Clara Deser

List of Publications by Year
in descending order

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176	28,875	5268	5255
papers	citations	83 h-index	165 g-index

191	191	191	16660
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Separating the Influences of Low-Latitude Warming and Sea Ice Loss on Northern Hemisphere Climate Change. Journal of Climate, 2022, 35, 2327-2349.	3.2	9
2	Spurious Late Historicalâ€Era Warming in CESM2 Driven by Prescribed Biomass Burning Emissions. Geophysical Research Letters, 2022, 49, .	4.0	29
3	The Equatorial Pacific Cold Tongue Bias in CESM1 and Its Influence on ENSO Forecasts. Journal of Climate, 2022, 35, 3261-3277.	3.2	8
4	Uncertainty in the Winter Tropospheric Response to Arctic Sea Ice Loss: The Role of Stratospheric Polar Vortex Internal Variability. Journal of Climate, 2022, 35, 3109-3130.	3.2	12
5	Robust but weak winter atmospheric circulation response to future Arctic sea ice loss. Nature Communications, 2022, 13, 727.	12.8	67
6	Less Surface Sea Ice Melt in the CESM2 Improves Arctic Sea Ice Simulation With Minimal Nonâ€Polar Climate Impacts. Journal of Advances in Modeling Earth Systems, 2022, 14, .	3.8	9
7	Contrary Responses of the Gulf Stream and the Kuroshio to Arctic Sea Ice Loss. Atmosphere, 2022, 13, 514.	2.3	1
8	Is There a Tropical Response to Recent Observed Southern Ocean Cooling?. Geophysical Research Letters, 2021, 48, e2020GL091235.	4.0	20
9	Two-Year Dynamical Predictions of ENSO Event Duration during 1954â€“2015. Journal of Climate, 2021, 34, 4069-4087.	3.2	23
10	Zonal mean and shift modes of historical climate response to evolving aerosol distribution. Science Bulletin, 2021, 66, 2405-2411.	9.0	30
11	The inherent uncertainty of precipitation variability, trends, and extremes due to internal variability, with implications for Western US water resources. Journal of Climate, 2021, , 1-46.	3.2	12
12	Defining the Internal Component of Atlantic Multidecadal Variability in a Changing Climate. Geophysical Research Letters, 2021, 48, e2021GL095023.	4.0	19
13	How well do we know the surface impact of sudden stratospheric warmings?. Geophysical Research Letters, 2021, 48, e2021GL095493.	4.0	5
14	Ubiquity of human-induced changes in climate variability. Earth System Dynamics, 2021, 12, 1393-1411.	7.1	131
15	ENSO and Pacific Decadal Variability in the Community Earth System Model Version 2. Journal of Advances in Modeling Earth Systems, 2020, 12, e2019MS002022.	3.8	52
16	Tropical climate responses to projected Arctic and Antarctic sea-ice loss. Nature Geoscience, 2020, 13, 275-281.	12.9	76
17	Historical and Future Roles of Internal Atmospheric Variability in Modulating Summertime Greenland Ice Sheet Melt. Geophysical Research Letters, 2020, 47, e2019GL086913.	4.0	2
18	The Community Earth System Model Version 2 (CESM2). Journal of Advances in Modeling Earth Systems, 2020, 12, e2019MS001916.	3.8	935

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19	Global Coupled Climate Response to Polar Sea Ice Loss: Evaluating the Effectiveness of Different Iceâ€Constraining Approaches. Geophysical Research Letters, 2020, 47, e2019GL085788.	4.0	22
20	Insights from Earth system model initial-condition large ensembles and future prospects. Nature Climate Change, 2020, 10, 277-286.	18.8	436
21	â€œCertain Uncertainty: The Role of Internal Climate Variability in Projections of Regional Climate Change and Risk Managementâ€. Earth's Future, 2020, 8, e2020EF001854.	6.3	50
22	Anthropogenic Aerosols Dominate Forced Multidecadal Sahel Precipitation Change through Distinct Atmospheric and Oceanic Drivers. Journal of Climate, 2020, 33, 10187-10204.	3.2	16
23	Pattern Recognition Methods to Separate Forced Responses from Internal Variability in Climate Model Ensembles and Observations. Journal of Climate, 2020, 33, 8693-8719.	3.2	53
24	Evaluation of Leading Modes of Climate Variability in the CMIP Archives. Journal of Climate, 2020, 33, 5527-5545.	3.2	47
25	Isolating the Evolving Contributions of Anthropogenic Aerosols and Greenhouse Gases: A New CESM1 Large Ensemble Community Resource. Journal of Climate, 2020, 33, 7835-7858.	3.2	93
26	Partitioning climate projection uncertainty with multiple large ensembles and CMIP5/6. Earth System Dynamics, 2020, 11, 491-508.	7.1	255
27	Earth System Model Evaluation Tool (ESMValTool) v2.0 â€“ an extended set of large-scale diagnostics for quasi-operational and comprehensive evaluation of Earth system models in CMIP. Geoscientific Model Development, 2020, 13, 3383-3438.	3.6	69
28	Model Biases in the Simulation of the Springtime North Pacific ENSO Teleconnection. Journal of Climate, 2020, 33, 9985-10002.	3.2	9
29	Decadal predictability of late winter precipitation in western Europe through an oceanâ€“jet stream connection. Nature Geoscience, 2019, 12, 613-619.	12.9	48
30	Nonlinear Response of Extreme Precipitation to Warming in CESM1. Geophysical Research Letters, 2019, 46, 10551-10560.	4.0	35
31	The Effect of Arctic Sea Ice Loss on the Hadley Circulation. Geophysical Research Letters, 2019, 46, 963-972.	4.0	23
32	The Polar Amplification Model Intercomparison Project (PAMIP) contribution to CMIP6: investigating the causes and consequences of polar amplification. Geoscientific Model Development, 2019, 12, 1139-1164.	3.6	168
33	Human Influence on Winter Precipitation Trends (1921â€“2015) over North America and Eurasia Revealed by Dynamical Adjustment. Geophysical Research Letters, 2019, 46, 3426-3434.	4.0	52
34	Pacific Ocean Variability Influences the Time of Emergence of a Seasonally Iceâ€Free Arctic Ocean. Geophysical Research Letters, 2019, 46, 2222-2231.	4.0	68
35	Local and Nonlocal Land Surface Influence in European Heatwave Initial Condition Ensembles. Geophysical Research Letters, 2019, 46, 14082-14092.	4.0	17
36	North Atlantic Oscillation (NAO). , 2019, , 447-454.		33

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37	Fast Response of the Tropics to an Abrupt Loss of Arctic Sea Ice via Ocean Dynamics. Geophysical Research Letters, 2018, 45, 4264-4272.	4.0	53
38	Consistency and discrepancy in the atmospheric response to Arctic sea-ice loss across climate models. Nature Geoscience, 2018, 11, 155-163.	12.9	265
39	How Well Do We Know ENSOâ€™s Climate Impacts over North America, and How Do We Evaluate Models Accordingly?. Journal of Climate, 2018, 31, 4991-5014.	3.2	83
40	Future risk of record-breaking summer temperatures and its mitigation. Climatic Change, 2018, 146, 363-375.	3.6	50
41	Tropically driven and externally forced patterns of Antarctic sea ice change: reconciling observed and modeled trends. Climate Dynamics, 2018, 50, 4599-4618.	3.8	43
42	Internal Variability and Regional Climate Trends in an Observational Large Ensemble. Journal of Climate, 2018, 31, 6783-6802.	3.2	69
43	Modeled and Observed Multidecadal Variability in the North Atlantic Jet Stream and Its Connection to Sea Surface Temperatures. Journal of Climate, 2018, 31, 8313-8338.	3.2	47
44	Evolution of the Global Coupled Climate Response to Arctic Sea Ice Loss during 1990â€“2090 and Its Contribution to Climate Change. Journal of Climate, 2018, 31, 7823-7843.	3.2	126
45	Attributing the U.S. Southwest's Recent Shift Into Drier Conditions. Geophysical Research Letters, 2018, 45, 6251-6261.	4.0	82
46	Distinguishing Stratospheric Sudden Warmings from ENSO as Key Drivers of Wintertime Climate Variability over the North Atlantic and Eurasia. Journal of Climate, 2017, 30, 1959-1969.	3.2	77
47	Climatological Characteristics of Typical Daily Precipitation. Journal of Climate, 2017, 30, 5985-6003.	3.2	19
48	Atmospheric and Oceanic Origins of Tropical Precipitation Variability. Journal of Climate, 2017, 30, 3197-3217.	3.2	28
49	Predictability of 2-year La NiÃ±a events in a coupled general circulation model. Climate Dynamics, 2017, 49, 4237-4261.	3.8	74
50	Extreme temperatures in Southeast Asia caused by El NiÃ±o and worsened by global warming. Nature Communications, 2017, 8, 15531.	12.8	167
51	The Northern Hemisphere Extratropical Atmospheric Circulation Response to ENSO: How Well Do We Know It and How Do We Evaluate Models Accordingly?. Journal of Climate, 2017, 30, 5059-5082.	3.2	180
52	Removing Circulation Effects to Assess Central U.S. Landâ€Atmosphere Interactions in the CESM Large Ensemble. Geophysical Research Letters, 2017, 44, 9938-9946.	4.0	33
53	Toward a New Estimate of â€œTime of Emergenceâ€•of Anthropogenic Warming: Insights from Dynamical Adjustment and a Large Initial-Condition Model Ensemble. Journal of Climate, 2017, 30, 7739-7756.	3.2	81
54	The relative contributions of tropical Pacific sea surface temperatures and atmospheric internal variability to the recent global warming hiatus. Geophysical Research Letters, 2017, 44, 7945-7954.	4.0	61

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55	Connecting tropical climate change with Southern Ocean heat uptake. Geophysical Research Letters, 2017, 44, 9449-9457.	4.0	61
56	A 2 Year Forecast for a 60â€“80% Chance of La NiÃ±a in 2017â€“2018. Geophysical Research Letters, 2017, 44, 11,624.	4.0	37
57	The role of the North Atlantic Oscillation in European climate projections. Climate Dynamics, 2017, 49, 3141-3157.	3.8	122
58	An â€œObservational Large Ensembleâ€•to Compare Observed and Modeled Temperature Trend Uncertainty due to Internal Variability. Journal of Climate, 2017, 30, 7585-7598.	3.2	57
59	El NiÃ±o and Southern Oscillation (ENSO): A Review. Coral Reefs of the World, 2017, , 85-106.	0.7	147
60	Precipitation variability increases in a warmer climate. Scientific Reports, 2017, 7, 17966.	3.3	395
61	Evolving Impacts of Multiyear La NiÃ±a Events on Atmospheric Circulation and U.S. Drought. Geophysical Research Letters, 2017, 44, 11,614.	4.0	51
62	An overview of decadal-scale sea surface temperature variability in the observational record. Past Global Change Magazine, 2017, 25, 2-6.	0.1	12
63	ESMValTool (v1.0) â€“ a community diagnostic and performance metrics tool for routine evaluation of Earth system models in CMIP. Geoscientific Model Development, 2016, 9, 1747-1802.	3.6	127
64	The atmospheric role in the Arctic water cycle: A review on processes, past and future changes, and their impacts. Journal of Geophysical Research G: Biogeosciences, 2016, 121, 586-620.	3.0	197
65	The importance of ENSO phase during volcanic eruptions for detection and attribution. Geophysical Research Letters, 2016, 43, 2851-2858.	4.0	75
66	The Role of Ocean Heat Transport in the Global Climate Response to Projected Arctic Sea Ice Loss. Journal of Climate, 2016, 29, 6841-6859.	3.2	103
67	Reconciling the observed and modeled Southern Hemisphere circulation response to volcanic eruptions. Geophysical Research Letters, 2016, 43, 7259-7266.	4.0	25
68	Does ocean coupling matter for the northern extratropical response to projected Arctic sea ice loss?. Geophysical Research Letters, 2016, 43, 2149-2157.	4.0	133
69	The Pacific Decadal Oscillation, Revisited. Journal of Climate, 2016, 29, 4399-4427.	3.2	877
70	Forced and Internal Components of Winter Air Temperature Trends over North America during the past 50 Years: Mechanisms and Implications*. Journal of Climate, 2016, 29, 2237-2258.	3.2	189
71	Reduced Risk of North American Cold Extremes due to Continued Arctic Sea Ice Loss. Bulletin of the American Meteorological Society, 2015, 96, 1489-1503.	3.3	108
72	Projected changes in regional climate extremes arising from Arctic sea ice loss. Environmental Research Letters, 2015, 10, 084006.	5.2	59

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73	Northern Hemisphere climate variability during winter: Looking back on the work of Felix Exner. Meteorologische Zeitschrift, 2015, 24, 113-118.	1.0	6
74	Effects of stratospheric variability on El NiÃ±o teleconnections. Environmental Research Letters, 2015, 10, 124021.	5.2	47
75	Attribution of Climate Change in the Presence of Internal Variability. World Scientific Series on Asia-Pacific Weather and Climate, 2015, , 1-29.	0.2	26
76	Comparing the Impacts of Tropical SST Variability and Polar Stratospheric Ozone Loss on the Southern Ocean Westerly Winds*. Journal of Climate, 2015, 28, 9350-9372.	3.2	38
77	The Role of Oceanâ€“Atmosphere Coupling in the Zonal-Mean Atmospheric Response to Arctic Sea Ice Loss. Journal of Climate, 2015, 28, 2168-2186.	3.2	244
78	The Community Earth System Model (CESM) Large Ensemble Project: A Community Resource for Studying Climate Change in the Presence of Internal Climate Variability. Bulletin of the American Meteorological Society, 2015, 96, 1333-1349.	3.3	1,723
79	Mechanisms of Stratospheric and Tropospheric Circulation Response to Projected Arctic Sea Ice Loss*. Journal of Climate, 2015, 28, 7824-7845.	3.2	204
80	Towards predictive understanding of regional climate change. Nature Climate Change, 2015, 5, 921-930.	18.8	253
81	Quantifying the Role of Internal Climate Variability in Future Climate Trends. Journal of Climate, 2015, 28, 6443-6456.	3.2	143
82	Tree-ring reconstructed temperature index for coastal northern Japan: implications for western North Pacific variability. International Journal of Climatology, 2015, 35, 3713-3720.	3.5	14
83	Equatorial signatures of the Pacific Meridional Modes: Dependence on mean climate state. Geophysical Research Letters, 2014, 41, 568-574.	4.0	56
84	Internal Variability in Projections of Twenty-First-Century Arctic Sea Ice Loss: Role of the Large-Scale Atmospheric Circulation. Journal of Climate, 2014, 27, 527-550.	3.2	81
85	Projecting North American Climate over the Next 50 Years: Uncertainty due to Internal Variability*. Journal of Climate, 2014, 27, 2271-2296.	3.2	393
86	Nonlinear Controls on the Persistence of La NiÃ±a*. Journal of Climate, 2014, 27, 7335-7355.	3.2	91
87	Atmospheric impacts of Arctic sea-ice loss, 1979â€“2009: separating forced change from atmospheric internal variability. Climate Dynamics, 2014, 43, 333-344.	3.8	225
88	Recent Antarctic sea ice trends in the context of Southern Ocean surface climate variations since 1950. Geophysical Research Letters, 2014, 41, 2419-2426.	4.0	123
89	Evaluating Modes of Variability in Climate Models. Eos, 2014, 95, 453-455.	0.1	84
90	The Continuum of Hydroclimate Variability in Western North America during the Last Millennium. Journal of Climate, 2013, 26, 5863-5878.	3.2	106

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91	A verification framework for interannual-to-decadal predictions experiments. Climate Dynamics, 2013, 40, 245-272.	3.8	254
92	The Atmospheric Response to Three Decades of Observed Arctic Sea Ice Loss. Journal of Climate, 2013, 26, 1230-1248.	3.2	314
93	Uncertainty in future regional sea level rise due to internal climate variability. Geophysical Research Letters, 2013, 40, 2768-2772.	4.0	53
94	Uncertainty in Climate Change Projections of the Hadley Circulation: The Role of Internal Variability. Journal of Climate, 2013, 26, 7541-7554.	3.2	49
95	Characterizing decadal to centennial variability in the equatorial Pacific during the last millennium. Geophysical Research Letters, 2013, 40, 3450-3456.	4.0	79
96	Changes in Variability Associated with Climate Change. , 2013, , 249-271.		2
97	Will There Be a Significant Change to El NiÃ±o in the Twenty-First Century?. Journal of Climate, 2012, 25, 2129-2145.	3.2	129
98	Decadalâ€“Interdecadal Climate Variability over Antarctica and Linkages to the Tropics: Analysis of Ice Core, Instrumental, and Tropical Proxy Data. Journal of Climate, 2012, 25, 7421-7441.	3.2	44
99	Communication of the role of natural variability in future North American climate. Nature Climate Change, 2012, 2, 775-779.	18.8	671
100	Local and remote controls on observed Arctic warming. Geophysical Research Letters, 2012, 39, .	4.0	264
101	ENSO and Pacific Decadal Variability in the Community Climate System Model Version 4. Journal of Climate, 2012, 25, 2622-2651.	3.2	293
102	Slowdown of the Walker circulation driven by tropical Indo-Pacific warming. Nature, 2012, 491, 439-443.	27.8	281
103	Simulated Siberian snow cover response to observed Arctic sea ice loss, 1979â€“2008. Journal of Geophysical Research, 2012, 117, .	3.3	35
104	Observed Antarctic Interannual Climate Variability and Tropical Linkages. Journal of Climate, 2012, 25, 4048-4066.	3.2	100
105	Uncertainty in climate change projections: the role of internal variability. Climate Dynamics, 2012, 38, 527-546.	3.8	1,209
106	An assessment and interpretation of the observed warming of West Antarctica in the austral spring. Climate Dynamics, 2012, 38, 323-347.	3.8	137
107	Rethinking the Oceanâ€™s Role in the Southern Oscillation. Journal of Climate, 2011, 24, 4056-4072.	3.2	95
108	Arctic Inversion Strength in Climate Models. Journal of Climate, 2011, 24, 4733-4740.	3.2	67

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109	Coupled atmosphereâ€“mixed layer ocean response to ocean heat flux convergence along the Kuroshio Current Extension. Climate Dynamics, 2011, 36, 2295-2312.	3.8	20
110	Distinguishing the Roles of Natural and Anthropogenically Forced Decadal Climate Variability. Bulletin of the American Meteorological Society, 2011, 92, 141-156.	3.3	125
111	On the Persistence of Cold-Season SST Anomalies Associated with the Annular Modes. Journal of Climate, 2011, 24, 2500-2515.	3.2	14
112	Climatological Characteristics of Arctic and Antarctic Surface-Based Inversions. Journal of Climate, 2011, 24, 5167-5186.	3.2	124
113	A Proposed Mechanism for the Asymmetric Duration of El NiÃ±o and La NiÃ±a. Journal of Climate, 2011, 24, 3822-3829.	3.2	111
114	Asymmetry in the Duration of El NiÃ±o and La NiÃ±a. Journal of Climate, 2010, 23, 5826-5843.	3.2	301
115	Atmospheric forcing of Fram Strait sea ice export: a closer look. Climate Dynamics, 2010, 35, 1349-1360.	3.8	71
116	Climate forcings and climate sensitivities diagnosed from atmospheric global circulation models. Climate Dynamics, 2010, 35, 1461-1475.	3.8	12
117	North Atlantic climate variability: The role of the North Atlantic Oscillation. Journal of Marine Systems, 2010, 79, 231-244.	2.1	396
118	The Seasonal Atmospheric Response to Projected Arctic Sea Ice Loss in the Late Twenty-First Century. Journal of Climate, 2010, 23, 333-351.	3.2	447
119	The Atmospheric Response to Projected Terrestrial Snow Changes in the Late Twenty-First Century. Journal of Climate, 2010, 23, 6430-6437.	3.2	29
120	Global Warming Pattern Formation: Sea Surface Temperature and Rainfall*. Journal of Climate, 2010, 23, 966-986.	3.2	915
121	Twentieth century tropical sea surface temperature trends revisited. Geophysical Research Letters, 2010, 37, .	4.0	373
122	Sea Surface Temperature Variability: Patterns and Mechanisms. Annual Review of Marine Science, 2010, 2, 115-143.	11.6	788
123	Why the Western Pacific Subtropical High Has Extended Westward since the Late 1970s. Journal of Climate, 2009, 22, 2199-2215.	3.2	456
124	A U.S. CLIVAR Project to Assess and Compare the Responses of Global Climate Models to Drought-Related SST Forcing Patterns: Overview and Results. Journal of Climate, 2009, 22, 5251-5272.	3.2	282
125	North Atlantic climate variability: The role of the North Atlantic Oscillation. Journal of Marine Systems, 2009, 78, 28-41.	2.1	559
126	North Pacific Climate Response to Freshwater Forcing in the Subarctic North Atlantic: Oceanic and Atmospheric Pathways. Journal of Climate, 2009, 22, 1424-1445.	3.2	140

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127	Atmospheric Circulation Trends, 1950â€“2000: The Relative Roles of Sea Surface Temperature Forcing and Direct Atmospheric Radiative Forcing. Journal of Climate, 2009, 22, 396-413.	3.2	148
128	Evolution of Arctic sea ice concentration trends and the role of atmospheric circulation forcing, 1979â€“2007. Geophysical Research Letters, 2008, 35, .	4.0	164
129	Decadal variability in the northeast Pacific in a physicalâ€ecosystem model: Role of mixed layer depth and trophic interactions. Journal of Geophysical Research, 2008, 113, .	3.3	15
130	Accelerated Arctic land warming and permafrost degradation during rapid sea ice loss. Geophysical Research Letters, 2008, 35, .	4.0	195
131	A Climatology of Diurnal and Semidiurnal Surface Wind Variations over the Tropical Pacific Ocean Based on the Tropical Atmosphere Ocean Moored Buoy Array. Journal of Climate, 2008, 21, 593-607.	3.2	28
132	Investigating the Impact of Reemerging Sea Surface Temperature Anomalies on the Winter Atmospheric Circulation over the North Atlantic. Journal of Climate, 2007, 20, 3510-3526.	3.2	68
133	North Pacific Decadal Variability in the Community Climate System Model Version 2. Journal of Climate, 2007, 20, 2416-2433.	3.2	141
134	The Transient Atmospheric Circulation Response to North Atlantic SST and Sea Ice Anomalies. Journal of Climate, 2007, 20, 4751-4767.	3.2	227
135	Tropical Atmospheric Variability Forced by Oceanic Internal Variability. Journal of Climate, 2007, 20, 765-771.	3.2	18
136	Tropical Pacific and Atlantic Climate Variability in CCSM3. Journal of Climate, 2006, 19, 2451-2481.	3.2	139
137	The Impact of Cloud Radiative Feedback, Remote ENSO Forcing, and Entrainment on the Persistence of North Pacific Sea Surface Temperature Anomalies. Journal of Climate, 2006, 19, 6243-6261.	3.2	30
138	Simulation of the 1976/77 Climate Transition over the North Pacific: Sensitivity to Tropical Forcing. Journal of Climate, 2006, 19, 6170-6180.	3.2	88
139	Low-Frequency Pycnocline Variability in the Northeast Pacific. Journal of Physical Oceanography, 2005, 35, 1403-1420.	1.7	33
140	Estimation of the Surface Heat Flux Response to Sea Surface Temperature Anomalies over the Global Oceans. Journal of Climate, 2005, 18, 4582-4599.	3.2	95
141	Tropicalâ€“North Pacific Climate Linkages over the Past Four Centuries*. Journal of Climate, 2005, 18, 5253-5265.	3.2	79
142	Anatomy and Decadal Evolution of the Pacific Subtropicalâ€“Tropical Cells (STCs)*. Journal of Climate, 2005, 18, 3739-3758.	3.2	63
143	Pacific Interdecadal Climate Variability: Linkages between the Tropics and the North Pacific during Boreal Winter since 1900. Journal of Climate, 2004, 17, 3109-3124.	3.2	511
144	Summer Sea Surface Temperature Conditions in the North Atlantic and Their Impact upon the Atmospheric Circulation in Early Winter. Journal of Climate, 2004, 17, 3349-3363.	3.2	70

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145	North Atlantic Winter Climate Regimes: Spatial Asymmetry, Stationarity with Time, and Oceanic Forcing. Journal of Climate, 2004, 17, 1055-1068.	3.2	233
146	The Effects of North Atlantic SST and Sea Ice Anomalies on the Winter Circulation in CCM3. Part II: Direct and Indirect Components of the Response. Journal of Climate, 2004, 17, 877-889.	3.2	253
147	The Effects of North Atlantic SST and Sea Ice Anomalies on the Winter Circulation in CCM3. Part I: Main Features and Storm Track Characteristics of the Response. Journal of Climate, 2004, 17, 857-876.	3.2	242
148	Understanding the Persistence of Sea Surface Temperature Anomalies in Midlatitudes. Journal of Climate, 2003, 16, 57-72.	3.2	218
149	On the Reemergence of North Atlantic SST Anomalies. Journal of Climate, 2002, 15, 2707-2712.	3.2	74
150	Wind-Driven Thermocline Variability in the Pacific: A Modelâ€“Data Comparison. Journal of Climate, 2002, 15, 829-845.	3.2	29
151	Decadal variations in Labrador Sea ice cover and North Atlantic sea surface temperatures. Journal of Geophysical Research, 2002, 107, 3-1.	3.3	66
152	NAO influence on sea ice extent in the Eurasian coastal region. Geophysical Research Letters, 2002, 29, 10-1-10-4.	4.0	29
153	Evolutionary Structure of the Eastern Pacific Double ITCZ Based on Satellite Moisture Profile Retrievals. Journal of Climate, 2001, 14, 743-751.	3.2	56
154	On the teleconnectivity of the â€œArctic Oscillationâ€• Geophysical Research Letters, 2000, 27, 779-782.	4.0	373
155	Arctic Sea Ice Variability in the Context of Recent Atmospheric Circulation Trends. Journal of Climate, 2000, 13, 617-633.	3.2	519
156	The Relation between Decadal Variability of Subtropical Mode Water and the North Atlantic Oscillation*. Journal of Climate, 2000, 13, 2550-2569.	3.2	223
157	Subduction of Decadal North Pacific Temperature Anomalies: Observations and Dynamics. Journal of Physical Oceanography, 1999, 29, 1056-1070.	1.7	216
158	Pacific thermocline bridge revisited. Geophysical Research Letters, 1999, 26, 1329-1332.	4.0	74
159	Diurnal and semidiurnal variations in global surface wind and divergence fields. Journal of Geophysical Research, 1999, 104, 31109-31125.	3.3	192
160	Evidence for a Wind-Driven Intensification of the Kuroshio Current Extension from the 1970s to the 1980s. Journal of Climate, 1999, 12, 1697-1706.	3.2	242
161	The Reemergence of SST Anomalies in the North Pacific Ocean. Journal of Climate, 1999, 12, 2419-2433.	3.2	195
162	Diurnal and Semidiurnal Variations of the Surface Wind Field over the Tropical Pacific Ocean. Journal of Climate, 1998, 11, 1730-1748.	3.2	61

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163	Atmosphereâ€“Ocean Interaction on Weekly Timescales in the North Atlantic and Pacific. Journal of Climate, 1997, 10, 393-408.	3.2	179
164	Upper-Ocean Thermal Variations in the North Pacific during 1970â€“1991. Journal of Climate, 1996, 9, 1840-1855.	3.2	310
165	On the Relationship between Tropical and North Pacific Sea Surface Temperature Variations. Journal of Climate, 1995, 8, 1677-1680.	3.2	226
166	A Mechanism for the Recurrence of Wintertime Midlatitude SST Anomalies. Journal of Physical Oceanography, 1995, 25, 122-137.	1.7	270
167	Surface Climate Variations over the North Atlantic Ocean during Winter: 1900â€“1989. Journal of Climate, 1993, 6, 1743-1753.	3.2	701
168	The Influence of Sea Surface Temperature Gradients on Stratiform Cloudiness along the Equatorial Front in the Pacific Ocean. Journal of Climate, 1993, 6, 1172-1180.	3.2	70
169	Diagnosis of the Surface Momentum Balance over the Tropical Pacific Ocean. Journal of Climate, 1993, 6, 64-74.	3.2	44
170	Large-Scale Atmospheric Circulation Features of Warm and Cold Episodes in the Tropical Pacific. Journal of Climate, 1990, 3, 1254-1281.	3.2	300
171	The Influence of Sea-Surface Temperature on Surface Wind in the Eastern Equatorial Pacific: Seasonal and Interannual Variability. Journal of Climate, 1989, 2, 1492-1499.	3.2	414
172	Amazon River Discharge and Climate Variability: 1903 to 1985. Science, 1989, 246, 101-103.	12.6	254
173	Correlation Structure of the El NiÃ±o/Southern Oscillation Phenomenon. Journal of Climate, 1988, 1, 609-625.	3.2	50
174	El NiÃ±o events and their relation to the Southern Oscillation: 1925â€“1986. Journal of Geophysical Research, 1987, 92, 14189-14196.	3.3	161
175	Recent Trends in Arctic Sea Ice and the Evolving Role of Atmospheric Circulation Forcing, 1979-2007. Geophysical Monograph Series, 0, , 7-26.	0.1	16
176	The Atmospheric Response to Realistic Reduced Summer Arctic Sea Ice Anomalies. Geophysical Monograph Series, 0, , 91-110.	0.1	26