

Michael E Mann

List of Publications by Year in Descending Order

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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.

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	On the Estimation of Internal Climate Variability During the Preindustrial Past Millennium. <i>Geophysical Research Letters</i> , 2022 , 49,	4.9	1
210	Another Record: Ocean Warming Continues through 2021 despite La Niña Conditions.. <i>Advances in Atmospheric Sciences</i> , 2022 , 39, 1-13	2.9	10
209	Interhemispheric antiphasing of neotropical precipitation during the past millennium.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119, e2120015119	11.5	1
208	The ocean response to climate change guides both adaptation and mitigation efforts. <i>Atmospheric and Oceanic Science Letters</i> , 2022 , 100221	1.4	0
207	Multidecadal climate oscillations during the past millennium driven by volcanic forcing. <i>Science</i> , 2021 , 371, 1014-1019	33.3	47
206	Initialized Earth System prediction from subseasonal to decadal timescales. <i>Nature Reviews Earth & Environment</i> , 2021 , 2, 340-357	30.2	30
205	Anthropogenic Warming and Population Growth May Double US Heat Stress by the Late 21st Century. <i>Earth's Future</i> , 2021 , 9, e2020EF001886	7.9	6
204	Open data for algorithms: mapping poverty in Belize using open satellite derived features and machine learning. <i>Information Technology for Development</i> , 2021 , 27, 263-292	3.3	6
203	Beyond the hockey stick: Climate lessons from the Common Era. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	2
202	The president needs to hit the ground running on climate. <i>Bulletin of the Atomic Scientists</i> , 2021 , 77, 21-236		
201	Climate change will affect global water availability through compounding changes in seasonal precipitation and evaporation. <i>Nature Communications</i> , 2020 , 11, 3044	17.4	167
200	Improved Estimates of Changes in Upper Ocean Salinity and the Hydrological Cycle. <i>Journal of Climate</i> , 2020 , 33, 10357-10381	4.4	32
199	Absence of internal multidecadal and interdecadal oscillations in climate model simulations. <i>Nature Communications</i> , 2020 , 11, 49	17.4	47
198	Increasing ocean stratification over the past half-century. <i>Nature Climate Change</i> , 2020 , 10, 1116-1123	21.4	61
197	Detecting causality signal in instrumental measurements and climate model simulations: global warming case study. <i>Geoscientific Model Development</i> , 2019 , 12, 4053-4060	6.3	2
196	Commentary: Reconstructing Four Centuries of Temperature-Induced Coral Bleaching on the Great Barrier Reef. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	4
195	Concerns of young protesters are justified. <i>Science</i> , 2019 , 364, 139-140	33.3	69

194	Le jet-stream, amplificateur météorologique. <i>Pour la science Fr</i> , 2019 , N° 503 - septembre, 50-59	0	
193	Addressing the Health Risks of Climate Change in Older Adults. <i>Journal of Gerontological Nursing</i> , 2019 , 45, 21-29	1.2	9
192	The polar regions in a 2°C warmer world. <i>Science Advances</i> , 2019 , 5, eaaw9883	14.3	144
191	Reconciling Climate Model/Data Discrepancies: The Case of the Trees That Didn't Bark 2018 , 175-197		1
190	Acceleration of phenological advance and warming with latitude over the past century. <i>Scientific Reports</i> , 2018 , 8, 3927	4.9	62
189	On the Choice of Ensemble Mean for Estimating the Forced Signal in the Presence of Internal Variability. <i>Journal of Climate</i> , 2018 , 31, 5681-5693	4.4	34
188	Interpretations of the Paris climate target. <i>Nature Geoscience</i> , 2018 , 11, 220-221	18.3	23
187	Downscaled rainfall projections in south Florida using self-organizing maps. <i>Science of the Total Environment</i> , 2018 , 635, 1110-1123	10.2	11
186	The 'pause' in global warming in historical context: (II). Comparing models to observations. <i>Environmental Research Letters</i> , 2018 , 13, 123007	6.2	13
185	A Fiscally Based Scale for Tropical Cyclone Storm Surge. <i>Weather and Forecasting</i> , 2018 , 33, 1709-1723	2.1	8
184	Projected changes in persistent extreme summer weather events: The role of quasi-resonant amplification. <i>Science Advances</i> , 2018 , 4, eaat3272	14.3	64
183	Tracking variable sedimentation rates and astronomical forcing in Phanerozoic paleoclimate proxy series with evolutionary correlation coefficients and hypothesis testing. <i>Earth and Planetary Science Letters</i> , 2018 , 501, 165-179	5.3	57
182	Internet Blogs, Polar Bears, and Climate-Change Denial by Proxy. <i>BioScience</i> , 2018 , 68, 281-287	5.7	33
181	The complex relationship between personal sense of connection to animals and self-reported proenvironmental behaviors by zoo visitors. <i>Conservation Biology</i> , 2017 , 31, 322-330	6	25
180	Harnessing the uncertainty monster: Putting quantitative constraints on the intergenerational social discount rate. <i>Global and Planetary Change</i> , 2017 , 156, 155-166	4.2	4
179	Causes of differences in model and satellite tropospheric warming rates. <i>Nature Geoscience</i> , 2017 , 10, 478-485	18.3	29
178	Briefing: Future climate projections allow engineering planning. <i>Proceedings of the Institution of Civil Engineers: Forensic Engineering</i> , 2017 , 170, 54-57	0.2	2
177	Influence of Anthropogenic Climate Change on Planetary Wave Resonance and Extreme Weather Events. <i>Scientific Reports</i> , 2017 , 7, 45242	4.9	152

176	Comparison of Low-Frequency Internal Climate Variability in CMIP5 Models and Observations. <i>Journal of Climate</i> , 2017 , 30, 4763-4776	4.4	41
175	Impact of climate change on New York City's coastal flood hazard: Increasing flood heights from the preindustrial to 2300 CE. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 11861-11866	11.5	115
174	Assessing climate change impacts on extreme weather events: the case for an alternative (Bayesian) approach. <i>Climatic Change</i> , 2017 , 144, 131-142	4.5	28
173	Importance of the Pre-Industrial Baseline in Determining the Likelihood of Exceeding the Paris Limits. <i>Nature Climate Change</i> , 2017 , 7, 563-567	21.4	67
172	Record temperature streak bears anthropogenic fingerprint. <i>Geophysical Research Letters</i> , 2017 , 44, 7936-7944	4.9	25
171	Reply to Comment on Comparison of Low-Frequency Internal Climate Variability in CMIP5 Models and Observations. <i>Journal of Climate</i> , 2017 , 30, 9773-9782	4.4	2
170	Predictability of the recent slowdown and subsequent recovery of large-scale surface warming using statistical methods. <i>Geophysical Research Letters</i> , 2016 , 43, 3459-3467	4.9	12
169	Science and the public: Debate, denial, and skepticism. <i>Journal of Social and Political Psychology</i> , 2016 , 4, 537-553	1.3	25
168	The Likelihood of Recent Record Warmth. <i>Scientific Reports</i> , 2016 , 6, 19831	4.9	34
167	Scale-dependent regional climate predictability over North America inferred from CMIP3 and CMIP5 ensemble simulations. <i>Advances in Atmospheric Sciences</i> , 2016 , 33, 905-918	2.9	6
166	Climate change. Atlantic and Pacific multidecadal oscillations and Northern Hemisphere temperatures. <i>Science</i> , 2015 , 347, 988-91	33.3	194
165	Viewpoint: Why Disclosure Matters. <i>Environmental Science & Technology</i> , 2015 , 49, 7527-8	10.3	8
164	Sea-level rise and other influences on decadal-scale salinity variability in a coastal plain estuary. <i>Estuarine, Coastal and Shelf Science</i> , 2015 , 157, 79-92	2.9	40
163	Exceptional twentieth-century slowdown in Atlantic Ocean overturning circulation. <i>Nature Climate Change</i> , 2015 , 5, 475-480	21.4	500
162	Climate change and California drought in the 21st century. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 3858-9	11.5	198
161	Increased threat of tropical cyclones and coastal flooding to New York City during the anthropogenic era. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 12610-5	11.5	73
160	Robust comparison of climate models with observations using blended land air and ocean sea surface temperatures. <i>Geophysical Research Letters</i> , 2015 , 42, 6526-6534	4.9	119
159	Separating Internal Variability from the Externally Forced Climate Response. <i>Journal of Climate</i> , 2015 , 28, 8184-8202	4.4	72

158	An analysis of long-term relationships among count statistics and metrics of synthetic tropical cyclones downscaled from CMIP5 models. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015 , 120, 7506-7519	4.4	12
157	The Serengeti strategy: How special interests try to intimidate scientists, and how best to fight back. <i>Bulletin of the Atomic Scientists</i> , 2015 , 71, 33-45	1.6	8
156	Science Needs for Sea-Level Adaptation Planning: Comparisons among Three U.S. Atlantic Coastal Regions. <i>Coastal Management</i> , 2015 , 43, 555-574	3.3	6
155	Response to Comment on "Atlantic and Pacific multidecadal oscillations and Northern Hemisphere temperatures". <i>Science</i> , 2015 , 350, 1326	33.3	15
154	On forced temperature changes, internal variability, and the AMO. <i>Geophysical Research Letters</i> , 2014 , 41, 3211-3219	4.9	104
153	Downscaling reveals diverse effects of anthropogenic climate warming on the potential for local environments to support malaria transmission. <i>Climatic Change</i> , 2014 , 125, 479-488	4.5	11
152	Ocean-atmosphere forcing of centennial hydroclimate variability in the Pacific Northwest. <i>Geophysical Research Letters</i> , 2014 , 41, 2553-2560	4.9	25
151	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. <i>Water Resources Research</i> , 2014 , 50, 3409-3427	5.4	67
150	Using palaeo-climate comparisons to constrain future projections in CMIP5. <i>Climate of the Past</i> , 2014 , 10, 221-250	3.9	160
149	False hope. <i>Scientific American</i> , 2014 , 310, 78-81	0.5	18
148	Improved Representation of Tropical Pacific Ocean-Atmosphere Dynamics in an Intermediate Complexity Climate Model. <i>Journal of Climate</i> , 2014 , 27, 168-185	4.4	9
147	Missing tree rings and the AD 774-775 radiocarbon event. <i>Nature Climate Change</i> , 2014 , 4, 648-649	21.4	6
146	A Gridded Reconstruction of Warm Season Precipitation for Asia Spanning the Past Half Millennium. <i>Journal of Climate</i> , 2013 , 26, 2192-2204	4.4	44
145	Implications of temperature variation for malaria parasite development across Africa. <i>Scientific Reports</i> , 2013 , 3, 1300	4.9	131
144	Estimating Central Equatorial Pacific SST Variability over the Past Millennium. Part II: Reconstructions and Implications. <i>Journal of Climate</i> , 2013 , 26, 2329-2352	4.4	136
143	Estimating Central Equatorial Pacific SST Variability over the Past Millennium. Part I: Methodology and Validation. <i>Journal of Climate</i> , 2013 , 26, 2302-2328	4.4	66
142	Comments on Erroneous Model Field Representations in Multiple Pseudoproxy Studies: Corrections and Implications. <i>Journal of Climate</i> , 2013 , 26, 3482-3484	4.4	5
141	Future imaginings and the battle over climate science: an interview with Michael Mann. <i>Organization</i> , 2013 , 20, 748-756	2.1	8

140	Separating Forced from Chaotic Climate Variability over the Past Millennium. <i>Journal of Climate</i> , 2013 , 26, 6954-6973	4.4	111
139	Long-term variations of North Atlantic tropical cyclone activity downscaled from a coupled model simulation of the last millennium. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013 , 118, 13,383-13,392	4.4	22
138	Discrepancies between the modeled and proxy-reconstructed response to volcanic forcing over the past millennium: Implications and possible mechanisms. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013 , 118, 7617-7627	4.4	19
137	The Hockey Stick and the Climate Wars 2013 ,		29
136	The role of forcing and internal dynamics in explaining the Medieval Climate Anomaly. <i>Climate Dynamics</i> , 2012 , 39, 2847-2866	4.2	80
135	The medieval climate anomaly in Europe: Comparison of the summer and annual mean signals in two reconstructions and in simulations with data assimilation. <i>Global and Planetary Change</i> , 2012 , 84-85, 35-47	4.2	44
134	Stratified statistical models of North Atlantic basin-wide and regional tropical cyclone counts. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		25
133	Probabilistic Projections of Climate Change for the Mid-Atlantic Region of the United States: Validation of Precipitation Downscaling during the Historical Era*. <i>Journal of Climate</i> , 2012 , 25, 509-526	4.4	28
132	Probabilistic Projections of Anthropogenic Climate Change Impacts on Precipitation for the Mid-Atlantic Region of the United States*. <i>Journal of Climate</i> , 2012 , 25, 5273-5291	4.4	28
131	Future Changes in the South Asian Summer Monsoon: An Analysis of the CMIP3 Multimodel Projections. <i>Journal of Climate</i> , 2012 , 25, 3909-3928	4.4	23
130	Underestimation of volcanic cooling in tree-ring-based reconstructions of hemispheric temperatures. <i>Nature Geoscience</i> , 2012 , 5, 202-205	18.3	137
129	Reply to 'Tree rings and volcanic cooling'. <i>Nature Geoscience</i> , 2012 , 5, 837-838	18.3	9
128	1,500 year quantitative reconstruction of winter precipitation in the Pacific Northwest. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 11619-23	11.5	62
127	The Hockey Stick and the Climate Wars 2012 ,		119
126	28. Le climat du dernier millénaire 2012 , 437-445		
125	Constraints on Lake Agassiz discharge through the late-glacial Champlain Sea (St. Lawrence Lowlands, Canada) using salinity proxies and an estuarine circulation model. <i>Quaternary Science Reviews</i> , 2011 , 30, 3248-3257	3.9	7
124	A trading-space-for-time approach to probabilistic continuous streamflow predictions in a changing climate: Accounting for changing watershed behavior. <i>Hydrology and Earth System Sciences</i> , 2011 , 15, 3591-3603	5.5	84
123	Discussion of: A statistical analysis of multiple temperature proxies: Are reconstructions of surface temperatures over the last 1000 years reliable?. <i>Annals of Applied Statistics</i> , 2011 , 5,	2.1	6

122	On long range dependence in global surface temperature series. <i>Climatic Change</i> , 2011 , 107, 267-276	4.5	37
121	Spatial and Temporal Characteristics of Climate in Medieval Times Revisited. <i>Bulletin of the American Meteorological Society</i> , 2011 , 92, 1487-1500	6.1	105
120	Climate related sea-level variations over the past two millennia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 11017-22	11.5	310
119	Reply to Grinsted et al.: Estimating land subsidence in North Carolina. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, E783-E783	11.5	1
118	Michael E. Mann: A scientist in the crosshairs of climate-change denial. <i>Bulletin of the Atomic Scientists</i> , 2010 , 66, 1-7	1.6	6
117	Comments on A Surrogate Ensemble Study of Climate Reconstruction Methods: Stochasticity and Robustness. <i>Journal of Climate</i> , 2010 , 23, 2832-2838	4.4	24
116	Observed and Modeled Changes in the South Asian Summer Monsoon over the Historical Period*. <i>Journal of Climate</i> , 2010 , 23, 5193-5205	4.4	40
115	Time to take action on climate communication. <i>Science</i> , 2010 , 330, 1044	33.3	11
114	Reconstructing surface temperature changes over the past 600 years using climate model simulations with data assimilation. <i>Journal of Geophysical Research</i> , 2010 , 115,		59
113	Comment on Influence of the Southern Oscillation on tropospheric temperature. By J. D. McLean, C. R. de Freitas, and R. M. Carter. <i>Journal of Geophysical Research</i> , 2010 , 115,		6
112	Climate response to tropical cyclone-induced ocean mixing in an Earth system model of intermediate complexity. <i>Journal of Geophysical Research</i> , 2010 , 115,		31
111	The 15th century Arctic warming in coupled model simulations with data assimilation. <i>Climate of the Past</i> , 2009 , 5, 389-401	3.9	35
110	Defining dangerous anthropogenic interference. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 4065-6	11.5	71
109	Reply to McIntyre and McKittrick: Proxy-based temperature reconstructions are robust. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, E11-E11	11.5	4
108	Creating a common climate language. <i>Science</i> , 2009 , 324, 36-7	33.3	18
107	DO GLOBAL WARMING AND CLIMATE CHANGE REPRESENT A SERIOUS THREAT TO OUR WELFARE AND ENVIRONMENT?. <i>Social Philosophy and Policy</i> , 2009 , 26, 193-230	0.1	5
106	Warming of the Antarctic ice-sheet surface since the 1957 International Geophysical Year. <i>Nature</i> , 2009 , 457, 459-62	50.4	506
105	Atlantic hurricanes and climate over the past 1,500 years. <i>Nature</i> , 2009 , 460, 880-3	50.4	187

104	Global signatures and dynamical origins of the Little Ice Age and Medieval Climate Anomaly. <i>Science</i> , 2009 , 326, 1256-60	33.3	1521
103	Quasi-biennial corn yield cycles in Iowa. <i>Agricultural and Forest Meteorology</i> , 2009 , 149, 1087-1094	5.8	27
102	High-resolution palaeoclimatology of the last millennium: a review of current status and future prospects. <i>Holocene</i> , 2009 , 19, 3-49	2.6	499
101	Potential biases in inferring Holocene temperature trends from long-term borehole information. <i>Geophysical Research Letters</i> , 2009 , 36,	4.9	11
100	Understanding Changes in the Asian Summer Monsoon over the Past Millennium: Insights from a Long-Term Coupled Model Simulation*. <i>Journal of Climate</i> , 2009 , 22, 1736-1748	4.4	33
99	Comment on Heat capacity, time constant, and sensitivity of Earth's climate system by S. E. Schwartz. <i>Journal of Geophysical Research</i> , 2008 , 113,		20
98	Smoothing of climate time series revisited. <i>Geophysical Research Letters</i> , 2008 , 35,	4.9	54
97	Reply to comment by Jason E. Smerdon et al. on Robustness of proxy-based climate field reconstruction methods. <i>Journal of Geophysical Research</i> , 2008 , 113,		8
96	Probabilistic trend of anomalous summer rainfall in Beijing: Role of interdecadal variability. <i>Journal of Geophysical Research</i> , 2008 , 113,		9
95	Proxy-based reconstructions of hemispheric and global surface temperature variations over the past two millennia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 13252-7	11.5	872
94	Robustness of proxy-based climate field reconstruction methods. <i>Journal of Geophysical Research</i> , 2007 , 112,		111
93	Atlantic tropical cyclones revisited. <i>Eos</i> , 2007 , 88, 349-350	1.5	34
92	Evidence for a modest undercount bias in early historical Atlantic tropical cyclone counts. <i>Geophysical Research Letters</i> , 2007 , 34,	4.9	46
91	Correction to Evidence for a modest undercount bias in early historical Atlantic tropical cyclone counts. <i>Geophysical Research Letters</i> , 2007 , 34,	4.9	2
90	The influence of climate state variables on Atlantic Tropical Cyclone occurrence rates. <i>Journal of Geophysical Research</i> , 2007 , 112,		33
89	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. <i>British Journal of Sports Medicine</i> , 2007 , 41, 385-91	10.3	117
88	Climate Over the Past Two Millennia. <i>Annual Review of Earth and Planetary Sciences</i> , 2007 , 35, 111-136	15.3	84
87	Decadal to Centennial Variability of the Atlantic from Observations and Models. <i>Geophysical Monograph Series</i> , 2007 , 131-148	1.1	47

86	A not-so-abrupt departure. <i>Science</i> , 2006 , 312, 528-9		33.3
85	Chapter 1 Mediterranean climate variability over the last centuries: A review. <i>Developments in Earth and Environmental Sciences</i> , 2006 , 4, 27-148		87
84	Atlantic hurricane trends linked to climate change. <i>Eos</i> , 2006 , 87, 233	1.5	417
83	Past millennia climate variability. <i>Eos</i> , 2006 , 87, 527	1.5	0
82	The origin of the European "Medieval Warm Period". <i>Climate of the Past</i> , 2006 , 2, 99-113	3.9	72
81	Authors were clear about hockey-stick uncertainties. <i>Nature</i> , 2006 , 442, 627	50.4	1
80	Using paleoclimate proxy-data to select optimal realisations in an ensemble of simulations of the climate of the past millennium. <i>Climate Dynamics</i> , 2006 , 27, 165-184	4.2	86
79	On the variability of ENSO over the past six centuries. <i>Geophysical Research Letters</i> , 2005 , 32,	4.9	119
78	Coupled patterns of spatiotemporal variability in Northern Hemisphere sea level pressure and conterminous U.S. drought. <i>Journal of Geophysical Research</i> , 2005 , 110,		9
77	A signature of persistent natural thermohaline circulation cycles in observed climate. <i>Geophysical Research Letters</i> , 2005 , 32,	4.9	868
76	Multiproxy evidence of Holocene climate variability from estuarine sediments, eastern North America. <i>Paleoceanography</i> , 2005 , 20, n/a-n/a		47
75	Testing the Fidelity of Methods Used in Proxy-Based Reconstructions of Past Climate. <i>Journal of Climate</i> , 2005 , 18, 4097-4107	4.4	132
74	A Distinctly Interdecadal Signal of Pacific Ocean-Atmosphere Interaction. <i>Journal of Climate</i> , 2005 , 18, 1709-1718	4.4	21
73	The North Atlantic Oscillation and regional phenology prediction over Europe. <i>Global Change Biology</i> , 2005 , 11, 919-926	11.4	33
72	Volcanic and Solar Forcing of the Tropical Pacific over the Past 1000 Years. <i>Journal of Climate</i> , 2005 , 18, 447-456	4.4	393
71	Proxy-Based Northern Hemisphere Surface Temperature Reconstructions: Sensitivity to Method, Predictor Network, Target Season, and Target Domain. <i>Journal of Climate</i> , 2005 , 18, 2308-2329	4.4	181
70	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. <i>Holocene</i> , 2004 , 14, 502-516	2.6	41
69	The Cretaceous-Tertiary extinction: Modeling carbon flux and ecological response. <i>Paleoceanography</i> , 2004 , 19, n/a-n/a		13

68	Reply to comment on [Ground vs. surface air temperature trends: Implications for borehole surface temperature reconstructions] by D. Chapman et al.. <i>Geophysical Research Letters</i> , 2004 , 31, n/a-n/a	4.9	20
67	Atmospheric circulation influences on seasonal precipitation patterns in Alaska during the latter 20th century. <i>Journal of Geophysical Research</i> , 2004 , 109, n/a-n/a		23
66	Dynamic winter climate response to large tropical volcanic eruptions since 1600. <i>Journal of Geophysical Research</i> , 2004 , 109,		183
65	Correction to [Optimal surface temperature reconstructions using terrestrial borehole data] <i>Journal of Geophysical Research</i> , 2004 , 109,		36
64	Statistical simulation of the influence of the NAO on European winter surface temperatures: Applications to phenological modeling. <i>Journal of Geophysical Research</i> , 2004 , 109,		6
63	Climate over past millennia. <i>Reviews of Geophysics</i> , 2004 , 42,	23.1	744
62	On smoothing potentially non-stationary climate time series. <i>Geophysical Research Letters</i> , 2004 , 31, n/a-n/a	4.9	86
61	Are reconstructed pre-instrumental hemispheric temperatures consistent with instrumental hemispheric temperatures?. <i>Geophysical Research Letters</i> , 2004 , 31, n/a-n/a	4.9	5
60	General circulation modelling of Holocene climate variability. <i>Quaternary Science Reviews</i> , 2004 , 23, 2167-2181	3.1	40
59	Climate Field Reconstruction under Stationary and Nonstationary Forcing. <i>Journal of Climate</i> , 2003 , 16, 462-479	4.4	64
58	Late-Eighteenth-Century Precipitation Reconstructions from James Madison's Montpelier Plantation. <i>Bulletin of the American Meteorological Society</i> , 2003 , 84, 57-72	6.1	27
57	Constraining temperature variations over the last millennium by comparing simulated and observed atmospheric CO ₂ . <i>Climate Dynamics</i> , 2003 , 20, 281-299	4.2	103
56	Simple indices of global climate variability and change: Part I [Variability and correlation structure. <i>Climate Dynamics</i> , 2003 , 20, 491-502	4.2	57
55	Proxy evidence for an El Niño-like response to volcanic forcing. <i>Nature</i> , 2003 , 426, 274-8	50.4	336
54	ENSO related variability in the Southern Hemisphere, 1948-2000. <i>Geophysical Research Letters</i> , 2003 , 30, 6-1-6-4	4.9	33
53	Optimal surface temperature reconstructions using terrestrial borehole data. <i>Journal of Geophysical Research</i> , 2003 , 108,		52
52	On past temperatures and anomalous late-20th-century warmth. <i>Eos</i> , 2003 , 84, 256-256	1.5	82
51	Response [to Comment on [On past temperatures and anomalous late-20th-century warmth]] <i>Eos</i> , 2003 , 84, 473	1.5	6

50	Ground vs. surface air temperature trends: Implications for borehole surface temperature reconstructions. <i>Geophysical Research Letters</i> , 2003 , 30,	4.9	101
49	Tree-ring reconstructions of temperature and sea-level pressure variability associated with the warm-season Arctic Oscillation since AD 1650. <i>Geophysical Research Letters</i> , 2003 , 30,	4.9	49
48	Global surface temperatures over the past two millennia. <i>Geophysical Research Letters</i> , 2003 , 30,	4.9	518
47	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. <i>Earth and Planetary Science Letters</i> , 2003 , 210, 453-465	5.3	70
46	An overview of results from the Coupled Model Intercomparison Project. <i>Global and Planetary Change</i> , 2003 , 37, 103-133	4.2	275
45	Volcanic and Solar Forcing of Climate Change during the Preindustrial Era. <i>Journal of Climate</i> , 2003 , 16, 4094-4107	4.4	202
44	Long-term patterns of solar irradiance forcing in model experiments and proxy based surface temperature reconstructions. <i>Climate Dynamics</i> , 2002 , 18, 563-578	4.2	93
43	Large-Scale Climate Variability and Connections with the Middle East in Past Centuries. <i>Climatic Change</i> , 2002 , 55, 287-314	4.5	94
42	Climate reconstruction. The value of multiple proxies. <i>Science</i> , 2002 , 297, 1481-2	33.3	133
41	Interannual variability in the NCEP Reanalysis 1948-1999. <i>Geophysical Research Letters</i> , 2002 , 29, 1321-1324	4.9	15
40	ADVANCED SPECTRAL METHODS FOR CLIMATIC TIME SERIES. <i>Reviews of Geophysics</i> , 2002 , 40, 3-1	23.1	1401
39	Tree-ring chronologies and climate variability. <i>Science</i> , 2002 , 296, 848-9 author reply 848-9	33.3	22
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