

Philip D Jones

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.

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|--------------------|--------------------------|----------------|-----------------|
| 162 papers | 27,237 citations | 69 h-index | 165 g-index |
| 180 ext. papers | 30,647 ext. citations | 7.9 avg, IF | 7.43 L-index |

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 162 | Reply to Weiss: Tree-ring stable oxygen isotopes suggest an increase in Asian monsoon rainfall at 4.2 ka BP.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119, e2204067119 | 11.5 | |
| 161 | Long-term decrease in Asian monsoon rainfall and abrupt climate change events over the past 6,700 years. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118, | 11.5 | 23 |
| 160 | Land Surface Air Temperature Variations Across the Globe Updated to 2019: The CRUTEM5 Data Set. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021 , 126, e2019JD032352 | 4.4 | 21 |
| 159 | An Updated Assessment of Near-Surface Temperature Change From 1850: The HadCRUT5 Data Set. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021 , 126, e2019JD032361 | 4.4 | 75 |
| 158 | The Extreme Positive Indian Ocean Dipole of 2019 and Associated Indian Summer Monsoon Rainfall Response. <i>Geophysical Research Letters</i> , 2021 , 48, e2020GL091497 | 4.9 | 15 |
| 157 | Six hundred years of South American tree rings reveal an increase in severe hydroclimatic events since mid-20th century. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 16816-16823 | 11.5 | 51 |
| 156 | Version 4 of the CRU TS monthly high-resolution gridded multivariate climate dataset. <i>Scientific Data</i> , 2020 , 7, 109 | 8.2 | 697 |
| 155 | Global Climate. <i>Bulletin of the American Meteorological Society</i> , 2020 , 101, S9-S128 | 6.1 | 26 |
| 154 | Mechanisms of Winter Precipitation Variability in the EuropeanMediterranean Region Associated with the North Atlantic Oscillation. <i>Journal of Climate</i> , 2020 , 33, 7179-7196 | 4.4 | 13 |
| 153 | The Influence of Atlantic Variability on Asian Summer Climate Is Sensitive to the Pattern of the Sea Surface Temperature Anomaly. <i>Journal of Climate</i> , 2020 , 33, 7567-7590 | 4.4 | 3 |
| 152 | Global Mean Surface Temperature Response to Large-Scale Patterns of Variability in Observations and CMIP5. <i>Geophysical Research Letters</i> , 2019 , 46, 2232-2241 | 4.9 | 18 |
| 151 | Climate Variability and Change of Mediterranean-Type Climates. <i>Journal of Climate</i> , 2019 , 32, 2887-2915 | 4.4 | 69 |
| 150 | Global and regional impacts of climate change at different levels of global temperature increase. <i>Climatic Change</i> , 2019 , 155, 377-391 | 4.5 | 64 |
| 149 | Producing Policy-relevant Science by Enhancing Robustness and Model Integration for the Assessment of Global Environmental Change. <i>Environmental Modelling and Software</i> , 2019 , 111, 248-258 | 5.2 | 3 |
| 148 | The global and regional impacts of climate change under representative concentration pathway forcings and shared socioeconomic pathway socioeconomic scenarios. <i>Environmental Research Letters</i> , 2019 , 14, 084046 | 6.2 | 24 |
| 147 | The impact of proxy selection strategies on a millennium-long ensemble of hydroclimatic records in Monsoon Asia. <i>Quaternary Science Reviews</i> , 2019 , 223, 105917 | 3.9 | 6 |
| 146 | Identifying teleconnections and multidecadal variability of East Asian surface temperature during the last millennium in CMIP5 simulations. <i>Climate of the Past</i> , 2019 , 15, 1825-1844 | 3.9 | 7 |

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|-----|---|------|-----|
| 145 | Reconstruction of Lamb weather type series back to the eighteenth century. <i>Climate Dynamics</i> , 2019 , 52, 6131-6148 | 4.2 | 2 |
| 144 | Definition of a temporal distribution index for high temporal resolution precipitation data over Peninsular Spain and the Balearic Islands: the fractal dimension; and its synoptic implications. <i>Climate Dynamics</i> , 2019 , 52, 439-456 | 4.2 | 4 |
| 143 | Keeping global warming within 1.5 °C constrains emergence of aridification. <i>Nature Climate Change</i> , 2018 , 8, 70-74 | 21.4 | 96 |
| 142 | The impacts avoided with a 1.5 °C climate target: a global and regional assessment. <i>Climatic Change</i> , 2018 , 147, 61-76 | 4.5 | 18 |
| 141 | Climate Record: Surface Temperature Trends ? 2018 , | | |
| 140 | Limiting global-mean temperature increase to 1.5-2 °C could reduce the incidence and spatial spread of dengue fever in Latin America. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 6243-6248 | 11.5 | 25 |
| 139 | Causes of East Asian Temperature Multidecadal Variability Since 850 CE. <i>Geophysical Research Letters</i> , 2018 , 45, 13,485 | 4.9 | 12 |
| 138 | Performance of Pattern-Scaled Climate Projections under High-End Warming. Part I: Surface Air Temperature over Land. <i>Journal of Climate</i> , 2018 , 31, 5667-5680 | 4.4 | 13 |
| 137 | A 305-year continuous monthly rainfall series for the island of Ireland (1711-2016). <i>Climate of the Past</i> , 2018 , 14, 413-440 | 3.9 | 27 |
| 136 | Estimating Changes in Global Temperature since the Preindustrial Period. <i>Bulletin of the American Meteorological Society</i> , 2017 , 98, 1841-1856 | 6.1 | 182 |
| 135 | Last millennium Northern Hemisphere summer temperatures from tree rings: Part II, spatially resolved reconstructions. <i>Quaternary Science Reviews</i> , 2017 , 163, 1-22 | 3.9 | 112 |
| 134 | Internal and external forcing of multidecadal Atlantic climate variability over the past 1,200 years. <i>Nature Geoscience</i> , 2017 , 10, 512-517 | 18.3 | 127 |
| 133 | Twentieth-Century Trends in the Annual Cycle of Temperature across the Northern Hemisphere. <i>Journal of Climate</i> , 2017 , 30, 5755-5773 | 4.4 | 13 |
| 132 | A Call for New Approaches to Quantifying Biases in Observations of Sea Surface Temperature. <i>Bulletin of the American Meteorological Society</i> , 2017 , 98, 1601-1616 | 6.1 | 55 |
| 131 | Hydropower plans in eastern and southern Africa increase risk of concurrent climate-related electricity supply disruption. <i>Nature Energy</i> , 2017 , 2, 946-953 | 62.3 | 61 |
| 130 | Recent United Kingdom and global temperature variations. <i>Weather</i> , 2017 , 72, 323-329 | 0.9 | 7 |
| 129 | Moisture transport by Atlantic tropical cyclones onto the North American continent. <i>Climate Dynamics</i> , 2017 , 48, 3161-3182 | 4.2 | 7 |
| 128 | Using ERA-Interim reanalysis for creating datasets of energy-relevant climate variables. <i>Earth System Science Data</i> , 2017 , 9, 471-495 | 10.5 | 25 |

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|-----|---|------|------|
| 127 | Pattern scaling using ClimGen: monthly-resolution future climate scenarios including changes in the variability of precipitation. <i>Climatic Change</i> , 2016 , 134, 353-369 | 4.5 | 46 |
| 126 | Global-scale climate impact functions: the relationship between climate forcing and impact. <i>Climatic Change</i> , 2016 , 134, 475-487 | 4.5 | 30 |
| 125 | Different atmospheric moisture divergence responses to extreme and moderate El Niños. <i>Climate Dynamics</i> , 2016 , 47, 393-410 | 4.2 | 10 |
| 124 | The impacts of climate change across the globe: A multi-sectoral assessment. <i>Climatic Change</i> , 2016 , 134, 457-474 | 4.5 | 72 |
| 123 | Last millennium northern hemisphere summer temperatures from tree rings: Part I: The long term context. <i>Quaternary Science Reviews</i> , 2016 , 134, 1-18 | 3.9 | 223 |
| 122 | Long-term trends in precipitation and temperature across the Caribbean. <i>International Journal of Climatology</i> , 2016 , 36, 3314-3333 | 3.5 | 40 |
| 121 | A New Estimation of Urbanization's Contribution to the Warming Trend in China. <i>Journal of Climate</i> , 2015 , 28, 8923-8938 | 4.4 | 53 |
| 120 | Climate and southern Africa's water-energy-food nexus. <i>Nature Climate Change</i> , 2015 , 5, 837-846 | 21.4 | 243 |
| 119 | Challenges in Quantifying Changes in the Global Water Cycle. <i>Bulletin of the American Meteorological Society</i> , 2015 , 96, 1097-1115 | 6.1 | 168 |
| 118 | Recent seasonal asymmetric changes in the NAO (a marked summer decline and increased winter variability) and associated changes in the AO and Greenland Blocking Index. <i>International Journal of Climatology</i> , 2015 , 35, 2540-2554 | 3.5 | 119 |
| 117 | Global warming and changes in drought. <i>Nature Climate Change</i> , 2014 , 4, 17-22 | 21.4 | 1560 |
| 116 | The development of Lamb weather types: from subjective analysis of weather charts to objective approaches using reanalyses. <i>Weather</i> , 2014 , 69, 128-132 | 0.9 | 19 |
| 115 | Temperature and Snow-Mediated Moisture Controls of Summer Photosynthetic Activity in Northern Terrestrial Ecosystems between 1982 and 2011. <i>Remote Sensing</i> , 2014 , 6, 1390-1431 | 5 | 71 |
| 114 | A 3,500-year tree-ring record of annual precipitation on the northeastern Tibetan Plateau. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 2903-8 | 11.5 | 325 |
| 113 | The influence of synoptic weather regimes on UK air quality: analysis of satellite column NO ₂ . <i>Atmospheric Science Letters</i> , 2014 , 15, 211-217 | 2.4 | 33 |
| 112 | Updated high-resolution grids of monthly climatic observations – the CRU TS3.10 Dataset. <i>International Journal of Climatology</i> , 2014 , 34, 623-642 | 3.5 | 4318 |
| 111 | The CRUTEM4 land-surface air temperature data set: construction, previous versions and dissemination via Google Earth. <i>Earth System Science Data</i> , 2014 , 6, 61-68 | 10.5 | 113 |
| 110 | Estimates of the North Atlantic Oscillation back to 1692 using a Paris-London westerly index. <i>International Journal of Climatology</i> , 2013 , 33, 228-248 | 3.5 | 25 |

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| 109 | The AVOID programme's new simulations of the global benefits of stringent climate change mitigation. <i>Climatic Change</i> , 2013 , 120, 55-70 | 4.5 | 17 |
| 108 | Sudden stratospheric warmings and tropospheric blockings in a multi-century simulation of the IPSL-CM5A coupled climate model. <i>Climate Dynamics</i> , 2013 , 40, 2401-2414 | 4.2 | 13 |
| 107 | Causes of Robust Seasonal Land Precipitation Changes*. <i>Journal of Climate</i> , 2013 , 26, 6679-6697 | 4.4 | 48 |
| 106 | Large-scale variations in the vegetation growing season and annual cycle of atmospheric CO ₂ at high northern latitudes from 1950 to 2011. <i>Global Change Biology</i> , 2013 , 19, 3167-83 | 11.4 | 206 |
| 105 | A global assessment of the effects of climate policy on the impacts of climate change. <i>Nature Climate Change</i> , 2013 , 3, 512-519 | 21.4 | 76 |
| 104 | Reassessing the evidence for tree-growth and inferred temperature change during the Common Era in Yamalia, northwest Siberia. <i>Quaternary Science Reviews</i> , 2013 , 72, 83-107 | 3.9 | 73 |
| 103 | Quantifying the benefit of early climate change mitigation in avoiding biodiversity loss. <i>Nature Climate Change</i> , 2013 , 3, 678-682 | 21.4 | 221 |
| 102 | Independent confirmation of global land warming without the use of station temperatures. <i>Geophysical Research Letters</i> , 2013 , 40, 3170-3174 | 4.9 | 38 |
| 101 | Claim of solar influence is on thin ice: are 11-year cycle solar minima associated with severe winters in Europe?. <i>Environmental Research Letters</i> , 2013 , 8, 024014 | 6.2 | 12 |
| 100 | A daily series of mean sea-level pressure for London, 1692-2007. <i>International Journal of Climatology</i> , 2012 , 32, 641-656 | 3.5 | 22 |
| 99 | A daily series of mean sea-level pressure for Paris, 1670-2007. <i>International Journal of Climatology</i> , 2012 , 32, 1135-1150 | 3.5 | 17 |
| 98 | Hemispheric and large-scale land-surface air temperature variations: An extensive revision and an update to 2010. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a | | 531 |
| 97 | Thermal growing season and timing of biospheric carbon uptake across the Northern Hemisphere. <i>Global Biogeochemical Cycles</i> , 2012 , 26, n/a-n/a | 5.9 | 52 |
| 96 | How will organic carbon stocks in mineral soils evolve under future climate? Global projections using RothC for a range of climate change scenarios. <i>Biogeosciences</i> , 2012 , 9, 3151-3171 | 4.6 | 76 |
| 95 | The influence of synoptic airflow on UK daily precipitation extremes. Part II: regional climate model and E-OBS data validation. <i>Climate Dynamics</i> , 2012 , 39, 287-301 | 4.2 | 26 |
| 94 | Assessment of atmosphere-ocean general circulation model simulations of winter northern hemisphere atmospheric blocking. <i>Climate Dynamics</i> , 2012 , 39, 95-112 | 4.2 | 45 |
| 93 | European drought regimes under mitigated and unmitigated climate change: application of the Community Integrated Assessment System (CIAS). <i>Climate Research</i> , 2012 , 51, 105-123 | 1.6 | 9 |
| 92 | Uncertainty in climate change impacts on basin-scale freshwater resources [preface to the special issue: the QUEST-GSI methodology and synthesis of results. <i>Hydrology and Earth System Sciences</i> , 2011 , 15, 1035-1046 | 5.5 | 67 |

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| 91 | The influence of synoptic airflow on UK daily precipitation extremes. Part I: Observed spatio-temporal relationships. <i>Climate Dynamics</i> , 2011 , 36, 261-275 | 4.2 | 45 |
| 90 | Atmosphere and ocean dynamics: contributors to the European Little Ice Age?. <i>Climate Dynamics</i> , 2011 , 36, 973-987 | 4.2 | 18 |
| 89 | Winter 2009/2010 temperatures and a record-breaking North Atlantic Oscillation index. <i>Weather</i> , 2011 , 66, 19-21 | 0.9 | 101 |
| 88 | Decadal variations in the nocturnal heat island of London. <i>Weather</i> , 2011 , 66, 59-64 | 0.9 | 24 |
| 87 | A Linked Data Approach to Publishing Complex Scientific Workflows 2011 , | | 5 |
| 86 | Variability and Changes in the North Atlantic Oscillation Index. <i>Advances in Global Change Research</i> , 2011 , 9-22 | 1.2 | 11 |
| 85 | A comparison of large scale changes in surface humidity over land in observations and CMIP3 general circulation models. <i>Environmental Research Letters</i> , 2010 , 5, 025210 | 6.2 | 50 |
| 84 | The early instrumental warm-bias: a solution for long central European temperature series 1760-2007. <i>Climatic Change</i> , 2010 , 101, 41-67 | 4.5 | 139 |
| 83 | Synoptic airflow and UK daily precipitation extremes. <i>Extremes</i> , 2010 , 13, 133-153 | 0.7 | 37 |
| 82 | Observed and modelled influence of atmospheric circulation on central England temperature extremes. <i>International Journal of Climatology</i> , 2009 , 29, 1642-1660 | 3.5 | 24 |
| 81 | The annual cycle of heavy precipitation across the United Kingdom: a model based on extreme value statistics. <i>International Journal of Climatology</i> , 2009 , 29, 1731-1744 | 3.5 | 39 |
| 80 | Sensitivity of climate response to variations in freshwater hosing location. <i>Ocean Dynamics</i> , 2009 , 59, 509-521 | 2.3 | 20 |
| 79 | Modelling seasonality in extreme precipitation. <i>European Physical Journal: Special Topics</i> , 2009 , 174, 99-111 | 1.1 | 37 |
| 78 | High-resolution palaeoclimatology of the last millennium: a review of current status and future prospects. <i>Holocene</i> , 2009 , 19, 3-49 | 2.6 | 499 |
| 77 | Using expert knowledge to assess uncertainties in future polar bear populations under climate change. <i>Journal of Applied Ecology</i> , 2008 , 45, 1649-1659 | 5.8 | 57 |
| 76 | Reply by Tim Osborn. <i>Weather</i> , 2008 , 63, 319-319 | 0.9 | |
| 75 | United Kingdom daily precipitation intensity: improved early data, error estimates and an update from 2000 to 2006. <i>International Journal of Climatology</i> , 2008 , 28, 833-842 | 3.5 | 82 |
| 74 | Development and illustrative outputs of the Community Integrated Assessment System (CIAS), a multi-institutional modular integrated assessment approach for modelling climate change. <i>Environmental Modelling and Software</i> , 2008 , 23, 592-610 | 5.2 | 38 |

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|----|--|------|------|
| 73 | Simulation of ENSO forcings on U.S. drought by the HadCM3 coupled climate model. <i>Journal of Geophysical Research</i> , 2007 , 112, | | 5 |
| 72 | Millennial temperature reconstruction intercomparison and evaluation. <i>Climate of the Past</i> , 2007 , 3, 591-609 | 3.3 | 96 |
| 71 | Attribution of observed surface humidity changes to human influence. <i>Nature</i> , 2007 , 449, 710-2 | 50.4 | 255 |
| 70 | Exploring an ensemble approach to estimating skill in multiproxy palaeoclimate reconstructions. <i>Holocene</i> , 2007 , 17, 119-129 | 2.6 | 4 |
| 69 | Summer Moisture Variability across Europe. <i>Journal of Climate</i> , 2006 , 19, 2818-2834 | 4.4 | 212 |
| 68 | The spatial extent of 20th-century warmth in the context of the past 1200 years. <i>Science</i> , 2006 , 311, 841-4 | 33.3 | 206 |
| 67 | Two-hundred-fifty years of reconstructed and modeled tropical temperatures. <i>Journal of Geophysical Research</i> , 2006 , 111, | | 64 |
| 66 | Summer moisture availability across North America. <i>Journal of Geophysical Research</i> , 2006 , 111, | | 42 |
| 65 | Recent variations in the winter North Atlantic Oscillation. <i>Weather</i> , 2006 , 61, 353-355 | 0.9 | 99 |
| 64 | Simulated climate change during the last 1,000 years: comparing the ECHO-G general circulation model with the MAGICC simple climate model. <i>Climate Dynamics</i> , 2006 , 27, 185-197 | 4.2 | 53 |
| 63 | The impact of natural and anthropogenic forcings on climate and hydrology since 1550. <i>Climate Dynamics</i> , 2006 , 28, 3-34 | 4.2 | 98 |
| 62 | Towards a vulnerability assessment of the UK and northern European coasts: the role of regional climate variability. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2005 , 363, 1329-58 | 3 | 59 |
| 61 | Trends in indices for extremes in daily temperature and precipitation in central and western Europe, 1901-99. <i>International Journal of Climatology</i> , 2005 , 25, 1149-1171 | 3.5 | 275 |
| 60 | An improved method of constructing a database of monthly climate observations and associated high-resolution grids. <i>International Journal of Climatology</i> , 2005 , 25, 693-712 | 3.5 | 3253 |
| 59 | Proxy-Based Northern Hemisphere Surface Temperature Reconstructions: Sensitivity to Method, Predictor Network, Target Season, and Target Domain. <i>Journal of Climate</i> , 2005 , 18, 2308-2329 | 4.4 | 181 |
| 58 | Climate. The real color of climate change?. <i>Science</i> , 2004 , 306, 621-2 | 33.3 | 26 |
| 57 | Simulating the winter North Atlantic Oscillation: the roles of internal variability and greenhouse gas forcing. <i>Climate Dynamics</i> , 2004 , 22, 605-623 | 4.2 | 171 |
| 56 | Climate impact of the European winter blocking episodes from the NCEP/NCAR Reanalyses. <i>Climate Dynamics</i> , 2004 , 23, 17-28 | 4.2 | 159 |

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|----|---|------|-----|
| 55 | Regional climate model simulations of daily maximum and minimum near-surface temperatures across Europe compared with observed station data 1961–1990. <i>Climate Dynamics</i> , 2004 , 23, 695-715 | 4.2 | 66 |
| 54 | North Atlantic oscillation influence on precipitation, river flow and water resources in the Iberian Peninsula. <i>International Journal of Climatology</i> , 2004 , 24, 925-944 | 3.5 | 513 |
| 53 | Large-scale temperature inferences from tree rings: a review. <i>Global and Planetary Change</i> , 2004 , 40, 11-26 | 4.2 | 271 |
| 52 | Probable causes of late twentieth century tropospheric temperature trends. <i>Climate Dynamics</i> , 2003 , 21, 573-591 | 4.2 | 34 |
| 51 | Dendroclimatic signals in long tree-ring chronologies from the Himalayas of Nepal. <i>International Journal of Climatology</i> , 2003 , 23, 707-732 | 3.5 | 232 |
| 50 | The role of the oceans in climate. <i>International Journal of Climatology</i> , 2003 , 23, 1127-1159 | 3.5 | 89 |
| 49 | Were southern Swedish summer temperatures before 1860 as warm as measured?. <i>International Journal of Climatology</i> , 2003 , 23, 1495-1521 | 3.5 | 84 |
| 48 | 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. <i>Geophysical Monograph Series</i> , 2003 , 51-62 | 1.1 | 91 |
| 47 | Global surface temperatures over the past two millennia. <i>Geophysical Research Letters</i> , 2003 , 30, | 4.9 | 518 |
| 46 | Changes in climate and variability over the last 1000 years. <i>International Geophysics</i> , 2002 , 83, 133-142 | | 5 |
| 45 | Paleoclimate. Blowing hot and cold. <i>Science</i> , 2002 , 295, 2227-8 | 33.3 | 101 |
| 44 | Tree-ring width and density data around the Northern Hemisphere: Part 2, spatio-temporal variability and associated climate patterns. <i>Holocene</i> , 2002 , 12, 759-789 | 2.6 | 123 |
| 43 | A 7400-year tree-ring chronology in northern Swedish Lapland: natural climatic variability expressed on annual to millennial timescales. <i>Holocene</i> , 2002 , 12, 657-665 | 2.6 | 306 |
| 42 | Relationships between circulation strength and the variability of growing-season and cold-season climate in northern and central Europe. <i>Holocene</i> , 2002 , 12, 643-656 | 2.6 | 65 |
| 41 | Evidence for trends in heavy rainfall events over the UK. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2002 , 360, 1313-25 | 3 | 90 |
| 40 | A Comparison of the Variability of a Climate Model with Paleotemperature Estimates from a Network of Tree-Ring Densities. <i>Journal of Climate</i> , 2002 , 15, 1497-1515 | 4.4 | 47 |
| 39 | The North Atlantic Oscillation influence on Europe: climate impacts and associated physical mechanisms. <i>Climate Research</i> , 2002 , 20, 9-17 | 1.6 | 474 |
| 38 | Tree-ring width and density data around the Northern Hemisphere: Part 1, local and regional climate signals. <i>Holocene</i> , 2002 , 12, 737-757 | 2.6 | 276 |

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|----|---|------|-----|
| 37 | Air flow influences on local climate: comparison of a regional climate model with observations over the United Kingdom. <i>Climate Research</i> , 2002 , 20, 189-202 | 1.6 | 14 |
| 36 | Recent and future modulation of the annual cycle. <i>Climate Research</i> , 2002 , 22, 1-11 | 1.6 | 46 |
| 35 | Use of an upwelling-diffusion energy balance climate model to simulate and diagnose A/OGCM results. <i>Climate Dynamics</i> , 2001 , 17, 601-613 | 4.2 | 69 |
| 34 | Rayleigh-B ard convection as a tool for studying dust devils. <i>Atmospheric Science Letters</i> , 2001 , 2, 132-142 | 4.4 | 1 |
| 33 | Climate variability 50,000 years ago in mid-latitude Chile as reconstructed from tree rings. <i>Nature</i> , 2001 , 410, 567-70 | 50.4 | 66 |
| 32 | Low-frequency temperature variations from a northern tree ring density network. <i>Journal of Geophysical Research</i> , 2001 , 106, 2929-2941 | | 462 |
| 31 | The evolution of climate over the last millennium. <i>Science</i> , 2001 , 292, 662-7 | 33.3 | 461 |
| 30 | The scope of Medieval warming. <i>Science</i> , 2001 , 292, 2011-2 | 33.3 | 25 |
| 29 | Instrumental Temperature Change in the Context of the Last 1000 Years 2001 , 55-68 | | 2 |
| 28 | Early European Instrumental Records 2001 , 55-77 | | 25 |
| 27 | . <i>International Journal of Climatology</i> , 2000 , 20, 347-364 | 3.5 | 314 |
| 26 | Air flow influences on local climate: observed United Kingdom climate variations. <i>Atmospheric Science Letters</i> , 2000 , 1, 62-74 | 2.4 | 20 |
| 25 | The Arctic Ocean Response to the North Atlantic Oscillation. <i>Journal of Climate</i> , 2000 , 13, 2671-2696 | 4.4 | 467 |
| 24 | Observed trends in the daily intensity of United Kingdom precipitation 2000 , 20, 347 | | 1 |
| 23 | Evaluation of the North Atlantic Oscillation as simulated by a coupled climate model. <i>Climate Dynamics</i> , 1999 , 15, 685-702 | 4.2 | 259 |
| 22 | CLIMATE WARMING: Seeing the Wood from the Trees. <i>Science</i> , 1999 , 284, 926-927 | 33.3 | 64 |
| 21 | Air flow influences on local climate: observed and simulated mean relationships for the United Kingdom. <i>Climate Research</i> , 1999 , 13, 173-191 | 1.6 | 32 |
| 20 | Influence of volcanic eruptions on Northern Hemisphere summer temperature over the past 600 years. <i>Nature</i> , 1998 , 393, 450-455 | 50.4 | 619 |

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|----|--|------|-----|
| 19 | Reduced sensitivity of recent tree-growth to temperature at high northern latitudes. <i>Nature</i> , 1998 , 391, 678-682 | 50.4 | 573 |
| 18 | Evaluation of the European daily precipitation characteristics from the atmospheric model intercomparison project. <i>International Journal of Climatology</i> , 1998 , 18, 505-522 | 3.5 | 38 |
| 17 | Trees tell of past climates: but are they speaking less clearly today?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1998 , 353, 65-73 | 5.8 | 205 |
| 16 | Precipitation sensitivity to global warming: Comparison of observations with HadCM2 simulations. <i>Geophysical Research Letters</i> , 1998 , 25, 3379-3382 | 4.9 | 268 |
| 15 | The Vertical Component of Epineutral Diffusion and the Dianeutral Component of Horizontal Diffusion. <i>Journal of Physical Oceanography</i> , 1998 , 28, 485-494 | 2.4 | 9 |
| 14 | Climatic Change and Long-Term Climatic Variability 1998 , 337-363 | | 5 |
| 13 | Development of a Relationship between Station and Grid-Box Rainday Frequencies for Climate Model Evaluation. <i>Journal of Climate</i> , 1997 , 10, 1885-1908 | 4.4 | 137 |
| 12 | Thermohaline Oscillations in the LSG OGCM: Propagating Anomalies and Sensitivity to Parameterizations. <i>Journal of Physical Oceanography</i> , 1997 , 27, 2233-2255 | 2.4 | 8 |
| 11 | Estimating Sampling Errors in Large-Scale Temperature Averages. <i>Journal of Climate</i> , 1997 , 10, 2548-2568 | 4.4 | 246 |
| 10 | Areal and point precipitation intensity changes: Implications for the application of climate models. <i>Geophysical Research Letters</i> , 1997 , 24, 2829-2832 | 4.9 | 19 |
| 9 | Tree-ring variables as proxy-climate indicators: Problems with low-frequency signals 1996 , 9-41 | | 135 |
| 8 | Detecting Greenhouse-Gas-Induced Climate Change with an Optimal Fingerprint Method. <i>Journal of Climate</i> , 1996 , 9, 2281-2306 | 4.4 | 246 |
| 7 | What can the instrumental record tell us about longer timescale paleoclimatic reconstructions? 1996 , 625-644 | | 11 |
| 6 | Unusual twentieth-century summer warmth in a 1,000-year temperature record from Siberia. <i>Nature</i> , 1995 , 376, 156-159 | 50.4 | 237 |
| 5 | Towards the detection and attribution of an anthropogenic effect on climate 1995 , 12, 77 | | 5 |
| 4 | A simple model for estimating methane concentration and lifetime variations. <i>Climate Dynamics</i> , 1994 , 9, 181-193 | 4.2 | 51 |
| 3 | Spatial regression methods in dendroclimatology: A review and comparison of two techniques. <i>International Journal of Climatology</i> , 1994 , 14, 379-402 | 3.5 | 431 |
| 2 | A New Perspective on Recent Global Warming: Asymmetric Trends of Daily Maximum and Minimum Temperature. <i>Bulletin of the American Meteorological Society</i> , 1993 , 74, 1007-1023 | 6.1 | 753 |

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| 1 | Summer Temperature Patterns over Europe: A Reconstruction from 1750 A.D. Based on Maximum Latewood Density Indices of Conifers. <i>Quaternary Research</i> , 1988 , 30, 36-52 | 1.9 | 112 |
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