Jonathan G Palmer

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128 82 36 7,122 h-index g-index citations papers 6.19 8,973 146 5.5 L-index avg, IF ext. papers ext. citations

#	Paper	IF	Citations
128	SHCal13 Southern Hemisphere Calibration, 080,000 Years cal BP. <i>Radiocarbon</i> , 2013 , 55, 1889-1903	4.6	1309
127	The IntCal20 Northern Hemisphere Radiocarbon Age Calibration Curve (055 cal kBP). <i>Radiocarbon</i> , 2020 , 62, 725-757	4.6	1233
126	Continental-scale temperature variability during the past two millennia. <i>Nature Geoscience</i> , 2013 , 6, 33	9-3346	787
125	SHCal20 Southern Hemisphere Calibration, 055,000 Years cal BP. <i>Radiocarbon</i> , 2020 , 62, 759-778	4.6	253
124	Unusual Southern Hemisphere tree growth patterns induced by changes in the Southern Annular Mode. <i>Nature Geoscience</i> , 2012 , 5, 793-798	18.3	172
123	Five centuries of Upper Indus River flow from tree rings. Journal of Hydrology, 2013, 486, 365-375	6	105
122	A wiggle-match date for Polynesian settlement of New Zealand. <i>Antiquity</i> , 2003 , 77, 116-125	1	104
121	Dendroecological studies in New Zealand 1. An evaluation of tree age estimates based on increment cores. <i>New Zealand Journal of Botany</i> , 1987 , 25, 373-383	1	93
120	Drought variability in the eastern Australia and New Zealand summer drought atlas (ANZDA, CE 1500\(\bar{L}\)012) modulated by the Interdecadal Pacific Oscillation. <i>Environmental Research Letters</i> , 2015 , 10, 124002	6.2	92
119	Calibration of the Radiocarbon Time Scale for the Southern Hemisphere: Ad 1850 9 50. <i>Radiocarbon</i> , 2002 , 44, 641-651	4.6	85
118	Revised calendar date for the Taupo eruption derived by 14C wiggle-matching using a New Zealand kauri 14C calibration data set. <i>Holocene</i> , 2012 , 22, 439-449	2.6	82
117	Evidence for a Medieval Warm Periodlin a 1,100 year tree-ring reconstruction of past austral summer temperatures in New Zealand. <i>Geophysical Research Letters</i> , 2002 , 29, 12-1-12-4	4.9	79
116	High-Precision Radiocarbon Measurements of Contemporaneous Tree-Ring Dated Wood from the British Isles and New Zealand: Ad 1850¶50. <i>Radiocarbon</i> , 2002 , 44, 633-640	4.6	77
115	14C Calibration in the Southern Hemisphere and the Date of the Last Taupo Eruption: Evidence from Tree-Ring Sequences. <i>Radiocarbon</i> , 1995 , 37, 155-163	4.6	77
114	Millennia-long tree-ring records from Tasmania and New Zealand: a basis for modelling climate variability and forcing, past, present and future. <i>Journal of Quaternary Science</i> , 2006 , 21, 689-699	2.3	75
113	Sea-level pressure variability around Antarctica since A.D. 1750 inferred from subantarctic tree-ring records. <i>Climate Dynamics</i> , 1997 , 13, 375-390	4.2	74
112	Disturbance and climate warming influences on New Zealand Nothofagus tree-line population dynamics. <i>Journal of Ecology</i> , 2001 , 89, 1061-1071	6	73

(2010-2015)

111	short-lived increase in 14C production spanning both hemispheres. <i>Earth and Planetary Science Letters</i> , 2015 , 411, 290-297	5.3	72	
110	Comparing proxy and model estimates of hydroclimate variability and change over the Common Era. <i>Climate of the Past</i> , 2017 , 13, 1851-1900	3.9	71	
109	Multi-centennial tree-ring record of ENSO-related activity in New Zealand. <i>Nature Climate Change</i> , 2012 , 2, 172-176	21.4	69	
108	Testing solar forcing of pervasive Holocene climate cycles. <i>Journal of Quaternary Science</i> , 2005 , 20, 511	-5:18	69	
107	Monsoon drought over Java, Indonesia, during the past two centuries. <i>Geophysical Research Letters</i> , 2006 , 33,	4.9	64	
106	Temporal variation in the interhemispheric 14C offset. <i>Geophysical Research Letters</i> , 1998 , 25, 1321-132	24 .9	64	
105	Tree rings reveal globally coherent signature of cosmogenic radiocarbon events in 774 and 993 CE. <i>Nature Communications</i> , 2018 , 9, 3605	17.4	64	
104	Speleothem stable isotope records interpreted within a multi-proxy framework and implications for New Zealand palaeoclimate reconstruction. <i>Quaternary International</i> , 2008 , 187, 52-75	2	61	
103	Reconstructed streamflow for Citarum River, Java, Indonesia: linkages to tropical climate dynamics. <i>Climate Dynamics</i> , 2011 , 36, 451-462	4.2	50	
102	Holocene climatic change and past Irish societal response. <i>Journal of Archaeological Science</i> , 2006 , 33, 34-38	2.9	48	
101	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	
100	Three centuries of Myanmar monsoon climate variability inferred from teak tree rings. <i>Geophysical Research Letters</i> , 2011 , 38, n/a-n/a	4.9	44	
99	The dendrochronology of Callitris intratropica in northern Australia: annual ring structure, chronology development and climate correlations. <i>Australian Journal of Botany</i> , 2008 , 56, 311	1.2	44	
98	Little Ice Age wetting of interior Asian deserts and the rise of the Mongol Empire. <i>Quaternary Science Reviews</i> , 2016 , 131, 33-50	3.9	43	
97	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	
96	Variations of Radiocarbon in Tree Rings: Southern Hemisphere Offset Preliminary Results. <i>Radiocarbon</i> , 1998 , 40, 1153-1159	4.6	40	
95	Extension of New Zealand kauri (Agathis australis) tree-ring chronologies into Oxygen Isotope Stage (OIS) 3. <i>Journal of Quaternary Science</i> , 2006 , 21, 779-787	2.3	39	
94	The potential of New Zealand kauri (Agathis australis) for testing the synchronicity of abrupt climate change during the Last Glacial Interval (60,000¶1,700 years ago). <i>Quaternary Science Reviews</i> , 2010 , 29, 3677-3682	3.9	38	

93	Tree-ring records from New Zealand: long-term context for recent warming trend. <i>Climate Dynamics</i> , 1998 , 14, 191-199	4.2	37
92	The New Zealand Kauri (Agathis Australis) Research Project: A Radiocarbon Dating Intercomparison of Younger Dryas Wood and Implications for IntCal13. <i>Radiocarbon</i> , 2013 , 55, 2035-2048	4.6	36
91	Dendroclimatic interpretation of tree-rings in Agathis australis (kauri): 2. Evidence of a significant relationship with ENSO. <i>Journal of the Royal Society of New Zealand</i> , 2000 , 30, 277-292	2	36
90	The late Holocene kauri chronology: assessing the potential of a 4500-year record for palaeoclimate reconstruction. <i>Quaternary Science Reviews</i> , 2014 , 90, 128-142	3.9	34
89	The reconstructed Indonesian warm pool sea surface temperatures from tree rings and corals: Linkages to Asian monsoon drought and El Ni®Bouthern Oscillation. <i>Paleoceanography</i> , 2006 , 21,		34
88	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
87	Pacific and Indian Ocean climate signals in a tree-ring record of Java monsoon drought. <i>International Journal of Climatology</i> , 2008 , 28, 1889-1901	3.5	32
86	Extension of the New Zealand kauri (Agathis australis) chronology to 1724 BC. <i>Holocene</i> , 2006 , 16, 188-	-1 <u>9</u> ,§	32
85	Climate change and tree-ring relationships of Nothofagus menziesii tree-line forests. <i>Canadian Journal of Forest Research</i> , 2001 , 31, 1981-1991	1.9	31
84	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
83	Six centuries of Upper Indus Basin streamflow variability and its climatic drivers. <i>Water Resources Research</i> , 2018 , 54, 5687-5701	5.4	28
82	A global environmental crisis 42,000 years ago. <i>Science</i> , 2021 , 371, 811-818	33.3	28
81	A multi-millennial palaeoclimatic resource from Lagarostrobos colensoi tree-rings at Oroko Swamp, New Zealand. <i>Global and Planetary Change</i> , 2002 , 33, 209-220	4.2	27
80	Climatic Implications of Macro- and Microfossil Assemblages from Late Pleistocene Deposits in Northern New Zealand. <i>Quaternary Research</i> , 1993 , 39, 107-119	1.9	27
79	Dendroclimatic interpretation of tree-rings in Agathis australis (kauri). 1. Climate correlation functions and master chronology <i>Journal of the Royal Society of New Zealand</i> , 2000 , 30, 263-276	2	26
78	Climate change and tree-ring relationships of Nothofagus menziesii tree-line forests. <i>Canadian Journal of Forest Research</i> , 2001 , 31, 1981-1991	1.9	26
77	Decadally Resolved Lateglacial Radiocarbon Evidence from New Zealand Kauri. <i>Radiocarbon</i> , 2016 , 58, 709-733	4.6	26
76	Reconstruction of New Zealand climate indices back to AD 1731 using dendroclimatic techniques: Some preliminary results. <i>International Journal of Climatology</i> , 1994 , 14, 1135-1149	3.5	25

(2016-2011)

75	High-Precision Radiocarbon Measurements of Tree-Ring Dated Wood from New Zealand: 195 BcAd 995. <i>Radiocarbon</i> , 2011 , 53, 529-542	4.6	24	
74	Towards a Radiocarbon Calibration for Oxygen Isotope Stage 3 Using New Zealand Kauri (Agathis Australis). <i>Radiocarbon</i> , 2007 , 49, 447-457	4.6	24	
73	Karakorum temperature out of phase with hemispheric trends for the past five centuries. <i>Climate Dynamics</i> , 2016 , 46, 1943-1952	4.2	23	
7 2	Punctuated Shutdown of Atlantic Meridional Overturning Circulation during Greenland Stadial 1. <i>Scientific Reports</i> , 2016 , 6, 25902	4.9	22	
71	The dendroclimatic potential of conifers from northern Pakistan. <i>Dendrochronologia</i> , 2011 , 29, 77-88	2.8	21	
70	Experimental reconstruction of monsoon drought variability for Australasia using tree rings and corals. <i>Geophysical Research Letters</i> , 2008 , 35, n/a-n/a	4.9	21	
69	Chronology development and climate response analysis of different New Zealand pink pine (Halocarpus biformis) tree-ring parameters. <i>Canadian Journal of Forest Research</i> , 1998 , 28, 566-573	1.9	21	
68	A 426-year floating tree-ring chronology from Phyllocladus trichomanoides buried by the Taupo eruption at Pureora, central North Island, New Zealand. <i>Journal of the Royal Society of New Zealand</i> , 1988 , 18, 407-415	2	21	
67	A dendrometer band study of the seasonal pattern of radial increment in kauri (Agathis australis). <i>New Zealand Journal of Botany</i> , 1983 , 21, 121-125	1	21	
66	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	
65	Bayesian Evaluation of the Southern Hemisphere Radiocarbon Offset during the Holocene. <i>Radiocarbon</i> , 2009 , 51, 1165-1176	4.6	20	
64	Reconstruction of New Zealand Temperatures Back to AD 1720 Using Libocedrus bidwillii Tree-Rings 2000 , 45, 339-359		20	
63	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 (Agathis australis). <i>Quaternary Science Reviews</i> , 2016 , 137, 126-134	3.9	20	
62	Archaeology: progress and pitfalls in radiocarbon dating. <i>Nature</i> , 2006 , 443, E3; discussion E4	50.4	19	
61	Does the El NiBBouthern Oscillation control the interhemispheric radiocarbon offset?. <i>Quaternary Research</i> , 2007 , 67, 174-180	1.9	18	
60	Investigating the Interhemispheric 14C Offset in the 1st Millennium AD and Assessment of Laboratory Bias and Calibration Errors. <i>Radiocarbon</i> , 2009 , 51, 1177-1186	4.6	17	
59	Structure and composition of the subalpine forest on Mount Hauhungatahi, North Island, New Zealand, during the Holocene. <i>Holocene</i> , 1997 , 7, 13-23	2.6	17	
58	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	

57	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
56	Non-uniform interhemispheric temperature trends over the past 550 years. <i>Climate Dynamics</i> , 2010 , 35, 1429-1438	4.2	16
55	ATMOSPHERIC RADIOCARBON FOR THE PERIOD 1950\(\overline{D}\)019. Radiocarbon,1-23	4.6	16
54	The scientific value and potential of New Zealand swamp kauri. <i>Quaternary Science Reviews</i> , 2018 , 183, 124-139	3.9	15
53	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
52	Problems with identifying the B200-year cold eventlin 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
51	Evidence for suppressed mid-Holocene northeastern Australian monsoon variability from coral luminescence. <i>Paleoceanography</i> , 2014 , 29, 581-594		14
50	Is there any Evidence for Regional Atmospheric 14C Offsets in the Southern Hemisphere?. <i>Radiocarbon</i> , 2013 , 55, 2029-2034	4.6	14
49	Robust Radiocarbon Dating of Wood Samples by High-Sensitivity Liquid Scintillation Spectroscopy in the 50🛮 kyr Age Range. <i>Radiocarbon</i> , 2007 , 49, 379-391	4.6	14
48	Seven centuries of reconstructed Brahmaputra River discharge demonstrate underestimated high discharge and flood hazard frequency. <i>Nature Communications</i> , 2020 , 11, 6017	17.4	14
47	Intensification of Southern Hemisphere westerly winds 2000🛮 000 years ago: evidence from the subantarctic Campbell and Auckland Islands (52🖪0ਿੱS). <i>Journal of Quaternary Science</i> , 2016 , 31, 12-19	2.3	14
46	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
45	Rapid global ocean-atmosphere response to Southern Ocean freshening during the last glacial. <i>Nature Communications</i> , 2017 , 8, 520	17.4	13
44	A palynological study of Polynesian and European effects on vegetation in Coromandel, New Zealand, showing the variability between four records from a single swamp. <i>Journal of the Royal Society of New Zealand</i> , 2002 , 32, 507-531	2	13
43	Trans-Tasman Sea climate variability since ad 1740 inferred from middle to high latitude tree-ring data. <i>Climate Dynamics</i> , 2000 , 16, 603-610	4.2	13
42	Palaeoclimate potential of New Zealand Manoao colensoi (silver pine) tree rings using Blue-Intensity (BI). <i>Dendrochronologia</i> , 2020 , 60, 125664	2.8	12
41	Wiggle-match radiocarbon dating of the Taupo eruption. <i>Nature Communications</i> , 2019 , 10, 4669	17.4	12
40	Progress in refining the global radiocarbon calibration curve using New Zealand kauri (Agathis australis) tree-ring series from Oxygen Isotope Stage 3. <i>Quaternary Geochronology</i> , 2015 , 27, 158-163	2.7	11

39	Tipping elements and amplified polar warming during the Last Interglacial. <i>Quaternary Science Reviews</i> , 2020 , 233, 106222	3.9	11
38	Lack of cool, not warm, extremes distinguishes late 20th Century climate in 979-year Tasmanian summer temperature reconstruction. <i>Environmental Research Letters</i> , 2018 , 13, 034041	6.2	11
37	Pleistocene glacial history of the New Zealand subantarctic islands. Climate of the Past, 2019, 15, 423-44	18 .9	10
36	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
35	Obliquity-driven expansion of North Atlantic sea ice during the last glacial. <i>Geophysical Research Letters</i> , 2015 , 42, 10,382	4.9	10
34	Multidecadal variations in Southern Hemisphere atmospheric 14C: Evidence against a Southern Ocean sink at the end of the Little Ice Age CO2 anomaly. <i>Global Biogeochemical Cycles</i> , 2016 , 30, 211-21	8 5.9	9
33	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 1 950. <i>Radiocarbon</i> , 2019 , 61, 1265-1291	4.6	8
32	Extreme wet conditions coincident with Bronze Age abandonment of upland areas in Britain. <i>Anthropocene</i> , 2016 , 13, 69-79	3.9	8
31	The discovery of New Zealand's oldest shipwreck [bossible evidence of further Dutch exploration of the South Pacific. <i>Journal of Archaeological Science</i> , 2014 , 42, 435-441	2.9	8
30	A 1700-year Athrotaxis selaginoides tree-ring width chronology from southeastern Australia. <i>Dendrochronologia</i> , 2017 , 45, 90-100	2.8	8
29	Cold Tropical Pacific Sea Surface Temperatures During the Late Sixteenth-Century North American Megadrought. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018 , 123, 11,307-11,320	4.4	8
28	Tropical and mid-latitude forcing of continental Antarctic temperatures. <i>Cryosphere</i> , 2015 , 9, 2405-2415	5.5	7
27	Climate/Growth Correlations of tree Species in the Indus Basin of the Karakorum Range, North Pakistan. <i>IAWA Journal</i> , 2012 , 33, 51-61	2.3	7
26	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
25	A new method for dating tree-rings in trees with faint, indeterminate ring boundaries using the Itrax core scanner. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018 , 497, 234-243	2.9	6
24	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
23	Changes in El Nië Louthern 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
22	Stratigraphy, pollen and 14C dating of Johnston's Gum Hole, a late Quaternary fossil kauri (Agathis australis) site, Northland, New Zealand. <i>Journal of Quaternary Science</i> , 2009 , 24, 47-59	2.3	6

21	Frontal fault location and most recent earthquake timing for the Alpine Fault at Whataroa, Westland, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2018 , 61, 329-340	1.6	6
20	Two climate-sensitive tree-ring chronologies from Arnhem Land, monsoonal Australia. <i>Austral Ecology</i> , 2019 , 44, 581-596	1.5	5
19	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
18	Hydroclimate extremes in a north Australian drought reconstruction asymmetrically linked with Central Pacific Sea surface temperatures. <i>Global and Planetary Change</i> , 2020 , 195, 103329	4.2	5
17	Distribution of three Hieracium species in the Mt Possession area, mid Canterbury, New Zealand. <i>New Zealand Journal of Botany</i> , 1999 , 37, 469-477	1	4
16	A comparison of two tree-ring-index standardization techniques. <i>Canadian Journal of Forest Research</i> , 1992 , 22, 1922-1928	1.9	4
15	The potential for extending Intcal04 using OIS-3 New Zealand sub-fossil Kauri. <i>PAGES News</i> , 2006 , 14, 11-12		4
14	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
13	Ring-width Variation in Sub-fossil Wood Samples as an Indicator of Short-term Solar Variability 2000 yr B.P <i>Publications of the Astronomical Society of Australia</i> , 1992 , 10, 68-70	5.5	3
12	An assessment of the potential for centennial-scale reconstruction of atmospheric circulation from selected New Zealand tree-ring chronologies. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008 , 265, 238-254	2.9	2
11	Response to Comment on "A global environmental crisis 42,000 years ago". <i>Science</i> , 2021 , 374, eabi975	6633.3	2
10	Growth response of an invasive alien species to climate variations on subantarctic Campbell Island		2
9	Pleistocene glacial history of the New Zealand subantarctic islands		2
8	Evaluating the dendroclimatological potential of blue intensity on multiple conifer species from Tasmania and New Zealand. <i>Biogeosciences</i> , 2021 , 18, 6393-6421	4.6	1
7	Advances and limitations in establishing a contiguous high-resolution atmospheric radiocarbon record derived from subfossil kauri tree rings for the interval 60½7 cal kyr BP. <i>Quaternary Geochronology</i> , 2021 , 68, 101251	2.7	1
6	A 250 year periodicity in Southern Hemisphere westerly winds over the last 2600 years		1
5	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	О
4	Reply to Comment on D rought variability in the eastern Australia and New Zealand summer drought atlas (ANZDA, CE 1500 D 012) modulated by the Interdecadal Pacific Oscillation <i>Environmental Research Letters</i> , 2017 , 12, 068002	6.2	

LIST OF PUBLICATIONS

Response to Comment on "A global environmental crisis 42,000 years ago". *Science*, **2021**, 374, eabh365**5**_{3.3}

2	Decadally Resolved Lateglacial Radiocarbon Evidence from New Zealand KaurillORRIGENDUM. <i>Radiocarbon</i> , 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. <i>Geophysical Research Letters</i> , 2021 , 48, e2020GL090299	4.9