

Chris S M Turney

List of Publications by Year in Descending Order

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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.

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	Late Holocene climate anomaly concurrent with fire activity and ecosystem shifts in the eastern Australian Highlands. <i>Science of the Total Environment</i> , 2022 , 802, 149542	10.2	3
224	Do Southern Hemisphere tree rings record past volcanic events? A case study from New Zealand. <i>Climate of the Past</i> , 2022 , 18, 1169-1188	3.9	0
223	Advances and limitations in establishing a contiguous high-resolution atmospheric radiocarbon record derived from subfossil kauri tree rings for the interval 6007 cal kyr BP. <i>Quaternary Geochronology</i> , 2021 , 68, 101251	2.7	1
222	Response to Comment on "A global environmental crisis 42,000 years ago". <i>Science</i> , 2021 , 374, eabi975633,3	33.3	2
221	Decadal-scale onset and termination of Antarctic ice-mass loss during the last deglaciation. <i>Nature Communications</i> , 2021 , 12, 6683	17.4	0
220	Response to Comment on "A global environmental crisis 42,000 years ago". <i>Science</i> , 2021 , 374, eabh36553,3	33.3	0
219	Widespread Denisovan ancestry in Island Southeast Asia but no evidence of substantial super-archaic hominin admixture. <i>Nature Ecology and Evolution</i> , 2021 , 5, 616-624	12.3	15
218	RADIOCARBON PROTOCOLS AND FIRST INTERCOMPARISON RESULTS FROM THE CHRONOS 14CARBON-CYCLE FACILITY, UNIVERSITY OF NEW SOUTH WALES, SYDNEY, AUSTRALIA. <i>Radiocarbon</i> , 2021 , 63, 1003-1023	4.6	7
217	A global environmental crisis 42,000 years ago. <i>Science</i> , 2021 , 371, 811-818	33.3	28
216	Kauri Tree-Ring Stable Isotopes Reveal a Centennial Climate Downturn Following the Antarctic Cold Reversal in New Zealand. <i>Geophysical Research Letters</i> , 2021 , 48, e2020GL090299	4.9	0
215	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> , 2021 , 266, 107074	3.9	0
214	Retreat of the Antarctic Ice Sheet During the Last Interglaciation and Implications for Future Change. <i>Geophysical Research Letters</i> , 2021 , 48, e2021GL094513	4.9	0
213	An annual-resolution stable isotope record from Swiss subfossil pine trees growing in the late Glacial. <i>Quaternary Science Reviews</i> , 2020 , 247, 106550	3.9	3
212	Southern Ocean carbon sink enhanced by sea-ice feedbacks at the Antarctic Cold Reversal. <i>Nature Geoscience</i> , 2020 , 13, 489-497	18.3	11
211	Urgent need for an integrated policy framework for biodiversity loss and climate change. <i>Nature Ecology and Evolution</i> , 2020 , 4, 996	12.3	15
210	Tipping elements and amplified polar warming during the Last Interglacial. <i>Quaternary Science Reviews</i> , 2020 , 233, 106222	3.9	11
209	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> , 2020 , 117, 3996-4006	11.5	30

208	Palaeoclimate potential of New Zealand <i>Manoao colensoi</i> (silver pine) tree rings using Blue-Intensity (BI). <i>Dendrochronologia</i> , 2020 , 60, 125664	2.8	12
207	A global mean sea surface temperature dataset for the Last Interglacial (129–16 ka) and contribution of thermal expansion to sea level change. <i>Earth System Science Data</i> , 2020 , 12, 3341-3356	10.5	8
206	SHCal20 Southern Hemisphere Calibration, 0–55,000 Years cal BP. <i>Radiocarbon</i> , 2020 , 62, 759-778	4.6	253
205	One Thousand Three Hundred Years of Variability in the Position of the South Pacific Convergence Zone. <i>Geophysical Research Letters</i> , 2020 , 47, e2020GL088238	4.9	4
204	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> , 2019 , 61, 1265-1291	4.6	8
203	Investigating Subantarctic ¹⁴ C Ages of Different Peat Components: Site and Sample Selection for Developing Robust Age Models in Dynamic Landscapes. <i>Radiocarbon</i> , 2019 , 61, 1009-1027	4.6	8
202	Pleistocene glacial history of the New Zealand subantarctic islands. <i>Climate of the Past</i> , 2019 , 15, 423-448	3.9	10
201	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> , 2019 , 15, 389-404	3.9	13
200	Introduction to the special issue "Climate of the past 2000 years: regional and trans-regional syntheses" <i>Climate of the Past</i> , 2019 , 15, 611-615	3.9	6
199	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> , 2019 , 14, e0218430	3.7	16
198	Nearshore marine communities at three New Zealand sub-Antarctic islands. <i>Polar Biology</i> , 2019 , 42, 2193-2203		
197	Wiggle-match radiocarbon dating of the Taupo eruption. <i>Nature Communications</i> , 2019 , 10, 4669	17.4	12
196	Palaeogenomics of the Hydrocarbon Producing Microalga <i>Botryococcus braunii</i> . <i>Scientific Reports</i> , 2019 , 9, 1776	4.9	2
195	Temperature, Wind, Cloud, and the Postglacial Tree Line History of Sub-Antarctic Campbell Island. <i>Forests</i> , 2019 , 10, 998	2.8	1
194	Evolution and extinction of the giant rhinoceros <i>Elasmotherium sibiricum</i> sheds light on late Quaternary megafaunal extinctions. <i>Nature Ecology and Evolution</i> , 2019 , 3, 31-38	12.3	39
193	A comparison of some simple methods used to detect unstable temperature responses in tree-ring chronologies. <i>Dendrochronologia</i> , 2018 , 48, 52-73	2.8	10
192	Global Peak in Atmospheric Radiocarbon Provides a Potential Definition for the Onset of the Anthropocene Epoch in 1965. <i>Scientific Reports</i> , 2018 , 8, 3293	4.9	44
191	Potential for tree rings to reveal spatial patterns of past drought variability across western Australia. <i>Environmental Research Letters</i> , 2018 , 13, 024020	6.2	6

190	Sea-level change and demography during the last glacial termination and early Holocene across the Australian continent. <i>Quaternary Science Reviews</i> , 2018 , 182, 144-154	3.9	49
189	The scientific value and potential of New Zealand swamp kauri. <i>Quaternary Science Reviews</i> , 2018 , 183, 124-139	3.9	15
188	Extending the observational record to provide new insights into invasive alien species in a coastal dune environment of New Zealand. <i>Applied Geography</i> , 2018 , 98, 100-109	4.4	5
187	When did first reach Southeast Asia and Sahul?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 8482-8490	11.5	100
186	Millennial-scale variability in south-east Australian hydroclimate between 30,000 and 10,000 years ago. <i>Quaternary Science Reviews</i> , 2018 , 192, 106-122	3.9	15
185	A New Daily Observational Record from Grytviken, South Georgia: Exploring Twentieth-Century Extremes in the South Atlantic. <i>Journal of Climate</i> , 2018 , 31, 1743-1755	4.4	9
184	Connecting the Greenland ice-core and UTh timescales via cosmogenic radionuclides: testing the synchronicity of Dansgaard-Oeschger events. <i>Climate of the Past</i> , 2018 , 14, 1755-1781	3.9	38
183	Evidence for increased expression of the Amundsen Sea Low over the South Atlantic during the late Holocene. <i>Climate of the Past</i> , 2018 , 14, 1727-1738	3.9	9
182	Greenland ice mass loss during the Younger Dryas driven by Atlantic Meridional Overturning Circulation feedbacks. <i>Scientific Reports</i> , 2018 , 8, 11307	4.9	13
181	Why didn't they ask Evans?: a response to Karen May. <i>Polar Record</i> , 2018 , 54, 178-180	0.5	1
180	How to date natural archives of the Anthropocene. <i>Geology Today</i> , 2018 , 34, 182-187	0.4	11
179	Humans rather than climate the primary cause of Pleistocene megafaunal extinction in Australia. <i>Nature Communications</i> , 2017 , 8, 14142	17.4	56
178	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> , 2017 , 159, 77-87	3.9	13
177	Aboriginal mitogenomes reveal 50,000 years of regionalism in Australia. <i>Nature</i> , 2017 , 544, 180-184	50.4	122
176	Antarctic ice sheet discharge driven by atmosphere-ocean feedbacks at the Last Glacial Termination. <i>Scientific Reports</i> , 2017 , 7, 39979	4.9	29
175	Why didn't they ask Evans?. <i>Polar Record</i> , 2017 , 53, 498-511	0.5	3
174	Rapid global ocean-atmosphere response to Southern Ocean freshening during the last glacial. <i>Nature Communications</i> , 2017 , 8, 520	17.4	13
173	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. <i>Environmental Research Letters</i> , 2017 , 12, 068002	6.2	

172	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> , 2017 , 32, 934-945	2.3	6
171	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> , 2017 , 32, 704-716	2.3	12
170	A global multiproxy database for temperature reconstructions of the Common Era. <i>Scientific Data</i> , 2017 , 4, 170088	8.2	171
169	Delayed maximum northern European summer temperatures during the Last Interglacial as a result of Greenland Ice Sheet melt. <i>Geology</i> , 2017 , 45, 23-26	5	7
168	Tropical forcing of increased Southern Ocean climate variability revealed by a 140-year subantarctic temperature reconstruction. <i>Climate of the Past</i> , 2017 , 13, 231-248	3.9	20
167	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> , 2016 , 459, 495-507	2.9	7
166	The paleoclimate context and future trajectory of extreme summer hydroclimate in eastern Australia. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016 , 121, 12820-12838	4.4	15
165	Synergistic roles of climate warming and human occupation in Patagonian megafaunal extinctions during the Last Deglaciation. <i>Science Advances</i> , 2016 , 2, e1501682	14.3	81
164	Multidecadal variations in Southern Hemisphere atmospheric ¹⁴ C: Evidence against a Southern Ocean sink at the end of the Little Ice Age CO ₂ anomaly. <i>Global Biogeochemical Cycles</i> , 2016 , 30, 211-218	5.9	9
163	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> , 2016 , 153, 139-155	3.9	6
162	Assessing the continuity of the blue ice climate record at Patriot Hills, Horseshoe Valley, West Antarctica. <i>Geophysical Research Letters</i> , 2016 , 43, 2019-2026	4.9	20
161	A comprehensive database of quality-rated fossil ages for Sahul's Quaternary vertebrates. <i>Scientific Data</i> , 2016 , 3, 160053	8.2	11
160	The impact of the giant iceberg B09B on population size and breeding success of Adlie penguins in Commonwealth Bay, Antarctica. <i>Antarctic Science</i> , 2016 , 28, 187-193	1.7	14
159	Palaeoecological signatures of vegetation change induced by herbivory regime shifts on subantarctic Enderby Island. <i>Quaternary Science Reviews</i> , 2016 , 134, 51-58	3.9	5
158	Evidence for extreme floods in arid subtropical northwest Australia during the Little Ice Age chronozone (CE 1400-1850). <i>Quaternary Science Reviews</i> , 2016 , 144, 107-122	3.9	19
157	Climate change not to blame for late Quaternary megafauna extinctions in Australia. <i>Nature Communications</i> , 2016 , 7, 10511	17.4	91
156	What caused extinction of the Pleistocene megafauna of Sahul?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016 , 283,	4.4	34
155	Response to Comment on "Abrupt warming events drove Late Pleistocene Holarctic megafaunal turnover". <i>Science</i> , 2016 , 351, 927	33.3	

154	Extreme wet conditions coincident with Bronze Age abandonment of upland areas in Britain. <i>Anthropocene</i> , 2016 , 13, 69-79	3.9	8
153	Tipping Points: Lessons from the Past for the Future. <i>Past Global Change Magazine</i> , 2016 , 24, 3-3	1	2
152	Impacts of marine instability across the East Antarctic Ice Sheet on Southern Ocean dynamics. <i>Cryosphere</i> , 2016 , 10, 2317-2328	5.5	12
151	Decadally Resolved Lateglacial Radiocarbon Evidence from New Zealand Kauri. CORRIGENDUM. <i>Radiocarbon</i> , 2016 , 58, 947-947	4.6	
150	A 250-year periodicity in Southern Hemisphere westerly winds over the last 2600 years. <i>Climate of the Past</i> , 2016 , 12, 189-200	3.9	30
149	Brief communication: Impacts of a developing polynya off Commonwealth Bay, East Antarctica, triggered by grounding of iceberg B09B. <i>Cryosphere</i> , 2016 , 10, 2603-2609	5.5	12
148	Anomalous mid-twentieth century atmospheric circulation change over the South Atlantic compared to the last 6000 years. <i>Environmental Research Letters</i> , 2016 , 11, 064009	6.2	17
147	Punctuated Shutdown of Atlantic Meridional Overturning Circulation during Greenland Stadial 1. <i>Scientific Reports</i> , 2016 , 6, 25902	4.9	22
146	Decadally Resolved Lateglacial Radiocarbon Evidence from New Zealand Kauri. <i>Radiocarbon</i> , 2016 , 58, 709-733	4.6	26
145	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> , 2016 , 137, 126-134	3.9	20
144	Intensification of Southern Hemisphere westerly winds 2000–1000 years ago: evidence from the subantarctic Campbell and Auckland Islands (52–80°S). <i>Journal of Quaternary Science</i> , 2016 , 31, 12-19	2.3	14
143	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> , 2015 , 27, 158-163	2.7	11
142	Ocean currents generate large footprints in marine palaeoclimate proxies. <i>Nature Communications</i> , 2015 , 6, 6521	17.4	48
141	A continental narrative: Human settlement patterns and Australian climate change over the last 35,000 years. <i>Quaternary Science Reviews</i> , 2015 , 123, 91-112	3.9	69
140	PALEOECOLOGY. Abrupt warming events drove Late Pleistocene Holarctic megafaunal turnover. <i>Science</i> , 2015 , 349, 602-6	33.3	217
139	Effects of sea-ice cover on marine benthic communities: a natural experiment in Commonwealth Bay, East Antarctica. <i>Polar Biology</i> , 2015 , 38, 1213-1222	2	16
138	Long-term ecology resolves the timing, region of origin and process of establishment for a disputed alien tree. <i>AoB PLANTS</i> , 2015 , 7,	2.9	8
137	Criteria for assessing the quality of Middle Pleistocene to Holocene vertebrate fossil ages. <i>Quaternary Geochronology</i> , 2015 , 30, 69-79	2.7	27

136	Obliquity Control On Southern Hemisphere Climate During The Last Glacial. <i>Scientific Reports</i> , 2015 , 5, 11673	4.9	20
135	The 5.2ka climate event: Evidence from stable isotope and multi-proxy palaeoecological peatland records in Ireland. <i>Quaternary Science Reviews</i> , 2015 , 124, 209-223	3.9	42
134	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> , 2015 , 10, 124002	6.2	92
133	Sensitivity of the Southern Ocean to enhanced regional Antarctic ice sheet meltwater input. <i>Earth's Future</i> , 2015 , 3, 317-329	7.9	36
132	Obliquity-driven expansion of North Atlantic sea ice during the last glacial. <i>Geophysical Research Letters</i> , 2015 , 42, 10,382	4.9	10
131	Pairwise surface drifter separation in the western Pacific sector of the Southern Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2015 , 120, 6769-6781	3.3	14
130	Early warnings and missed alarms for abrupt monsoon transitions. <i>Climate of the Past</i> , 2015 , 11, 1621-1633	3.9	12
129	Tropical and mid-latitude forcing of continental Antarctic temperatures. <i>Cryosphere</i> , 2015 , 9, 2405-2415	5.5	7
128	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> , 2015 , 19, 2057-2078	5.5	23
127	Using dung fungi to interpret decline and extinction of megaherbivores: problems and solutions. <i>Quaternary Science Reviews</i> , 2015 , 110, 107-113	3.9	33
126	Uncertainties in dating constrain model choice for inferring extinction time from fossil records. <i>Quaternary Science Reviews</i> , 2015 , 112, 128-137	3.9	34
125	Tree Rings Show Recent High Summer-Autumn Precipitation in Northwest Australia Is Unprecedented within the Last Two Centuries. <i>PLoS ONE</i> , 2015 , 10, e0128533	3.7	33
124	Holocene Demographic Changes and the Emergence of Complex Societies in Prehistoric Australia. <i>PLoS ONE</i> , 2015 , 10, e0128661	3.7	61
123	The discovery of New Zealand's oldest shipwreck (possible evidence of further Dutch exploration of the South Pacific). <i>Journal of Archaeological Science</i> , 2014 , 42, 435-441	2.9	8
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> , 2014 , 26, 674-686	1.7	20
121	Evidence for suppressed mid-Holocene northeastern Australian monsoon variability from coral luminescence. <i>Paleoceanography</i> , 2014 , 29, 581-594		14
120	This was no Antarctic pleasure cruise. <i>Nature</i> , 2014 , 505, 133	50.4	2
119	Testing the sensitivity of the East Antarctic Ice Sheet to Southern Ocean dynamics: past changes and future implications. <i>Journal of Quaternary Science</i> , 2014 , 29, 91-98	2.3	39

118	Was there a 4.2 ka event in Great Britain and Ireland? Evidence from the peatland record. <i>Quaternary Science Reviews</i> , 2014 , 83, 11-27	3.9	58
117	Catchment instability and Asian summer monsoon variability during the early Holocene in southwestern China. <i>Boreas</i> , 2013 , 42, 224-235	2.4	26
116	Continental-scale temperature variability during the past two millennia. <i>Nature Geoscience</i> , 2013 , 6, 339-346	3.9	787
115	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> , 2013 , 55, 2035-2048	4.6	36
114	A new flow cytometry method enabling rapid purification of fossil pollen from terrestrial sediments for AMS radiocarbon dating. <i>Journal of Quaternary Science</i> , 2013 , 28, 229-236	2.3	22
113	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> , 2013 , 28, 697-704	2.3	13
112	Selection and Treatment of Data for Radiocarbon Calibration: An Update to the International Calibration (IntCal) Criteria. <i>Radiocarbon</i> , 2013 , 55, 1923-1945	4.6	111
111	IntCal13 and Marine13 Radiocarbon Age Calibration Curves 0 to 50,000 Years cal BP. <i>Radiocarbon</i> , 2013 , 55, 1869-1887	4.6	8493
110	SHCal13 Southern Hemisphere Calibration, 0 to 50,000 Years cal BP. <i>Radiocarbon</i> , 2013 , 55, 1889-1903	4.6	1309
109	Is there any Evidence for Regional Atmospheric ^{14}C Offsets in the Southern Hemisphere?. <i>Radiocarbon</i> , 2013 , 55, 2029-2034	4.6	14
108	Lateglacial and early Holocene palaeoenvironmental events in Sluggan Bog, Northern Ireland: comparisons with the Greenland NGRIP GICC05 event stratigraphy. <i>Quaternary Science Reviews</i> , 2012 , 36, 124-138	3.9	20
107	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> , 2012 , 36, 2-10	3.9	204
106	Robust estimates of extinction time in the geological record. <i>Quaternary Science Reviews</i> , 2012 , 33, 14-19	3.9	48
105	The Eltanin asteroid impact: possible South Pacific palaeomegatsunami footprint and potential implications for the Pliocene-Pleistocene transition. <i>Journal of Quaternary Science</i> , 2012 , 27, 660-670	2.3	14
104	The aftermath of megafaunal extinction: ecosystem transformation in Pleistocene Australia. <i>Science</i> , 2012 , 335, 1483-6	3.3	218
103	Holocene environmental change at Lake Shudu, Yunnan Province, southwestern China. <i>Hydrobiologia</i> , 2012 , 693, 223-235	2.4	19
102	High-Precision Radiocarbon Measurements of Tree-Ring Dated Wood from New Zealand: 195 BC to AD 995. <i>Radiocarbon</i> , 2011 , 53, 529-542	4.6	24
101	Response to Comments on Does the Agulhas Current amplify global temperatures during super-interglacials?. <i>Journal of Quaternary Science</i> , 2011 , 26, 870-871	2.3	1

100	Divergent trends in land and ocean temperature in the Southern Ocean over the past 18,000 years. <i>Nature Geoscience</i> , 2010 , 3, 622-626	18.3	73
99	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.. <i>Antiquity</i> , 2009, 83, 202-203	1	
98	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> , 2010 , 29, 3677-3682	3.9	38
97	Non-uniform interhemispheric temperature trends over the past 550 years. <i>Climate Dynamics</i> , 2010 , 35, 1429-1438	4.2	16
96	IPCC and palaeoclimate – an evolving story?. <i>Journal of Quaternary Science</i> , 2010 , 25, 1-4	2.3	17
95	The bigger picture: towards integrating palaeoclimate and environmental data with a history of societal change. <i>Journal of Quaternary Science</i> , 2010 , 25, 88-93	2.3	47
94	Chironomid-inferred late-glacial summer air temperatures from Lough Nadourcan, Co. Donegal, Ireland. <i>Journal of Quaternary Science</i> , 2010 , 25, 1200-1210	2.3	45
93	Widespread dispersal of Icelandic tephra: how does the Eyjafjall eruption of 2010 compare to past Icelandic events?. <i>Journal of Quaternary Science</i> , 2010 , 25, 605-611	2.3	76
92	Does the Agulhas Current amplify global temperatures during super-interglacials?. <i>Journal of Quaternary Science</i> , 2010 , 25, 839-843	2.3	136
91	Bayesian Evaluation of the Southern Hemisphere Radiocarbon Offset during the Holocene. <i>Radiocarbon</i> , 2009 , 51, 1165-1176	4.6	20
90	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> , 2009 , 57, 484-502	3.1	62
89	The geochemical characterization and correlation of Late Holocene tephra layers at Ambra Crater and Kuk Swamp, Papua New Guinea. <i>Geological Journal</i> , 2009 , 44, 568-592	1.7	10
88	Stratigraphy, pollen and ¹⁴ C 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> , 2009 , 24, 47-59	2.3	6
87	Radiocarbon dating of charcoal from tropical sequences: results from the Niah Great Cave, Sarawak, and their broader implications. <i>Journal of Quaternary Science</i> , 2009 , 24, 189-197	2.3	74
86	Palaeoceanography of the western Pacific and marginal seas. <i>Journal of Quaternary Science</i> , 2009 , 24, 833-835	2.3	
85	The characterization and significance of a MIS 5a distal tephra on mainland Australia. <i>Quaternary Science Reviews</i> , 2009 , 28, 1825-1830	3.9	9
84	IntCal09 and Marine09 Radiocarbon Age Calibration Curves, 0–50,000 Years cal BP. <i>Radiocarbon</i> , 2009 , 51, 1111-1150	4.6	3790
83	New discoveries of the Vedde Ash in southern Sweden and Scotland. <i>Boreas</i> , 2008 , 29, 72-78	2.4	52

82	Detection of Lateglacial distal tephra layers in the Netherlands. <i>Boreas</i> , 2008 , 34, 123-135	2.4	3
81	Climate, people and faunal succession on Java, Indonesia: evidence from Song Gupuh. <i>Journal of Archaeological Science</i> , 2008 , 35, 1776-1789	2.9	50
80	Geochemical characterization of Quaternary tephras from the Campanian Province, Italy. <i>Quaternary International</i> , 2008 , 178, 288-305	2	32
79	Distal volcanic ash layers in the Lateglacial Interstadial (GI-1): problems of stratigraphic discrimination. <i>Quaternary Science Reviews</i> , 2008 , 27, 72-84	3.9	50
78	Human-Environment interactions in Australian drylands: exploratory time-series analysis of archaeological records. <i>Holocene</i> , 2008 , 18, 389-401	2.6	77
77	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> , 2008 , 105, 12150-3	11.5	83
76	Backfill. <i>Australian Archaeology</i> , 2008 , 66, 87-100	0.8	2
75	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> , 2008 , 30, 887-907	4.2	487
74	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> , 2007 , 22, 65-75	2.3	15
73	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> , 2007 , 22, 449-479	2.3	79
72	Quaternary climatic, environmental and archaeological change in Australasia. <i>Journal of Quaternary Science</i> , 2007 , 22, 421-422	2.3	2
71	Does the El Niño-Southern Oscillation control the interhemispheric radiocarbon offset?. <i>Quaternary Research</i> , 2007 , 67, 174-180	1.9	18
70	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> , 2007 , 52, 243-61	3.1	312
69	Volcanic Ash Deposition and Long-Term Vegetation Change on Subantarctic Marion Island. <i>Arctic, Antarctic, and Alpine Research</i> , 2007 , 39, 500-511	1.8	16
68	Robust Radiocarbon Dating of Wood Samples by High-Sensitivity Liquid Scintillation Spectroscopy in the 5000 kyr Age Range. <i>Radiocarbon</i> , 2007 , 49, 379-391	4.6	14
67	Towards a Radiocarbon Calibration for Oxygen Isotope Stage 3 Using New Zealand Kauri (<i>Agathis Australis</i>). <i>Radiocarbon</i> , 2007 , 49, 447-457	4.6	24
66	Catastrophic early Holocene sea level rise, human migration and the Neolithic transition in Europe. <i>Quaternary Science Reviews</i> , 2007 , 26, 2036-2041	3.9	102
65	Redating the advance of the New Zealand Franz Josef Glacier during the Last Termination: evidence for asynchronous climate change. <i>Quaternary Science Reviews</i> , 2007 , 26, 3037-3042	3.9	25

64	Using the Paleorecord to Evaluate Climate and Fire Interactions in Australia. <i>Annual Review of Earth and Planetary Sciences</i> , 2007 , 35, 215-239	15.3	57
63	Introduction: Integrating high-resolution past climate records for future prediction in the Australasian region. <i>Journal of Quaternary Science</i> , 2006 , 21, 679-680	2.3	6
62	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> , 2006 , 21, 751-767	2.3	72
61	Extension of New Zealand kauri (<i>Agathis australis</i>) tree-ring chronologies into Oxygen Isotope Stage (OIS) 3. <i>Journal of Quaternary Science</i> , 2006 , 21, 779-787	2.3	39
60	North European last glacial-interglacial transition (LGIT; 15.5 ka) tephrochronology: extended limits and new events. <i>Journal of Quaternary Science</i> , 2006 , 21, 335-345	2.3	69
59	Dating ancient wood by high-sensitivity liquid scintillation counting and accelerator mass spectrometry: Pushing the boundaries. <i>Quaternary Geochronology</i> , 2006 , 1, 241-248	2.7	40
58	In one year and out the other. <i>New Scientist</i> , 2006 , 192, 40-41	0.6	3
57	Carbon isotope fractionation in wood during carbonization. <i>Geochimica Et Cosmochimica Acta</i> , 2006 , 70, 960-964	5.5	79
56	Holocene climatic change and past Irish societal response. <i>Journal of Archaeological Science</i> , 2006 , 33, 34-38	2.9	48
55	ENSO influence on Holocene Aboriginal populations in Queensland, Australia. <i>Journal of Archaeological Science</i> , 2006 , 33, 1744-1748	2.9	55
54	Climatic variability in the southwest Pacific during the Last Termination (20-10 kyr BP). <i>Quaternary Science Reviews</i> , 2006 , 25, 886-903	3.9	60
53	Geochemical changes recorded in Lynch's Crater, Northeastern Australia, over the past 50 ka. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006 , 233, 187-203	2.9	14
52	Environmental change and the arrival of people in the Australian region 2006 , 2006, 1-24		17
51	Archaeology: progress and pitfalls in radiocarbon dating. <i>Nature</i> , 2006 , 443, E3; discussion E4	50.4	19
50	The potential for extending Intcal04 using OIS-3 New Zealand sub-fossil Kauri. <i>PAGES News</i> , 2006 , 14, 11-12		4
49	The Lost Worlds 2006 , 104-118		
48	And then there was One 2006 , 119-134		
47	Epilogue: Time's up for Creationism 2006 , 159-167		

46	A new and less destructive laboratory procedure for the physical separation of distal glass tephra shards from sediments. <i>Quaternary Science Reviews</i> , 2005 , 24, 1952-1960	3.9	222
45	Palaeovolcanic forcing of short-term dendroisotopic depletion: The effect of decreased solar intensity on Irish oak. <i>Geophysical Research Letters</i> , 2005 , 32, n/a-n/a	4.9	8
44	Testing solar forcing of pervasive Holocene climate cycles. <i>Journal of Quaternary Science</i> , 2005 , 20, 511-518	5.18	69
43	Detection of Lateglacial distal tephra layers in the Netherlands. <i>Boreas</i> , 2005 , 34, 123-135	2.4	68
42	Millennial and orbital variations of El Niño/Southern Oscillation and high-latitude climate in the last glacial period. <i>Nature</i> , 2004 , 428, 306-10	50.4	190
41	Archaeology and age of a new hominin from Flores in eastern Indonesia. <i>Nature</i> , 2004 , 431, 1087-91	50.4	342
40	Late-glacial and Holocene vegetation and climatic history of the Cass Basin, central South Island, New Zealand. <i>Quaternary Research</i> , 2004 , 62, 267-279	1.9	43
39	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> , 2004 , 19, 111-120	2.3	93
38	Asynchronous climate change between New Zealand and the North Atlantic during the last deglaciation. <i>Geology</i> , 2003 , 31, 223	5	66
37	Devensian Lateglacial environmental changes in Britain: a multi-proxy environmental record from Llanilid, South Wales, UK. <i>Quaternary Science Reviews</i> , 2003 , 22, 475-520	3.9	87
36	Radiocarbon dating of organic- and carbonate-carbon in Genyornis and Dromaius eggshell using stepped combustion and stepped acidification. <i>Quaternary Science Reviews</i> , 2003 , 22, 1805-1812	3.9	26
35	Deriving a consistent $\delta^{13}C$ signature from tree canopy leaf material for palaeoclimatic reconstruction. <i>New Phytologist</i> , 2002 , 155, 301-311	9.8	32
34	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> , 2002 , 38, 21-30	1.4	33
33	Interpreting stable-isotope records from freshwater snail-shell carbonate: a Holocene case study from Lake Gölhisar, Turkey. <i>Holocene</i> , 2002 , 12, 629-634	2.6	45
32	Determining the timing and pattern of human colonisation in Australia: Proposals for radiocarbon dating Early9 sequences. <i>Australian Archaeology</i> , 2002 , 54, 1-5	0.8	5
31	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> , 2002 , 21, 1061-1075	3.9	86
30	Towards a European tephrochronological framework for Termination 1 and the Early Holocene. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2002 , 360, 767-802	3	84
29	New Abox Ams-14C Ages Remove Dating Anomalies At Puritjarra Rock Shelter. <i>Australian Archaeology</i> , 2001 , 53, 45-47	0.8	15

28	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> , 2001 , 16, 99-104	2.3	65
27	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> , 2001 , 16, 779-784	2.3	23
26	Redating the onset of burning at Lynch's Crater (North Queensland): implications for human settlement in Australia. <i>Journal of Quaternary Science</i> , 2001 , 16, 767-771	2.3	92
25	Early Human Occupation at Devil's Lair, Southwestern Australia 50,000 Years Ago. <i>Quaternary Research</i> , 2001 , 55, 3-13	1.9	214
24	Radiocarbon Dating of the Human Occupation of Australia Prior to 40 ka BP: Successes and Pitfalls. <i>Radiocarbon</i> , 2001 , 43, 1139-1145	4.6	40
23	Development of a Robust ^{14}C Chronology for Lynch's Crater (North Queensland, Australia) Using Different Pretreatment Strategies. <i>Radiocarbon</i> , 2001 , 43, 45-54	4.6	26
22	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> , 2000 , 53, 114-121	1.9	82
21	Lacustrine Bulk Organic $\delta^{13}C$ in the British Isles during the Last Glacial-Holocene Transition (14.9 ka ^{14}C BP). <i>Arctic, Antarctic, and Alpine Research</i> , 1999 , 31, 71-81	1.8	16
20	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> , 1999 , 156, 397-410	2.7	84
19	Estimating past leaf-to-air vapour pressure deficit from terrestrial plant $\delta^{13}C$ 1999 , 14, 437-442		25
18	Radiocarbon Dating of Old Charcoal Using a Wet Oxidation, Stepped-Combustion Procedure. <i>Radiocarbon</i> , 1999 , 41, 127-140	4.6	252
17	Climate variations in Britain during the Last Glacial-Holocene transition (15.0-11.5 cal ka bp): comparison with the GRIP ice-core record. <i>Journal of the Geological Society</i> , 1999 , 156, 411-423	2.7	48
16	Extraction of rhyolitic component of Vedde microtephra from minerogenic lake sediments 1998 , 19, 199-206		186
15	Vedde Ash layer discovered in a small lake basin on the Scottish mainland. <i>Journal of the Geological Society</i> , 1997 , 154, 605-612	2.7	56
14	Carbon Isotope Variations and Chronology of the Last Glacial-Interglacial Transition (14.9 ka BP). <i>Radiocarbon</i> , 1997 , 40, 873-881	4.6	7
13	Stable carbon isotope variations in northwest Europe during the last glacial-interglacial transition 1997 , 12, 339-344		19
12	The use of microtephra horizons to correlate Late-glacial lake sediment successions in Scotland 1997 , 12, 525-531		127
11	Climate change scenarios for Great Britain and Europe. <i>Studies in Environmental Science</i> , 1995 , 65, 397-400		2

10	ATMOSPHERIC RADIOCARBON FOR THE PERIOD 1950-2019. <i>Radiocarbon</i> ,1-23	4.6	16
9	Lacustrine Bulk Organic $\delta^{13}C$ in the British Isles during the Last Glacial-Holocene Transition (14.9 ka 14C BP)		17
8	Pleistocene glacial history of the New Zealand subantarctic islands		2
7	Early warnings and missed alarms for abrupt monsoon transitions		3
6	A 250 year periodicity in Southern Hemisphere westerly winds over the last 2600 years		1
5	Tree-ring radiocarbon reveals reduced solar activity during Younger Dryas cooling		2
4	Impacts of a changing climate on a century of extreme flood regime of northwest Australia		3
3	Ancient human genomes reveal a hidden history of strong selection in Eurasia		1
2	The implications of the recently recognized mid-20th century shift in the Earth system. <i>Infrastructure Asset Management</i> ,205301962199552	1.8	1
1	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