

A possible response of the atmospheric Hadley circulation to ocean temperature

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Annual and Biennial Modulations in the Tropical Hadley Cell Circulation. <i>Nature</i> , 1969, 222, 76-78.	13.7	31
2	Observational studies of the general circulation of the Tropics: long term mean values. <i>Quarterly Journal of the Royal Meteorological Society</i> , 1969, 95, 258-287.	1.0	52
3	Zonal anomaly of sea surface temperature in equatorial Indian ocean and its possible effect upon monsoon circulation. <i>Tellus</i> , 1970, 22, 403-409.	0.4	19
4	New lag associations between North Atlantic sea temperature and European pressure applied to long-range weather forecasting. <i>Quarterly Journal of the Royal Meteorological Society</i> , 1970, 96, 226-246.	1.0	128
5	The Interaction of Elements in the System "Ocean" "Atmosphere" "Continents". <i>Soviet Geography</i> , 1971, 12, 350-372.	0.3	0
6	Mean cloud distributions over tropical oceans. <i>Tellus</i> , 1971, 23, 183-195.	0.4	7
7	Remarks on climatic intransitivity and the 1972 pacific anomaly. <i>Atmosphere</i> , 1973, 11, 134-140.	0.9	5
8	Climate of the American Tropics and Subtropics in the 1960s and Possible Comparisons With Climatic Variations of the Last Millenium. <i>Quaternary Research</i> , 1974, 4, 128-135.	1.0	31
9	The general circulation of the pacific ocean and a brief account of the oceanographic structure of the north pacific ocean: Part II " Thermal regime and influence on the climate. <i>Atmosphere</i> , 1976, 14, 1-27.	0.9	7
10	Ocean temperatures and large scale atmospheric variations. <i>Nature</i> , 1976, 262, 40-41.	13.7	50
11	Stochastic climate models, Part II Application to sea-surface temperature anomalies and thermocline variability. <i>Tellus</i> , 2022, 29, 289.	0.4	488
12	Sea surface temperature related to rain in CearÃ¡, north-eastern Brazil. <i>Nature</i> , 1977, 265, 320-323.	13.7	98
13	Stochastic climate models, Part II Application to sea-surface temperature anomalies and thermocline variability. <i>Tellus</i> , 1977, 29, 289-305.	0.4	440
14	West African precipitation and dominant atmospheric mechanisms. <i>Archives for Meteorology, Geophysics and Bioclimatology, Series A</i> , 1978, 27, 289-310.	0.4	49
15	Breeding Patterns of Galapagos Penguins as an Indicator of Oceanographic Conditions. <i>Science</i> , 1978, 200, 1481-1483.	6.0	113
16	The European drought of 1975-76 and its climatic context. <i>Progress in Physical Geography</i> , 1978, 2, 237-263.	1.4	7
17	Numerical models of ocean circulation and climate interaction. <i>Reviews of Geophysics</i> , 1979, 17, 1494-1507.	9.0	9
18	Long-range weather forecasting: Value, status, and prospects. <i>Reviews of Geophysics</i> , 1980, 18, 771-788.	9.0	52

#	ARTICLE	IF	CITATIONS
19	On spectra and coherence of tropical climate anomalies. <i>Tellus</i> , 1981, 33, 453-462.	0.4	21
20	A hemispheric circulation asymmetry during Late Tertiary. <i>Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie</i> , 1981, 70, 725-736.	1.3	35
21	Large-Scale Air-Sea Interactions and Short-Period Climatic Fluctuations. <i>Science</i> , 1981, 214, 869-876.	6.0	116
22	Essay on Dynamical Long-Range Forecasts of Atmospheric Circulation. <i>Journal of the Meteorological Society of Japan</i> , 1982, 60, 292-308.	0.7	22
23	Oscillations of upper-air circulation and anomalies in the surface climate of the tropics. <i>Archiv für Meteorologie Geophysik Und Bioklimatologie Serie B</i> , 1982, 31, 1-37.	0.8	28
24	El Niño Southern Oscillation phenomena. <i>Nature</i> , 1983, 302, 295-301.	13.7	579
25	Large-scale motions of the tropics in observations and theory. <i>Pure and Applied Geophysics</i> , 1983, 121, 947-982.	0.8	9
26	Meteorological Aspects of the El Niño/Southern Oscillation. <i>Science</i> , 1983, 222, 1195-1202.	6.0	871
27	Large-scale thermal anomalies in the California Current during the 1982-1983 El Niño. <i>Geophysical Research Letters</i> , 1983, 10, 937-940.	1.5	114
28	Advances in short term climate prediction. <i>Reviews of Geophysics</i> , 1983, 21, 1096-1102.	9.0	11
29	TWENTIETH-CENTURY CLIMATE ANOMALY PATTERNS OVER THE SOUTHWESTERN UNITED STATES. <i>Physical Geography</i> , 1984, 5, 164-185.	0.6	9
30	Propagated temperature changes during onset and recovery of the 1982-83 El Niño. <i>Nature</i> , 1984, 309, 47-49.	13.7	10
31	Ocean-atmosphere coupling over monsoon regions. <i>Nature</i> , 1984, 312, 141-143.	13.7	387
32	A review of the Southern Oscillation: oceanic-atmospheric circulation changes and related rainfall anomalies. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 1984, 36A, 490-504.	0.8	202
33	The Southern Oscillation and El Niño. <i>Progress in Physical Geography</i> , 1984, 8, 102-110.	1.4	10
34	A review of the Southern Oscillation: oceanic-atmospheric circulation changes and related rainfall anomalies. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 36, 490.	0.8	94
35	An initial note on proposed MSL measurements in the tropical Westpac Region 1983-1986. <i>Journal of Spatial Science</i> , 1984, 32, 21-34.	0.1	0
36	Atmospheric Response to the Sea Surface Temperature Anomalies Observed in Early Summer of 1983. <i>Journal of the Meteorological Society of Japan</i> , 1985, 63, 565-588.	0.7	17

#	ARTICLE	IF	CITATIONS
37	Teleconnections between the rainfall over Northeast Brazil and the winter circulation of Northern Hemisphere. <i>Pure and Applied Geophysics</i> , 1985, 123, 951-959.	0.8	4
38	The Southern Oscillation and its associated summer rainfalls in China – Concurrent discussion of the relationship between the Southern Oscillation and Walker circulation. <i>Advances in Atmospheric Sciences</i> , 1985, 2, 542-548.	1.9	0
39	A Climatological Study of Typhoon Formation and Typhoon Visit to Japan. <i>Papers in Meteorology and Geophysics</i> , 1985, 36, 61-118.	0.9	14
40	Tropical meteorology. <i>Progress in Physical Geography</i> , 1985, 9, 157-186.	1.4	13
41	Tropical teleconnections associated with El Niño/Southern Oscillation (ENSO) events. <i>Progress in Physical Geography</i> , 1985, 9, 524-558.	1.4	28
42	A Theory for El Niño and the Southern Oscillation. <i>Science</i> , 1985, 228, 1085-1087.	6.0	463
43	Sea surface temperature anomalies, planetary waves, and air-sea feedback in the middle latitudes. <i>Reviews of Geophysics</i> , 1985, 23, 357-390.	9.0	466
44	Predictability studies with the ECMWF spectral model for the extended range: the impact of horizontal resolution and sea surface temperature. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 1986, 38, 25-41.	0.8	6
45	Atmospheric Response to the Sea Surface Temperature Anomalies in the Mature Phase of El Niño: Numerical Experiment under the Perpetual January Condition. <i>Journal of the Meteorological Society of Japan</i> , 1986, 64, 347-362.	0.7	15
46	Sea Surface Temperature anomalies in the Kuroshio region and temperature anomalies over north America. <i>Meteorology and Atmospheric Physics</i> , 1986, 35, 1-9.	0.9	1
47	Equatorial Atlantic Ocean temperature and current variations during 1983 and 1984. <i>Nature</i> , 1986, 322, 240-243.	13.7	46
48	An overview of climate models. <i>Journal of Earth System Science</i> , 1986, 95, 447-484.	0.6	0
49	The quasi-periodic behavior of rainfall variability in Africa and its relationship to the southern oscillation. <i>Archives for Meteorology, Geophysics and Bioclimatology, Series A</i> , 1986, 34, 311-348.	0.4	169
50	LETTERS AND COMMENTS/LETTRES ET COMMENTAIRES. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1986, 43, 1467-1468.	0.7	2
51	Developments in synoptic and dynamic climatology. <i>Progress in Physical Geography</i> , 1987, 11, 121-132.	1.4	2
52	A Simple Moist Model Relevant to the Origin of Intraseasonal Disturbances in the Tropics. <i>Journal of the Meteorological Society of Japan</i> , 1987, 65, 153-165.	0.7	28
53	Divergent Circulations Inferred from Nimbus-7 ERB: Application to the 1982-1983 ENSO Event. <i>Journal of the Meteorological Society of Japan</i> , 1987, 65, 353-371.	0.7	3
54	Global Structure of the El Niño/Southern Oscillation. <i>Journal of the Meteorological Society of Japan</i> , 1987, 65, 67-80.	0.7	36

#	ARTICLE	IF	CITATIONS
55	Numerical weather prediction and climate simulation. Reports on Progress in Physics, 1988, 51, 1205-1226.	8.1	4
56	Principal Components of the North American Summer Temperature Field and the Antecedent Oceanic and Atmospheric Conditions. Journal of the Meteorological Society of Japan, 1988, 66, 677-690.	0.7	1
57	A Numerical Experiment on Sea Surface Temperature Anomalies and Warm Winter in Japan. Journal of the Meteorological Society of Japan, 1988, 66, 515-533.	0.7	13
58	Correlation between the Surface Air Temperature over Japan and the Global Sea Surface Temperature. Journal of the Meteorological Society of Japan, 1988, 66, 967-986.	0.7	11
59	On the Processes of Transitions between Circulation Regimes during Winter over the Pacific and North America. Journal of the Meteorological Society of Japan, 1988, 66, 277-290.	0.7	3
60	A forecast experiment for January 1983. Il Nuovo Cimento Della Societ� Italiana Di Fisica C, 1989, 12, 819-834.	0.2	1
61	Causes of interannual variability in the sea ice cover of the Eastern Bering Sea. Geo Journal, 1989, 18, 45-59.	1.7	34
62	An examination of midlatitude power spectra: evidence for standing variance and the signature of El Ni�o. Tellus, Series A: Dynamic Meteorology and Oceanography, 1989, 41A, 371-384.	0.8	6
63	Climate patterns revealed by pollen and oxygen isotope records of a Tyrrhenian sea core. Nature, 1989, 342, 413-416.	13.7	88
64	El Ni�o, past and present. Reviews of Geophysics, 1989, 27, 159-187.	9.0	172
65	The Relationship of Sea Surface Temperature and Water Vapor Amount to Convection over the Western Tropical Pacific Revealed from Split Window Measurements. Journal of the Meteorological Society of Japan, 1990, 68, 589-606.	0.7	13
66	A diagnostic analysis of winter atmospheric circulation during the 1982-1983 ENSO event. Advances in Atmospheric Sciences, 1990, 7, 57-66.	1.9	0
67	Gaussian components of cloud amount frequency distributions. Theoretical and Applied Climatology, 1990, 41, 69-79.	1.3	1
68	Characteristics of rainfall over Brazil: Annual variations and connections with the Southern Oscillation. Theoretical and Applied Climatology, 1990, 42, 81-91.	1.3	257
69	The birth and evolution of an eastward propagating air-sea coupled disturbance in an aqua-planet. Meteorology and Atmospheric Physics, 1990, 44, 1-9.	0.9	4
70	Observed mid-to-high latitude interchange of atmospheric angular momentum and some implications. Earth, Moon and Planets, 1990, 49, 221-238.	0.3	0
71	Simulation of the response of the North Pacific Ocean to the anomalous atmospheric circulation associated with El Ni�o. Climate Dynamics, 1990, 5, 53-65.	1.7	51
72	A model simulation of the seasonal cycle in the tropical Pacific Ocean using climatological and modeled surface forcing. Journal of Geophysical Research, 1991, 96, 847-864.	3.3	37

#	ARTICLE	IF	CITATIONS
73	Eastern equatorial Pacific response to three composite westerly wind types. Journal of Geophysical Research, 1991, 96, 3239-3248.	3.3	57
74	Interannual Variability of the Atmosphere-Ocean System. , 1991, , 264-346.		1
75	Quasi-Periodic Variabilities of Wind-Stress Fields over the Pacific Ocean Related to ENSO Events. Journal of the Meteorological Society of Japan, 1991, 69, 687-700.	0.7	5
76	Southern Oscillation simulation in the OSU coupled upper ocean-atmosphere GCM. Climate Dynamics, 1991, 6, 83-97.	1.7	8
77	Recent advances in modelling the ocean circulation and its effects on climate. Reports on Progress in Physics, 1992, 55, 1-37.	8.1	11
78	SPATIAL VARIABILITY OF MIDTROPOSPHERIC CIRCULATION PATTERNS AND ASSOCIATED SURFACE CLIMATE IN THE UNITED STATES DURING ENSO WINTERS. Physical Geography, 1992, 13, 331-348.	0.6	15
79	Empirical low-order ENSO dynamics. Geophysical Research Letters, 1992, 19, 2055-2058.	1.5	9
80	Variability in latent heat flux over the tropical pacific in association with recent two ENSO events. Advances in Atmospheric Sciences, 1992, 9, 351-358.	1.9	7
81	A further study on an extended nonlinear ocean-atmosphere coupled hydrodynamic characteristic system and the abrupt feature of ENSO events. Advances in Atmospheric Sciences, 1992, 9, 131-146.	1.9	0
82	Response of the Southern California current system to the mid-latitude North Pacific coastal warming events of 1982-1983 and 1940-1941. Fisheries Oceanography, 1992, 1, 57-79.	0.9	31
83	Climate anomalies in Europe associated with ENSO extremes. International Journal of Climatology, 1992, 12, 25-31.	1.5	222
84	The Southern Oscillation/Northern Oscillation cycle associated with sea surface temperature in the equatorial Pacific. Advances in Atmospheric Sciences, 1993, 10, 353-364.	1.9	3
85	On the Two Types of ENSO. Journal of the Meteorological Society of Japan, 1993, 71, 273-284.	0.7	29
86	COMPARISONS BETWEEN ZONAL AND MERIDIONAL EDDY SENSIBLE HEAT TRANSPORT IN THE NORTHERN HEMISPHERE WINTER. Physical Geography, 1994, 15, 516-528.	0.6	1
87	On the relationship between northern hemispheric weather regimes in wintertime and spring precipitation over China. Quarterly Journal of the Royal Meteorological Society, 1994, 120, 185-194.	1.0	1
88	Transition from a cold to a warm state of the El Niño-Southern Oscillation cycle. Meteorology and Atmospheric Physics, 1995, 56, 17-32.	0.9	13
89	Behaviour of coupled modes in a simple nonlinear air-sea interaction model. Advances in Atmospheric Sciences, 1996, 13, 183-195.	1.9	6
90	A study on flow field and heat exchange anomalies on tropical pacific surface in the El Nino and La Nina events. Meteorology and Atmospheric Physics, 1996, 61, 65-73.	0.9	1

#	ARTICLE	IF	CITATIONS
91	Relationship between North Pacific atmospheric pressure variations and Indian Monsoon rainfall. <i>Theoretical and Applied Climatology</i> , 1996, 54, 117-123.	1.3	2
92	Relationships between Sea Surface Temperature, the Atmospheric Circulation and Air-sea Fluxes on Multiple Time Scales. <i>Journal of the Meteorological Society of Japan</i> , 1997, 75, 831-849.	0.7	40
93	Interannual fluctuations in atmospheric angular momentum simulated by the National Centers for Environmental Prediction medium range forecast model. <i>Journal of Geophysical Research</i> , 1997, 102, 6703-6713.	3.3	15
94	Multiple time-space scale atmosphere-ocean interactions and improvement of Zebiak-Cane model. <i>Science in China Series D: Earth Sciences</i> , 1997, 40, 577-583.	0.9	0
95	Response of the atmospheric circulation in non-tropical regions of the Northern Hemisphere to processes taking place in the tropical region. <i>Physical Oceanography</i> , 1997, 8, 285-291.	0.4	0
96	The influence of tibetan plateau on the interannual variability of atmospheric circulation over tropical Pacific. <i>Advances in Atmospheric Sciences</i> , 1997, 14, 69-80.	1.9	2
97	Global climate change and variability and its influence on Alpine climate ? concepts and observations. <i>Theoretical and Applied Climatology</i> , 1997, 58, 221-243.	1.3	101
98	Predictability of Zimbabwe summer rainfall. <i>International Journal of Climatology</i> , 1997, 17, 1421-1432.	1.5	51
99	Towards the prediction of the East Africa short rains based on sea-surface temperatureâ€“atmosphere coupling. <i>International Journal of Climatology</i> , 1998, 18, 975-997.	1.5	163
100	Dynamics of upper tropospheric stationary wave anomalies induced by ENSO during the northern summer: A GCM study. <i>Journal of Earth System Science</i> , 1998, 107, 65-90.	0.6	11
101	The westerly anomalies over the tropical pacific and their dynamical effect on the enso cycles during 1980â€“1994. <i>Advances in Atmospheric Sciences</i> , 1998, 15, 135-151.	1.9	17
102	Interannual variability of the upper tropospheric circulation. <i>Meteorology and Atmospheric Physics</i> , 1998, 68, 143-150.	0.9	4
103	Modulation of middle and upper tropospheric ozone at northern midlatitudes by the El NiÃ±o/Southern Oscillation. <i>Geophysical Research Letters</i> , 1998, 25, 2667-2670.	1.5	37
104	Evidence of an extratropical atmospheric influence during the onset of the 1997-98 El NiÃ±o. <i>Geophysical Research Letters</i> , 1998, 25, 3537-3540.	1.5	87
105	Equatorial Mid-Tropospheric Easterly Jet over the Eastern Pacific. <i>Journal of the Meteorological Society of Japan</i> , 1999, 77, 701-709.	0.7	17
106	El NiÃ±o and La NiÃ±a predictable climate fluctuations. <i>Reports on Progress in Physics</i> , 1999, 62, 123-142.	8.1	17
107	An ENSO-like oscillation system. <i>Chinese Journal of Oceanology and Limnology</i> , 1999, 17, 331-337.	0.7	3
108	Two Become One: Meteorological Science and the Construction of the El NiÃ±o/Southern Oscillation (ENSO) Phenomenon. <i>Energy and Environment</i> , 1999, 10, 503-515.	2.7	0

#	ARTICLE	IF	CITATIONS
109	El Niño/La Niña relationship with rainfall at Huancayo, in the Peruvian Andes. <i>International Journal of Climatology</i> , 2000, 20, 63-72.	1.5	11
110	Observed winter cyclone tracks in the northern hemisphere in re-analysed ECMWF data. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2000, 126, 591-620.	1.0	94
111	Clues from corals. <i>Nature</i> , 2000, 407, 956-959.	13.7	37
112	The Longitudinal Structure of Interannual Variability Observed in Sea Surface Temperature of the Equatorial Oceans. <i>Journal of the Meteorological Society of Japan</i> , 2000, 78, 499-507.	0.7	6
113	Impact of the Preceding El Niño on the East Asian Summer Atmosphere Circulation.. <i>Journal of the Meteorological Society of Japan</i> , 2001, 79, 575-588.	0.7	84
114	On the ENSO Mechanisms. <i>Advances in Atmospheric Sciences</i> , 2001, 18, 674-691.	1.9	53
115	Dynamical effect of the zonal wind anomalies over the tropical western Pacific on ENSO cycles. <i>Science in China Series D: Earth Sciences</i> , 2001, 44, 1089-1098.	0.9	58
116	ENSO variability, teleconnections and climate change. <i>International Journal of Climatology</i> , 2001, 21, 1845-1862.	1.5	407
117	Current approaches to seasonal to interannual climate predictions. <i>International Journal of Climatology</i> , 2001, 21, 1111-1152.	1.5	530
118	Challenges and Opportunities Provided by Seasonal Climate Forecasts: A Literature Review. <i>Journal of Agricultural & Applied Economics</i> , 2002, 34, 603-632.	0.8	25
119	Interannual Seesaw between the Aleutian and Icelandic Lows. Part III: Its Influence upon the Stratospheric Variability.. <i>Journal of the Meteorological Society of Japan</i> , 2002, 80, 1051-1067.	0.7	24
120	Seasonal prediction of European spring precipitation from El Niño-Southern Oscillation and Local sea-surface temperatures. <i>International Journal of Climatology</i> , 2002, 22, 1-14.	1.5	86
121	Impact of remote oceanic forcing on Gulf of Alaska sea levels and mesoscale circulation. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	23
122	Intra-El Niño Variability of Surface air Temperature Signals Across Western Canada. <i>Physical Geography</i> , 2003, 24, 1-25.	0.6	1
123	Review article. Studying climate effects on ecology through the use of climate indices: the North Atlantic Oscillation, El Niño Southern Oscillation and beyond. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 2087-2096.	1.2	653
124	Quasi-stationary ENSO wave signals versus the Antarctic Circumpolar Wave scenario. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	1.5	28
125	Formation, Mechanisms, and Predictability of the Aleutian-Icelandic Low Seesaw in Ensemble AGCM Simulations. <i>Journal of Climate</i> , 2005, 18, 1423-1434.	1.2	23
126	The Aleutian Low and Winter Climatic Conditions in the Bering Sea. Part I: Classification*. <i>Journal of Climate</i> , 2005, 18, 160-177.	1.2	67

#	ARTICLE	IF	CITATIONS
127	Why Are There Tropical Warm Pools?. <i>Journal of Climate</i> , 2005, 18, 5294-5311.	1.2	83
128	An Evaluation of the Proposed Mechanism of the Adaptive Infrared Iris Hypothesis Using TRMM VIRS and PR Measurements. <i>Journal of Climate</i> , 2005, 18, 4185-4194.	1.2	31
129	Mechanisms of ENSO-forcing of hemispherically symmetric precipitation variability. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2005, 131, 1501-1527.	1.0	153
130	Treating strong adjoint sensitivities in tropical eddy-permitting variational data assimilation. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2005, 131, 3659-3682.	1.0	54
131	Lag-relationship between mid-tropospheric geopotential heights over the Northern Hemisphere and the Indian summer monsoon rainfall: Implications for forecasting. <i>Theoretical and Applied Climatology</i> , 2005, 82, 143-152.	1.3	4
132	Surface and upper-level features associated with wintertime cold surge outbreaks in South Korea. <i>Advances in Atmospheric Sciences</i> , 2005, 22, 509-524.	1.9	17
133	Applications of nonlinear optimization method to numerical studies of atmospheric and oceanic sciences. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2005, 26, 636-646.	1.9	2
134	Impacts of the Aleutian-Icelandic Low Seesaw on Surface Climate during the Twentieth Century. <i>Journal of Climate</i> , 2005, 18, 2793-2802.	1.2	38
135	Wave spectral energy variability in the northeast Pacific. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	84
136	Response of large-scale eastern boundary current forcing in the 21st century. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	1.5	8
137	El Niño induced anomalies in global data sets of total column precipitable water and cloud cover derived from GOME on ERS-2. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	35
138	Two different features of discharge of equatorial upper ocean heat content related to El Niño events. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	13
139	Oscillations and teleconnections. , 0, , 25-58.		0
140	A Simple Mechanism for ENSO Residuals and Asymmetry. <i>Journal of Climate</i> , 2006, 19, 3167-3179.	1.2	84
141	The Termination of the 1997-98 El Niño. Part I: Mechanisms of Oceanic Change*. <i>Journal of Climate</i> , 2006, 19, 2633-2646.	1.2	59
142	The Physical Basis for Predicting Atlantic Sector Seasonal-to-Interannual Climate Variability*. <i>Journal of Climate</i> , 2006, 19, 5949-5970.	1.2	101
143	ENSO Evolution and Teleconnections in IPCC's Twentieth-Century Climate Simulations: Realistic Representation?. <i>Journal of Climate</i> , 2006, 19, 4360-4377.	1.2	121
144	ENSO simulation in coupled ocean-atmosphere models: are the current models better?. <i>Climate Dynamics</i> , 2006, 27, 1-15.	1.7	233

#	ARTICLE	IF	CITATIONS
145	Icelandic precipitationâ€™North Atlantic sea-surface temperature associations. International Journal of Climatology, 2006, 26, 1201-1221.	1.5	9
146	Progress in Paleoclimate Modeling*. Journal of Climate, 2006, 19, 5031-5057.	1.2	63
147	Relationships between Climate Variability and Fluctuations in Daily Precipitation over the United States. Journal of Climate, 2007, 20, 3561-3579.	1.2	88
148	Differences in Atmospheric Circulation between the Development of Weak and Strong Warm Events in the Southern Oscillation. Journal of Climate, 2007, 20, 2191-2209.	1.2	15
149	An Alert Classification System for Monitoring and Assessing the ENSO Cycle. Weather and Forecasting, 2007, 22, 353-371.	0.5	87
150	ENSO surface longwave radiation forcing over the tropical Pacific. Atmospheric Chemistry and Physics, 2007, 7, 2013-2026.	1.9	19
151	Possible connection between Pacific Oceanic interdecadal pathway and east Asian winter monsoon. Geophysical Research Letters, 2007, 34, .	1.5	66
152	Atmospheric bridge, oceanic tunnel, and global climatic teleconnections. Reviews of Geophysics, 2007, 45, .	9.0	322
153	Impact of El NiÃ±oâ€™Southern Oscillation on European climate. Reviews of Geophysics, 2007, 45, .	9.0	330
154	Seasonal flooding in Bangladesh â€™ variability and predictability. Hydrological Processes, 2007, 21, 335-347.	1.1	43
155	Seasonal sea-level forecasts by canonical correlation analysisâ€™an operational scheme for the U.S.-affiliated Pacific Islands. International Journal of Climatology, 2007, 27, 1389-1402.	1.5	23
156	Upper ocean heat content and atmospheric anomaly fields in the off-equatorial North Pacific related to ENSO. Journal of Oceanography, 2007, 63, 561-572.	0.7	10
157	Tropical Pacific â€™ mid-latitude teleconnections in medieval times. Climatic Change, 2007, 83, 241-285.	1.7	195
158	ENSO and seasonal sea-level variability â€™ A diagnostic discussion for the U.S.-Affiliated Pacific Islands. Theoretical and Applied Climatology, 2007, 88, 213-224.	1.3	31
159	Mixed-layer water oscillations in tropical Pacific for ENSO cycle. Science in China Series D: Earth Sciences, 2007, 50, 1892-1908.	0.9	4
160	Variability and predictability of sea-level extremes in the Hawaiian and U.S.-Trust Islandsâ€™a knowledge base for coastal hazards management. Journal of Coastal Conservation, 2008, 12, 93-104.	0.7	2
161	Teleconnection mode between IOD and Northern Hemisphere tropospheric circulation and its mechanism. Meteorology and Atmospheric Physics, 2008, 100, 207-215.	0.9	6
162	Chaotic advection and nonlinear resonances in an oceanic flow above submerged obstacle. Fluid Dynamics Research, 2008, 40, 695-736.	0.6	37

#	ARTICLE	IF	CITATIONS
163	Variability of extreme wave heights in the northeast Pacific Ocean based on buoy measurements. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	114
164	Impact of Resolution and Optimized ECCO Forcing on Simulations of the Tropical Pacific. <i>Journal of Atmospheric and Oceanic Technology</i> , 2008, 25, 131-147.	0.5	14
165	ENSO surface shortwave radiation forcing over the tropical Pacific. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 5565-5577.	1.9	20
166	Observed Strengthening of the Zonal Sea Surface Temperature Gradient across the Equatorial Pacific Ocean*. <i>Journal of Climate</i> , 2009, 22, 4316-4321.	1.2	141
167	The Transition to Strong Convection. <i>Journals of the Atmospheric Sciences</i> , 2009, 66, 2367-2384.	0.6	218
168	An Extratropical Air-Sea Interaction over the North Pacific in Association with a Preceding El Niño Episode in Early Summer. <i>Monthly Weather Review</i> , 2009, 137, 3771-3785.	0.5	17
169	Impact of Freshwater Release in the North Atlantic under Different Climate Conditions in an OAGCM. <i>Journal of Climate</i> , 2009, 22, 6377-6403.	1.2	94
170	A review of interdecadal changes in the nonlinearity of the El Niño-Southern Oscillation. <i>Theoretical and Applied Climatology</i> , 2009, 97, 29-40.	1.3	93
171	The 1877-1878 El Niño episode: associated impacts in South America. <i>Climatic Change</i> , 2009, 92, 389-416.	1.7	101
172	A history of ENSO events since A.D. 1525: implications for future climate change. <i>Climatic Change</i> , 2009, 92, 343-387.	1.7	272
173	Coastal upwelling along the north coast of Papua New Guinea and SST cooling over the pacific warm pool: A case study for the 2002/03 El Niño event. <i>Journal of Oceanography</i> , 2009, 65, 817-833.	0.7	17
174	Solution Of The Enso Delayed Oscillator with Homotopy Analysis Method. <i>Journal of Hydrodynamics</i> , 2009, 21, 131-135.	1.3	4
175	Teleconnections into South America from the Tropics and Extratropics on Interannual and Intraseasonal Timescales. <i>Developments in Paleoenvironmental Research</i> , 2009, , 159-191.	7.5	58
176	Effects of biologically induced differential heating in an eddy-permitting coupled ocean ecosystem model. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	34
177	Source attribution and interannual variability of Arctic pollution in spring constrained by aircraft (ARCTAS, ARCPAC) and satellite (AIRS) observations of carbon monoxide. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 977-996.	1.9	189
178	Coastal upwelling along the north coast of Papua New Guinea and El Niño events during 1981-2005. <i>Ocean Dynamics</i> , 2010, 60, 1255-1269.	0.9	12
179	Interaction between equatorially symmetric and asymmetric tropical eastern Pacific SSTs. <i>Theoretical and Applied Climatology</i> , 2010, 102, 151-158.	1.3	3
180	Seasonal climate forecasting. <i>Meteorological Applications</i> , 2010, 17, 251-268.	0.9	91

#	ARTICLE	IF	CITATIONS
181	Sea-level variability and change in the USA-affiliated Pacific Islands: understanding the high sea levels during 2006-2008. <i>Weather</i> , 2010, 65, 263-268.	0.6	7
182	Distinguishing between the SST-forced variability and internal variability in mid latitudes: Analysis of observations and GCM simulations. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2000, 126, 2323-2350.	1.0	23
183	Greenhouse gas, upwelling-favorable winds, and the future of coastal ocean upwelling ecosystems. <i>Global Change Biology</i> , 2010, 16, 1213-1228.	4.2	235
184	Influence of the state of the Indian Ocean Dipole on the following year's El Niño. <i>Nature Geoscience</i> , 2010, 3, 168-172.	5.4	372
186	Subtropics-Related Interannual Sea Surface Temperature Variability in the Central Equatorial Pacific. <i>Journal of Climate</i> , 2010, 23, 2869-2884.	1.2	248
187	Observed Atmospheric Responses to Global SST Variability Modes: A Unified Assessment Using GEFA*. <i>Journal of Climate</i> , 2010, 23, 1739-1759.	1.2	36
188	Interdecadal Modulation of the Impact of ENSO on Precipitation and Temperature over the United States. <i>Journal of Climate</i> , 2010, 23, 3639-3656.	1.2	127
189	The Inverse Effect of Annual-Mean State and Annual-Cycle Changes on ENSO. <i>Journal of Climate</i> , 2010, 23, 1095-1110.	1.2	28
190	An eddy-permitting, dynamically consistent adjoint-based assimilation system for the tropical Pacific: Hindcast experiments in 2000. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	40
191	Decadal variability of the tropical stratosphere: Secondary influence of the El Niño-Southern Oscillation. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	48
192	El Niño/Southern Oscillation behaviour since 1871 as diagnosed in an extended multivariate ENSO index (MEI.ext). <i>International Journal of Climatology</i> , 2011, 31, 1074-1087.	1.5	850
193	Dynamic and Thermodynamic Air-Sea Coupling Associated with the Indian Ocean Dipole Diagnosed from 23 WCRP CMIP3 Models*. <i>Journal of Climate</i> , 2011, 24, 4941-4958.	1.2	64
194	Mechanisms Involved in the Amplification of the 11-yr Solar Cycle Signal in the Tropical Pacific Ocean. <i>Journal of Climate</i> , 2012, 25, 5102-5118.	1.2	30
195	A Pacific Centennial Oscillation Predicted by Coupled GCMs*. <i>Journal of Climate</i> , 2012, 25, 5943-5961.	1.2	41
196	Central-West Argentina Summer Precipitation Variability and Atmospheric Teleconnections. <i>Journal of Climate</i> , 2012, 25, 1657-1677.	1.2	26
197	Estimating annual precipitation for the Colorado River Basin using oceanic-atmospheric oscillations. <i>Water Resources Research</i> , 2012, 48, .	1.7	74
198	Quantitative reconstruction of sea-surface conditions over the last 150 yr in the Beaufort Sea based on dinoflagellate cyst assemblages: the role of large-scale atmospheric circulation patterns. <i>Biogeosciences</i> , 2012, 9, 5391-5406.	1.3	22
199	Climatologia e variabilidade sazonal do número de ondas de calor e de frio no Rio Grande do Sul associadas ao ENOS. <i>Revista Brasileira De Meteorologia</i> , 2012, 27, 95-106.	0.2	22

#	ARTICLE	IF	CITATIONS
200	Changes in the Relationship between ENSO and Asia-Pacific Midlatitude Winter Atmospheric Circulation. <i>Journal of Climate</i> , 2013, 26, 3377-3393.	1.2	68
201	All flavours of El Niño have similar early subsurface origins. <i>Nature Climate Change</i> , 2013, 3, 42-46.	8.1	52
202	A response in the ENSO cycle to an extratropical forcing mechanism during the El Niño to La Niña transition. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 65, 22431.	0.8	11
203	Strengthening of the Pacific Equatorial Undercurrent in the SODA Reanalysis: Mechanisms, Ocean Dynamics, and Implications. <i>Journal of Climate</i> , 2014, 27, 2405-2416.	1.2	45
204	Multi-decadal modulations in the Aleutian-Icelandic Low seesaw and the axial symmetry of the Arctic Oscillation signature, as revealed in the 20th century reanalysis. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 66, 22660.	0.8	15
205	Regional changes in the annual mean Hadley circulation in recent decades. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 7815-7832.	1.2	68
206	A most-recognized principle to define El Niño and La Niña years based on the Kline diagram technique. <i>International Journal of Climatology</i> , 2015, 35, 2777-2782.	1.5	2
207	Playing hide and seek with El Niño. <i>Nature Climate Change</i> , 2015, 5, 791-795.	8.1	189
208	MJO Propagation across the Maritime Continent in the ECMWF Ensemble Prediction System. <i>Journal of Climate</i> , 2016, 29, 3973-3988.	1.2	62
209	Global tropospheric ozone variations from 2003 to 2011 as seen by SCIAMACHY. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 417-436.	1.9	34
210	Are there statistical links between the direction of European weather systems and ENSO, the solar cycle or stratospheric aerosols?. <i>Royal Society Open Science</i> , 2016, 3, 150320.	1.1	5
211	Impacts of the Asia-Australia dipole and ENSO on climate variability in the Asia-Australia region. <i>International Journal of Climatology</i> , 2016, 36, 4202-4212.	1.5	2
212	Multi-scale variation of the meridional movement of the western Pacific warm pool and its associated large-scale climate features. <i>Theoretical and Applied Climatology</i> , 2017, 129, 859-872.	1.3	3
213	Fifteen years progress of the TRITON array in the Western Pacific and Eastern Indian Oceans. <i>Journal of Oceanography</i> , 2017, 73, 403-426.	0.7	39
214	Why Was the Indian Ocean Dipole Weak in the Context of the Extreme El Niño in 2015?. <i>Journal of Climate</i> , 2017, 30, 4755-4761.	1.2	32
215	Interdecadal Variability of the ENSO-North Pacific Atmospheric Circulation in Winter. <i>Atmosphere - Ocean</i> , 2017, 55, 110-120.	0.6	14
216	Time-varying spectral characteristics of ENSO over the Last Millennium. <i>Climate Dynamics</i> , 2017, 49, 1705-1727.	1.7	15
217	A unified nonlinear stochastic time series analysis for climate science. <i>Scientific Reports</i> , 2017, 7, 44228.	1.6	22

#	ARTICLE	IF	CITATIONS
218	Contrasting global teleconnection features of the eastern Pacific and central Pacific El Niño events. <i>Dynamics of Atmospheres and Oceans</i> , 2017, 80, 139-154.	0.7	38
219	Review of Tropical–Extratropical Teleconnections on Intraseasonal Time Scales. <i>Reviews of Geophysics</i> , 2017, 55, 902-937.	9.0	227
220	The Defining Characteristics of ENSO Extremes and the Strong 2015/2016 El Niño. <i>Reviews of Geophysics</i> , 2017, 55, 1079-1129.	9.0	337
221	The memory of ENSO revisited by a factor Gegenbauer process. <i>International Journal of Climatology</i> , 2017, 37, 2295-2303.	1.5	6
222	Habitat compression and expansion of sea urchins in response to changing climate conditions on the California continental shelf and slope (1994–2013). <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 137, 377-389.	0.6	36
223	On the Relationship Between Wind, SST, and the Thermocline in the Seychelles–Chagos Thermocline Ridge. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2017, 14, 2315-2319.	1.4	6
224	Climate change and the MJO: A vertically resolved weak temperature gradient analysis. <i>Journal of Advances in Modeling Earth Systems</i> , 2017, 9, 307-331.	1.3	42
225	Estimates of the mutual influence of variations in the sea surface temperature in tropical latitudes of the Pacific, Atlantic, and Indian Oceans from long-period data series. <i>Izvestiya - Atmospheric and Oceanic Physics</i> , 2017, 53, 613-623.	0.2	3
226	Características da Atmosfera na Primavera Austral Durante o El Niño de 2015/2016. <i>Revista Brasileira De Meteorologia</i> , 2017, 32, 293-310.	0.2	15
227	Pacific multi-decadal oscillation modulates the effect of Arctic oscillation and El Niño southern oscillation on the East Asian winter monsoon. <i>International Journal of Climatology</i> , 2018, 38, 2808-2818.	1.5	11
228	El Niño–Southern Oscillation and its impact in the changing climate. <i>National Science Review</i> , 2018, 5, 840-857.	4.6	147
229	Balloon-borne tropospheric CO ₂ observations over the equatorial eastern and western Pacific. <i>Atmospheric Environment</i> , 2018, 184, 24-36.	1.9	12
230	Unusually warm Indian Ocean sea surface temperatures help to arrest development of El Niño in 2014. <i>Scientific Reports</i> , 2018, 8, 2249.	1.6	20
231	Influence of Global Warming on Western North Pacific Tropical Cyclone Intensities during 2015. <i>Journal of Climate</i> , 2018, 31, 919-925.	1.2	14
232	Interannual Variability of Regional Hadley Circulation Intensity Over Western Pacific During Boreal Winter and Its Climatic Impact Over Asia–Australia Region. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 344-366.	1.2	31
233	Impact of the El Niño–Southern Oscillation on the climate of Iran using ERA-Interim data. <i>Climate Dynamics</i> , 2018, 51, 2897-2911.	1.7	46
234	A new index for identifying different types of El Niño Modoki events. <i>Climate Dynamics</i> , 2018, 50, 2753-2765.	1.7	34
235	Role of the meridional dipole of SSTA and associated cross-equatorial flow in the tropical eastern Pacific in terminating the 2014 El Niño development. <i>Climate Dynamics</i> , 2018, 50, 1625-1638.	1.7	18

#	ARTICLE	IF	CITATIONS
236	Teleconnection of atmospheric and oceanic climate anomalies with Australian weather patterns: a review of data availability. <i>Earth-Science Reviews</i> , 2018, 176, 117-146.	4.0	10
237	Correlations Between Extreme Atmospheric Hazards and Global Teleconnections: Implications for Multihazard Resilience. <i>Reviews of Geophysics</i> , 2018, 56, 50-78.	9.0	44
238	Role of the Atlantic Multidecadal Variability in modulating the climate response to a Pinatubo-like volcanic eruption. <i>Climate Dynamics</i> , 2018, 51, 1863-1883.	1.7	10
239	Towards multi-resolution global climate modeling with ECHAM6-FESOM. Part II: climate variability. <i>Climate Dynamics</i> , 2018, 50, 2369-2394.	1.7	59
240	A Timely El Niño-Southern Oscillation Forecast Method Based on Daily Niño Index to Ensure Food Security. , 2018, , .		1
241	The seasonal relationship between intraseasonal tropical variability and ENSO in CMIP5. <i>Geoscientific Model Development</i> , 2018, 11, 2373-2392.	1.3	11
242	Understanding and predicting variation in tropical and coastal ocean upwelling. <i>Oceanography in Japan</i> , 2018, 27, 141-154.	0.5	0
243	Western U.S. lake expansions during Heinrich stadials linked to Pacific Hadley circulation. <i>Science Advances</i> , 2018, 4, eaav0118.	4.7	42
244	Possible Relationship of Weakened Aleutian Low with Air Quality Improvement in Seoul, South Korea. <i>Journal of Applied Meteorology and Climatology</i> , 2018, 57, 2363-2373.	0.6	16
245	The changing validity of tropical cyclone warnings under global warming. <i>Npj Climate and Atmospheric Science</i> , 2018, 1, .	2.6	5
246	Characterization of Dry Conditions across the U.S.-Affiliated Pacific Islands during Near-Neutral ENSO Phases. <i>Journal of Climate</i> , 2018, 31, 6461-6480.	1.2	5
247	The Hadley Circulation Regime Change: Combined Effect of the Western Pacific Warming and Increased ENSO Amplitude. <i>Journal of Climate</i> , 2018, 31, 9739-9751.	1.2	9
248	Advancing Science and Services during the 2015/16 El Niño: The NOAA El Niño Rapid Response Field Campaign. <i>Bulletin of the American Meteorological Society</i> , 2018, 99, 975-1001.	1.7	23
249	The Radiative Feedback During the ENSO Cycle: Observations Versus Models. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 9097-9108.	1.2	10
250	Atmospheric Response to SST Anomalies. Part I: Background-State Dependence, Teleconnections, and Local Effects in Winter. <i>Journals of the Atmospheric Sciences</i> , 2018, 75, 4107-4124.	0.6	27
251	ENSO Transition Asymmetry: Internal and External Causes and Intermodel Diversity. <i>Geophysical Research Letters</i> , 2018, 45, 5095-5104.	1.5	31
252	A Role for the Equatorial Undercurrent in the Ocean Dynamical Thermostat. <i>Journal of Climate</i> , 2018, 31, 6245-6261.	1.2	27
253	Significant Role of Orography in Shaping the Northern Hadley Circulation and Its Poleward Expansion During Boreal Summer. <i>Geophysical Research Letters</i> , 2018, 45, 6619-6627.	1.5	9

#	ARTICLE	IF	CITATIONS
254	Idealized Experiments for Optimizing Model Parameters Using a 4D-Variational Method in an Intermediate Coupled Model of ENSO. <i>Advances in Atmospheric Sciences</i> , 2018, 35, 410-422.	1.9	15
255	Influence of solar wind energy flux on the interannual variability of ENSO in the subsequent year. <i>Atmospheric and Oceanic Science Letters</i> , 2018, 11, 165-172.	0.5	8
256	An Overview of Interactions and Feedbacks Between Ice Sheets and the Earth System. <i>Reviews of Geophysics</i> , 2018, 56, 361-408.	9.0	58
257	What makes protracted El Niño to last longer than canonical El Niño?. <i>Theoretical and Applied Climatology</i> , 2019, 136, 587-603.	1.3	2
258	Regional-scale ocean wave variability associated with El Niño-Southern Oscillation-Madden-Julian Oscillation combined activity. <i>International Journal of Climatology</i> , 2019, 39, 483-494.	1.5	8
259	Pacific island regional preparedness for El Niño. <i>Environment, Development and Sustainability</i> , 2019, 21, 405-428.	2.7	14
260	Frequency of extreme El Niño and La Niña events under global warming. <i>Climate Dynamics</i> , 2019, 53, 5799-5813.	1.7	30
261	Multi-source forcing effects analysis using Liang-Kleeman information flow method and the community atmosphere model (CAM4.0). <i>Climate Dynamics</i> , 2019, 53, 6035-6053.	1.7	22
262	Recent Strengthening of the Regional Hadley Circulation over the Western Pacific during Boreal Spring. <i>Advances in Atmospheric Sciences</i> , 2019, 36, 1251-1264.	1.9	17
265	Earth's Climate System. , 2019, , 1-18.		0
266	Climate Analysis. , 2019, , 19-39.		0
267	Climate Analysis. , 2019, , 40-63.		0
268	Climate Variability. , 2019, , 64-103.		0
272	Ocean Climate Datasets. , 2019, , 168-188.		0
273	Cryosphere. , 2019, , 189-208.		0
274	Land Component of the Climate System. , 2019, , 209-233.		0
275	Climate Models as Information Sources and Analysis Tools. , 2019, , 234-249.		0
276	Operational Climate Monitoring and Prediction. , 2019, , 250-282.		0

#	ARTICLE	IF	CITATIONS
283	Summertime variability of the western North Pacific subtropical high and its synoptic influences on the East Asian weather. <i>Scientific Reports</i> , 2019, 9, 7865.	1.6	37
284	The Eurasian Jet Streams as Conduits for East Asian Monsoon Variability. <i>Current Climate Change Reports</i> , 2019, 5, 233-244.	2.8	60
285	100 Years of Progress in Ocean Observing Systems. <i>Meteorological Monographs</i> , 2019, 59, 3.1-3.46.	5.0	15
286	Mid-latitude source of the ENSO-spread in SINTEX-F ensemble predictions. <i>Climate Dynamics</i> , 2019, 52, 2613-2630.	1.7	14
287	50 Years of Satellite Remote Sensing of the Ocean. <i>Meteorological Monographs</i> , 2019, 59, 5.1-5.46.	5.0	24
288	Impacts of April snow cover extent over Tibetan Plateau and the central Eurasia on Indian Ocean Dipole. <i>International Journal of Climatology</i> , 2019, 39, 1756-1767.	1.5	10
289	The contribution of super typhoons to tropical cyclone activity in response to ENSO. <i>Scientific Reports</i> , 2019, 9, 5046.	1.6	14
290	Seasonal predictability of European summer climate re-assessed. <i>Climate Dynamics</i> , 2019, 53, 3039-3056.	1.7	15
291	Southeastern China Boreal Winter Precipitation Anomalies are Dependent on Intensity of El Niño. <i>Scientific Reports</i> , 2019, 9, 17410.	1.6	8
292	Remote and local influences in forecasting Pacific SST: a linear inverse model and a multimodel ensemble study. <i>Climate Dynamics</i> , 2019, 52, 3183-3201.	1.7	20
293	Weak El Niño and Winter Climate in the Mid- to High Latitudes of Eurasia. <i>Journal of Climate</i> , 2019, 32, 405-421.	1.2	13
294	Atmospheric energetics over the tropical Indian Ocean during Indian Ocean dipole events. <i>Climate Dynamics</i> , 2019, 52, 6243-6256.	1.7	6
295	Extreme El Niño Events. , 2019, , 165-201.		6
296	Influence of Westerly Wind Events stochasticity on El Niño amplitude: the case of 2014 vs. 2015. <i>Climate Dynamics</i> , 2019, 52, 7435-7454.	1.7	35
297	Modulation of equatorial Pacific sea surface temperature response to westerly wind events by the oceanic background state. <i>Climate Dynamics</i> , 2019, 52, 7267-7291.	1.7	13
298	Impacts of the El Niño-Southern Oscillation (ENSO) on Paddy Production in Southeast Asia. <i>Climate and Development</i> , 2020, 12, 636-648.	2.2	5
299	Impact of Tropical Initial Water Vapor from MT-SAPHIR Observations on Medium-Range Forecasts Using the KMA Operational Model. <i>Asia-Pacific Journal of Atmospheric Sciences</i> , 2020, 56, 397-409.	1.3	0
300	Impact of Rossby wave breaking on ozone variation in the upper troposphere and lower stratosphere, 1985-2015. <i>Atmospheric Environment</i> , 2020, 222, 117122.	1.9	4

#	ARTICLE	IF	CITATIONS
302	Fokkerâ€“Planck dynamics of the El NiÃ±o-Southern Oscillation. <i>Scientific Reports</i> , 2020, 10, 16282.	1.6	9
303	The Pacificâ€“Indian Ocean associated mode in CMIP5 models. <i>Ocean Science</i> , 2020, 16, 469-482.	1.3	5
304	Impact of Fake Below-Ground Meridional Wind on Hadley Circulation: Climatology, Interannual Variability, and Long-Term Trends. <i>Atmosphere</i> , 2020, 11, 446.	1.0	0
305	On the discrepancies in the changes in the annual mean Hadley circulation among different regions and between CMIP5 models and reanalyses. <i>Theoretical and Applied Climatology</i> , 2020, 141, 1475-1491.	1.3	8
306	A global-scale multidecadal variability driven by Atlantic multidecadal oscillation. <i>National Science Review</i> , 2020, 7, 1190-1197.	4.6	35
308	Distinguishing Characteristics of Spring and Summer Onset El NiÃ±o Events. <i>Journal of Climate</i> , 2020, 33, 4579-4597.	1.2	8
309	How Robust is the Asian Precipitationâ€“ENSO Relationship during the Industrial Warming Period (1901â€“2017)?. <i>Journal of Climate</i> , 2020, 33, 2779-2792.	1.2	43
310	Climate impacts of the El NiÃ±oâ€“Southern Oscillation on South America. <i>Nature Reviews Earth & Environment</i> , 2020, 1, 215-231.	12.2	318
311	Coral-based proxy calibrations constrain ENSO-driven sea surface temperature and salinity gradients in the Western Pacific Warm Pool. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 561, 110037.	1.0	5
312	Quantifying the energetic feedbacks in ENSO. <i>Climate Dynamics</i> , 2021, 56, 139-153.	1.7	3
313	A teleconnection between sea surface temperature in the central and eastern Pacific and wintertime haze variations in southern China. <i>Theoretical and Applied Climatology</i> , 2021, 143, 349-359.	1.3	3
314	Northern poleward edge of regional Hadley cell over western Pacific during boreal winter: year-to-year variability, influence factors and associated winter climate anomalies. <i>Climate Dynamics</i> , 2021, 56, 3643-3664.	1.7	8
315	Climate Patterns: Origin and Forcing. <i>American Journal of Climate Change</i> , 2021, 10, 204-236.	0.5	1
316	River Nile discharge, the Pacific Ocean and world climate â€“ a seasonal synchronization perspective. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 73, 1947551.	0.8	4
317	The tropical oceans, interannual climate variability, and ecosystem adaptation. , 2021, , 189-239.		0
318	Impact of equatorial Atlantic variability on ENSO predictive skill. <i>Nature Communications</i> , 2021, 12, 1612.	5.8	20
319	Identification of atmospheric and oceanic teleconnection patterns in a 20-year global data set of the atmospheric water vapour column measured from satellites in the visible spectral range. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 5315-5353.	1.9	4
320	Impacts of teleconnection patterns on South America climate. <i>Annals of the New York Academy of Sciences</i> , 2021, 1504, 116-153.	1.8	44

#	ARTICLE	IF	CITATIONS
321	Information Entropy as Quantifier of Potential Predictability in the Tropical Indo-Pacific Basin. <i>Frontiers in Climate</i> , 2021, 3, .	1.3	2
322	Origin of Sustained Continuous Measurements of Surface Wind and Upper-Ocean Current and Temperature on the Pacific Equator: EQUA Project. <i>Bulletin of the American Meteorological Society</i> , 2021, 102, E1862-E1877.	1.7	1
323	Reexamining the connection of <scp>El Niño and North American</scp> winter climate. <i>International Journal of Climatology</i> , 2021, 41, 6133-6144.	1.5	5
324	Comparative Analysis of Two Approaches for Correcting the Systematic Ocean Temperature Bias of CAS-ESM-C. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 925.	1.2	1
325	The zonal gradient structures of wintertime SST anomalies in the equatorial Pacific and their connection to the Walker circulation. <i>Climate Dynamics</i> , 0, , 1.	1.7	2
326	Relationships between large-scale climate modes and the South Atlantic Ocean wave climate. <i>Progress in Oceanography</i> , 2021, 197, 102660.	1.5	9
327	Assessment of ENSO risks to support transportation resilience. <i>Progress in Disaster Science</i> , 2021, 12, 100196.	1.4	3
328	Effect of the El Niño Decaying Pace on the East Asian Summer Monsoon Circulation Pattern during Post-El Niño Summers. <i>Atmosphere</i> , 2021, 12, 140.	1.0	6
329	Progress from TRMM to GPM. <i>Journal of the Meteorological Society of Japan</i> , 2021, 99, 697-729.	0.7	11
330	â€œFlowering Walnuts in the Woodâ€and Other Bases for Seasonal Climate Forecasting. , 2008, , 13-29.		3
331	Advances in Numerical Prediction of the Atmospheric Circulation in the Extratropics. , 1990, , 193-220.		4
332	Globale Energiebilanz und Klimaschwankungen. , 1973, , 75-117.		1
334	Indian Ocean Variability and Interactions. , 2020, , 153-185.		2
337	<i>Climatology</i> . , 2003, , 52-149.		5
338	Observational studies. , 2003, , 150-285.		4
339	Theoretical investigations. , 2003, , 286-404.		6
340	Forecasting of polar lows. , 2003, , 501-574.		2
341	Conclusions and future research needs. , 2003, , 575-579.		1

#	ARTICLE	IF	CITATIONS
343	A simple ocean-atmosphere coupled model for the origin of a warm El Niño Southern Oscillation event. Philosophical Transactions of the Royal Society A, 1989, 329, 225-236.	1.3	31
344	Representation of the Equatorial Undercurrent in CMIP5 Models. Journal of Physical Oceanography, 2020, 50, 2997-3007.	0.7	3
345	Condições Atmosféricas Associadas a Eventos de Ressaca no Litoral Sul e do Sudeste do Brasil durante o El Niño 2015/2016. Revista Brasileira De Meteorologia, 2019, 34, 529-544.	0.2	5
346	Impact of El Niño on the East Asian Monsoon. Journal of the Meteorological Society of Japan, 1996, 74, 49-62.	0.7	680
347	Zonal anomaly of sea surface temperature in equatorial Indian ocean and its possible effect upon monsoon Circulation. Tellus, 2022, 22, 403.	0.4	35
348	Mean cloud distributions over tropical oceans. Tellus, 2022, 23, 183.	0.4	9
349	On spectra and coherence of tropical climate anomalies. Tellus, 2022, 33, 453.	0.4	30
350	An examination of midlatitude power spectra: evidence for standing variance and the signature of El Niño. Tellus, Series A: Dynamic Meteorology and Oceanography, 1989, 41, 371-384.	0.8	7
351	A review of tropical ocean-atmosphere interactions. Tellus, Series A: Dynamic Meteorology and Oceanography, 2022, 51, 71.	0.8	7
352	A review of tropical ocean-atmosphere interactions. Tellus, Series B: Chemical and Physical Meteorology, 1999, 51, 71-90.	0.8	14
355	El Niño - related precipitation variability in Peru. Advances in Geosciences, 0, 14, 231-237.	12.0	81
358	Variability of surface climate in simulations of past and future. Earth System Dynamics, 2020, 11, 447-468.	2.7	21
359	Assessing Peak Warming of SST over Equatorial Eastern Pacific Ocean. Journal of the Meteorological Society of Japan, 2000, 78, 279-288.	0.7	0
360	Chaos and instability. , 2002, , 279-287.		0
362	Numerical simulation. , 2003, , 405-500.		0
365	Perturbed solution for a class of ENSOdelayed sea-air oscillator. Wuli Xuebao/Acta Physica Sinica, 2011, 60, 030204.	0.2	2
366	The solutions for disturbed El Niño/La Niña-southern oscillation model. Wuli Xuebao/Acta Physica Sinica, 2011, 60, 010201.	0.2	3
367	The asymptotic solving method of traveling wave solution to a class of sea-air coupled oscillator model. Wuli Xuebao/Acta Physica Sinica, 2012, 61, 120201.	0.2	2

#	ARTICLE	IF	CITATIONS
368	Preliminary analyses on characteristics of sea surface temperatures in Kuroshio and its extension and relations to atmospheric circulations. Wuli Xuebao/Acta Physica Sinica, 2012, 61, 169201.	0.2	4
369	Characteristics of information transfer of interaction between Mid and low-latitudes atmosphere. Wuli Xuebao/Acta Physica Sinica, 2014, 63, 029202.	0.2	0
370	Globale Energiebilanz und Klimaschwankungen. , 1973, , 75-124.		0
371	Interannual Variability of the Atmosphere-Ocean System. , 1985, , 253-329.		1
372	SYNOPTIC MODEL FOR THE LARGE-SCALE COLD OUTBREAKS IN EAST ASIA. Chirigaku Hyoron, 1986, 59, 1-17.	0.0	1
374	Biogeochemical Evolution. , 1989, , 342-392.		0
376	El Niño Southern Oscillation (ENSO). Encyclopedia of Earth Sciences Series, 2018, , 1-6.	0.1	0
377	El Niño Southern Oscillation (ENSO). Encyclopedia of Earth Sciences Series, 2019, , 748-754.	0.1	0
379	Model Biases in the Simulation of the Springtime North Pacific ENSO Teleconnection. Journal of Climate, 2020, 33, 9985-10002.	1.2	9
381	Variability of the Oceans. , 2020, , 1-53.		2
382	Teleconnections in the Atmosphere. , 2020, , 54-88.		2
383	Atmosphere-Ocean Interactions. , 2020, , 89-119.		2
384	Interacting Interannual Variability of the Pacific and Atlantic Oceans. , 2020, , 120-152.		2
385	The Arctic Mediterranean. , 2020, , 186-215.		1
386	Combined Oceanic Influences on Continental Climates. , 2020, , 216-257.		2
387	Basin Interactions and Predictability. , 2020, , 258-292.		3
388	Climate Change and Impacts on Variability and Interactions. , 2020, , 293-337.		0
390	The Frequency of Rare Cyclones in the Eastern Mediterranean and Northeastern Africa as a Sign of Climate Change Using Satellite Imagery, Climate Data Models and GIS-Based Analysis. Climate Change Management, 2022, , 45-83.	0.6	1

#	ARTICLE	IF	CITATIONS
391	Seasonal Temperature Extremes in the North Eurasian Regions Depending on ENSO Phase Transitions. <i>Atmosphere</i> , 2022, 13, 249.	1.0	3
392	Barotropic energy conversion during Indian summer monsoon: implication of Central Indian Ocean Mode Simulation in CMIP6. <i>Climate Dynamics</i> , 2022, 58, 3187-3206.	1.7	4
393	Advances and challenges in climate modeling. <i>Climatic Change</i> , 2022, 170, 1.	1.7	26
394	Effect of large-scale oceanic and atmospheric processes on the Indian summer monsoon. <i>Theoretical and Applied Climatology</i> , 2022, 147, 1561-1576.	1.3	6
395	The Zonal Wind Intraseasonal Oscillation in the Exit Region of the East Asian Subtropical Westerly Jet in Winter and Its Thermodynamic Mechanism. <i>Atmosphere</i> , 2022, 13, 395.	1.0	1
396	Climate Variability. Part II: Interannual to Interdecadal Variability. , 2022, , 42-98.		0
397	Tropical Thermodynamic Convection Coupling in Observations and Reanalyses. <i>Journals of the Atmospheric Sciences</i> , 2022, 79, 1781-1803.	0.6	2
398	Persistent Discrepancies between Observed and Modeled Trends in the Tropical Pacific Ocean. <i>Journal of Climate</i> , 2022, 35, 4571-4584.	1.2	39
399	Probing the timescale dependency of local and global variations in surface air temperature from climate simulations and reconstructions of the last millennia. <i>Physical Review E</i> , 2021, 104, 064136.	0.8	5
400	Changes in the Frequency of Phase Transitions of Different Types of El Niño Phenomena in Recent Decades. <i>Izvestiya - Atmospheric and Oceanic Physics</i> , 2022, 58, 1-6.	0.2	7
401	The multifaceted history of the Walker Circulation during the Plio-Pleistocene. <i>Quaternary Science Reviews</i> , 2022, 286, 107529.	1.4	8
402	Linkage of Strong Intraseasonal Events of the East Asian Winter Monsoon to the Tropical Convections over the Western Pacific. <i>Remote Sensing</i> , 2022, 14, 2993.	1.8	1
403	Dynamic Neuro-Fuzzy Systems for Forecasting El Niño Southern Oscillation (ENSO) Using Oceanic and Continental Climate Parameters as Inputs. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 1161.	1.2	1
404	Mechanisms behind the Springtime North Pacific ENSO Teleconnection Bias in Climate Models. <i>Journal of Climate</i> , 2022, 35, 7691-7710.	1.2	2
405	Multiyear ENSO Dynamics as Revealed in Observations, Climate Model Simulations, and the Linear Recharge Oscillator. <i>Journal of Climate</i> , 2022, 35, 7625-7642.	1.2	4
406	Forcing for Multidecadal Surface Solar Radiation Trends Over Northern Hemisphere Continents. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	3
407	The Amplitude-Frequency Features of Different El Niño Types and Their Changes in Recent Decades. <i>Moscow University Physics Bulletin (English Translation of Vestnik Moskovskogo Universiteta)</i> , Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 97		
408	Heavy Precipitation over the Jing-Jin-Ji Region in Early October: What Controls Its Interannual Variability?. <i>Journal of Meteorological Research</i> , 2022, 36, 586-600.	0.9	0

#	ARTICLE	IF	CITATIONS
410	La Niña Came to Eden. Bulletin of the American Meteorological Society, 2022, 103, E2862-E2877.	1.7	0
411	Climate Conversations: A One Day Virtual Symposium on the Impact That Climate Change Has on the African Diaspora. , 0, , .		1
412	Seasonal Sea Level Information and Flood Forecast Potential in Bangladesh. Disaster Risk Reduction, 2022, , 133-153.	0.2	0
413	Seasonal Flood Potential in Bangladesh. Disaster Risk Reduction, 2022, , 113-132.	0.2	0
414	Equatorial Pacific pCO ₂ Interannual Variability in CMIP6 Models. Journal of Geophysical Research G: Biogeosciences, 2022, 127, .	1.3	1
415	Climate processes and drivers in the Pacific and global warming: a review for informing Pacific planning agencies. Climatic Change, 2023, 176, .	1.7	2
416	A rainfall trend analysis for the assessment of climate change in Friuli-Venezia Giulia (north-eastern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.6	1
417	Relationships between the Hadley circulation and tropical sea surface temperature with different meridional structures simulated in CMIP6 models. Frontiers in Marine Science, 0, 10, .	1.2	1
421	El Niño and the Southern Oscillation. Springer Atmospheric Sciences, 2023, , 157-195.	0.4	0