

Kevin Edward Trenberth

List of Publications by Year in descending order

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Version: 2024-02-01

274
papers

62,564
citations

1980

101
h-index

906

241
g-index

282
all docs

282
docs citations

282
times ranked

37267
citing authors

#	ARTICLE	IF	CITATIONS
1	Another Record: Ocean Warming Continues through 2021 despite La Niña Conditions. <i>Advances in Atmospheric Sciences</i> , 2022, 39, 373-385.	1.9	47
2	The Changing Hydrological Cycle. , 2022, , 140-161.		0
3	El Niño. , 2022, , 180-196.		0
4	Attribution and the Hiatus. , 2022, , 234-245.		0
5	Emissions and Information. , 2022, , 260-272.		0
6	The Weather Machine. , 2022, , 81-103.		0
7	Teleconnections and Patterns of Variability. , 2022, , 162-179.		0
8	Earth's Energy Imbalance Estimates. , 2022, , 210-233.		0
9	The Climate System. , 2022, , 60-78.		0
10	The Sun's Earth System. , 2022, , 34-42.		0
11	Poleward Heat Transports by the Atmosphere and Ocean. , 2022, , 121-139.		0
12	Earth's Energy Imbalance and Climate Change. , 2022, , 14-24.		0
13	Observations of Temperature, Moisture, Precipitation, and Radiation. , 2022, , 43-59.		0
14	The Dynamic Ocean. , 2022, , 104-120.		0
15	Feedbacks and Climate Sensitivity. , 2022, , 197-209.		0
16	Earth and Climate System. , 2022, , 1-13.		0
17	Earth's Energy Balance. , 2022, , 25-33.		0
18	Improved Quantification of the Rate of Ocean Warming. <i>Journal of Climate</i> , 2022, 35, 4827-4840.	1.2	22

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19	The ocean response to climate change guides both adaptation and mitigation efforts. Atmospheric and Oceanic Science Letters, 2022, 15, 100221.	0.5	8
20	A perspective on climate change from Earth's energy imbalance. , 2022, 1, 013001.		6
21	Upper Ocean Temperatures Hit Record High in 2020. Advances in Atmospheric Sciences, 2021, 38, 523-530.	1.9	99
22	Regional Energy and Water Budget of a Precipitating Atmosphere over Ocean. Journal of Climate, 2021, 34, 4189-4205.	1.2	6
23	Probabilistic Evaluation of Drought in CMIP6 Simulations. Earth's Future, 2021, 9, e2021EF002150.	2.4	10
24	Increasing ocean stratification over the past half-century. Nature Climate Change, 2020, 10, 1116-1123.	8.1	229
25	Understanding climate change through Earth's energy flows. Journal of the Royal Society of New Zealand, 2020, 50, 331-347.	1.0	19
26	Record-Setting Ocean Warmth Continued in 2019. Advances in Atmospheric Sciences, 2020, 37, 137-142.	1.9	126
27	Improved Estimates of Changes in Upper Ocean Salinity and the Hydrological Cycle. Journal of Climate, 2020, 33, 10357-10381.	1.2	105
28	Atlantic Meridional Overturning Circulation: Observed Transport and Variability. Frontiers in Marine Science, 2019, 6, .	1.2	120
29	Observed Interhemispheric Meridional Heat Transports and the Role of the Indonesian Throughflow in the Pacific Ocean. Journal of Climate, 2019, 32, 8523-8536.	1.2	20
30	Observation-Based Estimates of Global and Basin Ocean Meridional Heat Transport Time Series. Journal of Climate, 2019, 32, 4567-4583.	1.2	45
31	Evolution of Ocean Heat Content Related to ENSO. Journal of Climate, 2019, 32, 3529-3556.	1.2	53
32	How fast are the oceans warming?. Science, 2019, 363, 128-129.	6.0	350
33	2018 Continues Record Global Ocean Warming. Advances in Atmospheric Sciences, 2019, 36, 249-252.	1.9	54
34	El Niño Southern Oscillation (ENSO). , 2019, , 420-432.		30
35	Interannual hydroclimatic variability and the 2009-2011 extreme ENSO phases in Colombia: from Andean glaciers to Caribbean lowlands. Theoretical and Applied Climatology, 2019, 135, 1531-1544.	1.3	33
36	Climate Change and Drought: a Perspective on Drought Indices. Current Climate Change Reports, 2018, 4, 145-163.	2.8	381

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37	Global, Regional, and Megacity Trends in the Highest Temperature of the Year: Diagnostics and Evidence for Accelerating Trends. <i>Earth's Future</i> , 2018, 6, 71-79.	2.4	81
38	Applications of an Updated Atmospheric Energetics Formulation. <i>Journal of Climate</i> , 2018, 31, 6263-6279.	1.2	30
39	Designing the Climate Observing System of the Future. <i>Earth's Future</i> , 2018, 6, 80-102.	2.4	24
40	How Often Does It Really Rain?. <i>Bulletin of the American Meteorological Society</i> , 2018, 99, 289-298.	1.7	74
41	Storylines: an alternative approach to representing uncertainty in physical aspects of climate change. <i>Climatic Change</i> , 2018, 151, 555-571.	1.7	317
42	High-Frequency Intermittency in Observed and Model-Simulated Precipitation. <i>Geophysical Research Letters</i> , 2018, 45, 12,514.	1.5	16
43	Near-Global Covariability of Hourly Precipitation in Space and Time. <i>Journal of Hydrometeorology</i> , 2018, 19, 695-713.	0.7	14
44	Hurricane Harvey Links to Ocean Heat Content and Climate Change Adaptation. <i>Earth's Future</i> , 2018, 6, 730-744.	2.4	218
45	Climate change caused by human activities is happening and it already has major consequences. <i>Journal of Energy and Natural Resources Law</i> , 2018, 36, 463-481.	0.3	87
46	Improved estimates of ocean heat content from 1960 to 2015. <i>Science Advances</i> , 2017, 3, e1601545.	4.7	460
47	Intermittency in Precipitation: Duration, Frequency, Intensity, and Amounts Using Hourly Data. <i>Journal of Hydrometeorology</i> , 2017, 18, 1393-1412.	0.7	105
48	The peak structure and future changes of the relationships between extreme precipitation and temperature. <i>Nature Climate Change</i> , 2017, 7, 268-274.	8.1	221
49	Atlantic meridional heat transports computed from balancing Earth's energy locally. <i>Geophysical Research Letters</i> , 2017, 44, 1919-1927.	1.5	81
50	Observed and simulated full-depth ocean heat-content changes for 1970-2005. <i>Ocean Science</i> , 2016, 12, 925-935.	1.3	44
51	Insights into Earth's Energy Imbalance from Multiple Sources. <i>Journal of Climate</i> , 2016, 29, 7495-7505.	1.2	95
52	Metrics for the Diurnal Cycle of Precipitation: Toward Routine Benchmarks for Climate Models. <i>Journal of Climate</i> , 2016, 29, 4461-4471.	1.2	73
53	ENSO-driven energy budget perturbations in observations and CMIP models. <i>Climate Dynamics</i> , 2016, 47, 4009-4029.	1.7	19
54	Observation and integrated Earth-system science: A roadmap for 2016-2025. <i>Advances in Space Research</i> , 2016, 57, 2037-2103.	1.2	35

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55	Comparison of Global Precipitation Estimates across a Range of Temporal and Spatial Scales. <i>Journal of Climate</i> , 2016, 29, 7773-7795.	1.2	122
56	The global warming hiatus: Slowdown or redistribution?. <i>Earth's Future</i> , 2016, 4, 472-482.	2.4	134
57	The vital need for a climate information system. <i>Nature Climate Change</i> , 2016, 6, 1057-1059.	8.1	24
58	Investigation of the Residual in Column-Integrated Atmospheric Energy Balance Using Cloud Objects. <i>Journal of Climate</i> , 2016, 29, 7435-7452.	1.2	13
59	Challenges in Quantifying Changes in the Global Water Cycle. <i>Bulletin of the American Meteorological Society</i> , 2015, 96, 1097-1115.	1.7	212
60	Relationships among top-of-atmosphere radiation and atmospheric state variables in observations and CESM. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 10,074.	1.2	14
61	Climate variability and relationships between top-of-atmosphere radiation and temperatures on Earth. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 3642-3659.	1.2	62
62	Trends and variability in atmospheric precipitable water over the Tibetan Plateau for 2000-2010. <i>International Journal of Climatology</i> , 2015, 35, 1394-1404.	1.5	30
63	Attribution of climate extreme events. <i>Nature Climate Change</i> , 2015, 5, 725-730.	8.1	605
64	Has there been a hiatus?. <i>Science</i> , 2015, 349, 691-692.	6.0	189
65	Detecting Long-Term Trends in Precipitable Water over the Tibetan Plateau by Synthesis of Station and MODIS Observations*. <i>Journal of Climate</i> , 2015, 28, 1707-1722.	1.2	32
66	HESS Opinions "A perspective on isotope versus non-isotope approaches to determine the contribution of transpiration to total evaporation". <i>Hydrology and Earth System Sciences</i> , 2014, 18, 2815-2827.	1.9	77
67	Earth's Energy Balance. , 2014, , .		2
68	Earth's Energy Imbalance. <i>Journal of Climate</i> , 2014, 27, 3129-3144.	1.2	275
69	Water Cycles and Climate Change. , 2014, , 31-37.		7
70	Global Warming and Winter Weather. <i>Science</i> , 2014, 343, 729-730.	6.0	231
71	Global warming and changes in drought. <i>Nature Climate Change</i> , 2014, 4, 17-22.	8.1	2,231
72	Seasonal aspects of the recent pause in surface warming. <i>Nature Climate Change</i> , 2014, 4, 911-916.	8.1	276

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73	Irregularity and decadal variation in ENSO: a simplified model based on Principal Oscillation Patterns. <i>Climate Dynamics</i> , 2014, 43, 3327-3350.	1.7	20
74	Challenges and Opportunities in Water Cycle Research: WCRP Contributions. <i>Surveys in Geophysics</i> , 2014, 35, 515-532.	2.1	72
75	A review of global ocean temperature observations: Implications for ocean heat content estimates and climate change. <i>Reviews of Geophysics</i> , 2013, 51, 450-483.	9.0	367
76	Externally Forced and Internally Generated Decadal Climate Variability Associated with the Interdecadal Pacific Oscillation. <i>Journal of Climate</i> , 2013, 26, 7298-7310.	1.2	405
77	Distinctive climate signals in reanalysis of global ocean heat content. <i>Geophysical Research Letters</i> , 2013, 40, 1754-1759.	1.5	490
78	An apparent hiatus in global warming?. <i>Earth's Future</i> , 2013, 1, 19-32.	2.4	527
79	North American water and energy cycles. <i>Geophysical Research Letters</i> , 2013, 40, 365-369.	1.5	30
80	Regional Energy and Water Cycles: Transports from Ocean to Land. <i>Journal of Climate</i> , 2013, 26, 7837-7851.	1.2	76
81	The Response of Tropical Atmospheric Energy Budgets to ENSO*. <i>Journal of Climate</i> , 2013, 26, 4710-4724.	1.2	32
82	GEOScan: A global, real-time geoscience facility. , 2013, , .		8
83	Challenges of a Sustained Climate Observing System. , 2013, , 13-50.		18
84	Challenges and Opportunities in Water Cycle Research: WCRP Contributions. <i>Space Sciences Series of ISSI</i> , 2012, , 515-532.	0.0	6
85	Contrasting trends of mass and optical properties of aerosols over the Northern Hemisphere from 1992 to 2011. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 9387-9398.	1.9	60
86	A Less Cloudy Future: The Role of Subtropical Subsidence in Climate Sensitivity. <i>Science</i> , 2012, 338, 792-794.	6.0	145
87	Climate extremes and climate change: The Russian heat wave and other climate extremes of 2010. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	284
88	Framing the way to relate climate extremes to climate change. <i>Climatic Change</i> , 2012, 115, 283-290.	1.7	210
89	Tracking Earth's Energy: From El Niño to Global Warming. <i>Surveys in Geophysics</i> , 2012, 33, 413-426.	2.1	91
90	Model-based evidence of deep-ocean heat uptake during surface-temperature hiatus periods. <i>Nature Climate Change</i> , 2011, 1, 360-364.	8.1	610

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91	A New Method of Calculating Ocean Temperatures Using Expendable Bathythermographs. Energy and Environment Research, 2011, 1, .	0.1	7
92	Issues in Establishing Climate Sensitivity in Recent Studies. Remote Sensing, 2011, 3, 2051-2056.	1.8	9
93	Changes in precipitation with climate change. Climate Research, 2011, 47, 123-138.	0.4	2,463
94	Attribution of climate variations and trends to human influences and natural variability. Wiley Interdisciplinary Reviews: Climate Change, 2011, 2, 925-930.	3.6	71
95	Atmospheric Moisture Transports from Ocean to Land and Global Energy Flows in Reanalyses. Journal of Climate, 2011, 24, 4907-4924.	1.2	459
96	Tracking Earth's Energy: From El Niño to Global Warming. Space Sciences Series of ISSI, 2011, , 81-94.	0.0	3
97	The ocean is warming, isn't it?. Nature, 2010, 465, 304-304.	13.7	34
98	More knowledge, less certainty. Nature Climate Change, 2010, 1, 20-21.	8.1	54
99	An Earth-System Prediction Initiative for the Twenty-First Century. Bulletin of the American Meteorological Society, 2010, 91, 1377-1388.	1.7	88
100	Simulation of Present-Day and Twenty-First-Century Energy Budgets of the Southern Oceans. Journal of Climate, 2010, 23, 440-454.	1.2	371
101	Relationships between tropical sea surface temperature and top-of-atmosphere radiation. Geophysical Research Letters, 2010, 37, .	1.5	66
102	Improving the Accuracy of Estimation of Climate Extremes: Workshop on Metrics and Methodologies of Estimation of Extreme Climate Events; Paris, France, 27-29 September 2010. Eos, 2010, 91, 506-506.	0.1	2
103	Observation Needs for Climate Information, Prediction and Application: Capabilities of Existing and Future Observing Systems. Procedia Environmental Sciences, 2010, 1, 192-205.	1.3	23
104	Needs Assessment for Climate Information on Decadal Timescales and Longer. Procedia Environmental Sciences, 2010, 1, 275-286.	1.3	48
105	Capabilities of Global Ocean Programmes to Inform Climate Services. Procedia Environmental Sciences, 2010, 1, 342-353.	1.3	1
106	Tracking Earth's Energy. Science, 2010, 328, 316-317.	6.0	163
107	Changes in the flow of energy through the Earth's climate system. Meteorologische Zeitschrift, 2009, 18, 369-377.	0.5	13
108	Variations in the Three-Dimensional Structure of the Atmospheric Circulation with Different Flavors of El Niño. Journal of Climate, 2009, 22, 2978-2991.	1.2	53

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109	Changes in Continental Freshwater Discharge from 1948 to 2004. <i>Journal of Climate</i> , 2009, 22, 2773-2792.	1.2	767
110	Earth's Global Energy Budget. <i>Bulletin of the American Meteorological Society</i> , 2009, 90, 311-324.	1.7	1,417
111	The three dimensional structure of the atmospheric energy budget: methodology and evaluation. <i>Climate Dynamics</i> , 2009, 32, 1065-1079.	1.7	17
112	An imperative for climate change planning: tracking Earth's global energy. <i>Current Opinion in Environmental Sustainability</i> , 2009, 1, 19-27.	3.1	88
113	Global warming due to increasing absorbed solar radiation. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	117
114	Lessons Learned from IPCC AR4: Scientific Developments Needed to Understand, Predict, and Respond to Climate Change. <i>Bulletin of the American Meteorological Society</i> , 2009, 90, 497-514.	1.7	47
115	The COSMIC/FORMOSAT-3 Mission: Early Results. <i>Bulletin of the American Meteorological Society</i> , 2008, 89, 313-334.	1.7	783
116	Energy budgets of Atlantic hurricanes and changes from 1970. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	1.0	14
117	Progress and Prospects for Reanalysis for Weather and Climate. <i>Eos</i> , 2008, 89, 234-235.	0.1	46
118	The Annual Cycle of the Energy Budget. Part II: Meridional Structures and Poleward Transports. <i>Journal of Climate</i> , 2008, 21, 2313-2325.	1.2	198
119	The Annual Cycle of the Energy Budget. Part I: Global Mean and Land-Ocean Exchanges. <i>Journal of Climate</i> , 2008, 21, 2297-2312.	1.2	142
120	An Observational Estimate of Inferred Ocean Energy Divergence. <i>Journal of Physical Oceanography</i> , 2008, 38, 984-999.	0.7	62
121	Atmospheric Energy Budgets in the Japanese Reanalysis: Evaluation and Variability. <i>Journal of the Meteorological Society of Japan</i> , 2008, 86, 579-592.	0.7	18
122	Hydroclimatic Trends in the Mississippi River Basin from 1948 to 2004. <i>Journal of Climate</i> , 2007, 20, 4599-4614.	1.2	77
123	Estimates of the Global Water Budget and Its Annual Cycle Using Observational and Model Data. <i>Journal of Hydrometeorology</i> , 2007, 8, 758-769.	0.7	716
124	Climate with care. <i>New Scientist</i> , 2007, 193, 27.	0.0	0
125	The large-scale energy budget of the Arctic. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	212
126	Water and energy budgets of hurricanes: Case studies of Ivan and Katrina. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	56

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127	Water and energy budgets of hurricanes and implications for climate change. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	62
128	Effects of Mount Pinatubo volcanic eruption on the hydrological cycle as an analog of geoengineering. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	366
129	Warmer Oceans, Stronger Hurricanes. <i>Scientific American</i> , 2007, 297, 44-51.	1.0	29
130	Evaluation of surface water fluxes of the pan-Arctic land region with a land surface model and ERA-40 reanalysis. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	63
131	Atlantic hurricanes and natural variability in 2005. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	729
132	The Vertical Structure of Temperature in the Tropics: Different Flavors of El Niño. <i>Journal of Climate</i> , 2006, 19, 4956-4973.	1.2	75
133	Monitoring and Prediction of the Earth's Climate: A Future Perspective. <i>Journal of Climate</i> , 2006, 19, 5001-5008.	1.2	27
134	Simulation of Global Land Surface Conditions from 1948 to 2004. Part I: Forcing Data and Evaluations. <i>Journal of Hydrometeorology</i> , 2006, 7, 953-975.	0.7	416
135	Recent Trends in Cloudiness over the United States: A Tale of Monitoring Inadequacies. <i>Bulletin of the American Meteorological Society</i> , 2006, 87, 597-606.	1.7	161
136	The Mass of the Atmosphere: A Constraint on Global Analyses. <i>Journal of Climate</i> , 2005, 18, 864-875.	1.2	199
137	The ERA-40 re-analysis. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2005, 131, 2961-3012.	1.0	6,198
138	Trends and variability in column-integrated atmospheric water vapor. <i>Climate Dynamics</i> , 2005, 24, 741-758.	1.7	663
139	Interannual Variability of Patterns of Atmospheric Mass Distribution. <i>Journal of Climate</i> , 2005, 18, 2812-2825.	1.2	68
140	CLIMATE: Uncertainty in Hurricanes and Global Warming. <i>Science</i> , 2005, 308, 1753-1754.	6.0	374
141	Relationships between precipitation and surface temperature. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	1.5	537
142	Earth's Energy Balance. , 2004, , 859-870.		1
143	A Global Dataset of Palmer Drought Severity Index for 1870-2002: Relationship with Soil Moisture and Effects of Surface Warming. <i>Journal of Hydrometeorology</i> , 2004, 5, 1117-1130.	0.7	1,740
144	Rural land-use change and climate. <i>Nature</i> , 2004, 427, 213-213.	13.7	87

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145	The flow of energy through the earth's climate system. Quarterly Journal of the Royal Meteorological Society, 2004, 130, 2677-2701.	1.0	105
146	The recent Sahel drought is real. International Journal of Climatology, 2004, 24, 1323-1331.	1.5	343
147	Exploring drought and its implications for the future. Eos, 2004, 85, 27.	0.1	69
148	The Diurnal Cycle and Its Depiction in the Community Climate System Model. Journal of Climate, 2004, 17, 930-951.	1.2	408
149	The El Niño-Southern Oscillation (ENSO) System. , 2004, , 163-173.		0
150	On past temperatures and anomalous late-20th-century warmth. Eos, 2003, 84, 256-256.	0.1	95
151	Modern Global Climate Change. Science, 2003, 302, 1719-1723.	6.0	1,525
152	The Changing Character of Precipitation. Bulletin of the American Meteorological Society, 2003, 84, 1205-1218.	1.7	2,280
153	PALEOCLIMATE: Toward Integrated Reconstruction of Past Climates. Science, 2003, 300, 589-590.	6.0	33
154	Covariability of Components of Poleward Atmospheric Energy Transports on Seasonal and Interannual Timescales. Journal of Climate, 2003, 16, 3691-3705.	1.2	182
155	Seamless Poleward Atmospheric Energy Transports and Implications for the Hadley Circulation. Journal of Climate, 2003, 16, 3706-3722.	1.2	193
156	Estimates of Freshwater Discharge from Continents: Latitudinal and Seasonal Variations. Journal of Hydrometeorology, 2002, 3, 660-687.	0.7	912
157	Changes in Tropical Clouds and Radiation. Science, 2002, 296, 2095a-2095.	6.0	65
158	The Need for a Systems Approach to Climate Observations. Bulletin of the American Meteorological Society, 2002, 83, 1593-1602.	1.7	40
159	A Pathological Problem with NCEP Reanalyses in the Stratosphere. Journal of Climate, 2002, 15, 690-695.	1.2	38
160	Interannual variations in the atmospheric heat budget. Journal of Geophysical Research, 2002, 107, AAC 4-1.	3.3	63
161	Evolution of El Niño-Southern Oscillation and global atmospheric surface temperatures. Journal of Geophysical Research, 2002, 107, AAC 5-1.	3.3	373
162	Accuracy of Atmospheric Energy Budgets from Analyses. Journal of Climate, 2002, 15, 3343-3360.	1.2	48

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163	Climate Variability and Global Warming. <i>Science</i> , 2001, 293, 48-49.	6.0	40
164	Stronger Evidence of Human Influences on Climate: The 2001 IPCC Assessment. <i>Environment</i> , 2001, 43, 8-19.	0.8	12
165	Estimates of Meridional Atmosphere and Ocean Heat Transports. <i>Journal of Climate</i> , 2001, 14, 3433-3443.	1.2	690
166	Quality of Reanalyses in the Tropics. <i>Journal of Climate</i> , 2001, 14, 1499-1510.	1.2	216
167	The atmospheric energy budget and implications for surface fluxes and ocean heat transports. <i>Climate Dynamics</i> , 2001, 17, 259-276.	1.7	199
168	Frances Drake, Global Warming. <i>The Science of Climate Change</i> . <i>Climatic Change</i> , 2001, 50, 511-513.	1.7	0
169	Indices of El Niño Evolution. <i>Journal of Climate</i> , 2001, 14, 1697-1701.	1.2	800
170	Comparison of Tropospheric Temperatures from Radiosondes and Satellites: 1979-1998. <i>Bulletin of the American Meteorological Society</i> , 2000, 81, 2165-2177.	1.7	66
171	The Global Monsoon as Seen through the Divergent Atmospheric Circulation. <i>Journal of Climate</i> , 2000, 13, 3969-3993.	1.2	421
172	The Southern Oscillation Revisited: Sea Level Pressures, Surface Temperatures, and Precipitation. <i>Journal of Climate</i> , 2000, 13, 4358-4365.	1.2	354
173	Observed climate variability and change of relevance to the biosphere. <i>Journal of Geophysical Research</i> , 2000, 105, 20101-20114.	3.3	94
174	Atmospheric Moisture Recycling: Role of Advection and Local Evaporation. <i>Journal of Climate</i> , 1999, 12, 1368-1381.	1.2	528
175	Effects of Clouds, Soil Moisture, Precipitation, and Water Vapor on Diurnal Temperature Range. <i>Journal of Climate</i> , 1999, 12, 2451-2473.	1.2	674
176	Conceptual Framework for Changes of Extremes of the Hydrological Cycle With Climate Change. , 1999, , 327-339.		129
177	The Human Impact on Climate. <i>Scientific American</i> , 1999, 281, 100-105.	1.0	19
178	Title is missing!. , 1999, 42, 9-21.		14
179	Conceptual Framework for Changes of Extremes of the Hydrological Cycle with Climate Change. , 1999, 42, 327-339.		468
180	Observed and model-simulated diurnal cycles of precipitation over the contiguous United States. <i>Journal of Geophysical Research</i> , 1999, 104, 6377-6402.	3.3	412

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181	Global Climate Project shows early promise. <i>Eos</i> , 1999, 80, 269.	0.1	1
182	Global Sea Surface Temperature Analyses: Multiple Problems and Their Implications for Climate Analysis, Modeling, and Reanalysis. <i>Bulletin of the American Meteorological Society</i> , 1999, 80, 2661-2678.	1.7	148
183	Title is missing!. , 1998, 39, 667-694.		489
184	Evaluation of the atmospheric moisture and hydrological cycle in the NCEP/NCAR reanalyses. <i>Climate Dynamics</i> , 1998, 14, 213-231.	1.7	334
185	Progress during TOGA in understanding and modeling global teleconnections associated with tropical sea surface temperatures. <i>Journal of Geophysical Research</i> , 1998, 103, 14291-14324.	3.3	1,388
186	Coordinated heat removal from the equatorial Pacific during the 1986-87 El Niño. <i>Geophysical Research Letters</i> , 1998, 25, 2659-2662.	1.5	70
187	Global variations in droughts and wet spells: 1900-1995. <i>Geophysical Research Letters</i> , 1998, 25, 3367-3370.	1.5	346
188	Difficulties in Obtaining Reliable Temperature Trends: Reconciling the Surface and Satellite Microwave Sounding Unit Records. <i>Journal of Climate</i> , 1998, 11, 945-967.	1.2	113
189	How accurate are satellite "thermometers"? <i>Nature</i> , 1997, 389, 342-342.	13.7	11
190	Using Atmospheric Budgets as a Constraint on Surface Fluxes. <i>Journal of Climate</i> , 1997, 10, 2796-2809.	1.2	110
191	Short-Term Climate Variations: Recent Accomplishments and Issues for Future Progress. <i>Bulletin of the American Meteorological Society</i> , 1997, 78, 1081-1096.	1.7	58
192	The Definition of El Niño. <i>Bulletin of the American Meteorological Society</i> , 1997, 78, 2771-2777.	1.7	2,293
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