Michael E Mann

List of Publications by Citations

211 papers	24,595 citations	70 h-index	155 g-index
236 ext. papers	27,578 ext. citations	9.8 avg, IF	7.2 L-index

#	Paper	IF	Citations
211	Global signatures and dynamical origins of the Little Ice Age and Medieval Climate Anomaly. *Science*, **2009**, 326, 1256-60	33.3	1521
210	ADVANCED SPECTRAL METHODS FOR CLIMATIC TIME SERIES. *Reviews of Geophysics*, **2002**, 40, 3-1	23.1	1401
209	Global-scale temperature patterns and climate forcing over the past six centuries. *Nature*, **1998**, 392, 779-787	50.4	1312
208	Northern hemisphere temperatures during the past millennium: Inferences, uncertainties, and limitations. *Geophysical Research Letters*, **1999**, 26, 759-762	4.9	1163
207	Observed and simulated multidecadal variability in the Northern Hemisphere. *Climate Dynamics*, **2000**, 16, 661-676	4.2	928
206	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, 13252-7	11.5	872
205	A signature of persistent natural thermohaline circulation cycles in observed climate. *Geophysical Research Letters*, **2005**, 32,	4.9	868
204	Robust estimation of background noise and signal detection in climatic time series. *Climatic Change* , **1996**, 33, 409-445	4.5	861
203	Climate over past millennia. *Reviews of Geophysics*, **2004**, 42,	23.1	744
202	Solar forcing of regional climate change during the Maunder Minimum. *Science*, **2001**, 294, 2149-52	33.3	609
201	Global Temperature Patterns in Past Centuries: An Interactive Presentation. *Earth Interactions*, **2000**, 4, 1-1	1.5	557
200	Global surface temperatures over the past two millennia. *Geophysical Research Letters*, **2003**, 30,	4.9	518
199	Warming of the Antarctic ice-sheet surface since the 1957 International Geophysical Year. *Nature*, **2009**, 457, 459-62	50.4	506
198	Exceptional twentieth-century slowdown in Atlantic Ocean overturning circulation. *Nature Climate Change*, **2015**, 5, 475-480	21.4	500
197	High-resolution palaeoclimatology of the last millennium: a review of current status and future prospects. *Holocene*, **2009**, 19, 3-49	2.6	499
196	Atlantic hurricane trends linked to climate change. *Eos*, **2006**, 87, 233	1.5	417
195	Volcanic and Solar Forcing of the Tropical Pacific over the Past 1000 Years. *Journal of Climate*, **2005**, 18, 447-456	4.4	393

194	Proxy evidence for an El Niño-like response to volcanic forcing. *Nature*, **2003**, 426, 274-8	50.4	336
193	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, 11017-22	11.5	310
192	A Well-Verified, Multiproxy Reconstruction of the Winter North Atlantic Oscillation Index sincea.d.1400*. *Journal of Climate*, **2002**, 15, 1754-1764	4.4	277
191	An overview of results from the Coupled Model Intercomparison Project. *Global and Planetary Change*, **2003**, 37, 103-133	4.2	275
190	Global-scale modes of surface temperature variability on interannual to century timescales. *Journal of Geophysical Research*, **1994**, 99, 25819		211
189	Volcanic and Solar Forcing of Climate Change during the Preindustrial Era. *Journal of Climate*, **2003**, 16, 4094-4107	4.4	202
188	Global interdecadal and century-scale climate oscillations during the past five centuries. *Nature*, **1995**, 378, 266-270	50.4	202
187	Climate change and California drought in the 21st century. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 3858-9	11.5	198
186	Climate change. Atlantic and Pacific multidecadal oscillations and Northern Hemisphere temperatures. *Science*, **2015**, 347, 988-91	33.3	194
185	Atlantic hurricanes and climate over the past 1,500 years. *Nature*, **2009**, 460, 880-3	50.4	187
184	Dynamic winter climate response to large tropical volcanic eruptions since 1600. *Journal of Geophysical Research*, **2004**, 109,		183
183	Proxy-Based Northern Hemisphere Surface Temperature Reconstructions: Sensitivity to Method, Predictor Network, Target Season, and Target Domain. *Journal of Climate*, **2005**, 18, 2308-2329	4.4	181
182	Climate change will affect global water availability through compounding changes in seasonal precipitation and evaporation. *Nature Communications*, **2020**, 11, 3044	17.4	167
181	Using palaeo-climate comparisons to constrain future projections in CMIP5. *Climate of the Past*, **2014**, 10, 221-250	3.9	160
180	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	4.4	153
179	Influence of Anthropogenic Climate Change on Planetary Wave Resonance and Extreme Weather Events. *Scientific Reports*, **2017**, 7, 45242	4.9	152
178	The polar regions in a 2°C warmer world. *Science Advances*, **2019**, 5, eaaw9883	14.3	144
177	Underestimation of volcanic cooling in tree-ring-based reconstructions of hemispheric temperatures. *Nature Geoscience*, **2012**, 5, 202-205	18.3	137

176	Estimating Central Equatorial Pacific SST Variability over the Past Millennium. Part II: Reconstructions and Implications. *Journal of Climate*, **2013**, 26, 2329-2352	4.4	136
175	Climate reconstruction. The value of multiple proxies. *Science*, **2002**, 297, 1481-2	33.3	133
174	Testing the Fidelity of Methods Used in Proxy-Based Reconstructions of Past Climate. *Journal of Climate*, **2005**, 18, 4097-4107	4.4	132
173	Implications of temperature variation for malaria parasite development across Africa. *Scientific Reports*, **2013**, 3, 1300	4.9	131
172	Robust comparison of climate models with observations using blended land air and ocean sea surface temperatures. *Geophysical Research Letters*, **2015**, 42, 6526-6534	4.9	119
171	On the variability of ENSO over the past six centuries. *Geophysical Research Letters*, **2005**, 32,	4.9	119
170	The Hockey Stick and the Climate Wars **2012**,		119
169	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, 385-91	10.3	117
168	Impact of climate change on New York City'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	11.5	115
167	Separating Forced from Chaotic Climate Variability over the Past Millennium. *Journal of Climate*, **2013**, 26, 6954-6973	4.4	111
166	Robustness of proxy-based climate field reconstruction methods. *Journal of Geophysical Research*, **2007**, 112,		111
165	Spatial and Temporal Characteristics of Climate in Medieval Times Revisited. *Bulletin of the American Meteorological Society*, **2011**, 92, 1487-1500	6.1	105
164	On forced temperature changes, internal variability, and the AMO. *Geophysical Research Letters*, **2014**, 41, 3211-3219	4.9	104
163	Constraining temperature variations over the last millennium by comparing simulated and observed atmospheric CO2. *Climate Dynamics*, **2003**, 20, 281-299	4.2	103
162	Ground vs. surface air temperature trends: Implications for borehole surface temperature reconstructions. *Geophysical Research Letters*, **2003**, 30,	4.9	101
161	Phase diagram and low-temperature behavior of oxygen ordering in YBa2Cu3Oz using ab initio interactions. *Physical Review B*, **1990**, 41, 8698-8701	3.3	98
160	Oscillatory Spatiotemporal Signal Detection in Climate Studies: A Multiple-Taper Spectral Domain Approach. *Advances in Geophysics*, **1999**, 41, 1-131	4.8	95
159	Large-Scale Climate Variability and Connections with the Middle East in Past Centuries. *Climatic Change*, **2002**, 55, 287-314	4.5	94

158	Long-term patterns of solar irradiance forcing in model experiments and proxy based surface temperature reconstructions. *Climate Dynamics*, **2002**, 18, 563-578	4.2	93
157	Climate reconstruction using Pseudoproxies *Geophysical Research Letters*, **2002**, 29, 139-1-139-4	4.9	89
156	Chapter 1 Mediterranean climate variability over the last centuries: A review. *Developments in Earth and Environmental Sciences*, **2006**, 4, 27-148		87
155	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	4.2	86
154	On smoothing potentially non-stationary climate time series. *Geophysical Research Letters*, **2004**, 31, n/a-n/a	4.9	86
153	El Nino-like climate teleconnections in new england during the late pleistocene. *Science*, **2000**, 288, 1039-42	33.3	85
152	A trading-space-for-time approach to probabilistic continuous streamflow predictions in a changing climate accounting for changing watershed behavior. *Hydrology and Earth System Sciences*, **2011**, 15, 3591-3603	5.5	84
151	Climate Over the Past Two Millennia. *Annual Review of Earth and Planetary Sciences*, **2007**, 35, 111-136	15.3	84
150	On past temperatures and anomalous late-20th-century warmth. *Eos*, **2003**, 84, 256-256	1.5	82
149	The role of forcing and internal dynamics in explaining the Medieval Climate Anomaly *Climate Dynamics*, **2012**, 39, 2847-2866	4.2	80
148	Greenhouse warming and changes in the seasonal cycle of temperature: Model versus observations. *Geophysical Research Letters*, **1996**, 23, 1111-1114	4.9	77
147	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, 12610-5	11.5	73
146	Separating Internal Variability from the Externally Forced Climate Response. *Journal of Climate*, **2015**, 28, 8184-8202	4.4	72
145	The origin of the European "Medieval Warm Period". *Climate of the Past*, **2006**, 2, 99-113	3.9	72
144	Defining dangerous anthropogenic interference. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 4065-6	11.5	71
143	Decadal to millennial-scale periodicities in North Iceland shelf sediments over the last 12 000 cal yr: long-term North Atlantic oceanographic variability and solar forcing. *Earth and Planetary Science Letters*, **2003**, 210, 453-465	5.3	70
142	Concerns of young protesters are justified. *Science*, **2019**, 364, 139-140	33.3	69
141	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	5.4	67

140	Importance of the Pre-Industrial Baseline in Determining the Likelihood of Exceeding the Paris Limits. *Nature Climate Change*, **2017**, 7, 563-567	21.4	67
139	Estimating Central Equatorial Pacific SST Variability over the Past Millennium. Part I: Methodology and Validation. *Journal of Climate*, **2013**, 26, 2302-2328	4.4	66
138	Climate Field Reconstruction under Stationary and Nonstationary Forcing. *Journal of Climate*, **2003**, 16, 462-479	4.4	64
137	Projected changes in persistent extreme summer weather events: The role of quasi-resonant amplification. *Science Advances*, **2018**, 4, eaat3272	14.3	64
136	States of partial order in YBa2Cu3Oz. *Physical Review Letters*, **1989**, 63, 1300-1303	7.4	63
135	Acceleration of phenological advance and warming with latitude over the past century. *Scientific Reports*, **2018**, 8, 3927	4.9	62
134	1,500 year quantitative reconstruction of winter precipitation in the Pacific Northwest. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 11619-23	11.5	62
133	Increasing ocean stratification over the past half-century. *Nature Climate Change*, **2020**, 10, 1116-1123	21.4	61
132	Multiproxy reconstructions of the North Atlantic Oscillation. *Paleoceanography*, **2001**, 16, 27-39		60
131	The Great Salt Lake: A Barometer of Low-Frequency Climatic Variability. *Water Resources Research*, **1995**, 31, 2503-2515	5.4	60
130	Reconstructing surface temperature changes over the past 600 years using climate model simulations with data assimilation. *Journal of Geophysical Research*, **2010**, 115,		59
129	Simple indices of global climate variability and change: Part I Variability and correlation structure. *Climate Dynamics*, **2003**, 20, 491-502	4.2	57
128	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	5.3	57
127	Decadal-to-centennial-scale climate variability: Insights into the rise and fall of the Great Salt Lake. *Geophysical Research Letters*, **1995**, 22, 937-940	4.9	56
126	Smoothing of climate time series revisited. *Geophysical Research Letters*, **2008**, 35,	4.9	54
125	Spatial correlations of interdecadal variation in global surface temperatures. *Geophysical Research Letters*, **1993**, 20, 1055-1058	4.9	53
124	Optimal surface temperature reconstructions using terrestrial borehole data. *Journal of Geophysical Research*, **2003**, 108,		52
123	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,	4.9	49

122	Seasonality and Interannual Variations of Northern Hemisphere Temperature: Equator-to-Pole Gradient and Ocean–Land Contrast. *Journal of Climate*, **1999**, 12, 1086-1100	4.4	48
121	Decadal to Centennial Variability of the Atlantic from Observations and Models. *Geophysical Monograph Series*, **2007**, 131-148	1.1	47
120	Multiproxy evidence of Holocene climate variability from estuarine sediments, eastern North America. *Paleoceanography*, **2005**, 20, n/a-n/a		47
119	Absence of internal multidecadal and interdecadal oscillations in climate model simulations. *Nature Communications*, **2020**, 11, 49	17.4	47
118	Multidecadal climate oscillations during the past millennium driven by volcanic forcing. *Science*, **2021**, 371, 1014-1019	33.3	47
117	Evidence for a modest undercount bias in early historical Atlantic tropical cyclone counts. *Geophysical Research Letters*, **2007**, 34,	4.9	46
116	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	4.2	44
115	A Gridded Reconstruction of Warm Season Precipitation for Asia Spanning the Past Half Millennium. *Journal of Climate*, **2013**, 26, 2192-2204	4.4	44
114	Comparison of Low-Frequency Internal Climate Variability in CMIP5 Models and Observations. *Journal of Climate*, **2017**, 30, 4763-4776	4.4	41
113	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	2.6	41
112	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	2.9	40
111	Observed and Modeled Changes in the South Asian Summer Monsoon over the Historical Period*. *Journal of Climate*, **2010**, 23, 5193-5205	4.4	40
110	General circulation modelling of Holocene climate variability. *Quaternary Science Reviews*, **2004**, 23, 2167-2181	3.9	40
109	CLIMATE CHANGE: Lessons for a New Millennium. *Science*, **2000**, 289, 253-4	33.3	40
108	On long range dependence in global surface temperature series. *Climatic Change*, **2011**, 107, 267-276	4.5	37
107	Spatial and temporal variability of 7Be surface concentrations. *Tellus, Series B: Chemical and Physical Meteorology*, **1996**, 48, 387-396	3.3	37
106	Correction to "Optimal surface temperature reconstructions using terrestrial borehole data" *Journal of Geophysical Research*, **2004**, 109,		36
105	The 15th century Arctic warming in coupled model simulations with data assimilation. *Climate of the Past*, **2009**, 5, 389-401	3.9	35

104	On the Choice of Ensemble Mean for Estimating the Forced Signal in the Presence of Internal Variability. *Journal of Climate*, **2018**, 31, 5681-5693	4.4	34
103	Atlantic tropical cyclones revisited. *Eos*, **2007**, 88, 349-350	1.5	34
102	The Likelihood of Recent Record Warmth. *Scientific Reports*, **2016**, 6, 19831	4.9	34
101	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	4.4	33
100	The influence of climate state variables on Atlantic Tropical Cyclone occurrence rates. *Journal of Geophysical Research*, **2007**, 112,		33
99	ENSO related variability in the Southern Hemisphere, 1948–2000. *Geophysical Research Letters*, **2003**, 30, 6-1-6-4	4.9	33
98	The North Atlantic Oscillation and regional phenology prediction over Europe. *Global Change Biology*, **2005**, 11, 919-926	11.4	33
97	Interannual Temperature Events and Shifts in Global Temperature: A Multiwavelet Correlation Approach. *Earth Interactions*, **2000**, 4, 1-36	1.5	33
96	Internet Blogs, Polar Bears, and Climate-Change Denial by Proxy. *BioScience*, **2018**, 68, 281-287	5.7	33
95	Improved Estimates of Changes in Upper Ocean Salinity and the Hydrological Cycle. *Journal of Climate*, **2020**, 33, 10357-10381	4.4	32
94	Climate response to tropical cyclone-induced ocean mixing in an Earth system model of intermediate complexity. *Journal of Geophysical Research*, **2010**, 115,		31
93	Initialized Earth System prediction from subseasonal to decadal timescales. *Nature Reviews Earth & Environment*, **2021**, 2, 340-357	30.2	30
92	Causes of differences in model and satellite tropospheric warming rates. *Nature Geoscience*, **2017**, 10, 478-485	18.3	29
91	The Hockey Stick and the Climate Wars **2013**,		29
90	Assessing climate change impacts on extreme weather events: the case for an alternative (Bayesian) approach. *Climatic Change*, **2017**, 144, 131-142	4.5	28
89	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	4.4	28
88	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	4.4	28
87	Quasi-biennial corn yield cycles in Iowa. *Agricultural and Forest Meteorology*, **2009**, 149, 1087-1094	5.8	27

86	Late-Eighteenth-Century Precipitation Reconstructions from James Madison's Montpelier Plantation. *Bulletin of the American Meteorological Society*, **2003**, 84, 57-72	6.1	27
85	The complex relationship between personal sense of connection to animals and self-reported proenvironmental behaviors by zoo visitors. *Conservation Biology*, **2017**, 31, 322-330	6	25
84	Ocean-atmosphere forcing of centennial hydroclimate variability in the Pacific Northwest. *Geophysical Research Letters*, **2014**, 41, 2553-2560	4.9	25
83	Record temperature streak bears anthropogenic fingerprint. *Geophysical Research Letters*, **2017**, 44, 7936-7944	4.9	25
82	Stratified statistical models of North Atlantic basin-wide and regional tropical cyclone counts. *Journal of Geophysical Research*, **2012**, 117, n/a-n/a		25
81	A Multivariate Frequency-Domain Approach to Long-Lead Climatic Forecasting*. *Weather and Forecasting*, **1998**, 13, 58-74	2.1	25
80	The scope of Medieval warming. *Science*, **2001**, 292, 2011-2	33.3	25
79	Science and the public: Debate, denial, and skepticism. *Journal of Social and Political Psychology*, **2016**, 4, 537-553	1.3	25
78	Comments on "A Surrogate Ensemble Study of Climate Reconstruction Methods: Stochasticity and Robustness" *Journal of Climate*, **2010**, 23, 2832-2838	4.4	24
77	Spatial and temporal variability of 7Be surface concentrations. *Tellus, Series B: Chemical and Physical Meteorology*, **1996**, 48, 387-396	3.3	24
76	Interpretations of the Paris climate target. *Nature Geoscience*, **2018**, 11, 220-221	18.3	23
75	Future Changes in the South Asian Summer Monsoon: An Analysis of the CMIP3 Multimodel Projections. *Journal of Climate*, **2012**, 25, 3909-3928	4.4	23
74	Atmospheric circulation influences on seasonal precipitation patterns in Alaska during the latter 20th century. *Journal of Geophysical Research*, **2004**, 109, n/a-n/a		23
73	Long-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, 13,383-13,392	4.4	22
72	Tree-ring chronologies and climate variability. *Science*, **2002**, 296, 848-9 author reply 848-9	33.3	22
71	A Distinctly Interdecadal Signal of Pacific Ocean–Atmosphere Interaction. *Journal of Climate*, **2005**, 18, 1709-1718	4.4	21
70	Comment on "Heat capacity, time constant, and sensitivity of Earth's climate system" by S. E. Schwartz. *Journal of Geophysical Research*, **2008**, 113,		20
69	Reply to comment on "Ground vs. surface air temperature trends: Implications for borehole surface temperature reconstructions" by D. Chapman et al.. *Geophysical Research Letters*, **2004**, 31, n/a-n/a	4.9	20

68	Discrepancies between the modeled and proxy-reconstructed response to volcanic forcing over the past millennium: Implications and possible mechanisms. *Journal of Geophysical Research D: Atmospheres*, **2013**, 118, 7617-7627	4.4	19
67	Nonlinear dynamics and the Great Salt Lake: A predictable indicator of regional climate. *Energy*, **1996**, 21, 655-665	7.9	19
66	False hope. *Scientific American*, **2014**, 310, 78-81	0.5	18
65	Creating a common climate language. *Science*, **2009**, 324, 36-7	33.3	18
64	Climate during the past millennium. *Weather*, **2001**, 56, 91-102	0.9	16
63	Response to Comment on "Atlantic and Pacific multidecadal oscillations and Northern Hemisphere temperatures". *Science*, **2015**, 350, 1326	33.3	15
62	Interannual variability in the NCEP Reanalysis 1948–1999. *Geophysical Research Letters*, **2002**, 29, 132-1-132-4	4.9	15
61	The Cretaceous-Tertiary extinction: Modeling carbon flux and ecological response. *Paleoceanography*, **2004**, 19, n/a-n/a		13
60	The 'pause' in global warming in historical context: (II). Comparing models to observations. *Environmental Research Letters*, **2018**, 13, 123007	6.2	13
59	Predictability of the recent slowdown and subsequent recovery of large-scale surface warming using statistical methods. *Geophysical Research Letters*, **2016**, 43, 3459-3467	4.9	12
58	An analysis of long-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	4.4	12
57	Downscaled rainfall projections in south Florida using self-organizing maps. *Science of the Total Environment*, **2018**, 635, 1110-1123	10.2	11
56	Downscaling reveals diverse effects of anthropogenic climate warming on the potential for local environments to support malaria transmission. *Climatic Change*, **2014**, 125, 479-488	4.5	11
55	Time to take action on climate communication. *Science*, **2010**, 330, 1044	33.3	11
54	Potential biases in inferring Holocene temperature trends from long-term borehole information. *Geophysical Research Letters*, **2009**, 36,	4.9	11
53	Climate of the Past Millennium: Combining Proxy Data and Model Simulations163-188		10
52	Another Record: Ocean Warming Continues through 2021 despite La Niña Conditions.. *Advances in Atmospheric Sciences*, **2022**, 39, 1-13	2.9	10
51	Global Temperature Patterns. *Science*, **1998**, 280, 2027e-2027	33.3	10

50	Improved Representation of Tropical Pacific Ocean–Atmosphere Dynamics in an Intermediate Complexity Climate Model. *Journal of Climate*, **2014**, 27, 168-185	4.4	9
49	Reply to 'Tree rings and volcanic cooling'. *Nature Geoscience*, **2012**, 5, 837-838	18.3	9
48	Probabilistic trend of anomalous summer rainfall in Beijing: Role of interdecadal variability. *Journal of Geophysical Research*, **2008**, 113,		9
47	Coupled patterns of spatiotemporal variability in Northern Hemisphere sea level pressure and conterminous U.S. drought. *Journal of Geophysical Research*, **2005**, 110,		9
46	Addressing the Health Risks of Climate Change in Older Adults. *Journal of Gerontological Nursing*, **2019**, 45, 21-29	1.2	9
45	Viewpoint: Why Disclosure Matters. *Environmental Science & Technology*, **2015**, 49, 7527-8	10.3	8
44	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	1.6	8
43	Future imaginings and the battle over climate science: an interview with Michael Mann. *Organization*, **2013**, 20, 748-756	2.1	8
42	Reply to comment by Jason E. Smerdon et al. on "Robustness of proxy-based climate field reconstruction methods". *Journal of Geophysical Research*, **2008**, 113,		8
41	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	6.1	8
40	A Fiscally Based Scale for Tropical Cyclone Storm Surge. *Weather and Forecasting*, **2018**, 33, 1709-1723	2.1	8
39	Constraints on Lake Agassiz discharge through the late-glacial Champlain Sea (St. Lawrence Lowlands, Canada) using salinity proxies and an estuarine circulation model. *Quaternary Science Reviews*, **2011**, 30, 3248-3257	3.9	7
38	Science Needs for Sea-Level Adaptation Planning: Comparisons among Three U.S. Atlantic Coastal Regions. *Coastal Management*, **2015**, 43, 555-574	3.3	6
37	Missing tree rings and the AD 774–775 radiocarbon event. *Nature Climate Change*, **2014**, 4, 648-649	21.4	6
36	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,	2.1	6
35	Michael E. Mann: A scientist in the crosshairs of climate-change denial. *Bulletin of the Atomic Scientists*, **2010**, 66, 1-7	1.6	6
34	Comment on "Influence of the Southern Oscillation on tropospheric temperature" by J. D. McLean, C. R. de Freitas, and R. M. Carter. *Journal of Geophysical Research*, **2010**, 115,		6
33	Statistical simulation of the influence of the NAO on European winter surface temperatures: Applications to phenological modeling. *Journal of Geophysical Research*, **2004**, 109,		6

32	Response [to Comment on "On past temperatures and anomalous late-20th-century warmth"]. *Eos*, **2003**, 84, 473	1.5	6
31	Nematic liquid crystals. *Molecular Physics*, **1989**, 66, 493-507	1.7	6
30	Anthropogenic Warming and Population Growth May Double US Heat Stress by the Late 21st Century. *Earthis Future*, **2021**, 9, e2020EF001886	7.9	6
29	Scale-dependent regional climate predictability over North America inferred from CMIP3 and CMIP5 ensemble simulations. *Advances in Atmospheric Sciences*, **2016**, 33, 905-918	2.9	6
28	Open data for algorithms: mapping poverty in Belize using open satellite derived features and machine learning. *Information Technology for Development*, **2021**, 27, 263-292	3.3	6
27	Comments on "Erroneous Model Field Representations in Multiple Pseudoproxy Studies: Corrections and Implications". *Journal of Climate*, **2013**, 26, 3482-3484	4.4	5
26	DO GLOBAL WARMING AND CLIMATE CHANGE REPRESENT A SERIOUS THREAT TO OUR WELFARE AND ENVIRONMENT?. *Social Philosophy and Policy*, **2009**, 26, 193-230	0.1	5
25	Are reconstructed pre-instrumental hemispheric temperatures consistent with instrumental hemispheric temperatures?. *Geophysical Research Letters*, **2004**, 31, n/a-n/a	4.9	5
24	Large-Scale Temperature Patterns in Past Centuries: Implications for North American Climate Change. *Human and Ecological Risk Assessment (HERA)*, **2001**, 7, 1247-1254	4.9	5
23	A comparison of the CCM1-simulated climates for pre-industrial and present-day CO2 levels. *Global and Planetary Change*, **1995**, 10, 163-180	4.2	5
22	Harnessing the uncertainty monster: Putting quantitative constraints on the intergenerational social discount rate. *Global and Planetary Change*, **2017**, 156, 155-166	4.2	4
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