

Peter A Stott

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.

168 papers	13,887 citations	55 h-index	116 g-index
179 ext. papers	15,645 ext. citations	9.8 avg, IF	6.71 L-index

#	Paper	IF	Citations
168	Human contribution to the European heatwave of 2003. <i>Nature</i> , 2004 , 432, 610-4	50.4	990
167	Detection of human influence on twentieth-century precipitation trends. <i>Nature</i> , 2007 , 448, 461-5	50.4	743
166	Detection of a direct carbon dioxide effect in continental river runoff records. <i>Nature</i> , 2006 , 439, 835-8	50.4	628
165	Anthropogenic greenhouse gas contribution to flood risk in England and Wales in autumn 2000. <i>Nature</i> , 2011 , 470, 382-5	50.4	608
164	The proportionality of global warming to cumulative carbon emissions. <i>Nature</i> , 2009 , 459, 829-32	50.4	565
163	Quantifying the uncertainty in forecasts of anthropogenic climate change. <i>Nature</i> , 2000 , 407, 617-20	50.4	522
162	External control of 20th century temperature by natural and anthropogenic forcings. <i>Science</i> , 2000 , 290, 2133-7	33.3	491
161	Causes of twentieth-century temperature change near the Earth's surface. <i>Nature</i> , 1999 , 399, 569-572	50.4	420
160	Estimating signal amplitudes in optimal fingerprinting, part I: theory. <i>Climate Dynamics</i> , 2003 , 21, 477-494	4.2	309
159	Attribution of extreme weather and climate-related events. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2016 , 7, 23-41	8.4	285
158	Origins and estimates of uncertainty in predictions of twenty-first century temperature rise. <i>Nature</i> , 2002 , 416, 723-6	50.4	271
157	Dramatically increasing chance of extremely hot summers since the 2003 European heatwave. <i>Nature Climate Change</i> , 2015 , 5, 46-50	21.4	266
156	CLIMATE CHANGE. How climate change affects extreme weather events. <i>Science</i> , 2016 , 352, 1517-8	33.3	252
155	Explaining Extreme Events of 2011 from a Climate Perspective. <i>Bulletin of the American Meteorological Society</i> , 2012 , 93, 1041-1067	6.1	251
154	Identification of human-induced changes in atmospheric moisture content. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 15248-53	11.5	234
153	Detection and attribution of climate change: a regional perspective. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2010 , 1, 192-211	8.4	206
152	Explaining Extreme Events of 2012 from a Climate Perspective. <i>Bulletin of the American Meteorological Society</i> , 2013 , 94, S1-S74	6.1	198

151	Human influence on climate in the 2014 southern England winter floods and their impacts. <i>Nature Climate Change</i> , 2016 , 6, 627-634	21.4	189
150	Anthropogenic impact on Earth's hydrological cycle. <i>Nature Climate Change</i> , 2013 , 3, 807-810	21.4	185
149	Estimation of natural and anthropogenic contributions to twentieth century temperature change. <i>Journal of Geophysical Research</i> , 2002 , 107, ACL 10-1		181
148	A Review of Uncertainties in Global Temperature Projections over the Twenty-First Century. <i>Journal of Climate</i> , 2008 , 21, 2651-2663	4.4	180
147	Causes of exceptional atmospheric circulation changes in the Southern Hemisphere. <i>Geophysical Research Letters</i> , 2004 , 31,	4.9	171
146	Detection of human influence on sea-level pressure. <i>Nature</i> , 2003 , 422, 292-4	50.4	169
145	Challenges in Quantifying Changes in the Global Water Cycle. <i>Bulletin of the American Meteorological Society</i> , 2015 , 96, 1097-1115	6.1	168
144	Attribution of polar warming to human influence. <i>Nature Geoscience</i> , 2008 , 1, 750-754	18.3	167
143	Detectability of Anthropogenic Changes in Annual Temperature and Precipitation Extremes. <i>Journal of Climate</i> , 2004 , 17, 3683-3700	4.4	166
142	Attribution of observed historical near-surface temperature variations to anthropogenic and natural causes using CMIP5 simulations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013 , 118, 4001-4024	4.4	165
141	Observational Constraints on Past Attributable Warming and Predictions of Future Global Warming. <i>Journal of Climate</i> , 2006 , 19, 3055-3069	4.4	148
140	Explaining Extreme Events of 2013 from a Climate Perspective. <i>Bulletin of the American Meteorological Society</i> , 2014 , 95, S1-S104	6.1	146
139	Incorporating model quality information in climate change detection and attribution studies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 14778-83	11.5	137
138	Separating signal and noise in atmospheric temperature changes: The importance of timescale. <i>Journal of Geophysical Research</i> , 2011 , 116, n/a-n/a		125
137	Potential influences on the United Kingdom's floods of winter 2013/14. <i>Nature Climate Change</i> , 2014 , 4, 769-777	21.4	122
136	Attribution of regional-scale temperature changes to anthropogenic and natural causes. <i>Geophysical Research Letters</i> , 2003 , 30,	4.9	122
135	Detection of changes in temperature extremes during the second half of the 20th century. <i>Geophysical Research Letters</i> , 2005 , 32,	4.9	116
134	The Role of Human Activity in the Recent Warming of Extremely Warm Daytime Temperatures. <i>Journal of Climate</i> , 2011 , 24, 1922-1930	4.4	107

133	A New HadGEM3-A-Based System for Attribution of Weather- and Climate-Related Extreme Events. <i>Journal of Climate</i> , 2013 , 26, 2756-2783	4.4	105
132	Human influence on increasing Arctic river discharges. <i>Geophysical Research Letters</i> , 2005 , 32,	4.9	105
131	Identifying human influences on atmospheric temperature. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 26-33	11.5	102
130	Transient Climate Simulations with the HadGEM1 Climate Model: Causes of Past Warming and Future Climate Change. <i>Journal of Climate</i> , 2006 , 19, 2763-2782	4.4	101
129	Scale-Dependent Detection of Climate Change. <i>Journal of Climate</i> , 1998 , 11, 3282-3294	4.4	99
128	Simulated and observed decadal variability in ocean heat content. <i>Geophysical Research Letters</i> , 2004 , 31,	4.9	86
127	Introduction to Explaining Extreme Events of 2014 from a Climate Perspective. <i>Bulletin of the American Meteorological Society</i> , 2015 , 96, S1-S4	6.1	84
126	An AOGCM simulation of the climate response to a volcanic super-eruption. <i>Climate Dynamics</i> , 2005 , 25, 725-738	4.2	83
125	Detection of a human influence on North American climate. <i>Science</i> , 2003 , 302, 1200-3	33.3	82
124	Detection and attribution of changes in 20th century land precipitation. <i>Geophysical Research Letters</i> , 2004 , 31, n/a-n/a	4.9	78
123	Do Models Underestimate the Solar Contribution to Recent Climate Change?. <i>Journal of Climate</i> , 2003 , 16, 4079-4093	4.4	77
122	Explaining Extreme Events of 2015 from a Climate Perspective. <i>Bulletin of the American Meteorological Society</i> , 2016 , 97, S1-S145	6.1	77
121	Can the 2011 East African drought be attributed to human-induced climate change?. <i>Geophysical Research Letters</i> , 2013 , 40, 1177-1181	4.9	74
120	Detection and attribution of human influence on regional precipitation. <i>Nature Climate Change</i> , 2016 , 6, 669-675	21.4	67
119	Human Contribution to the Lengthening of the Growing Season during 1950-1999. <i>Journal of Climate</i> , 2007 , 20, 5441-5454	4.4	66
118	Attribution of Weather and Climate-Related Events 2013 , 307-337		64
117	Introduction to Explaining Extreme Events of 2014 from a Climate Perspective. <i>Bulletin of the American Meteorological Society</i> , 2015 , 96, S1-S4	6.1	64
116	The role of land use change in the recent warming of daily extreme temperatures. <i>Geophysical Research Letters</i> , 2013 , 40, 589-594	4.9	59

115	Signatures of naturally induced variability in the atmosphere using multiple reanalysis datasets. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2015 , 141, 2011-2031	6.4	55
114	The Detection and Attribution of Human Influence on Climate. <i>Annual Review of Environment and Resources</i> , 2009 , 34, 1-16	17.2	55
113	Detection and Attribution of Observed Changes in Northern Hemisphere Spring Snow Cover. <i>Journal of Climate</i> , 2013 , 26, 6904-6914	4.4	53
112	Detectable Anthropogenic Shift toward Heavy Precipitation over Eastern China. <i>Journal of Climate</i> , 2017 , 30, 1381-1396	4.4	52
111	Causes for the recent changes in cold- and heat-related mortality in England and Wales. <i>Climatic Change</i> , 2010 , 102, 539-553	4.5	52
110	Guiding the Creation of A Comprehensive Surface Temperature Resource for Twenty-First-Century Climate Science. <i>Bulletin of the American Meteorological Society</i> , 2011 , 92, ES40-ES47	6.1	50
109	Human contribution to rapidly increasing frequency of very warm Northern Hemisphere summers. <i>Journal of Geophysical Research</i> , 2008 , 113,		50
108	Detection and attribution of Atlantic salinity changes. <i>Geophysical Research Letters</i> , 2008 , 35,	4.9	48
107	Incorporating model uncertainty into attribution of observed temperature change. <i>Geophysical Research Letters</i> , 2006 , 33,	4.9	48
106	Ensemble climate predictions using climate models and observational constraints. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2007 , 365, 2029-52	3	47
105	Anthropogenic warming of central England temperature. <i>Atmospheric Science Letters</i> , 2006 , 7, 81-85	2.4	44
104	Estimating signal amplitudes in optimal fingerprinting. Part II: application to general circulation models. <i>Climate Dynamics</i> , 2003 , 21, 493-500	4.2	42
103	Upgrade of the HadGEM3-A based attribution system to high resolution and a new validation framework for probabilistic event attribution. <i>Weather and Climate Extremes</i> , 2018 , 20, 9-32	6	41
102	Explaining Extreme Events of 2014 from a Climate Perspective. <i>Bulletin of the American Meteorological Society</i> , 2015 , 96, S1-S172	6.1	40
101	Quantifying anthropogenic influence on recent near-surface temperature change. <i>Surveys in Geophysics</i> , 2006 , 27, 491-544	7.6	40
100	The upper end of climate model temperature projections is inconsistent with past warming. <i>Environmental Research Letters</i> , 2013 , 8, 014024	6.2	39
99	Attribution of anthropogenic influence on seasonal sea level pressure. <i>Geophysical Research Letters</i> , 2009 , 36,	4.9	38
98	Implications of changes in the northern hemisphere circulation for the detection of anthropogenic climate change. <i>Geophysical Research Letters</i> , 2000 , 27, 993-996	4.9	38

97	Alternatives to stabilization scenarios. <i>Geophysical Research Letters</i> , 2006 , 33,	4.9	37
96	Detecting the influence of fossil fuel and bio-fuel black carbon aerosols on near surface temperature changes. <i>Atmospheric Chemistry and Physics</i> , 2011 , 11, 799-816	6.8	36
95	The contribution of anthropogenic forcings to regional changes in temperature during the last decade. <i>Climate Dynamics</i> , 2012 , 39, 1259-1274	4.2	35
94	Fingerprints of changes in annual and seasonal precipitation from CMIP5 models over land and ocean. <i>Geophysical Research Letters</i> , 2012 , 39, n/a-n/a	4.9	34
93	Probable causes of late twentieth century tropospheric temperature trends. <i>Climate Dynamics</i> , 2003 , 21, 573-591	4.2	34
92	Revisiting the controversial issue of tropical tropospheric temperature trends. <i>Geophysical Research Letters</i> , 2013 , 40, 2801-2806	4.9	33
91	Attribution of cyclogenesis region sea surface temperature change to anthropogenic influence. <i>Geophysical Research Letters</i> , 2008 , 35,	4.9	33
90	Human activity and anomalously warm seasons in Europe. <i>International Journal of Climatology</i> , 2012 , 32, 225-239	3.5	32
89	Stratospheric temperature trends: impact of ozone variability and the QBO. <i>Climate Dynamics</i> , 2010 , 34, 381-398	4.2	32
88	Single-step attribution of increasing frequencies of very warm regional temperatures to human influence. <i>Atmospheric Science Letters</i> , 2011 , 12, 220-227	2.4	31
87	Impact of Anthropogenic Climate Change on the East Asian Summer Monsoon. <i>Journal of Climate</i> , 2017 , 30, 5205-5220	4.4	30
86	Change in the Odds of Warm Years and Seasons Due to Anthropogenic Influence on the Climate. <i>Journal of Climate</i> , 2014 , 27, 2607-2621	4.4	30
85	Probabilistic estimates of recent changes in temperature: a multi-scale attribution analysis. <i>Climate Dynamics</i> , 2010 , 34, 1139-1156	4.2	29
84	Causes of atmospheric temperature change 1960-2000: A combined attribution analysis. <i>Geophysical Research Letters</i> , 2003 , 30, n/a-n/a	4.9	29
83	What influence will future solar activity changes over the 21st century have on projected global near-surface temperature changes?. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		28
82	A new perspective on warming of the global oceans. <i>Geophysical Research Letters</i> , 2009 , 36,	4.9	28
81	Drivers of the UK summer heatwave of 2018. <i>Weather</i> , 2019 , 74, 390-396	0.9	27
80	Explaining Extreme Events of 2018 from a Climate Perspective. <i>Bulletin of the American Meteorological Society</i> , 2020 , 101, S1-S140	6.1	26

79	Uncertainty in continental-scale temperature predictions. <i>Geophysical Research Letters</i> , 2006 , 33,	4.9	26
78	Does the recent freshening trend in the North Atlantic indicate a weakening thermohaline circulation?. <i>Geophysical Research Letters</i> , 2004 , 31,	4.9	26
77	Attribution of climate-related events: understanding stakeholder needs. <i>Weather</i> , 2013 , 68, 274-279	0.9	25
76	Estimates of Uncertainty in Predictions of Global Mean Surface Temperature. <i>Journal of Climate</i> , 2007 , 20, 843-855	4.4	25
75	The Detection and Attribution of Climate Change Using an Ensemble of Opportunity. <i>Journal of Climate</i> , 2007 , 20, 504-516	4.4	25
74	Fast-track attribution assessments based on pre-computed estimates of changes in the odds of warm extremes. <i>Climate Dynamics</i> , 2015 , 45, 1547-1564	4.2	24
73	Explaining Extreme Events of 2016 from a Climate Perspective. <i>Bulletin of the American Meteorological Society</i> , 2018 , 99, S1-S157	6.1	24
72	Extreme Rainfall in the United Kingdom During Winter 2013/14: The Role of Atmospheric Circulation and Climate Change. <i>Bulletin of the American Meteorological Society</i> , 2015 , 96, S46-S50	6.1	23
71	Models versus radiosondes in the free atmosphere: A new detection and attribution analysis of temperature. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013 , 118, 2609-2619	4.4	23
70	Human Influence on the 2015 Extreme High Temperature Events in Western China. <i>Bulletin of the American Meteorological Society</i> , 2016 , 97, S102-S106	6.1	22
69	Evaluation of the HadGEM3-A simulations in view of detection and attribution of human influence on extreme events in Europe. <i>Climate Dynamics</i> , 2019 , 52, 1187-1210	4.2	22
68	Tracking uncertainties in the causal chain from human activities to climate. <i>Geophysical Research Letters</i> , 2009 , 36,	4.9	22
67	Impact of stratospheric variability on tropospheric climate change. <i>Climate Dynamics</i> , 2010 , 34, 399-417	4.2	22
66	Towards advancing scientific knowledge of climate change impacts on short-duration rainfall extremes. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2021 , 379, 20190542	3	22
65	Attribution analyses of temperature extremes using a set of 16 indices. <i>Weather and Climate Extremes</i> , 2016 , 14, 24-35	6	22
64	Attribution of ocean temperature change to anthropogenic and natural forcings using the temporal, vertical and geographical structure. <i>Climate Dynamics</i> , 2019 , 53, 5389-5413	4.2	21
63	Explaining Extreme Events of 2017 from a Climate Perspective. <i>Bulletin of the American Meteorological Society</i> , 2019 , 100, S1-S117	6.1	21
62	Hurricanes Harvey, Irma and Maria: how natural were these natural disasters?. <i>Weather</i> , 2017 , 72, 353-354	4.9	21

61	Changes in the geopotential height at 500 hPa under the influence of external climatic forcings. <i>Geophysical Research Letters</i> , 2015 , 42, 10,798-10,806	4.9	21
60	Uncertainties in the attribution of greenhouse gas warming and implications for climate prediction. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016 , 121, 6969-6992	4.4	20
59	Evaluating Simulated Fraction of Attributable Risk Using Climate Observations. <i>Journal of Climate</i> , 2016 , 29, 4565-4575	4.4	20
58	Unusual past dry and wet rainy seasons over Southern Africa and South America from a climate perspective. <i>Weather and Climate Extremes</i> , 2015 , 9, 36-46	6	19
57	The Effect of Local Circulation Variability on the Detection and Attribution of New Zealand Temperature Trends. <i>Journal of Climate</i> , 2009 , 22, 6217-6229	4.4	19
56	Comparison of land surface humidity between observations and CMIP5 models. <i>Earth System Dynamics</i> , 2017 , 8, 719-747	4.8	18
55	How best to log local temperatures?. <i>Nature</i> , 2010 , 465, 158-9	50.4	18
54	Difficult but not impossible. <i>Nature Climate Change</i> , 2011 , 1, 72-72	21.4	18
53	The increasing likelihood of temperatures above 30 to 40 °C in the United Kingdom. <i>Nature Communications</i> , 2020 , 11, 3093	17.4	18
52	Early benefits of mitigation in risk of regional climate extremes. <i>Nature Climate Change</i> , 2017 , 7, 326-330	21.4	17
51	A Multimodel Update on the Detection and Attribution of Global Surface Warming. <i>Journal of Climate</i> , 2007 , 20, 517-530	4.4	17
50	Sensitivity of global-scale climate change attribution results to inclusion of fossil fuel black carbon aerosol. <i>Geophysical Research Letters</i> , 2005 , 32, n/a-n/a	4.9	16
49	Attribution of Extreme Rainfall in Southeast China During May 2015. <i>Bulletin of the American Meteorological Society</i> , 2016 , 97, S92-S96	6.1	16
48	Observed 21st century temperatures further constrain likely rates of future warming. <i>Atmospheric Science Letters</i> , 2012 , 13, 151-156	2.4	15
47	Variability of high latitude amplification of anthropogenic warming. <i>Geophysical Research Letters</i> , 2009 , 36,	4.9	14
46	Atmospheric science. From past to future warming. <i>Science</i> , 2014 , 343, 844-5	33.3	13
45	Assessing the robustness of zonal mean climate change detection. <i>Geophysical Research Letters</i> , 2002 , 29, 26-1-26-4	4.9	13
44	Different Ways of Framing Event Attribution Questions: The Example of Warm and Wet Winters in the United Kingdom Similar to 2015/16. <i>Journal of Climate</i> , 2018 , 31, 4827-4845	4.4	11

43	Is the choice of statistical paradigm critical in extreme event attribution studies?. <i>Climatic Change</i> , 2017 , 144, 143-150	4.5	11
42	Role of Anthropogenic Forcing in 2014 Hot Spring in Northern China. <i>Bulletin of the American Meteorological Society</i> , 2015 , 96, S111-S114	6.1	11
41	Sensitivity of the attribution of near surface temperature warming to the choice of observational dataset. <i>Geophysical Research Letters</i> , 2011 , 38, n/a-n/a	4.9	11
40	A quality-controlled global runoff data set (Reply). <i>Nature</i> , 2006 , 444, E14-E15	50.4	11
39	Optimal Estimation of Stochastic Energy Balance Model Parameters. <i>Journal of Climate</i> , 2020 , 33, 7909-7926	11.4	11
38	U.K. Climate Projections: Summer Daytime and Nighttime Urban Heat Island Changes in England's Major Cities. <i>Journal of Climate</i> , 2020 , 33, 9015-9030	4.4	11
37	Test of a decadal climate forecast. <i>Nature Geoscience</i> , 2013 , 6, 243-244	18.3	10
36	Observed climate change constrains the likelihood of extreme future global warming. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2008 , 60, 76-81	3.3	10
35	Highest rates of regional climate warming over the last decades and assessment of the role of natural and anthropogenic factors. <i>Doklady Earth Sciences</i> , 2006 , 406, 158-162	0.6	10
34	The influence of anthropogenic climate change on wet and dry summers in Europe. <i>Science Bulletin</i> , 2021 , 66, 813-823	10.6	10
33	Anthropogenic climate change and heat effects on health. <i>International Journal of Climatology</i> , 2019 , 39, 4751-4768	3.5	7
32	Was the Cold European Winter of 2009/10 Modified by Anthropogenic Climate Change? An Attribution Study. <i>Journal of Climate</i> , 2018 , 31, 3387-3410	4.4	7
31	Changing return periods of weather-related impacts: the attribution challenge. <i>Climatic Change</i> , 2011 , 109, 263-268	4.5	7
30	Reconciling Two Approaches to the Detection of Anthropogenic Influence on Climate. <i>Journal of Climate</i> , 2002 , 15, 326-329	4.4	7
29	Allowing for solar forcing in the detection of human influence on tropospheric temperatures. <i>Geophysical Research Letters</i> , 2001 , 28, 1555-1558	4.9	7
28	Linking Extreme Weather to Climate Variability and Change: International Group on Attribution of Climate-Related Events (ACE); Boulder, Colorado, 26 January 2009. <i>Eos</i> , 2009 , 90, 184-184	1.5	6
27	Deep North Atlantic freshening simulated in a coupled climate model. <i>Progress in Oceanography</i> , 2007 , 73, 370-383	3.8	6
26	Comment on "Climate Science and the Uncertainty Monster". A. Curry and P. J. Webster. <i>Bulletin of the American Meteorological Society</i> , 2011 , 92, 1683-1685	6.1	5

25	Anthropogenic and natural causes of twentieth century temperature change. <i>Space Science Reviews</i> , 2000 , 94, 337-344	7.5	5
24	Correlations between patterns of 19th and 20th century surface temperature change and HadCM2 Climate Model ensembles. <i>Geophysical Research Letters</i> , 2001 , 28, 1007-1010	4.9	5
23	Stratospheric Flow during Two Recent Winters Simulated by a Mechanistic Model. <i>Monthly Weather Review</i> , 1998 , 126, 1655-1680	2.4	5
22	Contribution of Global Warming and Atmospheric Circulation to the Hottest Spring in Eastern China in 2018. <i>Advances in Atmospheric Sciences</i> , 2020 , 37, 1285-1294	2.9	5
21	Human Contribution to the Record Sunshine of Winter 2014/15 in the United Kingdom. <i>Bulletin of the American Meteorological Society</i> , 2016 , 97, S47-S50	6.1	5
20	Detectable Anthropogenic Influence on Changes in Summer Precipitation in China. <i>Journal of Climate</i> , 2020 , 33, 5357-5369	4.4	4
19	The impact of stratospheric resolution on the detectability of climate change signals in the free atmosphere. <i>Geophysical Research Letters</i> , 2013 , 40, 937-942	4.9	3
18	The Hot and Dry April of 2016 in Thailand. <i>Bulletin of the American Meteorological Society</i> , 2018 , 99, S1285-S1323	6.1	3
17	Increase in the frequency of extreme daily precipitation in the United Kingdom in autumn. <i>Weather and Climate Extremes</i> , 2021 , 33, 100340	6	3
16	Introduction to Explaining Extreme Events of 2017 from a Climate Perspective. <i>Bulletin of the American Meteorological Society</i> , 2019 , 100, S1-S4	6.1	2
15	The effect of human land use change in the Hadley Centre attribution system. <i>Atmospheric Science Letters</i> , 2020 , 21, e972	2.4	2
14	Attributing and Projecting Heatwaves Is Hard: We Can Do Better. <i>Earth's Future</i> , 2022 , 10,	7.9	2
13	Comparison of land surface humidity between observations and CMIP5 models 2017 ,		1
12	Reply to 'Drivers of the 2013/14 winter floods in the UK'. <i>Nature Climate Change</i> , 2015 , 5, 491-492	21.4	1
11	The international surface temperature initiative 2013 ,		1
10	Proposals for surface-temperature databank now open for scrutiny. <i>Nature</i> , 2010 , 466, 1040	50.4	1
9	Summary and Broader Context. <i>Bulletin of the American Meteorological Society</i> , 2016 , 97, S141-S145	6.1	1
8	A new energy-balance approach to linear filtering for estimating effective radiative forcing from temperature time series. <i>Advances in Statistical Climatology, Meteorology and Oceanography</i> , 2020 , 6, 91-102	1.5	1

7	Record-breaking daily rainfall in the United Kingdom and the role of anthropogenic forcings. <i>Atmospheric Science Letters</i> , 2021 , 22, e1033	2.4	1
6	Recent decreases in domestic energy consumption in the United Kingdom attributed to human influence on the climate. <i>Atmospheric Science Letters</i> , e1062	2.4	1
5	Human influence on seasonal precipitation in Europe. <i>Journal of Climate</i> , 2022 , 1-50	4.4	1
4	Human influence increases the likelihood of extremely early cherry tree flowering in Kyoto. <i>Environmental Research Letters</i> , 2022 , 17, 054051	6.2	1
3	Summary and Broader Context. <i>Bulletin of the American Meteorological Society</i> , 2015 , 96, S168-S172	6.1	
2	Observations of Climate Variability □ Discussion Session 3a. <i>Space Science Reviews</i> , 2000 , 94, 345-348	7.5	
1	Could detection and attribution of climate change trends be spurious regression?. <i>Climate Dynamics</i> , 2022 , 1-15	4.2	