Michael E Mann

List of Publications by Year
in descending order

221 papers	30,864 citations	6613 79 h-index	4773 169 g-index
236 all docs	236 docs citations	236 times ranked	22326 citing authors

#	Article	IF	Citations
1	Global Signatures and Dynamical Origins of the Little Ice Age and Medieval Climate Anomaly. Science, 2009, 326, 1256-1260.	12.6	1,894
2	Advanced spectral methods for climatic time series. Reviews of Geophysics, 2002, 40, 3-1.	23.0	1,695
3	Global-scale temperature patterns and climate forcing over the past six centuries. Nature, 1998, 392, 779-787.	27.8	1,607
4	Northern hemisphere temperatures during the past millennium: Inferences, uncertainties, and limitations. Geophysical Research Letters, 1999, 26, 759-762.	4.0	1,511
5	Observed and simulated multidecadal variability in the Northern Hemisphere. Climate Dynamics, 2000, 16, 661-676.	3.8	1,072
6	Robust estimation of background noise and signal detection in climatic time series. Climatic Change, 1996, 33, 409-445.	3.6	1,053
7	Proxy-based reconstructions of hemispheric and global surface temperature variations over the past two millennia. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 13252-13257.	7.1	1,035
8	A signature of persistent natural thermohaline circulation cycles in observed climate. Geophysical Research Letters, 2005, 32, .	4.0	992
9	Climate over past millennia. Reviews of Geophysics, 2004, 42, .	23.0	878
10	Solar Forcing of Regional Climate Change During the Maunder Minimum. Science, 2001, 294, 2149-2152.	12.6	688
11	Exceptional twentieth-century slowdown in Atlantic Ocean overturning circulation. Nature Climate Change, 2015, 5, 475-480.	18.8	686
12	Global surface temperatures over the past two millennia. Geophysical Research Letters, 2003, 30, .	4.0	655
13	Warming of the Antarctic ice-sheet surface since the 1957 International Geophysical Year. Nature, 2009, 457, 459-462.	27.8	620
14	Global Temperature Patterns in Past Centuries: An Interactive Presentation. Earth Interactions, 2000, 4, 1-1.	1.5	604
15	High-resolution palaeoclimatology of the last millennium: a review of current status and future prospects. Holocene, 2009, 19, 3-49.	1.7	588
16	Atlantic hurricane trends linked to climate change. Eos, 2006, 87, 233.	0.1	498
17	Climate change will affect global water availability through compounding changes in seasonal precipitation and evaporation. Nature Communications, 2020, 11, 3044.	12.8	467
18	Volcanic and Solar Forcing of the Tropical Pacific over the Past 1000 Years. Journal of Climate, 2005, 18, 447-456.	3.2	446

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19	Proxy evidence for an El NiÃ±o-like response to volcanic forcing. Nature, 2003, 426, 274-278.	27.8	410
20	Climate related sea-level variations over the past two millennia. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 11017-11022.	7.1	376
21	Making sense of the early-2000s warming slowdown. Nature Climate Change, 2016, 6, 224-228.	18.8	333
22	A Well-Verified, Multiproxy Reconstruction of the Winter North Atlantic Oscillation Index sincea.d.1400*. Journal of Climate, 2002, 15, 1754-1764.	3.2	308
23	An overview of results from the Coupled Model Intercomparison Project. Global and Planetary Change, 2003, 37, 103-133.	3.5	305
24	The polar regions in a 2Â°C warmer world. Science Advances, 2019, 5, eaaw9883.	10.3	289
25	Climate change and California drought in the 21st century. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 3858-3859.	7.1	279
26	Global-scale modes of surface temperature variability on interannual to century timescales. Journal of Geophysical Research, 1994, 99, 25819.	3.3	259
27	Atlantic and Pacific multidecadal oscillations and Northern Hemisphere temperatures. Science, 2015, 347, 988-991.	12.6	232
28	Volcanic and Solar Forcing of Climate Change during the Preindustrial Era. Journal of Climate, 2003, 16, 4094-4107.	3.2	230
29	Global interdecadal and century-scale climate oscillations during the past five centuries. Nature, 1995, 378, 266-270.	27.8	229
30	Increasing ocean stratification over the past half-century. Nature Climate Change, 2020, 10, 1116-1123.	18.8	229
31	Atlantic hurricanes and climate over the past 1,500 years. Nature, 2009, 460, 880-883.	27.8	223
32	Influence of Anthropogenic Climate Change on Planetary Wave Resonance and Extreme Weather Events. Scientific Reports, 2017, 7, 45242.	3.3	215
33	Dynamic winter climate response to large tropical volcanic eruptions since 1600. Journal of Geophysical Research, 2004, 109, .	3.3	209
34	Proxy-Based Northern Hemisphere Surface Temperature Reconstructions: Sensitivity to Method, Predictor Network, Target Season, and Target Domain. Journal of Climate, 2005, 18, 2308-2329.	3.2	198
35	Using palaeo-climate comparisons to constrain future projections in CMIP5. Climate of the Past, 2014, 10, 221-250.	3.4	193
36	The Hockey Stick and the Climate Wars. , 2012, , .		179

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37	Implications of temperature variation for malaria parasite development across Africa. Scientific Reports, 2013, 3, 1300.	3.3	176
38	joint Spatiotemporal Modes of Surface Temperature and Sea Level Pressure Variability in the Northern Hemisphere during the Last Century. Journal of Climate, 1996, 9, 2137-2162.	3.2	169
39	Impact of climate change on New York Cityâ€™s coastal flood hazard: Increasing flood heights from the preindustrial to 2300 CE. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 11861-11866.	7.1	169
40	Estimating Central Equatorial Pacific SST Variability over the Past Millennium. Part II: Reconstructions and Implications. Journal of Climate, 2013, 26, 2329-2352.	3.2	167
41	Underestimation of volcanic cooling in tree-ring-based reconstructions of hemispheric temperatures. Nature Geoscience, 2012, 5, 202-205.	12.9	161
42	Tracking variable sedimentation rates and astronomical forcing in Phanerozoic paleoclimate proxy series with evolutionary correlation coefficients and hypothesis testing. Earth and Planetary Science Letters, 2018, 501, 165-179.	4.4	152
43	CLIMATE RECONSTRUCTION: The Value of Multiple Proxies. Science, 2002, 297, 1481-1482.	12.6	151
44	Testing the Fidelity of Methods Used in Proxy-Based Reconstructions of Past Climate. Journal of Climate, 2005, 18, 4097-4107.	3.2	148
45	Influence of moderate dehydration on soccer performance: physiological responses to 45 min of outdoor match-play and the immediate subsequent performance of sport-specific and mental concentration tests. British Journal of Sports Medicine, 2007, 41, 385-391.	6.7	140
46	On the variability of ENSO over the past six centuries. Geophysical Research Letters, 2005, 32, .	4.0	139
47	Separating Forced from Chaotic Climate Variability over the Past Millennium. Journal of Climate, 2013, 26, 6954-6973.	3.2	139
48	Robust comparison of climate models with observations using blended land air and ocean sea surface temperatures. Geophysical Research Letters, 2015, 42, 6526-6534.	4.0	139
49	On forced temperature changes, internal variability, and the AMO. Geophysical Research Letters, 2014, 41, 3211-3219.	4.0	130
50	Robustness of proxy-based climate field reconstruction methods. Journal of Geophysical Research, 2007, 112, .	3.3	129
51	Spatial and Temporal Characteristics of Climate in Medieval Times Revisited. Bulletin of the American Meteorological Society, 2011, 92, 1487-1500.	3.3	129
52	Multidecadal climate oscillations during the past millennium driven by volcanic forcing. Science, 2021, 371, 1014-1019.	12.6	127
53	Record-Setting Ocean Warmth Continued in 2019. Advances in Atmospheric Sciences, 2020, 37, 137-142.	4.3	126
54	Oscillatory Spatiotemporal Signal Detection in Climate Studies: A Multiple-Taper Spectral Domain Approach. Advances in Geophysics, 1999, 41, 1-131.	2.8	117

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55	Ground vs. surface air temperature trends: Implications for borehole surface temperature reconstructions. Geophysical Research Letters, 2003, 30, .	4.0	116
56	Constraining temperature variations over the last millennium by comparing simulated and observed atmospheric CO2. Climate Dynamics, 2003, 20, 281-299.	3.8	115
57	Large-Scale Climate Variability and Connections with the Middle East in Past Centuries. Climatic Change, 2002, 55, 287-314.	3.6	109
58	Long-term patterns of solar irradiance forcing in model experiments and proxy based surface temperature reconstructions. Climate Dynamics, 2002, 18, 563-578.	3.8	108
59	On smoothing potentially non-stationary climate time series. Geophysical Research Letters, 2004, 31, n/a-n/a.	4.0	106
60	Chapter 1 Mediterranean climate variability over the last centuries: A review. Developments in Earth and Environmental Sciences, 2006, 4, 27-148.	0.1	105
61	Improved Estimates of Changes in Upper Ocean Salinity and the Hydrological Cycle. Journal of Climate, 2020, 33, 10357-10381.	3.2	105
62	Climate reconstruction using â€˜Pseudoproxiesâ€™. Geophysical Research Letters, 2002, 29, 139-1-139-4.	4.0	104
63	Projected changes in persistent extreme summer weather events: The role of quasi-resonant amplification. Science Advances, 2018, 4, eaat3272.	10.3	104
64	Phase diagram and low-temperature behavior of oxygen ordering inYBa2Cu3Ozusingab initiointeractions. Physical Review B, 1990, 41, 8698-8701.	3.2	102
65	Climate Over the Past Two Millennia. Annual Review of Earth and Planetary Sciences, 2007, 35, 111-136.	11.0	99
66	Upper Ocean Temperatures Hit Record High in 2020. Advances in Atmospheric Sciences, 2021, 38, 523-530.	4.3	99
67	Greenhouse warming and changes in the seasonal cycle of temperature: Model versus observations. Geophysical Research Letters, 1996, 23, 1111-1114.	4.0	98
68	Using paleoclimate proxy-data to select optimal realisations in an ensemble of simulations of the climate of the past millennium. Climate Dynamics, 2006, 27, 165-184.	3.8	97
69	The role of forcing and internal dynamics in explaining the â€œMedieval Climate Anomalyâ€• Climate Dynamics, 2012, 39, 2847-2866.	3.8	97
70	Absence of internal multidecadal and interdecadal oscillations in climate model simulations. Nature Communications, 2020, 11, 49.	12.8	97
71	El Niño-Like Climate Teleconnections in New England During the Late Pleistocene. Science, 2000, 288, 1039-1042.	12.6	96
72	Concerns of young protesters are justified. Science, 2019, 364, 139-140.	12.6	96

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73	On past temperatures and anomalous late-20th-century warmth. Eos, 2003, 84, 256-256.	0.1	95
74	A trading-space-for-time approach to probabilistic continuous streamflow predictions in a changing climate â€“ accounting for changing watershed behavior. Hydrology and Earth System Sciences, 2011, 15, 3591-3603.	4.9	95
75	Acceleration of phenological advance and warming with latitude over the past century. Scientific Reports, 2018, 8, 3927.	3.3	95
76	Importance of the pre-industrial baseline for likelihood of exceeding Paris goals. Nature Climate Change, 2017, 7, 563-567.	18.8	93
77	Increased threat of tropical cyclones and coastal flooding to New York City during the anthropogenic era. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 12610-12615.	7.1	92
78	Separating Internal Variability from the Externally Forced Climate Response. Journal of Climate, 2015, 28, 8184-8202.	3.2	90
79	The origin of the European "Medieval Warm Period". Climate of the Past, 2006, 2, 99-113.	3.4	89
80	Defining dangerous anthropogenic interference. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 4065-4066.	7.1	85
81	Initialized Earth System prediction from subseasonal to decadal timescales. Nature Reviews Earth & Environment, 2021, 2, 340-357.	29.7	85
82	Decadal to millennial-scale periodicities in North Iceland shelf sediments over the last 12â€ˆ000 cal yr: long-term North Atlantic oceanographic variability and solar forcing. Earth and Planetary Science Letters, 2003, 210, 453-465.	4.4	81
83	Estimating Central Equatorial Pacific SST Variability over the Past Millennium. Part I: Methodology and Validation. Journal of Climate, 2013, 26, 2302-2328.	3.2	79
84	Reconstructing surface temperature changes over the past 600 years using climate model simulations with data assimilation. Journal of Geophysical Research, 2010, 115, .	3.3	78
85	A vulnerability driven approach to identify adverse climate and land use change combinations for critical hydrologic indicator thresholds: Application to a watershed in Pennsylvania, USA. Water Resources Research, 2014, 50, 3409-3427.	4.2	76
86	Multiproxy reconstructions of the North Atlantic Oscillation. Paleoceanography, 2001, 16, 27-39.	3.0	75
87	1,500Âyear quantitative reconstruction of winter precipitation in the Pacific Northwest. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 11619-11623.	7.1	75
88	ENSO related variability in the Southern Hemisphere, 1948-2000. Geophysical Research Letters, 2003, 30, 6-1-6-4.	4.0	73
89	The Great Salt Lake: A Barometer of Low-Frequency Climatic Variability. Water Resources Research, 1995, 31, 2503-2515.	4.2	72
90	Climate Field Reconstruction under Stationary and Nonstationary Forcing. Journal of Climate, 2003, 16, 462-479.	3.2	70

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91	Spatial correlations of interdecadal variation in global surface temperatures. Geophysical Research Letters, 1993, 20, 1055-1058.	4.0	68
92	Smoothing of climate time series revisited. Geophysical Research Letters, 2008, 35, .	4.0	68
93	Decadal-to-centennial-scale climate variability: Insights into the rise and fall of the Great Salt Lake. Geophysical Research Letters, 1995, 22, 937-940.	4.0	66
94	Simple indices of global climate variability and change: Part I â€“ variability and correlation structure. Climate Dynamics, 2003, 20, 491-502.	3.8	66
95	States of partial order inYBa2Cu3Oz. Physical Review Letters, 1989, 63, 1300-1303.	7.8	65
96	Tree-ring reconstructions of temperature and sea-level pressure variability associated with the warm-season Arctic Oscillation since AD 1650. Geophysical Research Letters, 2003, 30, .	4.0	59
97	Optimal surface temperature reconstructions using terrestrial borehole data. Journal of Geophysical Research, 2003, 108, .	3.3	58
98	Decadal to centennial variability of the Atlantic from observations and models. Geophysical Monograph Series, 2007, , 131-148.	0.1	58
99	Evidence for a modest undercount bias in early historical Atlantic tropical cyclone counts. Geophysical Research Letters, 2007, 34, .	4.0	58
100	The medieval climate anomaly in Europe: Comparison of the summer and annual mean signals in two reconstructions and in simulations with data assimilation. Global and Planetary Change, 2012, 84-85, 35-47.	3.5	57
101	CLIMATE CHANGE: Lessons for a New Millennium. Science, 2000, 289, 253-254.	12.6	53
102	A Gridded Reconstruction of Warm Season Precipitation for Asia Spanning the Past Half Millennium. Journal of Climate, 2013, 26, 2192-2204.	3.2	53
103	Comparison of Low-Frequency Internal Climate Variability in CMIP5 Models and Observations. Journal of Climate, 2017, 30, 4763-4776.	3.2	53
104	Multiproxy evidence of Holocene climate variability from estuarine sediments, eastern North America. Paleoceanography, 2005, 20, n/a-n/a.	3.0	52
105	Sea-level rise and other influences on decadal-scale salinity variability in a coastal plain estuary. Estuarine, Coastal and Shelf Science, 2015, 157, 79-92.	2.1	51
106	Seasonality and Interannual Variations of Northern Hemisphere Temperature: Equator-to-Pole Gradient and Oceanâ€“Land Contrast. Journal of Climate, 1999, 12, 1086-1100.	3.2	50
107	Atlantic tropical cyclones revisited. Eos, 2007, 88, 349-350.	0.1	49
108	On the Choice of Ensemble Mean for Estimating the Forced Signal in the Presence of Internal Variability. Journal of Climate, 2018, 31, 5681-5693.	3.2	48

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109	Another Record: Ocean Warming Continues through 2021 despite La NiÃ±a Conditions. Advances in Atmospheric Sciences, 2022, 39, 373-385.	4.3	47
110	General circulation modelling of Holocene climate variability. Quaternary Science Reviews, 2004, 23, 2167-2181.	3.0	45
111	Internet Blogs, Polar Bears, and Climate-Change Denial by Proxy. BioScience, 2018, 68, 281-287.	4.9	45
112	Alternative methods of proxy-based climate field reconstruction: application to summer drought over the conterminous United States back to AD 1700 from tree-ring data. Holocene, 2004, 14, 502-516.	1.7	44
113	The North Atlantic Oscillation and regional phenology prediction over Europe. Global Change Biology, 2005, 11, 919-926.	9.5	43
114	The 15th century Arctic warming in coupled model simulations with data assimilation. Climate of the Past, 2009, 5, 389-401.	3.4	43
115	Observed and Modeled Changes in the South Asian Summer Monsoon over the Historical Period*. Journal of Climate, 2010, 23, 5193-5205.	3.2	43
116	Spatial and temporal variability of 7Be surface concentrations. Tellus, Series B: Chemical and Physical Meteorology, 1996, 48, 387-396.	1.6	42
117	Correction to â€œOptimal surface temperature reconstructions using terrestrial borehole dataâ€• Journal of Geophysical Research, 2004, 109, .	3.3	42
118	On long range dependence in global surface temperature series. Climatic Change, 2011, 107, 267-276.	3.6	42
119	Interannual Temperature Events and Shifts in Global Temperature: A â€œMultiwaveletâ€•Correlation Approach. Earth Interactions, 2000, 4, 1-36.	1.5	41
120	The Likelihood of Recent Record Warmth. Scientific Reports, 2016, 6, 19831.	3.3	41
121	Causes of differences in model and satellite tropospheric warming rates. Nature Geoscience, 2017, 10, 478-485.	12.9	40
122	Assessing climate change impacts on extreme weather events: the case for an alternative (Bayesian) approach. Climatic Change, 2017, 144, 131-142.	3.6	40
123	Science and the public: Debate, denial, and skepticism. Journal of Social and Political Psychology, 2016, 4, 537-553.	1.1	40
124	The influence of climate state variables on Atlantic Tropical Cyclone occurrence rates. Journal of Geophysical Research, 2007, 112, .	3.3	38
125	Climate response to tropical cycloneâ€induced ocean mixing in an Earth system model of intermediate complexity. Journal of Geophysical Research, 2010, 115, .	3.3	38
126	Understanding Changes in the Asian Summer Monsoon over the Past Millennium: Insights from a Long-Term Coupled Model Simulation*. Journal of Climate, 2009, 22, 1736-1748.	3.2	37

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127	The complex relationship between personal sense of connection to animals and selfâ€reported proenvironmental behaviors by zoo visitors. Conservation Biology, 2017, 31, 322-330.	4.7	36
128	Probabilistic Projections of Anthropogenic Climate Change Impacts on Precipitation for the Mid-Atlantic Region of the United States*. Journal of Climate, 2012, 25, 5273-5291.	3.2	34
129	Ocean-atmosphere forcing of centennial hydroclimate variability in the Pacific Northwest. Geophysical Research Letters, 2014, 41, 2553-2560.	4.0	33
130	Interpretations of the Paris climate target. Nature Geoscience, 2018, 11, 220-221.	12.9	33
131	Probabilistic Projections of Climate Change for the Mid-Atlantic Region of the United States: Validation of Precipitation Downscaling during the Historical Era*. Journal of Climate, 2012, 25, 509-526.	3.2	31
132	Record temperature streak bears anthropogenic fingerprint. Geophysical Research Letters, 2017, 44, 7936-7944.	4.0	31
133	Stratified statistical models of North Atlantic basinâ€wide and regional tropical cyclone counts. Journal of Geophysical Research, 2012, 117, .	3.3	30
134	The Scope of Medieval Warming. Science, 2001, 292, 2011b-2012.	12.6	30
135	Late-Eighteenth-Century Precipitation Reconstructions from James Madison's Montpelier Plantation. Bulletin of the American Meteorological Society, 2003, 84, 57-72.	3.3	29
136	Quasi-biennial corn yield cycles in Iowa. Agricultural and Forest Meteorology, 2009, 149, 1087-1094.	4.8	29
137	Comments on â€œA Surrogate Ensemble Study of Climate Reconstruction Methods: Stochasticity and Robustnessâ€. Journal of Climate, 2010, 23, 2832-2838.	3.2	29
138	A Multivariate Frequency-Domain Approach to Long-Lead Climatic Forecasting*. Weather and Forecasting, 1998, 13, 58-74.	1.4	28
139	Spatial and temporal variability of ⁷Be surface concentrations. Tellus, Series B: Chemical and Physical Meteorology, 2022, 48, 387.	1.6	27
140	Atmospheric circulation influences on seasonal precipitation patterns in Alaska during the latter 20th century. Journal of Geophysical Research, 2004, 109, n/a-n/a.	3.3	27
141	Tree-Ring Chronologies and Climate Variability. Science, 2002, 296, 848-849.	12.6	26
142	Long-Term Variability in the El NiÃ±o/Southern Oscillation and Associated Teleconnections. , 0, , 357-410.		25
143	Future Changes in the South Asian Summer Monsoon: An Analysis of the CMIP3 Multimodel Projections. Journal of Climate, 2012, 25, 3909-3928.	3.2	24
144	Longâ€term variations of North Atlantic tropical cyclone activity downscaled from a coupled model simulation of the last millennium. Journal of Geophysical Research D: Atmospheres, 2013, 118, 13,383.	3.3	24

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145	A Distinctly Interdecadal Signal of Pacific Oceanâ€“Atmosphere Interaction. Journal of Climate, 2005, 18, 1709-1718.	3.2	23
146	Comment on â€œHeat capacity, time constant, and sensitivity of Earth's climate systemâ€•by S. E. Schwartz. Journal of Geophysical Research, 2008, 113, .	3.3	23
147	Discrepancies between the modeled and proxyâ€reconstructed response to volcanic forcing over the past millennium: Implications and possible mechanisms. Journal of Geophysical Research D: Atmospheres, 2013, 118, 7617-7627.	3.3	23
148	Creating a Common Climate Language. Science, 2009, 324, 36-37.	12.6	22
149	Beyond the hockey stick: Climate lessons from the Common Era. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	22
150	Nonlinear dynamics and the Great Salt Lake: A predictable indicator of regional climate. Energy, 1996, 21, 655-665.	8.8	21
151	Addressing the Health Risks of Climate Change in Older Adults. Journal of Gerontological Nursing, 2019, 45, 21-29.	0.6	21
152	Reply to comment on â€œGround vs. surface air temperature trends: Implications for borehole surface temperature reconstructionsâ€•by D. Chapman et al.. Geophysical Research Letters, 2004, 31, n/a-n/a.	4.0	20
153	False Hope. Scientific American, 2014, 310, 78-81.	1.0	20
154	Climate during the past millennium. Weather, 2001, 56, 91-102.	0.7	18
155	Downscaled rainfall projections in south Florida using self-organizing maps. Science of the Total Environment, 2018, 635, 1110-1123.	8.0	18
156	The Cretaceous-Tertiary extinction: Modeling carbon flux and ecological response. Paleoceanography, 2004, 19, n/a-n/a.	3.0	17
157	The â€˜pauseâ€™ in global warming in historical context: (II). Comparing models to observations. Environmental Research Letters, 2018, 13, 123007.	5.2	17
158	Time to Take Action on Climate Communication. Science, 2010, 330, 1044-1044.	12.6	16
159	Response to Comment on â€œAtlantic and Pacific multidecadal oscillations and Northern Hemisphere temperaturesâ€• Science, 2015, 350, 1326-1326.	12.6	16
160	Anthropogenic Warming and Population Growth May Double US Heat Stress by the Late 21st Century. Earth's Future, 2021, 9, e2020EF001886.	6.3	16
161	Interannual variability in the NCEP Reanalysis 1948-1999. Geophysical Research Letters, 2002, 29, 132-1-132-4.	4.0	15
162	Open data for algorithms: mapping poverty in Belize using open satellite derived features and machine learning. Information Technology for Development, 2021, 27, 263-292.	4.8	15

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163	Potential biases in inferring Holocene temperature trends from longâ€term borehole information. Geophysical Research Letters, 2009, 36, .	4.0	14
164	An analysis of longâ€term relationships among count statistics and metrics of synthetic tropical cyclones downscaled from CMIP5 models. Journal of Geophysical Research D: Atmospheres, 2015, 120, 7506-7519.	3.3	14
165	Predictability of the recent slowdown and subsequent recovery of largeâ€scale surface warming using statistical methods. Geophysical Research Letters, 2016, 43, 3459-3467.	4.0	14
166	Climate of the Past Millennium: Combining Proxy Data and Model Simulations. , 0, , 163-188.		13
167	Downscaling reveals diverse effects of anthropogenic climate warming on the potential for local environments to support malaria transmission. Climatic Change, 2014, 125, 479-488.	3.6	13
168	Viewpoint: Why Disclosure Matters. Environmental Science & Technology, 2015, 49, 7527-7528.	10.0	13
169	Global Temperature Patterns. Science, 1998, 280, 2027e-2027.	12.6	13
170	Coupled patterns of spatiotemporal variability in Northern Hemisphere sea level pressure and conterminous U.S. drought. Journal of Geophysical Research, 2005, 110, .	3.3	12
171	Future imaginings and the battle over climate science: an interview with Michael Mann. Organization, 2013, 20, 748-756.	4.8	12
172	The Serengeti strategy: How special interests try to intimidate scientists, and how best to fight back. Bulletin of the Atomic Scientists, 2015, 71, 33-45.	0.6	12
173	Probabilistic trend of anomalous summer rainfall in Beijing: Role of interdecadal variability. Journal of Geophysical Research, 2008, 113, .	3.3	11
174	DO GLOBAL WARMING AND CLIMATE CHANGE REPRESENT A SERIOUS THREAT TO OUR WELFARE AND ENVIRONMENT?. Social Philosophy and Policy, 2009, 26, 193-230.	0.2	11
175	Reply to 'Tree rings and volcanic cooling'. Nature Geoscience, 2012, 5, 837-838.	12.9	11
176	A Fiscally Based Scale for Tropical Cyclone Storm Surge. Weather and Forecasting, 2018, 33, 1709-1723.	1.4	11
177	Interhemispheric antiphasing of neotropical precipitation during the past millennium. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2120015119.	7.1	11
178	Reply to comment by Jason E. Smerdon et al. on â€œRobustness of proxy-based climate field reconstruction methodsâ€• Journal of Geophysical Research, 2008, 113, .	3.3	10
179	Improved Representation of Tropical Pacific Oceanâ€“Atmosphere Dynamics in an Intermediate Complexity Climate Model. Journal of Climate, 2014, 27, 168-185.	3.2	10
180	The supply of climate leaders must grow. Nature Climate Change, 2016, 6, 1052-1054.	18.8	10

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181	commentary and analysis: Comments on "Detection and Attribution of Recent Climate Change: A Status Report". Bulletin of the American Meteorological Society, 2000, 81, 2987-2992.	3.3	9
182	On the Estimation of Internal Climate Variability During the Preindustrial Past Millennium. Geophysical Research Letters, 2022, 49, .	4.0	9
183	Nematic liquid crystals. Molecular Physics, 1989, 66, 493-507.	1.7	8
184	Science Needs for Sea-Level Adaptation Planning: Comparisons among Three U.S. Atlantic Coastal Regions. Coastal Management, 2015, 43, 555-574.	2.0	8
185	The ocean response to climate change guides both adaptation and mitigation efforts. Atmospheric and Oceanic Science Letters, 2022, 15, 100221.	1.3	8
186	Michael E. Mann: A scientist in the crosshairs of climate-change denial. Bulletin of the Atomic Scientists, 2010, 66, 1-7.	0.6	7
187	Comment on â€œInfluence of the Southern Oscillation on tropospheric temperatureâ€•by J. D. McLean, C. R. de Freitas, and R. M. Carter. Journal of Geophysical Research, 2010, 115, .	3.3	7
188	Constraints on Lake Agassiz discharge through the late-glacial Champlain Sea (St. Lawrence Lowlands,) Tj ETQq0 0 0 rgBT /Overlock 10 T 30, 3248-3257.	3.0	7
189	Discussion of: A statistical analysis of multiple temperature proxies: Are reconstructions of surface temperatures over the last 1000 years reliable?. Annals of Applied Statistics, 2011, 5, .	1.1	7
190	Missing tree rings and the AD 774â€“775 radiocarbon event. Nature Climate Change, 2014, 4, 648-649.	18.8	7
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