Keith K Briffa

List of Publications by Year
in descending order

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Version: 2024-02-01

83 papers	17,602 citations	24978 57 h-index	60497 81 g-index
85 all docs	85 docs citations	85 times ranked	13161 citing authors

#	Article	IF	Citations
1	Regional curve standardization: State of the art. Holocene, 2017, 27, 172-177.	0.9	61
2	Last millennium Northern Hemisphere summer temperatures from tree rings: Part II, spatially resolved reconstructions. Quaternary Science Reviews, 2017, 163, 1-22.	1.4	165
3	Dark Ages Cold Period: A literature review and directions for future research. Holocene, 2017, 27, 1600-1606.	0.9	162
4	Internal and external forcing of multidecadal Atlantic climate variability over the past 1,200Âyears. Nature Geoscience, 2017, 10, 512-517.	5.4	191
5	Hierarchical regression models for dendroclimatic standardization and climate reconstruction. Dendrochronologia, 2017, 44, 174-186.	1.0	8
6	A Model-Based Approach to Climate Reconstruction Using Tree-Ring Data. Journal of the American Statistical Association, 2016, 111, 93-106.	1.8	43
7	Last millennium northern hemisphere summer temperatures from tree rings: Part I: The long term context. Quaternary Science Reviews, 2016, 134, 1-18.	1.4	314
8	Old World megadroughts and pluvials during the Common Era. Science Advances, 2015, 1, e1500561.	4.7	403
9	Temperature and Snow-Mediated Moisture Controls of Summer Photosynthetic Activity in Northern Terrestrial Ecosystems between 1982 and 2011. Remote Sensing, 2014, 6, 1390-1431.	1.8	98
10	A 3,500-year tree-ring record of annual precipitation on the northeastern Tibetan Plateau. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 2903-2908.	3.3	397
11	CRUST: Software for the implementation of Regional Chronology Standardisation: Part 2. Further RCS options and recommendations. Dendrochronologia, 2014, 32, 343-356.	1.0	32
12	Global warming and changes in drought. Nature Climate Change, 2014, 4, 17-22.	8.1	2,231
13	The development of Lamb weather types: from subjective analysis of weather charts to objective approaches using reanalyses. Weather, 2014, 69, 128-132.	0.6	26
14	CRUST: Software for the implementation of Regional Chronology Standardisation: Part 1. Signal-Free RCS. Dendrochronologia, 2014, 32, 7-20.	1.0	101
15	Estimates of the North Atlantic Oscillation back to 1692 using a Parisâ€“London westerly index. International Journal of Climatology, 2013, 33, 228-248.	1.5	31
16	A millennial long Marchâ€“July precipitation reconstruction for southern-central England. Climate Dynamics, 2013, 40, 997-1017.	1.7	88
17	A tree-ring reconstruction of East Anglian (UK) hydroclimate variability over the last millennium. Climate Dynamics, 2013, 40, 1019-1039.	1.7	55
18	Potential bias in â€˜updatingâ€™ tree-ring chronologies using regional curve standardisation: Re-processing 1500 years of TornetrÃsk density and ring-width data. Holocene, 2013, 23, 364-373.	0.9	92

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19	Largeâ€scale variations in the vegetation growing season and annual cycle of atmospheric <scp><scp>CO₂</scp></scp> at high northern latitudes from 1950 to 2011. Global Change Biology, 2013, 19, 3167-3183.	4.2	273
20	Reassessing the evidence for tree-growth and inferred temperature change during the Common Era in Yamalia, northwest Siberia. Quaternary Science Reviews, 2013, 72, 83-107.	1.4	91
21	Climate Control on Tree Growth at the Upper and Lower Treelines: A Case Study in the Qilian Mountains, Tibetan Plateau. PLoS ONE, 2013, 8, e69065.	1.1	57
22	Radial Growth of Qilian Juniper on the Northeast Tibetan Plateau and Potential Climate Associations. PLoS ONE, 2013, 8, e79362.	1.1	26
23	Tree rings and volcanic cooling. Nature Geoscience, 2012, 5, 836-837.	5.4	137
24	A daily series of mean seaâ€level pressure for London, 1692â€“2007. International Journal of Climatology, 2012, 32, 641-656.	1.5	28
25	A daily series of mean seaâ€level pressure for Paris, 1670â€“2007. International Journal of Climatology, 2012, 32, 1135-1150.	1.5	27
26	Atmosphere and ocean dynamics: contributors to the European Little Ice Age?. Climate Dynamics, 2011, 36, 973-987.	1.7	21
27	A Closer Look at Regional Curve Standardization of Tree-Ring Records: Justification of the Need, a Warning of Some Pitfalls, and Suggested Improvements in Its Application. Developments in Paleoenvironmental Research, 2011, , 113-145.	7.5	143
28	Sensitivity of climate response to variations in freshwater hosing location. Ocean Dynamics, 2009, 59, 509-521.	0.9	21
29	High-resolution palaeoclimatology of the last millennium: a review of current status and future prospects. Holocene, 2009, 19, 3-49.	0.9	588
30	Recent Warming Reverses Long-Term Arctic Cooling. Science, 2009, 325, 1236-1239.	6.0	585
31	A â€œsignal-freeâ€•approach to dendroclimatic standardisation. Dendrochronologia, 2008, 26, 71-86.	1.0	430
32	Trends in recent temperature and radial tree growth spanning 2000 years across northwest Eurasia. Philosophical Transactions of the Royal Society B: Biological Sciences, 2008, 363, 2269-2282.	1.8	128
33	Exploring an ensemble approach to estimating skill in multiproxy palaeoclimate reconstructions. Holocene, 2007, 17, 119-129.	0.9	4
34	Time-varying-response smoothing. Dendrochronologia, 2007, 25, 65-69.	1.0	106
35	Influence of large-scale atmospheric circulation on climate variability in the Greater Alpine Region of Europe. Journal of Geophysical Research, 2007, 112, .	3.3	43
36	HISTALPâ€”historical instrumental climatological surface time series of the Greater Alpine Region. International Journal of Climatology, 2007, 27, 17-46.	1.5	828

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37	Treeâ€ring growth variability in the Austrian Alps: the influence of site, altitude, tree species and climate. Boreas, 2007, 36, 426-440.	1.2	54
38	Two-hundred-fifty years of reconstructed and modeled tropical temperatures. Journal of Geophysical Research, 2006, 111, .	3.3	74
39	Construction of a 10-min-gridded precipitation data set for the Greater Alpine Region for 1800â€“2003. Journal of Geophysical Research, 2006, 111, .	3.3	92
40	Simulated climate change during the last 1,000Âyears: comparing the ECHO-G general circulation model with the MAGICC simple climate model. Climate Dynamics, 2006, 27, 185-197.	1.7	58
41	Summer Moisture Variability across Europe. Journal of Climate, 2006, 19, 2818-2834.	1.2	234
42	First cross-matched floating chronology from the marine fossil record: data from growth lines of the long-lived bivalve mollusc Arctica islandica. Holocene, 2006, 16, 967-974.	0.9	108
43	The Spatial Extent of 20th-Century Warmth in the Context of the Past 1200 Years. Science, 2006, 311, 841-844.	6.0	236
44	The â€˜little ice ageâ€™: reâ€evaluation of an evolving concept. Geografiska Annaler, Series A: Physical Geography, 2005, 87, 17-36.	0.6	423
45	A new instrumental precipitation dataset for the greater alpine region for the period 1800-2002. International Journal of Climatology, 2005, 25, 139-166.	1.5	175
46	Proxy-Based Northern Hemisphere Surface Temperature Reconstructions: Sensitivity to Method, Predictor Network, Target Season, and Target Domain. Journal of Climate, 2005, 18, 2308-2329.	1.2	198
47	Effect of scaling and regression on reconstructed temperature amplitude for the past millennium. Geophysical Research Letters, 2005, 32, n/a-n/a.	1.5	188
48	CLIMATE: The Real Color of Climate Change?. Science, 2004, 306, 621-622.	6.0	31
49	Holocene climate dynamics in Fennoscandia and the North Atlantic. , 2004, , 465-494.		46
50	Large-scale temperature inferences from tree rings: a review. Global and Planetary Change, 2004, 40, 11-26.	1.6	317
51	Pressure-based measures of the North Atlantic Oscillation (NAO): A comparison and an assessment of changes in the strength of the NAO and in its influence on surface climate parameters. Geophysical Monograph Series, 2003, , 51-62.	0.1	101
52	On past temperatures and anomalous late-20th-century warmth. Eos, 2003, 84, 256-256.	0.1	95
53	PALEOCLIMATE: Blowing Hot and Cold. Science, 2002, 295, 2227-2228.	6.0	118
54	Tree-ring width and density data around the Northern Hemisphere: Part 2, spatio-temporal variability and associated climate patterns. Holocene, 2002, 12, 759-789.	0.9	138

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55	A 7400-year tree-ring chronology in northern Swedish Lapland: natural climatic variability expressed on annual to millennial timescales. Holocene, 2002, 12, 657-665.	0.9	342
56	Relationships between circulation strength and the variability of growing-season and cold-season climate in northern and central Europe. Holocene, 2002, 12, 643-656.	0.9	74
57	The supra-long Scots pine tree-ring record for Finnish Lapland: Part 1, chronology construction and initial inferences. Holocene, 2002, 12, 673-680.	0.9	149
58	ADVANCE-10K: a European contribution towards a hemispheric dendroclimatology for the Holocene. Holocene, 2002, 12, 639-642.	0.9	20
59	The climatic interpretation of pan-European signature years in oak ring-width series. Holocene, 2002, 12, 689-694.	0.9	69
60	Depositional frequency of German subfossil oaks: climatically and non-climatically induced fluctuations in the Holocene. Holocene, 2002, 12, 707-715.	0.9	106
61	A Comparison of the Variability of a Climate Model with Paleotemperature Estimates from a Network of Tree-Ring Densities. Journal of Climate, 2002, 15, 1497-1515.	1.2	56
62	Tree-ring width and density data around the Northern Hemisphere: Part 1, local and regional climate signals. Holocene, 2002, 12, 737-757.	0.9	310
63	Reconstructing late Holocene climate. Eos, 2001, 82, 553-553.	0.1	4
64	Low-frequency temperature variations from a northern tree ring density network. Journal of Geophysical Research, 2001, 106, 2929-2941.	3.3	532
65	The Evolution of Climate Over the Last Millennium. Science, 2001, 292, 662-667.	6.0	529
66	Climate variability 50,000â€‰years ago in mid-latitude Chile as reconstructed from tree rings. Nature, 2001, 410, 567-570.	13.7	78
67	Annual climate variability in the Holocene: interpreting the message of ancient trees. Quaternary Science Reviews, 2000, 19, 87-105.	1.4	502
68	Swedish tree rings provide new evidence in support of a major, widespread environmental disruption in 1628 BC. Geophysical Research Letters, 2000, 27, 2957-2960.	1.5	31
69	Evaluation of the North Atlantic Oscillation as simulated by a coupled climate model. Climate Dynamics, 1999, 15, 685-702.	1.7	286
70	CLIMATE WARMING:Seeing the Wood from the Trees. Science, 1999, 284, 926-927.	6.0	82
71	Analysis of Dendrochronological Variability and Associated Natural Climates in Eurasia â€“ the last 10,000 years (ADVANCEâ€“10K). PAGES News, 1999, 7, 6-8.	0.3	9
72	Influence of volcanic eruptions on Northern Hemisphere summer temperature over the past 600 years. Nature, 1998, 393, 450-455.	13.7	728

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73	Reduced sensitivity of recent tree-growth to temperature at high northern latitudes. Nature, 1998, 391, 678-682.	13.7	658
74	A reconstruction of the North Atlantic Oscillation using tree-ring chronologies from North America and Europe. Holocene, 1998, 8, 9-17.	0.9	294
75	Tree-Ring Density Networks for Climate Reconstruction. , 1996, , 43-66.		68
76	Tree-ring variables as proxy-climate indicators: Problems with low-frequency signals. , 1996, , 9-41.		164
77	Unusual twentieth-century summer warmth in a 1,000-year temperature record from Siberia. Nature, 1995, 376, 156-159.	13.7	270
78	The 'segment length curse' in long tree-ring chronology development for palaeoclimatic studies. Holocene, 1995, 5, 229-237.	0.9	602
79	Interpreting High-Resolution Proxy Climate Data â€" The Example of Dendroclimatology. , 1995, , 77-94.		96
80	Spatial regression methods in dendroclimatology: A review and comparison of two techniques. International Journal of Climatology, 1994, 14, 379-402.	1.5	491
81	Nao and sea surface temperature signatures in tree-ring records from the North Atlantic sector. Quaternary Science Reviews, 1993, 12, 431-440.	1.4	74
82	Summer Temperature Patterns over Europe: A Reconstruction from 1750 A.D. Based on Maximum Latewood Density Indices of Conifers. Quaternary Research, 1988, 30, 36-52.	1.0	126
83	Radiodensitometricâ€dendroclimatological conifer chronologies from Lapland (Scandinavia) and the Alps (Switzerland). Boreas, 1988, 17, 559-566.	1.2	128