

List of Publications by Citations

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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.

449 papers	69,956 citations	123 h-index	259 g-index
477 ext. papers	76,803 ext. citations	7.7 avg, IF	8.09 L-index

#	Paper	IF	Citations
449	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
448	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
447	The Twentieth Century Reanalysis Project. <i>Quarterly Journal of the Royal Meteorological Society</i> , <b>2011</b> , 137, 1-28	6.4	2424
446	On the Average Value of Correlated Time Series, with Applications in Dendroclimatology and Hydrometeorology. <i>Journal of Climate and Applied Meteorology</i> , <b>1984</b> , 23, 201-213		2299
445	A European daily high-resolution gridded data set of surface temperature and precipitation for 1950–2006. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113,		1620
444	Representing Twentieth-Century Space–Time Climate Variability. Part II: Development of 1901–96 Monthly Grids of Terrestrial Surface Climate. <i>Journal of Climate</i> , <b>2000</b> , 13, 2217-2238	4.4	1619
443	Global warming and changes in drought. <i>Nature Climate Change</i> , <b>2014</b> , 4, 17-22	21.4	1560
442	Representing Twentieth-Century Space–Time Climate Variability. Part I: Development of a 1961–90 Mean Monthly Terrestrial Climatology. <i>Journal of Climate</i> , <b>1999</b> , 12, 829-856	4.4	1421
441	Uncertainty estimates in regional and global observed temperature changes: A new data set from 1850. <i>Journal of Geophysical Research</i> , <b>2006</b> , 111,		1387
440	Extension to the North Atlantic oscillation using early instrumental pressure observations from Gibraltar and south-west Iceland. <i>International Journal of Climatology</i> , <b>1997</b> , 17, 1433-1450	3.5	1273
439	Maximum and Minimum Temperature Trends for the Globe. <i>Science</i> , <b>1997</b> , 277, 364-367	33.3	1176
438	Quantifying uncertainties in global and regional temperature change using an ensemble of observational estimates: The HadCRUT4 data set. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		1094
437	Surface air temperature and its changes over the past 150 years. <i>Reviews of Geophysics</i> , <b>1999</b> , 37, 173-199	3.1	1010
436	Indices for monitoring changes in extremes based on daily temperature and precipitation data. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , <b>2011</b> , 2, 851-870	8.4	933
435	Hemispheric and Large-Scale Surface Air Temperature Variations: An Extensive Revision and an Update to 2001. <i>Journal of Climate</i> , <b>2003</b> , 16, 206-223	4.4	862
434	Antarctic climate change during the last 50 years. <i>International Journal of Climatology</i> , <b>2005</b> , 25, 279-294	3.5	781
433	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

432	Climate over past millennia. <i>Reviews of Geophysics</i> , <b>2004</b> , 42,	23.1	744
431	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
430	HISTALP Historical instrumental climatological surface time series of the Greater Alpine Region. <i>International Journal of Climatology</i> , <b>2007</b> , 27, 17-46	3.5	684
429	High-resolution palaeoclimatic records for the last millennium: interpretation, integration and comparison with General Circulation Model control-run temperatures. <i>Holocene</i> , <b>1998</b> , 8, 455-471	2.6	645
428	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
427	Homogeneity adjustments of in situ atmospheric climate data: a review. <i>International Journal of Climatology</i> , <b>1998</b> , 18, 1493-1517	3.5	610
426	An Extension of the Tahiti Darwin Southern Oscillation Index. <i>Monthly Weather Review</i> , <b>1987</b> , 115, 2161-2165	21.5	610
425	Reduced sensitivity of recent tree-growth to temperature at high northern latitudes. <i>Nature</i> , <b>1998</b> , 391, 678-682	50.4	573
424	Fennoscandian summers from ad 500: temperature changes on short and long timescales. <i>Climate Dynamics</i> , <b>1992</b> , 7, 111-119	4.2	550
423	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
422	Statistical downscaling of general circulation model output: A comparison of methods. <i>Water Resources Research</i> , <b>1998</b> , 34, 2995-3008	5.4	531
421	Global surface temperatures over the past two millennia. <i>Geophysical Research Letters</i> , <b>2003</b> , 30,	4.9	518
420	Hemispheric Surface Air Temperature Variations: A Reanalysis and an Update to 1993. <i>Journal of Climate</i> , <b>1994</b> , 7, 1794-1802	4.4	515
419	Northern Hemisphere Surface Air Temperature Variations: 1851-1984. <i>Journal of Climate and Applied Meteorology</i> , <b>1986</b> , 25, 161-179		502
418	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
417	Low-frequency temperature variations from a northern tree ring density network. <i>Journal of Geophysical Research</i> , <b>2001</b> , 106, 2929-2941		462
416	The evolution of climate over the last millennium. <i>Science</i> , <b>2001</b> , 292, 662-7	33.3	461
415	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

414	A 1,400-year tree-ring record of summer temperatures in Fennoscandia. <i>Nature</i> , <b>1990</b> , 346, 434-439	50.4	431
413	An Ensemble Version of the E-OBS Temperature and Precipitation Data Sets. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2018</b> , 123, 9391-9409	4.4	419
412	Global temperature variations between 1861 and 1984. <i>Nature</i> , <b>1986</b> , 322, 430-434	50.4	416
411	Precipitation measurements and trends in the twentieth century. <i>International Journal of Climatology</i> , <b>2001</b> , 21, 1889-1922	3.5	379
410	CO <sub>2</sub> , the greenhouse effect and global warming: from the pioneering work of Arrhenius and Callendar to today's Earth System Models. <i>Endeavour</i> , <b>2016</b> , 40, 178-187	0.5	362
409	Low-frequency variations in surface atmospheric humidity, temperature, and precipitation: Inferences from reanalyses and monthly gridded observational data sets. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115,		352
408	A comparison of Lamb circulation types with an objective classification scheme. <i>International Journal of Climatology</i> , <b>1993</b> , 13, 655-663	3.5	330
407	Climatic and anthropogenic factors affecting river discharge to the global ocean, 1951-2000. <i>Global and Planetary Change</i> , <b>2008</b> , 62, 187-194	4.2	320
406	Changes in daily temperature and precipitation extremes in central and south Asia. <i>Journal of Geophysical Research</i> , <b>2006</b> , 111,		320
405	A search for human influences on the thermal structure of the atmosphere. <i>Nature</i> , <b>1996</b> , 382, 39-46	50.4	320
404	A daily weather generator for use in climate change studies. <i>Environmental Modelling and Software</i> , <b>2007</b> , 22, 1705-1719	5.2	317
403	. <i>International Journal of Climatology</i> , <b>2000</b> , 20, 347-364	3.5	314
402	A scPDSI-based global data set of dry and wet spells for 1901-2009. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2013</b> , 118, 4025-4048	4.4	307
401	Regional climate impacts of the Southern Annular Mode. <i>Geophysical Research Letters</i> , <b>2006</b> , 33,	4.9	306
400	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
399	Indices for daily temperature and precipitation extremes in Europe analyzed for the period 1901-2000. <i>Journal of Geophysical Research</i> , <b>2006</b> , 111,		293
398	CALCULATING REGIONAL CLIMATIC TIME SERIES FOR TEMPERATURE AND PRECIPITATION: METHODS AND ILLUSTRATIONS. <i>International Journal of Climatology</i> , <b>1996</b> , 16, 361-377	3.5	291
397	The recent Sahel drought is real. <i>International Journal of Climatology</i> , <b>2004</b> , 24, 1323-1331	3.5	290

396	Constraints on the temperature sensitivity of global soil respiration from the observed interannual variability in atmospheric CO <sub>2</sub> . <i>Atmospheric Science Letters</i> , <b>2001</b> , 2, 114-124	2.4	288
395	Precipitation Fluctuations over Northern Hemisphere Land Areas Since the Mid-19th Century. <i>Science</i> , <b>1987</b> , 237, 171-5	33.3	281
394	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
393	An overview of results from the Coupled Model Intercomparison Project. <i>Global and Planetary Change</i> , <b>2003</b> , 37, 103-133	4.2	275
392	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
391	Interdecadal changes of surface temperature since the late nineteenth century. <i>Journal of Geophysical Research</i> , <b>1994</b> , 99, 14373		266
390	Assessment of urbanization effects in time series of surface air temperature over land. <i>Nature</i> , <b>1990</b> , 347, 169-172	50.4	262
389	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
388	Attribution of observed surface humidity changes to human influence. <i>Nature</i> , <b>2007</b> , 449, 710-2	50.4	255
387	Comparison of trends and low-frequency variability in CRU, ERA-40, and NCEP/NCAR analyses of surface air temperature. <i>Journal of Geophysical Research</i> , <b>2004</b> , 109,		254
386	Global temperature change and its uncertainties since 1861. <i>Geophysical Research Letters</i> , <b>2001</b> , 28, 2621-2624	1.9	253
385	Southern Hemisphere Surface Air Temperature Variations: 1851-1984. <i>Journal of Climate and Applied Meteorology</i> , <b>1986</b> , 25, 1213-1230		248
384	Estimating Sampling Errors in Large-Scale Temperature Averages. <i>Journal of Climate</i> , <b>1997</b> , 10, 2548-2568	1.4	246
383	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
382	Links between circulation and changes in the characteristics of Iberian rainfall. <i>International Journal of Climatology</i> , <b>2002</b> , 22, 1593-1615	3.5	244
381	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
380	Comparison of six methods for the interpolation of daily, European climate data. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113,		235
379	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

378	Testing E-OBS European high-resolution gridded data set of daily precipitation and surface temperature. <i>Journal of Geophysical Research</i> , <b>2009</b> , 114,		231
377	A large discontinuity in the mid-twentieth century in observed global-mean surface temperature. <i>Nature</i> , <b>2008</b> , 453, 646-9	50.4	219
376	Summer Moisture Variability across Europe. <i>Journal of Climate</i> , <b>2006</b> , 19, 2818-2834	4.4	212
375	Adjusting for sampling density in grid box land and ocean surface temperature time series. <i>Journal of Geophysical Research</i> , <b>2001</b> , 106, 3371-3380		212
374	Global Surface Air Temperature Variations During the Twentieth Century: Part 1, Spatial, Temporal and Seasonal Details. <i>Holocene</i> , <b>1992</b> , 2, 165-179	2.6	212
373	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
372	Towards a more reliable historical reanalysis: Improvements for version 3 of the Twentieth Century Reanalysis system. <i>Quarterly Journal of the Royal Meteorological Society</i> , <b>2019</b> , 145, 2876-2908	6.4	204
371	Spatial patterns of precipitation in England and Wales and a revised, homogeneous England and Wales precipitation series. <i>Journal of Climatology</i> , <b>1984</b> , 4, 1-25		204
370	Recent climate change in the Arabian Peninsula: annual rainfall and temperature analysis of Saudi Arabia for 1978-2009. <i>International Journal of Climatology</i> , <b>2012</b> , 32, 953-966	3.5	201
369	Hemispheric Surface Air Temperature Variations: Recent Trends and an Update to 1987. <i>Journal of Climate</i> , <b>1988</b> , 1, 654-660	4.4	197
368	Assessment of climate extremes in the Eastern Mediterranean. <i>Meteorology and Atmospheric Physics</i> , <b>2005</b> , 89, 69-85	2	188
367	Recent climate change in the Arabian Peninsula: Seasonal rainfall and temperature climatology of Saudi Arabia for 1979-2009. <i>Atmospheric Research</i> , <b>2012</b> , 111, 29-45	5.4	186
366	Obtaining sub-grid-scale information from coarse-resolution general circulation model output. <i>Journal of Geophysical Research</i> , <b>1990</b> , 95, 1943		186
365	Consistency of modelled and observed temperature trends in the tropical troposphere. <i>International Journal of Climatology</i> , <b>2008</b> , 28, 1703-1722	3.5	183
364	Variations in Surface Air Temperatures: Part 1. Northern Hemisphere, 1881-1980. <i>Monthly Weather Review</i> , <b>1982</b> , 110, 59-70	2.4	183
363	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
362	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
361	Recent temperature trends in the Antarctic. <i>Nature</i> , <b>2002</b> , 418, 291-2; discussion 292	50.4	179

360	Recent Changes in Surface Humidity: Development of the HadCRUH Dataset. <i>Journal of Climate</i> , <b>2008</b> , 21, 5364-5383	4.4	177
359	Detecting and Attributing External Influences on the Climate System: A Review of Recent Advances. <i>Journal of Climate</i> , <b>2005</b> , 18, 1291-1314	4.4	173
358	The Use of Indices to Identify Changes in Climatic Extremes. <i>Climatic Change</i> , <b>1999</b> , 42, 131-149	4.5	172
357	Warming and wetting signals emerging from analysis of changes in climate extreme indices over South America. <i>Global and Planetary Change</i> , <b>2013</b> , 100, 295-307	4.2	170
356	Attribution of polar warming to human influence. <i>Nature Geoscience</i> , <b>2008</b> , 1, 750-754	18.3	167
355	Long-Term Variability of Daily North Atlantic-European Pressure Patterns since 1850 Classified by Simulated Annealing Clustering. <i>Journal of Climate</i> , <b>2007</b> , 20, 4065-4095	4.4	166
354	The SCAR READER Project: Toward a High-Quality Database of Mean Antarctic Meteorological Observations. <i>Journal of Climate</i> , <b>2004</b> , 17, 2890-2898	4.4	166
353	Trends of Extreme Temperatures in Europe and China Based on Daily Observations. <i>Climatic Change</i> , <b>2002</b> , 53, 355-392	4.5	165
352	Tree-Ring Density Reconstructions of Summer Temperature Patterns across Western North America since 1600. <i>Journal of Climate</i> , <b>1992</b> , 5, 735-754	4.4	164
351	A Further Extension of the Tahiti-Darwin SOI, Early ENSO Events and Darwin Pressure. <i>Journal of Climate</i> , <b>1991</b> , 4, 743-749	4.4	163
350	Urbanization effects in large-scale temperature records, with an emphasis on China. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113,		161
349	Temporal and spatial temperature variability and change over Spain during 1850-2005. <i>Journal of Geophysical Research</i> , <b>2007</b> , 112,		159
348	Revisiting radiosonde upper air temperatures from 1958 to 2002. <i>Journal of Geophysical Research</i> , <b>2005</b> , 110,		159
347	Atmospheric circulation and surface temperature in Europe from the 18th century to 1995. <i>International Journal of Climatology</i> , <b>2001</b> , 21, 63-75	3.5	158
346	No increase in global temperature variability despite changing regional patterns. <i>Nature</i> , <b>2013</b> , 500, 327-334	3.4	157
345	The sensitivity of the PDSI to the Thornthwaite and Penman-Monteith parameterizations for potential evapotranspiration. <i>Journal of Geophysical Research</i> , <b>2011</b> , 116,		155
344	Wet and dry summers in Europe since 1750: evidence of increasing drought. <i>International Journal of Climatology</i> , <b>2009</b> , 29, 1894-1905	3.5	154
343	A new instrumental precipitation dataset for the greater alpine region for the period 1800-2002. <i>International Journal of Climatology</i> , <b>2005</b> , 25, 139-166	3.5	153



342	New estimates of future changes in extreme rainfall across the UK using regional climate model integrations. 1. Assessment of control climate. <i>Journal of Hydrology</i> , <b>2005</b> , 300, 212-233	6	149
341	Daily Mean Sea Level Pressure Reconstructions for the European-North Atlantic Region for the Period 1850-2003. <i>Journal of Climate</i> , <b>2006</b> , 19, 2717-2742	4.4	144
340	Simulations of time-coincident, co-located measurements from ENVISAT-1 instruments for the characterization of tropospheric aerosols: a sensitivity study including cloud contamination effects. <i>Atmospheric Science Letters</i> , <b>2000</b> , 1, 142-150	2.4	143
339	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
338	Influences of precipitation changes and direct CO2 effects on streamflow. <i>Nature</i> , <b>1985</b> , 314, 149-152	50.4	139
337	New estimates of future changes in extreme rainfall across the UK using regional climate model integrations. 2. Future estimates and use in impact studies. <i>Journal of Hydrology</i> , <b>2005</b> , 300, 234-251	6	137
336	Tree-ring variables as proxy-climate indicators: Problems with low-frequency signals <b>1996</b> , 9-41		135
335	Summer moisture variability across Europe, 1892-1991: An analysis based on the palmer drought severity index. <i>International Journal of Climatology</i> , <b>1994</b> , 14, 475-506	3.5	135
334	Tree-ring based reconstruction of summer temperatures at the Columbia Icefield, Alberta, Canada, AD 1073-1983. <i>Holocene</i> , <b>1997</b> , 7, 375-389	2.6	132
333	Reconstructing Summer Temperatures in Northern Fennoscandia Back to A.D. 1700 Using Tree-Ring Data from Scots Pine. <i>Arctic and Alpine Research</i> , <b>1988</b> , 20, 385		132
332	Towards the detection and attribution of an anthropogenic effect on climate. <i>Climate Dynamics</i> , <b>1995</b> , 12, 77-100	4.2	128
331	Atmospheric circulation patterns related to heavy snowfall days in Andorra, Pyrenees. <i>International Journal of Climatology</i> , <b>2005</b> , 25, 319-329	3.5	127
330	State of the Climate in 2017. <i>Bulletin of the American Meteorological Society</i> , <b>2018</b> , 99, Si-S310	6.1	127
329	Climatic signals in multiple highly resolved stable isotope records from Greenland. <i>Quaternary Science Reviews</i> , <b>2010</b> , 29, 522-538	3.9	124
328	Identifying Signatures of Natural Climate Variability in Time Series of Global-Mean Surface Temperature: Methodology and Insights. <i>Journal of Climate</i> , <b>2009</b> , 22, 6120-6141	4.4	124
327	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
326	THE IMPACT OF MOUNT PINATUBO ON WORLD-WIDE TEMPERATURES. <i>International Journal of Climatology</i> , <b>1996</b> , 16, 487-497	3.5	122
325	PRECIPITATION IN THE BRITISH ISLES: AN ANALYSIS OF AREA-AVERAGE DATA UPDATED TO 1995. <i>International Journal of Climatology</i> , <b>1997</b> , 17, 427-438	3.5	120



324	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
323	Construction of a 1961–1990 European climatology for climate change modelling and impact applications. <i>International Journal of Climatology</i> , <b>1995</b> , 15, 1333-1363	3.5	119
322	Signal strength and climate relationships in 13C/12C ratios of tree ring cellulose from oak in east England. <i>Journal of Geophysical Research</i> , <b>1997</b> , 102, 19507-19516		118
321	Forced and unforced ocean temperature changes in Atlantic and Pacific tropical cyclogenesis regions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 13905–13910	11.5	118
320	The early twentieth century Arctic high – fact or fiction?. <i>Climate Dynamics</i> , <b>1987</b> , 1, 63-75	4.2	118
319	Detection and Attribution of Recent Climate Change: A Status Report. <i>Bulletin of the American Meteorological Society</i> , <b>1999</b> , 80, 2631-2659	6.1	116
318	The development of a new dataset of Spanish Daily Adjusted Temperature Series (SDATS) (1850–2003). <i>International Journal of Climatology</i> , <b>2006</b> , 26, 1777-1802	3.5	115
317	State of the Climate in 2010. <i>Bulletin of the American Meteorological Society</i> , <b>2011</b> , 92, S1-S236	6.1	114
316	State of the Climate in 2015. <i>Bulletin of the American Meteorological Society</i> , <b>2016</b> , 97, Si-S275	6.1	114
315	Detecting CO <sub>2</sub> -induced climatic change. <i>Nature</i> , <b>1981</b> , 292, 205-208	50.4	113
314	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
313	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
312	Variations in Surface Air Temperatures: Part 2. Arctic Regions, 1881–1980. <i>Monthly Weather Review</i> , <b>1982</b> , 110, 71-83	2.4	112
311	State of the Climate in 2016. <i>Bulletin of the American Meteorological Society</i> , <b>2017</b> , 98, Si-S280	6.1	112
310	Pre-1866 Extensions of the Southern Oscillation Index Using Early Indonesian and Tahitian Meteorological Readings. <i>Journal of Climate</i> , <b>1998</b> , 11, 2325-2339	4.4	109
309	Multiproxy summer and winter surface air temperature field reconstructions for southern South America covering the past centuries. <i>Climate Dynamics</i> , <b>2011</b> , 37, 35-51	4.2	108
308	Scenario for a warm, high-CO <sub>2</sub> world. <i>Nature</i> , <b>1980</b> , 283, 17-21	50.4	108
307	Global surface-temperature responses to major volcanic eruptions. <i>Nature</i> , <b>1987</b> , 330, 365-367	50.4	107

306	Monthly mean pressure reconstructions for Europe for the 1780–1995 period. <i>International Journal of Climatology</i> , <b>1999</b> , 19, 347-364	3.5	106
305	Dark Ages Cold Period: A literature review and directions for future research. <i>Holocene</i> , <b>2017</b> , 27, 1600-1606	3.5	105
304	Frequency and within-type variations of large-scale circulation types and their effects on low-frequency climate variability in central Europe since 1780. <i>International Journal of Climatology</i> , <b>2007</b> , 27, 473-491	3.5	102
303	Climate trends in the South-west Pacific. <i>International Journal of Climatology</i> , <b>1995</b> , 15, 285-302	3.5	101
302	First cross-matched floating chronology from the marine fossil record: data from growth lines of the long-lived bivalve mollusc <i>Arctica islandica</i> . <i>Holocene</i> , <b>2006</b> , 16, 967-974	2.6	98
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