

# Philip D Jones

## List of Publications by Citations

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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	Updated high-resolution grids of monthly climatic observations [The CRU TS3.10 Dataset]. <i>International Journal of Climatology</i> , <b>2014</b> , 34, 623-642	3.5	4318
161	An improved method of constructing a database of monthly climate observations and associated high-resolution grids. <i>International Journal of Climatology</i> , <b>2005</b> , 25, 693-712	3.5	3253
160	Global warming and changes in drought. <i>Nature Climate Change</i> , <b>2014</b> , 4, 17-22	21.4	1560
159	A New Perspective on Recent Global Warming: Asymmetric Trends of Daily Maximum and Minimum Temperature. <i>Bulletin of the American Meteorological Society</i> , <b>1993</b> , 74, 1007-1023	6.1	753
158	Version 4 of the CRU TS monthly high-resolution gridded multivariate climate dataset. <i>Scientific Data</i> , <b>2020</b> , 7, 109	8.2	697
157	Influence of volcanic eruptions on Northern Hemisphere summer temperature over the past 600 years. <i>Nature</i> , <b>1998</b> , 393, 450-455	50.4	619
156	Reduced sensitivity of recent tree-growth to temperature at high northern latitudes. <i>Nature</i> , <b>1998</b> , 391, 678-682	50.4	573
155	Hemispheric and large-scale land-surface air temperature variations: An extensive revision and an update to 2010. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		531
154	Global surface temperatures over the past two millennia. <i>Geophysical Research Letters</i> , <b>2003</b> , 30,	4.9	518
153	North Atlantic oscillation influence on precipitation, river flow and water resources in the Iberian Peninsula. <i>International Journal of Climatology</i> , <b>2004</b> , 24, 925-944	3.5	513
152	High-resolution palaeoclimatology of the last millennium: a review of current status and future prospects. <i>Holocene</i> , <b>2009</b> , 19, 3-49	2.6	499
151	The North Atlantic Oscillation influence on Europe: climate impacts and associated physical mechanisms. <i>Climate Research</i> , <b>2002</b> , 20, 9-17	1.6	474
150	The Arctic Ocean Response to the North Atlantic Oscillation. <i>Journal of Climate</i> , <b>2000</b> , 13, 2671-2696	4.4	467
149	Low-frequency temperature variations from a northern tree ring density network. <i>Journal of Geophysical Research</i> , <b>2001</b> , 106, 2929-2941		462
148	The evolution of climate over the last millennium. <i>Science</i> , <b>2001</b> , 292, 662-7	33.3	461
147	Spatial regression methods in dendroclimatology: A review and comparison of two techniques. <i>International Journal of Climatology</i> , <b>1994</b> , 14, 379-402	3.5	431
146	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> , <b>2014</b> , 111, 2903-8	11.5	325

145	. <i>International Journal of Climatology</i> , <b>2000</b> , 20, 347-364	3.5	314
144	A 7400-year tree-ring chronology in northern Swedish Lapland: natural climatic variability expressed on annual to millennial timescales. <i>Holocene</i> , <b>2002</b> , 12, 657-665	2.6	306
143	Tree-ring width and density data around the Northern Hemisphere: Part 1, local and regional climate signals. <i>Holocene</i> , <b>2002</b> , 12, 737-757	2.6	276
142	Trends in indices for extremes in daily temperature and precipitation in central and western Europe, 1901-99. <i>International Journal of Climatology</i> , <b>2005</b> , 25, 1149-1171	3.5	275
141	Large-scale temperature inferences from tree rings: a review. <i>Global and Planetary Change</i> , <b>2004</b> , 40, 11-26	4.2	271
140	Precipitation sensitivity to global warming: Comparison of observations with HadCM2 simulations. <i>Geophysical Research Letters</i> , <b>1998</b> , 25, 3379-3382	4.9	268
139	Evaluation of the North Atlantic Oscillation as simulated by a coupled climate model. <i>Climate Dynamics</i> , <b>1999</b> , 15, 685-702	4.2	259
138	Attribution of observed surface humidity changes to human influence. <i>Nature</i> , <b>2007</b> , 449, 710-2	50.4	255
137	Estimating Sampling Errors in Large-Scale Temperature Averages. <i>Journal of Climate</i> , <b>1997</b> , 10, 2548-2568	4.4	246
136	Detecting Greenhouse-Gas-Induced Climate Change with an Optimal Fingerprint Method. <i>Journal of Climate</i> , <b>1996</b> , 9, 2281-2306	4.4	246
135	Climate and southern Africa's water-energy-food nexus. <i>Nature Climate Change</i> , <b>2015</b> , 5, 837-846	21.4	243
134	Unusual twentieth-century summer warmth in a 1,000-year temperature record from Siberia. <i>Nature</i> , <b>1995</b> , 376, 156-159	50.4	237
133	Dendroclimatic signals in long tree-ring chronologies from the Himalayas of Nepal. <i>International Journal of Climatology</i> , <b>2003</b> , 23, 707-732	3.5	232
132	Last millennium northern hemisphere summer temperatures from tree rings: Part I: The long term context. <i>Quaternary Science Reviews</i> , <b>2016</b> , 134, 1-18	3.9	223
131	Quantifying the benefit of early climate change mitigation in avoiding biodiversity loss. <i>Nature Climate Change</i> , <b>2013</b> , 3, 678-682	21.4	221
130	Summer Moisture Variability across Europe. <i>Journal of Climate</i> , <b>2006</b> , 19, 2818-2834	4.4	212
129	Large-scale variations in the vegetation growing season and annual cycle of atmospheric CO2 at high northern latitudes from 1950 to 2011. <i>Global Change Biology</i> , <b>2013</b> , 19, 3167-83	11.4	206
128	The spatial extent of 20th-century warmth in the context of the past 1200 years. <i>Science</i> , <b>2006</b> , 311, 841-843	33.3	206

127	Trees tell of past climates: but are they speaking less clearly today?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>1998</b> , 353, 65-73	5.8	205
126	Estimating Changes in Global Temperature since the Preindustrial Period. <i>Bulletin of the American Meteorological Society</i> , <b>2017</b> , 98, 1841-1856	6.1	182
125	Proxy-Based Northern Hemisphere Surface Temperature Reconstructions: Sensitivity to Method, Predictor Network, Target Season, and Target Domain. <i>Journal of Climate</i> , <b>2005</b> , 18, 2308-2329	4.4	181
124	Simulating the winter North Atlantic Oscillation: the roles of internal variability and greenhouse gas forcing. <i>Climate Dynamics</i> , <b>2004</b> , 22, 605-623	4.2	171
123	Challenges in Quantifying Changes in the Global Water Cycle. <i>Bulletin of the American Meteorological Society</i> , <b>2015</b> , 96, 1097-1115	6.1	168
122	Climate impact of the European winter blocking episodes from the NCEP/NCAR Reanalyses. <i>Climate Dynamics</i> , <b>2004</b> , 23, 17-28	4.2	159
121	The early instrumental warm-bias: a solution for long central European temperature series 1760-2007. <i>Climatic Change</i> , <b>2010</b> , 101, 41-67	4.5	139
120	Development of a Relationship between Station and Grid-Box Rainday Frequencies for Climate Model Evaluation. <i>Journal of Climate</i> , <b>1997</b> , 10, 1885-1908	4.4	137
119	Tree-ring variables as proxy-climate indicators: Problems with low-frequency signals <b>1996</b> , 9-41		135
118	Internal and external forcing of multidecadal Atlantic climate variability over the past 1,200 years. <i>Nature Geoscience</i> , <b>2017</b> , 10, 512-517	18.3	127
117	Tree-ring width and density data around the Northern Hemisphere: Part 2, spatio-temporal variability and associated climate patterns. <i>Holocene</i> , <b>2002</b> , 12, 759-789	2.6	123
116	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> , <b>2015</b> , 35, 2540-2554	3.5	119
115	The CRUTEM4 land-surface air temperature data set: construction, previous versions and dissemination via Google Earth. <i>Earth System Science Data</i> , <b>2014</b> , 6, 61-68	10.5	113
114	Last millennium Northern Hemisphere summer temperatures from tree rings: Part II, spatially resolved reconstructions. <i>Quaternary Science Reviews</i> , <b>2017</b> , 163, 1-22	3.9	112
113	Summer Temperature Patterns over Europe: A Reconstruction from 1750 A.D. Based on Maximum Latewood Density Indices of Conifers. <i>Quaternary Research</i> , <b>1988</b> , 30, 36-52	1.9	112
112	Winter 2009/2010 temperatures and a record-breaking North Atlantic Oscillation index. <i>Weather</i> , <b>2011</b> , 66, 19-21	0.9	101
111	Paleoclimate. Blowing hot and cold. <i>Science</i> , <b>2002</b> , 295, 2227-8	33.3	101
110	Recent variations in the winter North Atlantic Oscillation. <i>Weather</i> , <b>2006</b> , 61, 353-355	0.9	99

109	The impact of natural and anthropogenic forcings on climate and hydrology since 1550. <i>Climate Dynamics</i> , <b>2006</b> , 28, 3-34	4.2	98
108	Keeping global warming within 1.5 °C constrains emergence of aridification. <i>Nature Climate Change</i> , <b>2018</b> , 8, 70-74	21.4	96
107	Millennial temperature reconstruction intercomparison and evaluation. <i>Climate of the Past</i> , <b>2007</b> , 3, 591-609	3.9	96
106	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> , <b>2003</b> , 51-62	1.1	91
105	Evidence for trends in heavy rainfall events over the UK. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2002</b> , 360, 1313-25	3	90
104	The role of the oceans in climate. <i>International Journal of Climatology</i> , <b>2003</b> , 23, 1127-1159	3.5	89
103	Were southern Swedish summer temperatures before 1860 as warm as measured?. <i>International Journal of Climatology</i> , <b>2003</b> , 23, 1495-1521	3.5	84
102	United Kingdom daily precipitation intensity: improved early data, error estimates and an update from 2000 to 2006. <i>International Journal of Climatology</i> , <b>2008</b> , 28, 833-842	3.5	82
101	A global assessment of the effects of climate policy on the impacts of climate change. <i>Nature Climate Change</i> , <b>2013</b> , 3, 512-519	21.4	76
100	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> , <b>2012</b> , 9, 3151-3171	4.6	76
99	An Updated Assessment of Near-Surface Temperature Change From 1850: The HadCRUT5 Data Set. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2021</b> , 126, e2019JD032361	4.4	75
98	Reassessing the evidence for tree-growth and inferred temperature change during the Common Era in Yamalia, northwest Siberia. <i>Quaternary Science Reviews</i> , <b>2013</b> , 72, 83-107	3.9	73
97	The impacts of climate change across the globe: A multi-sectoral assessment. <i>Climatic Change</i> , <b>2016</b> , 134, 457-474	4.5	72
96	Temperature and Snow-Mediated Moisture Controls of Summer Photosynthetic Activity in Northern Terrestrial Ecosystems between 1982 and 2011. <i>Remote Sensing</i> , <b>2014</b> , 6, 1390-1431	5	71
95	Climate Variability and Change of Mediterranean-Type Climates. <i>Journal of Climate</i> , <b>2019</b> , 32, 2887-2915	4.4	69
94	Use of an upwelling-diffusion energy balance climate model to simulate and diagnose A/OGCM results. <i>Climate Dynamics</i> , <b>2001</b> , 17, 601-613	4.2	69
93	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> , <b>2011</b> , 15, 1035-1046	5.5	67
92	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> , <b>2004</b> , 23, 695-715	4.2	66

91	Climate variability 50,000 years ago in mid-latitude Chile as reconstructed from tree rings. <i>Nature</i> , <b>2001</b> , 410, 567-70	50.4	66
90	Relationships between circulation strength and the variability of growing-season and cold-season climate in northern and central Europe. <i>Holocene</i> , <b>2002</b> , 12, 643-656	2.6	65
89	Global and regional impacts of climate change at different levels of global temperature increase. <i>Climatic Change</i> , <b>2019</b> , 155, 377-391	4.5	64
88	Two-hundred-fifty years of reconstructed and modeled tropical temperatures. <i>Journal of Geophysical Research</i> , <b>2006</b> , 111,		64
87	CLIMATE WARMING: Seeing the Wood from the Trees. <i>Science</i> , <b>1999</b> , 284, 926-927	33.3	64
86	Hydropower plans in eastern and southern Africa increase risk of concurrent climate-related electricity supply disruption. <i>Nature Energy</i> , <b>2017</b> , 2, 946-953	62.3	61
85	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> , <b>2005</b> , 363, 1329-58	3	59
84	Using expert knowledge to assess uncertainties in future polar bear populations under climate change. <i>Journal of Applied Ecology</i> , <b>2008</b> , 45, 1649-1659	5.8	57
83	A Call for New Approaches to Quantifying Biases in Observations of Sea Surface Temperature. <i>Bulletin of the American Meteorological Society</i> , <b>2017</b> , 98, 1601-1616	6.1	55
82	A New Estimation of Urbanization's Contribution to the Warming Trend in China. <i>Journal of Climate</i> , <b>2015</b> , 28, 8923-8938	4.4	53
81	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> , <b>2006</b> , 27, 185-197	4.2	53
80	Thermal growing season and timing of biospheric carbon uptake across the Northern Hemisphere. <i>Global Biogeochemical Cycles</i> , <b>2012</b> , 26, n/a-n/a	5.9	52
79	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> , <b>2020</b> , 117, 16816-16823	11.5	51
78	A simple model for estimating methane concentration and lifetime variations. <i>Climate Dynamics</i> , <b>1994</b> , 9, 181-193	4.2	51
77	A comparison of large scale changes in surface humidity over land in observations and CMIP3 general circulation models. <i>Environmental Research Letters</i> , <b>2010</b> , 5, 025210	6.2	50
76	Causes of Robust Seasonal Land Precipitation Changes*. <i>Journal of Climate</i> , <b>2013</b> , 26, 6679-6697	4.4	48
75	A Comparison of the Variability of a Climate Model with Paleotemperature Estimates from a Network of Tree-Ring Densities. <i>Journal of Climate</i> , <b>2002</b> , 15, 1497-1515	4.4	47
74	Pattern scaling using ClimGen: monthly-resolution future climate scenarios including changes in the variability of precipitation. <i>Climatic Change</i> , <b>2016</b> , 134, 353-369	4.5	46

73	Recent and future modulation of the annual cycle. <i>Climate Research</i> , <b>2002</b> , 22, 1-11	1.6	46
72	Assessment of atmosphere-ocean general circulation model simulations of winter northern hemisphere atmospheric blocking. <i>Climate Dynamics</i> , <b>2012</b> , 39, 95-112	4.2	45
71	The influence of synoptic airflow on UK daily precipitation extremes. Part I: Observed spatio-temporal relationships. <i>Climate Dynamics</i> , <b>2011</b> , 36, 261-275	4.2	45
70	Summer moisture availability across North America. <i>Journal of Geophysical Research</i> , <b>2006</b> , 111,		42
69	Long-term trends in precipitation and temperature across the Caribbean. <i>International Journal of Climatology</i> , <b>2016</b> , 36, 3314-3333	3.5	40
68	The annual cycle of heavy precipitation across the United Kingdom: a model based on extreme value statistics. <i>International Journal of Climatology</i> , <b>2009</b> , 29, 1731-1744	3.5	39
67	Independent confirmation of global land warming without the use of station temperatures. <i>Geophysical Research Letters</i> , <b>2013</b> , 40, 3170-3174	4.9	38
66	Evaluation of the European daily precipitation characteristics from the atmospheric model intercomparison project. <i>International Journal of Climatology</i> , <b>1998</b> , 18, 505-522	3.5	38
65	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> , <b>2008</b> , 23, 592-610	5.2	38
64	Modelling seasonality in extreme precipitation. <i>European Physical Journal: Special Topics</i> , <b>2009</b> , 174, 99-113		37
63	Synoptic airflow and UK daily precipitation extremes. <i>Extremes</i> , <b>2010</b> , 13, 133-153	0.7	37
62	Probable causes of late twentieth century tropospheric temperature trends. <i>Climate Dynamics</i> , <b>2003</b> , 21, 573-591	4.2	34
61	The influence of synoptic weather regimes on UK air quality: analysis of satellite column NO <sub>2</sub> . <i>Atmospheric Science Letters</i> , <b>2014</b> , 15, 211-217	2.4	33
60	Air flow influences on local climate: observed and simulated mean relationships for the United Kingdom. <i>Climate Research</i> , <b>1999</b> , 13, 173-191	1.6	32
59	Global-scale climate impact functions: the relationship between climate forcing and impact. <i>Climatic Change</i> , <b>2016</b> , 134, 475-487	4.5	30
58	A 305-year continuous monthly rainfall series for the island of Ireland (1711-2016). <i>Climate of the Past</i> , <b>2018</b> , 14, 413-440	3.9	27
57	The influence of synoptic airflow on UK daily precipitation extremes. Part II: regional climate model and E-OBS data validation. <i>Climate Dynamics</i> , <b>2012</b> , 39, 287-301	4.2	26
56	Climate. The real color of climate change?. <i>Science</i> , <b>2004</b> , 306, 621-2	33.3	26

55	Global Climate. <i>Bulletin of the American Meteorological Society</i> , <b>2020</b> , 101, S9-S128	6.1	26
54	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> , <b>2018</b> , 115, 6243-6248	11.5	25
53	Estimates of the North Atlantic Oscillation back to 1692 using a Paris-London westerly index. <i>International Journal of Climatology</i> , <b>2013</b> , 33, 228-248	3.5	25
52	The scope of Medieval warming. <i>Science</i> , <b>2001</b> , 292, 2011-2	33.3	25
51	Using ERA-Interim reanalysis for creating datasets of energy-relevant climate variables. <i>Earth System Science Data</i> , <b>2017</b> , 9, 471-495	10.5	25
50	Early European Instrumental Records <b>2001</b> , 55-77		25
49	The global and regional impacts of climate change under representative concentration pathway forcings and shared socioeconomic pathway socioeconomic scenarios. <i>Environmental Research Letters</i> , <b>2019</b> , 14, 084046	6.2	24
48	Decadal variations in the nocturnal heat island of London. <i>Weather</i> , <b>2011</b> , 66, 59-64	0.9	24
47	Observed and modelled influence of atmospheric circulation on central England temperature extremes. <i>International Journal of Climatology</i> , <b>2009</b> , 29, 1642-1660	3.5	24
46	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> , <b>2021</b> , 118,	11.5	23
45	A daily series of mean sea-level pressure for London, 1692-2007. <i>International Journal of Climatology</i> , <b>2012</b> , 32, 641-656	3.5	22
44	Land Surface Air Temperature Variations Across the Globe Updated to 2019: The CRUTEM5 Data Set. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2021</b> , 126, e2019JD032352	4.4	21
43	Sensitivity of climate response to variations in freshwater hosing location. <i>Ocean Dynamics</i> , <b>2009</b> , 59, 509-521	2.3	20
42	Air flow influences on local climate: observed United Kingdom climate variations. <i>Atmospheric Science Letters</i> , <b>2000</b> , 1, 62-74	2.4	20
41	The development of Lamb weather types: from subjective analysis of weather charts to objective approaches using reanalyses. <i>Weather</i> , <b>2014</b> , 69, 128-132	0.9	19
40	Areal and point precipitation intensity changes: Implications for the application of climate models. <i>Geophysical Research Letters</i> , <b>1997</b> , 24, 2829-2832	4.9	19
39	Global Mean Surface Temperature Response to Large-Scale Patterns of Variability in Observations and CMIP5. <i>Geophysical Research Letters</i> , <b>2019</b> , 46, 2232-2241	4.9	18
38	The impacts avoided with a 1.5 °C climate target: a global and regional assessment. <i>Climatic Change</i> , <b>2018</b> , 147, 61-76	4.5	18



37	Atmosphere and ocean dynamics: contributors to the European Little Ice Age?. <i>Climate Dynamics</i> , <b>2011</b> , 36, 973-987	4.2	18
36	A daily series of mean sea-level pressure for Paris, 1670-2007. <i>International Journal of Climatology</i> , <b>2012</b> , 32, 1135-1150	3.5	17
35	The AVOID programme – new simulations of the global benefits of stringent climate change mitigation. <i>Climatic Change</i> , <b>2013</b> , 120, 55-70	4.5	17
34	The Extreme Positive Indian Ocean Dipole of 2019 and Associated Indian Summer Monsoon Rainfall Response. <i>Geophysical Research Letters</i> , <b>2021</b> , 48, e2020GL091497	4.9	15
33	Air flow influences on local climate: comparison of a regional climate model with observations over the United Kingdom. <i>Climate Research</i> , <b>2002</b> , 20, 189-202	1.6	14
32	Twentieth-Century Trends in the Annual Cycle of Temperature across the Northern Hemisphere. <i>Journal of Climate</i> , <b>2017</b> , 30, 5755-5773	4.4	13
31	Sudden stratospheric warmings and tropospheric blockings in a multi-century simulation of the IPSL-CM5A coupled climate model. <i>Climate Dynamics</i> , <b>2013</b> , 40, 2401-2414	4.2	13
30	Mechanisms of Winter Precipitation Variability in the European-Mediterranean Region Associated with the North Atlantic Oscillation. <i>Journal of Climate</i> , <b>2020</b> , 33, 7179-7196	4.4	13
29	Performance of Pattern-Scaled Climate Projections under High-End Warming. Part I: Surface Air Temperature over Land. <i>Journal of Climate</i> , <b>2018</b> , 31, 5667-5680	4.4	13
28	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> , <b>2013</b> , 8, 024014	6.2	12
27	Causes of East Asian Temperature Multidecadal Variability Since 850 CE. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 13,485	4.9	12
26	What can the instrumental record tell us about longer timescale paleoclimatic reconstructions? <b>1996</b> , 625-644		11
25	Variability and Changes in the North Atlantic Oscillation Index. <i>Advances in Global Change Research</i> , <b>2011</b> , 9-22	1.2	11
24	Different atmospheric moisture divergence responses to extreme and moderate El Niños. <i>Climate Dynamics</i> , <b>2016</b> , 47, 393-410	4.2	10
23	The Vertical Component of Epineutral Diffusion and the Dianeutral Component of Horizontal Diffusion. <i>Journal of Physical Oceanography</i> , <b>1998</b> , 28, 485-494	2.4	9
22	European drought regimes under mitigated and unmitigated climate change: application of the Community Integrated Assessment System (CIAS). <i>Climate Research</i> , <b>2012</b> , 51, 105-123	1.6	9
21	Thermohaline Oscillations in the LSG OGCM: Propagating Anomalies and Sensitivity to Parameterizations. <i>Journal of Physical Oceanography</i> , <b>1997</b> , 27, 2233-2255	2.4	8
20	Recent United Kingdom and global temperature variations. <i>Weather</i> , <b>2017</b> , 72, 323-329	0.9	7

19	Moisture transport by Atlantic tropical cyclones onto the North American continent. <i>Climate Dynamics</i> , <b>2017</b> , 48, 3161-3182	4.2	7
18	Identifying teleconnections and multidecadal variability of East Asian surface temperature during the last millennium in CMIP5 simulations. <i>Climate of the Past</i> , <b>2019</b> , 15, 1825-1844	3.9	7
17	The impact of proxy selection strategies on a millennium-long ensemble of hydroclimatic records in Monsoon Asia. <i>Quaternary Science Reviews</i> , <b>2019</b> , 223, 105917	3.9	6
16	A Linked Data Approach to Publishing Complex Scientific Workflows <b>2011</b> ,		5
15	Simulation of ENSO forcings on U.S. drought by the HadCM3 coupled climate model. <i>Journal of Geophysical Research</i> , <b>2007</b> , 112,		5
14	Changes in climate and variability over the last 1000 years. <i>International Geophysics</i> , <b>2002</b> , 83, 133-142		5
13	Climatic Change and Long-Term Climatic Variability <b>1998</b> , 337-363		5
12	Towards the detection and attribution of an anthropogenic effect on climate <b>1995</b> , 12, 77		5
11	Exploring an ensemble approach to estimating skill in multiproxy palaeoclimate reconstructions. <i>Holocene</i> , <b>2007</b> , 17, 119-129	2.6	4
10	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> , <b>2019</b> , 52, 439-456	4.2	4
9	Producing Policy-relevant Science by Enhancing Robustness and Model Integration for the Assessment of Global Environmental Change. <i>Environmental Modelling and Software</i> , <b>2019</b> , 111, 248-258 <sup>5.2</sup>		3
8	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> , <b>2020</b> , 33, 7567-7590	4.4	3
7	Instrumental Temperature Change in the Context of the Last 1000 Years <b>2001</b> , 55-68		2
6	Reconstruction of Lamb weather type series back to the eighteenth century. <i>Climate Dynamics</i> , <b>2019</b> , 52, 6131-6148	4.2	2
5	Rayleigh-BBard convection as a tool for studying dust devils. <i>Atmospheric Science Letters</i> , <b>2001</b> , 2, 132-142 <sup>4.4</sup>		1
4	Observed trends in the daily intensity of United Kingdom precipitation <b>2000</b> , 20, 347		1
3	Climate Record: Surface Temperature Trends ? <b>2018</b> ,		
2	Reply by Tim Osborn. <i>Weather</i> , <b>2008</b> , 63, 319-319	0.9	

- 1      Reply to Weiss: Tree-ring stable oxygen isotopes suggest an increase in Asian monsoon rainfall at 4.2 ka BP.. *Proceedings of the National Academy of Sciences of the United States of America*, **2022**, 119, e2204067119      11.5