

# Chunzai Wang

## List of Publications by Year in descending order

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164  
papers

10,101  
citations

34076

52  
h-index

40954

93  
g-index

167  
all docs

167  
docs citations

167  
times ranked

7232  
citing authors

#	ARTICLE	IF	CITATIONS
1	A global perspective on CMIP5 climate model biases. <i>Nature Climate Change</i> , 2014, 4, 201-205.	8.1	499
2	Understanding El Niño in Ocean-Atmosphere General Circulation Models: Progress and Challenges. <i>Bulletin of the American Meteorological Society</i> , 2009, 90, 325-340.	1.7	455
3	A Western Pacific Oscillator Paradigm for the El Niño-Southern Oscillation. <i>Geophysical Research Letters</i> , 1997, 24, 779-782.	1.5	306
4	The Tropical Western Hemisphere Warm Pool. <i>Geophysical Research Letters</i> , 2001, 28, 1635-1638.	1.5	298
5	A U.S. CLIVAR Project to Assess and Compare the Responses of Global Climate Models to Drought-Related SST Forcing Patterns: Overview and Results. <i>Journal of Climate</i> , 2009, 22, 5251-5272.	1.2	282
6	ENSO variability and the eastern tropical Pacific: A review. <i>Progress in Oceanography</i> , 2006, 69, 239-266.	1.5	261
7	Influences of the Atlantic Warm Pool on Western Hemisphere Summer Rainfall and Atlantic Hurricanes. <i>Journal of Climate</i> , 2006, 19, 3011-3028.	1.2	249
8	Variability of the Caribbean Low-Level Jet and its relations to climate. <i>Climate Dynamics</i> , 2007, 29, 411-422.	1.7	246
9	Atmospheric Circulation Cells Associated with the El Niño-Southern Oscillation. <i>Journal of Climate</i> , 2002, 15, 399-419.	1.2	235
10	North American Climate in CMIP5 Experiments: Part III: Assessment of Twenty-First-Century Projections*. <i>Journal of Climate</i> , 2014, 27, 2230-2270.	1.2	231
11	Western Pacific interannual variability associated with the El Niño-Southern Oscillation. <i>Journal of Geophysical Research</i> , 1999, 104, 5131-5149.	3.3	210
12	Three-ocean interactions and climate variability: a review and perspective. <i>Climate Dynamics</i> , 2019, 53, 5119-5136.	1.7	207
13	Atlantic Climate Variability and Its Associated Atmospheric Circulation Cells. <i>Journal of Climate</i> , 2002, 15, 1516-1536.	1.2	179
14	A Further Study of the Tropical Western Hemisphere Warm Pool. <i>Journal of Climate</i> , 2003, 16, 1476-1493.	1.2	170
15	Classifying El Niño Modoki I and II by Different Impacts on Rainfall in Southern China and Typhoon Tracks. <i>Journal of Climate</i> , 2013, 26, 1322-1338.	1.2	168
16	A Unified Oscillator Model for the El Niño-Southern Oscillation. <i>Journal of Climate</i> , 2001, 14, 98-115.	1.2	167
17	Multidecadal North Atlantic sea surface temperature and Atlantic meridional overturning circulation variability in CMIP5 historical simulations. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 5772-5791.	1.0	156
18	Interannual variability of the South China Sea associated with El Niño. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	153

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19	Climate Response to Anomalously Large and Small Atlantic Warm Pools during the Summer. <i>Journal of Climate</i> , 2008, 21, 2437-2450.	1.2	153
20	El Niño and Southern Oscillation (ENSO): A Review. <i>Coral Reefs of the World</i> , 2017, , 85-106.	0.3	147
21	Multidecadal Covariability of North Atlantic Sea Surface Temperature, African Dust, Sahel Rainfall, and Atlantic Hurricanes. <i>Journal of Climate</i> , 2012, 25, 5404-5415.	1.2	144
22	Understanding Enso Physics-A Review. <i>Geophysical Monograph Series</i> , 0, , 21-48.	0.1	132
23	North American Climate in CMIP5 Experiments. Part II: Evaluation of Historical Simulations of Intraseasonal to Decadal Variability. <i>Journal of Climate</i> , 2013, 26, 9247-9290.	1.2	124
24	The record-breaking cold temperatures during the winter of 2009/2010 in the Northern Hemisphere. <i>Atmospheric Science Letters</i> , 2010, 11, 161-168.	0.8	121
25	Different impacts of various El Niño events on the Indian Ocean Dipole. <i>Climate Dynamics</i> , 2014, 42, 991-1005.	1.7	119
26	The 1997-98 El Niño Evolution Relative to Previous El Niño Events. <i>Journal of Climate</i> , 2000, 13, 488-501.	1.2	117
27	Atlantic warm pool, Caribbean low-level jet, and their potential impact on Atlantic hurricanes. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	113
28	A Simple Atmospheric Model of the Local and Teleconnection Responses to Tropical Heating Anomalies. <i>Journal of Climate</i> , 2009, 22, 272-284.	1.2	111
29	Atlantic Warm Pool acting as a link between Atlantic Multidecadal Oscillation and Atlantic tropical cyclone activity. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	1.0	110
30	Seasonal modulations of different impacts of two types of ENSO events on tropical cyclone activity in the western North Pacific. <i>Climate Dynamics</i> , 2013, 40, 2887-2902.	1.7	102
31	An overlooked feature of tropical climate: Inter-Pacific-Atlantic variability. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	99
32	Impact of the Atlantic Warm Pool on the Summer Climate of the Western Hemisphere. <i>Journal of Climate</i> , 2007, 20, 5021-5040.	1.2	94
33	Teleconnections of the tropical Atlantic to the tropical Indian and Pacific Oceans: A review of recent findings. <i>Meteorologische Zeitschrift</i> , 2009, 18, 445-454.	0.5	94
34	On the Relationship between the North Pacific Climate Variability and the Central Pacific El Niño. <i>Journal of Climate</i> , 2015, 28, 663-677.	1.2	92
35	Slow Variability in the Equatorial West-Central Pacific in Relation to ENSO. <i>Journal of Climate</i> , 1997, 10, 1998-2017.	1.2	89
36	Why do some El Niños have no impact on tropical North Atlantic SST?. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	87

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37	On the relationship between ENSO and tropical cyclones in the western North Pacific during the boreal summer. <i>Climate Dynamics</i> , 2019, 52, 275-288.	1.7	87
38	Teleconnected influence of North Atlantic sea surface temperature on the El Niño onset. <i>Climate Dynamics</i> , 2011, 37, 663-676.	1.7	83
39	Multidecadal Variability of Tropical Cyclone Rapid Intensification in the Western North Pacific. <i>Journal of Climate</i> , 2015, 28, 3806-3820.	1.2	78
40	Winter Northern Hemisphere surface air temperature variability associated with the Arctic Oscillation and North Atlantic Oscillation. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	76
41	ENSO, Atlantic Climate Variability, and the Walker and Hadley Circulations. <i>Advances in Global Change Research</i> , 2004, , 173-202.	1.6	73
42	A review of ENSO theories. <i>National Science Review</i> , 2018, 5, 813-825.	4.6	70
43	Co-variability of tropical cyclones in the North Atlantic and the eastern North Pacific. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	68
44	Impact of the Atlantic warm pool on United States landfalling hurricanes. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	67
45	Is There an Optimal ENSO Pattern That Enhances Large-Scale Atmospheric Processes Conducive to Tornado Outbreaks in the United States?. <i>Journal of Climate</i> , 2013, 26, 1626-1642.	1.2	66
46	Variations in Summer Marine Heatwaves in the South China Sea. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017792.	1.0	66
47	Multidecadal Ocean Temperature and Salinity Variability in the Tropical North Atlantic: Linking with the AMO, AMOC, and Subtropical Cell. <i>Journal of Climate</i> , 2013, 26, 6137-6162.	1.2	65
48	What caused the significant increase in Atlantic Ocean heat content since the mid-20th century?. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	62
49	Interdecadal modulation on the relationship between ENSO and typhoon activity during the late season in the western North Pacific. <i>Climate Dynamics</i> , 2016, 47, 315-328.	1.7	61
50	Effects of the diurnal cycle in solar radiation on the tropical Indian Ocean mixed layer variability during wintertime Madden-Julian Oscillations. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 4945-4964.	1.0	60
51	Recent Acceleration of Arabian Sea Warming Induced by the Atlantic-Western Pacific Trans-basin Multidecadal Variability. <i>Geophysical Research Letters</i> , 2019, 46, 1662-1671.	1.5	59
52	Seawater density variations in the North Atlantic and the Atlantic meridional overturning circulation. <i>Climate Dynamics</i> , 2010, 34, 953-968.	1.7	58
53	Spring persistence, transition, and resurgence of El Niño. <i>Geophysical Research Letters</i> , 2014, 41, 8578-8585.	1.5	57
54	The effects of oceanic barrier layer on the upper ocean response to tropical cyclones. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 4829-4844.	1.0	57

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55	Influences of three oceans on record-breaking rainfall over the Yangtze River Valley in June 2020. <i>Science China Earth Sciences</i> , 2021, 64, 1607-1618.	2.3	57
56	US regional tornado outbreaks and their links to spring ENSO phases and North Atlantic SST variability. <i>Environmental Research Letters</i> , 2016, 11, 044008.	2.2	56
57	On the ENSO Mechanisms. <i>Advances in Atmospheric Sciences</i> , 2001, 18, 674-691.	1.9	53
58	How are large western hemisphere warm pools formed?. <i>Progress in Oceanography</i> , 2006, 70, 346-365.	1.5	53
59	Interhemispheric Influence of the Atlantic Warm Pool on the Southeastern Pacific. <i>Journal of Climate</i> , 2010, 23, 404-418.	1.2	52
60	Impact of intraseasonal oscillation on the tropical cyclone track in the South China Sea. <i>Climate Dynamics</i> , 2015, 44, 1505-1519.	1.7	51
61	Impact of Heating Anomalies Associated with Rainfall Variations over the Indo-Western Pacific on Asian Atmospheric Circulation in Winter. <i>Climate Dynamics</i> , 2013, 40, 2023-2033.	1.7	49
62	Unusual Rainfall in Southern China in Decaying August during Extreme El Niño 2015/16: Role of the Western Indian Ocean and North Tropical Atlantic SST. <i>Journal of Climate</i> , 2018, 31, 7019-7034.	1.2	47
63	A stable Atlantic Meridional Overturning Circulation in a changing North Atlantic Ocean since the 1990s. <i>Science Advances</i> , 2020, 6, .	4.7	47
64	Variability of tropical cyclone rapid intensification in the North Atlantic and its relationship with climate variations. <i>Climate Dynamics</i> , 2017, 49, 3627-3645.	1.7	45
65	Indian Ocean Dipole Modes Associated with Different Types of ENSO Development. <i>Journal of Climate</i> , 2017, 30, 2233-2249.	1.2	43
66	Evidence of climate-driven ecosystem reorganization in the Gulf of Mexico. <i>Global Change Biology</i> , 2015, 21, 2554-2568.	4.2	41
67	Evaluation of performance of CMIP5 models in simulating the North Pacific Oscillation and El Niño Modoki. <i>Climate Dynamics</i> , 2019, 52, 1383-1394.	1.7	41
68	Influence of tropical cyclones on seasonal ocean circulation in the South China Sea. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	40
69	Interdecadal Variability of the Eastward Current in the South China Sea Associated with the Summer Asian Monsoon. <i>Journal of Climate</i> , 2010, 23, 6115-6123.	1.2	40
70	Impacts of non-canonical El Niño patterns on Atlantic hurricane activity. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	39
71	Springtime ENSO phase evolution and its relation to rainfall in the continental U.S.. <i>Geophysical Research Letters</i> , 2014, 41, 1673-1680.	1.5	39
72	Different Responses of Sea Surface Temperature in the South China Sea to Various El Niño Events during Boreal Autumn. <i>Journal of Climate</i> , 2016, 29, 1127-1142.	1.2	39

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73	Interhemispheric Influence of the Northern Summer Monsoons on Southern Subtropical Anticyclones. <i>Journal of Climate</i> , 2013, 26, 10193-10204.	1.2	37
74	Large-Scale Oceanic Variability Associated with the Madden-Julian Oscillation during the CINDY/DYNAMO Field Campaign from Satellite Observations. <i>Remote Sensing</i> , 2013, 5, 2072-2092.	1.8	37
75	Potential impact of the Pacific Decadal Oscillation and sea surface temperature in the tropical Indian Oceanâ€™Western Pacific on the variability of typhoon landfall on the China coast. <i>Climate Dynamics</i> , 2018, 51, 2695-2705.	1.7	37
76	Causes of the Extreme Hot Midsummer in Central and South China during 2017: Role of the Western Tropical Pacific Warming. <i>Advances in Atmospheric Sciences</i> , 2019, 36, 465-478.	1.9	37
77	Intensification of the Southern Hemisphere summertime subtropical anticyclones in a warming climate. <i>Geophysical Research Letters</i> , 2013, 40, 5959-5964.	1.5	36
78	Revisiting the Wintertime Intraseasonal SST Variability in the Tropical South Indian Ocean: Impact of the Ocean Interannual Variation*. <i>Journal of Physical Oceanography</i> , 2014, 44, 1886-1907.	0.7	36
79	A Global Survey of Ocean-Atmosphere Interaction and Climate Variability. <i>Geophysical Monograph Series</i> , 0, , 1-19.	0.1	35
80	A new index for identifying different types of El NiÃ±o Modoki events. <i>Climate Dynamics</i> , 2018, 50, 2753-2765.	1.7	34
81	Global warming and United States landfalling hurricanes. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	33
82	Interactions among the winter monsoon, ocean eddy and ocean thermal front in the South China Sea. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	33
83	Effects of the Wind Speedâ€™Evaporationâ€™SST Feedback on the El NiÃ±oâ€™Southern Oscillation. <i>Journals of the Atmospheric Sciences</i> , 1999, 56, 1391-1403.	0.6	32
84	What Drives the Seasonal Onset and Decay of the Western Hemisphere Warm Pool?. <i>Journal of Climate</i> , 2007, 20, 2133-2146.	1.2	32
85	Atlantic Warm Pool Variability in the CMIP5 Simulations. <i>Journal of Climate</i> , 2013, 26, 5315-5336.	1.2	30
86	On the Atmospheric Responses to Tropical Pacific Heating during the Mature Phase of El NiÃ±o. <i>Journals of the Atmospheric Sciences</i> , 2000, 57, 3767-3781.	0.6	29
87	On the impact of central Pacific warming events on Atlantic tropical storm activity. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	28
88	The 2020 Summer Floods and 2020/21 Winter Extreme Cold Surges in China and the 2020 Typhoon Season in the Western North Pacific. <i>Advances in Atmospheric Sciences</i> , 2021, 38, 896-904.	1.9	28
89	On the â€™Slow Modeâ€™Mechanism in ENSO-Related Coupled Oceanâ€™Atmosphere Models. <i>Journal of Climate</i> , 1994, 7, 1657-1667.	1.2	26
90	Response of Freshwater Flux and Sea Surface Salinity to Variability of the Atlantic Warm Pool. <i>Journal of Climate</i> , 2013, 26, 1249-1267.	1.2	26

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91	The Intra-Americas Springtime Sea Surface Temperature Anomaly Dipole as Fingerprint of Remote Influences. <i>Journal of Climate</i> , 2010, 23, 43-56.	1.2	25
92	Multi-year El Niño events tied to the North Pacific Oscillation. <i>Nature Communications</i> , 2022, 13, .	5.8	25
93	Future Impact of Differential Interbasin Ocean Warming on Atlantic Hurricanes. <i>Journal of Climate</i> , 2011, 24, 1264-1275.	1.2	24
94	Tropical cyclones act to intensify El Niño. <i>Nature Communications</i> , 2019, 10, 3793.	5.8	24
95	Simulation of tropical Pacific and Atlantic Oceans using a HYbrid Coordinate Ocean Model. <i>Ocean Modelling</i> , 2005, 9, 253-282.	1.0	23
96	Modulation of tropical cyclogenesis in the western North Pacific by the quasi-biweekly oscillation. <i>Advances in Atmospheric Sciences</i> , 2016, 33, 1361-1375.	1.9	23
97	Climate variability of the coupled Tropical-Extratropical Ocean-Atmosphere System. <i>Geophysical Research Letters</i> , 1998, 25, 3979-3982.	1.5	22
98	Spatial Pattern and Zonal Shift of the North Atlantic Oscillation. Part I: A Dynamical Interpretation. <i>Journals of the Atmospheric Sciences</i> , 2010, 67, 2805-2826.	0.6	22
99	Indo-Pacific climate during the decaying phase of the 2015/16 El Niño: role of southeast tropical Indian Ocean warming. <i>Climate Dynamics</i> , 2018, 50, 4707-4719.	1.7	22
100	Role of the South China Sea in Southern China rainfall: meridional moisture flux transport. <i>Climate Dynamics</i> , 2021, 56, 2551-2568.	1.7	22
101	Is the basin-wide warming in the North Atlantic Ocean related to atmospheric carbon dioxide and global warming?. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	21
102	The impacts of the summer Asian Jet Stream biases on surface air temperature in mid-eastern China in IPCC AR4 models. <i>International Journal of Climatology</i> , 2013, 33, 265-276.	1.5	21
103	Simulated impacts of two types of ENSO events on tropical cyclone activity in the western North Pacific: large-scale atmospheric response. <i>Climate Dynamics</i> , 2014, 42, 2727-2743.	1.7	20
104	A genesis potential index for western North Pacific tropical cyclones by using oceanic parameters. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 7176-7191.	1.0	20
105	Delayed Advective Oscillation of the Atlantic Thermohaline Circulation. <i>Journal of Climate</i> , 2010, 23, 1254-1261.	1.2	19
106	Atlantic Warm-Pool Variability in the IPCC AR4 CGCM Simulations. <i>Journal of Climate</i> , 2012, 25, 5612-5628.	1.2	19
107	Out-of-phase relationship between tropical cyclones generated locally in the South China Sea and non-locally from the Northwest Pacific Ocean. <i>Climate Dynamics</i> , 2015, 45, 1129-1136.	1.7	19
108	Remote effect of the model cold bias in the tropical North Atlantic on the warm bias in the tropical southeastern Pacific. <i>Journal of Advances in Modeling Earth Systems</i> , 2014, 6, 1016-1026.	1.3	18

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109	Stability of Equatorial Modes in a Simplified Coupled Ocean-Atmosphere Model. <i>Journal of Climate</i> , 1996, 9, 3132-3148.	1.2	17
110	Formation and decay of the spring warm pool in the South China Sea. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	17
111	Influence of parallel computational uncertainty on simulations of the Coupled General Climate Model. <i>Geoscientific Model Development</i> , 2012, 5, 313-319.	1.3	17
112	Effects of tropical cyclones on large-scale circulation and ocean heat transport in the South China Sea. <i>Climate Dynamics</i> , 2014, 43, 3351-3366.	1.7	17
113	Interannual and Interdecadal Drivers of Meridional Migration of Western North Pacific Tropical Cyclone Lifetime Maximum Intensity Location. <i>Journal of Climate</i> , 2022, 35, 2709-2722.	1.2	17
114	Subthermocline tropical cells and equatorial subsurface countercurrents. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2005, 52, 123-135.	0.6	16
115	Sea ice trends in the Antarctic and their relationship to surface air temperature during 1979â€“2009. <i>Climate Dynamics</i> , 2012, 38, 2355-2363.	1.7	16
116	The changing influence of El NiÃ±o on the Great Plains lowâ€“level jet. <i>Atmospheric Science Letters</i> , 2015, 16, 512-517.	0.8	16
117	On the Simulations of Global Oceanic Latent Heat Flux in the CMIP5 Multimodel Ensemble. <i>Journal of Climate</i> , 2018, 31, 7111-7128.	1.2	16
118	Different effects of tropical cyclones generated in the South China Sea and the northwest Pacific on the summer South China Sea circulation. <i>Journal of Oceanography</i> , 2011, 67, 347-355.	0.7	15
119	The correctness to the spuriously simulated semi-annual cycle of the sea surface temperature in the equatorial eastern Pacific. <i>Science China Earth Sciences</i> , 2011, 54, 438-444.	2.3	15
120	Remote influence of North Atlantic <sc>SST</sc> on the equatorial westerly wind anomalies in the western Pacific for initiating an El NiÃ±o event: an Atmospheric General Circulation Model Study. <i>Atmospheric Science Letters</i> , 2013, 14, 107-111.	0.8	15
121	Potential role of Atlantic Warm Pool-induced freshwater forcing in the Atlantic Meridional Overturning Circulation: oceanâ€“sea ice model simulations. <i>Climate Dynamics</i> , 2014, 43, 553-574.	1.7	15
122	Hot Summers in the Northern Hemisphere. <i>Geophysical Research Letters</i> , 2019, 46, 10891-10900.	1.5	15
123	Modulation of Tropical Cyclone Genesis in the Bay of Bengal by the Central Indian Ocean Mode. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032641.	1.2	15
124	Tropical Atlantic Decadal Oscillation and Its Potential Impact on the Equatorial Atmosphereâ€“Ocean Dynamics: A Simple Model Study. <i>Journal of Physical Oceanography</i> , 2008, 38, 193-212.	0.7	14
125	Modulation of low-latitude west wind on abnormal track and intensity of tropical cyclone Nargis (2008) in the Bay of Bengal. <i>Advances in Atmospheric Sciences</i> , 2012, 29, 407-421.	1.9	14
126	Deep Meridional Overturning Circulation in the Indian Ocean and Its Relation to Indian Ocean Dipole. <i>Journal of Climate</i> , 2014, 27, 4508-4520.	1.2	14



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127	A Real-Time Regional Forecasting System Established for the South China Sea and Its Performance in the Track Forecasts of Tropical Cyclones during 2011–13. <i>Weather and Forecasting</i> , 2015, 30, 471-485.	0.5	14
128	Contributions of the atmosphere–land and ocean–sea ice model components to the tropical Atlantic SST bias in CESM1. <i>Ocean Modelling</i> , 2015, 96, 280-290.	1.0	13
129	Joint Boost to Super El Niño from the Indian and Atlantic Oceans. <i>Journal of Climate</i> , 2021, 34, 4937-4954.	1.2	13
130	Changes in the diurnal temperature range over East Asia from 1901 to 2018 and its relationship with precipitation. <i>Climatic Change</i> , 2021, 166, 1.	1.7	13
131	ENSO phase-locking biases from the CMIP5 to CMIP6 models and a possible explanation. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2021, 189-190, 104943.	0.6	13
132	Spatial Pattern and Zonal Shift of the North Atlantic Oscillation. Part II: Numerical Experiments. <i>Journals of the Atmospheric Sciences</i> , 2010, 67, 2827-2853.	0.6	12
133	Low-frequency modulation of the Atlantic warm pool by the Atlantic multidecadal oscillation. <i>Climate Dynamics</i> , 2012, 39, 1661-1671.	1.7	12
134	Sea Surface Temperature Anomalies in the Western Indian Ocean as a Trigger for Atlantic Niño Events. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL092489.	1.5	12
135	Longer summers in the Northern Hemisphere under global warming. <i>Climate Dynamics</i> , 2022, 58, 2293-2307.	1.7	12
136	Strengthening Amplitude and Impact of the Pacific Meridional Mode on ENSO in the Warming Climate Depicted by CMIP6 Models. <i>Journal of Climate</i> , 2022, 35, 5195-5213.	1.2	12
137	Is Hurricane Activity in One Basin Tied to Another?. <i>Eos</i> , 2010, 91, 93-94.	0.1	11
138	El Niño and intense tropical cyclones. <i>Nature</i> , 2015, 526, E4-E5.	13.7	11
139	Decadal Variability of the Anticyclone in the Western North Pacific. <i>Journal of Climate</i> , 2020, 33, 9031-9043.	1.2	11
140	Response of Western North Pacific Anomalous Anticyclones in the Summer of Decaying El Niño to Global Warming: Diverse Projections Based on CMIP6 and CMIP5 Models. <i>Journal of Climate</i> , 2022, 35, 359-372.	1.2	11
141	Remote influences on freshwater flux variability in the Atlantic warm pool region. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	10
142	North–south variations of tropical storm genesis locations in the Western Hemisphere. <i>Geophysical Research Letters</i> , 2016, 43, 11,367.	1.5	10
143	Equatorially Trapped Waves of a Coupled Ocean–Atmosphere System. <i>Journal of Physical Oceanography</i> , 1994, 24, 1978-1998.	0.7	8
144	Inhomogeneous influence of the Atlantic warm pool on United States precipitation. <i>Atmospheric Science Letters</i> , 2015, 16, 63-69.	0.8	8

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145	Ocean circulation influences on sea surface temperature in the equatorial central Pacific. <i>Journal of Geophysical Research</i> , 2001, 106, 19515-19526.	3.3	7
146	Impact of the quasi-biweekly oscillation on the super typhoon tracks in winter over the western North Pacific. <i>Climate Dynamics</i> , 2019, 53, 793-804.	1.7	6
147	Interannual Variability of Antarctic Intermediate Water in the Tropical North Atlantic. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 4044-4057.	1.0	6
148	Impacts of the Atlantic warm pool on North American precipitation and global sea surface temperature in a coupled general circulation model. <i>Climate Dynamics</i> , 2021, 56, 1163-1181.	1.7	6
149	The North Pacific Blob acts to increase the predictability of the Atlantic warm pool. <i>Environmental Research Letters</i> , 2021, 16, 064034.	2.2	6
150	Introduction to Special Section on Oceanic Responses and Feedbacks to Tropical Cyclones. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 742-745.	1.0	5
151	Weakened feedback of the Indian Ocean on El Niño since the early 1990s. <i>Climate Dynamics</i> , 2021, 57, 879-894.	1.7	5
152	Representation of the Mean Atlantic Subtropical Cells in CMIP6 Models. <i>Journal of Geophysical Research: Oceans</i> , 2022, 127, .	1.0	5
153	Interdecadal changes of tropical cyclone intensity in the South China Sea. <i>Climate Dynamics</i> , 2023, 60, 409-425.	1.7	5
154	Low-salinity water off West Luzon Island in summer. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 3011-3021.	1.0	4
155	Influence of two types of ENSO events on tropical cyclones in the western North Pacific during the subsequent year: asymmetric response. <i>Climate Dynamics</i> , 2018, 51, 2637-2655.	1.7	4
156	Cross-hemispheric SST propagation enhances the predictability of tropical western Pacific climate. <i>Npj Climate and Atmospheric Science</i> , 2022, 5, .	2.6	4
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