mean sea surface temperature dataset for the Last Interglacial (129-116 ka) and contribution of thermal expansion to sea level change. <i>Earth System Science Data</i> , <b>2020</b> , 12, 3341-3356	10.5	8
55	Interpreting vegetation change in tropical arid ecosystems from sediment molecular fossils and their stable isotope compositions: A baseline study from the Pilbara region of northwest Australia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2016</b> , 459, 495-507	2.9	7
54	Delayed maximum northern European summer temperatures during the Last Interglacial as a result of Greenland Ice Sheet melt. <i>Geology</i> , <b>2017</b> , 45, 23-26	5	7
53	Tropical and mid-latitude forcing of continental Antarctic temperatures. <i>Cryosphere</i> , <b>2015</b> , 9, 2405-2415	5.5	7
52	Carbon Isotope Variations and Chronology of the Last Glacial-Interglacial Transition (14.9 ka BP). <i>Radiocarbon</i> , <b>1997</b> , 40, 873-881	4.6	7
51	RADIOCARBON PROTOCOLS AND FIRST INTERCOMPARISON RESULTS FROM THE CHRONOS 14CARBON-CYCLE FACILITY, UNIVERSITY OF NEW SOUTH WALES, SYDNEY, AUSTRALIA. <i>Radiocarbon</i> , <b>2021</b> , 63, 1003-1023	4.6	7
50	Introduction to the special issue 'Climate of the past 2000 years: regional and trans-regional syntheses' <i>Climate of the Past</i> , <b>2019</b> , 15, 611-615	3.9	6
49	Potential for tree rings to reveal spatial patterns of past drought variability across western Australia. <i>Environmental Research Letters</i> , <b>2018</b> , 13, 024020	6.2	6
48	Changes in El Niño Southern Oscillation (ENSO) conditions during the Greenland Stadial 1 (GS-1) chronozone revealed by New Zealand tree-rings. <i>Quaternary Science Reviews</i> , <b>2016</b> , 153, 139-155	3.9	6
47	Human activity was a major driver of the mid-Holocene vegetation change in southern Cumbria: implications for the elm decline in the British Isles. <i>Journal of Quaternary Science</i> , <b>2017</b> , 32, 934-945	2.3	6

46	Stratigraphy, pollen and 14C dating of Johnston's Gum Hole, a late Quaternary fossil kauri ( <i>Agathis australis</i> ) site, Northland, New Zealand. <i>Journal of Quaternary Science</i> , <b>2009</b> , 24, 47-59	2.3	6
45	Introduction: Integrating high-resolution past climate records for future prediction in the Australasian region. <i>Journal of Quaternary Science</i> , <b>2006</b> , 21, 679-680	2.3	6
44	Palaeoecological signatures of vegetation change induced by herbivory regime shifts on subantarctic Enderby Island. <i>Quaternary Science Reviews</i> , <b>2016</b> , 134, 51-58	3.9	5
43	Extending the observational record to provide new insights into invasive alien species in a coastal dune environment of New Zealand. <i>Applied Geography</i> , <b>2018</b> , 98, 100-109	4.4	5
42	Determining the timing and pattern of human colonisation in Australia: Proposals for radiocarbon dating Early9 sequences. <i>Australian Archaeology</i> , <b>2002</b> , 54, 1-5	0.8	5
41	The potential for extending Intcal04 using OIS-3 New Zealand sub-fossil Kauri. <i>PAGES News</i> , <b>2006</b> , 14, 11-12		4
40	One Thousand Three Hundred Years of Variability in the Position of the South Pacific Convergence Zone. <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2020GL088238	4.9	4
39	Why didn't they ask Evans?. <i>Polar Record</i> , <b>2017</b> , 53, 498-511	0.5	3
38	An annual-resolution stable isotope record from Swiss subfossil pine trees growing in the late Glacial. <i>Quaternary Science Reviews</i> , <b>2020</b> , 247, 106550	3.9	3
37	Detection of Lateglacial distal tephra layers in the Netherlands. <i>Boreas</i> , <b>2008</b> , 34, 123-135	2.4	3
36	In one year and out the other. <i>New Scientist</i> , <b>2006</b> , 192, 40-41	0.6	3
35	Early warnings and missed alarms for abrupt monsoon transitions		3
34	Impacts of a changing climate on a century of extreme flood regime of northwest Australia		3
33	Late Holocene climate anomaly concurrent with fire activity and ecosystem shifts in the eastern Australian Highlands. <i>Science of the Total Environment</i> , <b>2022</b> , 802, 149542	10.2	3
32	This was no Antarctic pleasure cruise. <i>Nature</i> , <b>2014</b> , 505, 133	50.4	2
31	Backfill. <i>Australian Archaeology</i> , <b>2008</b> , 66, 87-100	0.8	2
30	Quaternary climatic, environmental and archaeological change in Australasia. <i>Journal of Quaternary Science</i> , <b>2007</b> , 22, 421-422	2.3	2
29	Climate change scenarios for Great Britain and Europe. <i>Studies in Environmental Science</i> , <b>1995</b> , 65, 397-400		2

28	Response to Comment on "A global environmental crisis 42,000 years ago". <i>Science</i> , <b>2021</b> , 374, eabi975633,3		2
27	Tipping Points: Lessons from the Past for the Future. <i>Past Global Change Magazine</i> , <b>2016</b> , 24, 3-3	1	2
26	Pleistocene glacial history of the New Zealand subantarctic islands		2
25	Tree-ring radiocarbon reveals reduced solar activity during Younger Dryas cooling		2
24	Palaeogenomics of the Hydrocarbon Producing Microalga <i>Botryococcus braunii</i> . <i>Scientific Reports</i> , <b>2019</b> , 9, 1776	4.9	2
23	THE APPLICATION OF POLLEN RADIOCARBON DATING AND BAYESIAN AGE-DEPTH MODELING FOR DEVELOPING ROBUST GEOCHRONOLOGICAL FRAMEWORKS OF WETLAND ARCHIVES. <i>Radiocarbon</i> , 1-23	4.6	2
22	Response to Comments on Does the Agulhas Current amplify global temperatures during super-interglacials? <i>Journal of Quaternary Science</i> , <b>2011</b> , 26, 870-871	2.3	1
21	Advances and limitations in establishing a contiguous high-resolution atmospheric radiocarbon record derived from subfossil kauri tree rings for the interval 6027 cal kyr BP. <i>Quaternary Geochronology</i> , <b>2021</b> , 68, 101251	2.7	1
20	A 250 year periodicity in Southern Hemisphere westerly winds over the last 2600 years		1
19	Ancient human genomes reveal a hidden history of strong selection in Eurasia		1
18	Temperature, Wind, Cloud, and the Postglacial Tree Line History of Sub-Antarctic Campbell Island. <i>Forests</i> , <b>2019</b> , 10, 998	2.8	1
17	The implications of the recently recognized mid-20th century shift in the Earth system. <i>Infrastructure Asset Management</i> , 205301962199552	1.8	1
16	Why didn't they ask Evans?: a response to Karen May. <i>Polar Record</i> , <b>2018</b> , 54, 178-180	0.5	1
15	Decadal-scale onset and termination of Antarctic ice-mass loss during the last deglaciation. <i>Nature Communications</i> , <b>2021</b> , 12, 6683	17.4	0
14	Distal ash fall from the mid-Holocene eruption of Mount Hudson (H2) discovered in the Falkland Islands: New possibilities for Southern Hemisphere archive synchronisation. <i>Quaternary Science Reviews</i> , <b>2021</b> , 266, 107074	3.9	0
13	Retreat of the Antarctic Ice Sheet During the Last Interglaciation and Implications for Future Change. <i>Geophysical Research Letters</i> , <b>2021</b> , 48, e2021GL094513	4.9	0
12	Do Southern Hemisphere tree rings record past volcanic events? A case study from New Zealand. <i>Climate of the Past</i> , <b>2022</b> , 18, 1169-1188	3.9	0
11	Response to Comment on "Abrupt warming events drove Late Pleistocene Holarctic megafaunal turnover". <i>Science</i> , <b>2016</b> , 351, 927	33.3	

- 10 Nearshore marine communities at three New Zealand sub-Antarctic islands. *Polar Biology*, **2019**, 42, 2193-2203
- 9 Reply to Comment on Drought variability in the eastern Australia and New Zealand summer drought atlas (ANZDA, CE 1500-2012) modulated by the Interdecadal Pacific Oscillation. *Environmental Research Letters*, **2017**, 12, 068002 6.2
- 8 Vincent Gaffney, Simon Fitch & David Smith. Europe's lost world: the rediscovery of Doggerland (CBA Research Report 160). xii+202 pages, 119 b&w & colour illustrations, 3 tables. 2009. York: Council for British Archaeology: 978-1-902771-75-5 paperback £15.. *Antiquity*, **2010**, 84, 899-900 1
- 7 Palaeoceanography of the western Pacific and marginal seas. *Journal of Quaternary Science*, **2009**, 24, 833-835 2.3
- 6 Response to Comment on "A global environmental crisis 42,000 years ago". *Science*, **2021**, 374, eabh36553.3
- 5 The Lost Worlds **2006**, 104-118
- 4 And then there was One **2006**, 119-134
- 3 Epilogue: Time up for Creationism **2006**, 159-167
- 2 Decadally Resolved Lateglacial Radiocarbon Evidence from New Zealand Kauri. CORRIGENDUM. *Radiocarbon*, **2016**, 58, 947-947 4.6
- 1 Kauri Tree-Ring Stable Isotopes Reveal a Centennial Climate Downturn Following the Antarctic Cold Reversal in New Zealand. *Geophysical Research Letters*, **2021**, 48, e2020GL090299 4.9