Tim Li

List of Publications by Year in descending order

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329 papers	15,773 citations	15504 65 h-index	22832 112 g-index
340 all docs	340 docs citations	340 times ranked	6278 citing authors

#	Article	IF	Citations
1	Interannual and Interdecadal Variations of the East Asian Summer Monsoon and Tropical Pacific SSTs. Part I: Roles of the Subtropical Ridge. Journal of Climate, 2000, 13, 4310-4325.	3.2	692
2	Atmosphereâ€“Warm Ocean Interaction and Its Impacts on Asianâ€“Australian Monsoon Variation*. Journal of Climate, 2003, 16, 1195-1211.	3.2	624
3	Structures and Mechanisms of the Northward Propagating Boreal Summer Intraseasonal Oscillation*. Journal of Climate, 2004, 17, 1022-1039.	3.2	462
4	Why the ITCZ Is Mostly North of the Equator. Journal of Climate, 1996, 9, 2958-2972.	3.2	434
5	Pantropical climate interactions. Science, 2019, 363, .	12.6	419
6	Seasonally Evolving Dominant Interannual Variability Modes of East Asian Climate*. Journal of Climate, 2009, 22, 2992-3005.	3.2	369
7	Relative Contributions of the Indian Ocean and Local SST Anomalies to the Maintenance of the Western North Pacific Anomalous Anticyclone during the El NiÃ±o Decaying Summer*. Journal of Climate, 2010, 23, 2974-2986.	3.2	354
8	A Theory for the Indian Ocean Dipoleâ€“Zonal Mode*. Journals of the Atmospheric Sciences, 2003, 60, 2119-2135.	1.7	338
9	Decadal Change of the Spring Snow Depth over the Tibetan Plateau: The Associated Circulation and Influence on the East Asian Summer Monsoon*. Journal of Climate, 2004, 17, 2780-2793.	3.2	323
10	Coupling between Northward-Propagating, Intraseasonal Oscillations and Sea Surface Temperature in the Indian Ocean*. Journals of the Atmospheric Sciences, 2003, 60, 1733-1753.	1.7	266
11	Interannual and Interdecadal Variations of the East Asian Summer Monsoon and Tropical Pacific SSTs. Part II: Meridional Structure of the Monsoon. Journal of Climate, 2000, 13, 4326-4340.	3.2	261
12	Role of the Boundary Layer Moisture Asymmetry in Causing the Eastward Propagation of the Maddenâ€“Julian Oscillation*. Journal of Climate, 2012, 25, 4914-4931.	3.2	231
13	Theories on formation of an anomalous anticyclone in western North Pacific during El NiÃ±o: A review. Journal of Meteorological Research, 2017, 31, 987-1006.	2.4	231
14	A new paradigm for the predominance of standing Central Pacific Warming after the late 1990s. Climate Dynamics, 2013, 41, 327-340.	3.8	195
15	Interannual and interdecadal variability of the summertime western North Pacific subtropical high. Geophysical Research Letters, 2007, 34, .	4.0	179
16	Impact of Indian summer monsoon on the South Asian High and its influence on summer rainfall over China. Climate Dynamics, 2014, 43, 1257-1269.	3.8	177
17	REVIEW A Review on the Western North Pacific Monsoon: Synoptic-to-Interannual Variabilities. Terrestrial, Atmospheric and Oceanic Sciences, 2005, 16, 285.	0.6	176
18	Bimodal Character of Cyclone Climatology in the Bay of Bengal Modulated by Monsoon Seasonal Cycle*. Journal of Climate, 2013, 26, 1033-1046.	3.2	154

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19	Onset of the Summer Monsoon over the Indochina Peninsula: Climatology and Interannual Variations*. Journal of Climate, 2002, 15, 3206-3221.	3.2	151
20	A Theory for the Tropical Tropospheric Biennial Oscillation. Journals of the Atmospheric Sciences, 2000, 57, 2209-2224.	1.7	150
21	Asymmetry of Atmospheric Circulation Anomalies over the Western North Pacific between El NiÃ±o and La NiÃ±a*. Journal of Climate, 2010, 23, 4807-4822.	3.2	140
22	Interactions between the seasonal cycle and the Southern Oscillation - Frequency entrainment and chaos in a coupled ocean-atmosphere model. Geophysical Research Letters, 1994, 21, 2817-2820.	4.0	133
23	Precursor Signals and Processes Associated with MJO Initiation over the Tropical Indian Ocean*. Journal of Climate, 2013, 26, 291-307.	3.2	131
24	Effects of tropical North Atlantic SST on tropical cyclone genesis in the western North Pacific. Climate Dynamics, 2016, 46, 865-877.	3.8	131
25	Impacts of Atlantic sea surface temperature anomalies on Indo-East Asian summer monsoon-ENSO relationship. Science Bulletin, 2010, 55, 2458-2468.	1.7	129
26	On the Relationship between Western Maritime Continent Monsoon Rainfall and ENSO during Northern Winter. Journal of Climate, 2004, 17, 665-672.	3.2	128
27	Origin of the Summertime Synoptic-Scale Wave Train in the Western North Pacific*. Journals of the Atmospheric Sciences, 2006, 63, 1093-1102.	1.7	128
28	Causes of the El NiÃ±o and La NiÃ±a Amplitude Asymmetry in the Equatorial Eastern Pacific. Journal of Climate, 2010, 23, 605-617.	3.2	122
29	Interactions between Boreal Summer Intraseasonal Oscillations and Synoptic-Scale Disturbances over the Western North Pacific. Part I: Energetics Diagnosis*. Journal of Climate, 2011, 24, 927-941.	3.2	117
30	Future change of the global monsoon revealed from 19 CMIP5 models. Journal of Geophysical Research D: Atmospheres, 2013, 118, 1247-1260.	3.3	117
31	Contrast of Rainfallâ€“SST Relationships in the Western North Pacific between the ENSO-Developing and ENSO-Decaying Summers*. Journal of Climate, 2009, 22, 4398-4405.	3.2	115
32	Increase of global monsoon area and precipitation under global warming: A robust signal?. Geophysical Research Letters, 2012, 39, .	4.0	114
33	Atmospheric Dynamic and Thermodynamic Processes Driving the Western North Pacific Anomalous Anticyclone during El NiÃ±o. Part I: Maintenance Mechanisms. Journal of Climate, 2017, 30, 9621-9635.	3.2	114
34	Relative role of dynamic and thermodynamic processes in the development of the Indian Ocean dipole: An OGCM diagnosis. Geophysical Research Letters, 2002, 29, 25-1-25-4.	4.0	112
35	Role of the ENSOâ€“Indian Ocean coupling on ENSO variability in a coupled GCM. Geophysical Research Letters, 2006, 33, .	4.0	112
36	Atmosphere Feedbacks during ENSO in a Coupled GCM with a Modified Atmospheric Convection Scheme. Journal of Climate, 2009, 22, 5698-5718.	3.2	109

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37	Analysis of Tropical Cyclogenesis in the Western North Pacific for 2000 and 2001*. Weather and Forecasting, 2007, 22, 763-780.	1.4	106
38	Developing versus Nondeveloping Disturbances for Tropical Cyclone Formation. Part II: Western North Pacific. Monthly Weather Review, 2012, 140, 1067-1080.	1.4	104
39	Asymmetry of the Indian Ocean Dipole. Part I: Observational Analysis. Journal of Climate, 2008, 21, 4834-4848.	3.2	103
40	Interdecadal Relationship between the Mean State and El NiÃ±o Types*. Journal of Climate, 2013, 26, 361-379.	3.2	103
41	Fundamental Causes of Propagating and Nonpropagating MJOs in MJOTF/GASS Models. Journal of Climate, 2017, 30, 3743-3769.	3.2	102
42	Reinitiation of the Boreal Summer Intraseasonal Oscillation in the Tropical Indian Ocean*. Journal of Climate, 2005, 18, 3777-3795.	3.2	100
43	On the relationship between Indian Ocean sea surface temperature and Asian Summer Monsoon. Geophysical Research Letters, 2001, 28, 2843-2846.	4.0	99
44	Out-of-Phase Relationship between Boreal Spring and Summer Decadal Rainfall Changes in Southern China*. Journal of Climate, 2014, 27, 1083-1099.	3.2	97
45	Quantifying Nutrient Budgets for Sustainable Nutrient Management. Global Biogeochemical Cycles, 2020, 34, e2018GB006060.	4.9	96
46	The Origin and Dispersion Characteristics of the Observed Tropical Summertime Synoptic-Scale Waves over the Western Pacific*. Monthly Weather Review, 2006, 134, 1630-1646.	1.4	93
47	Formation Mechanism for 2015/16 Super El NiÃ±o. Scientific Reports, 2017, 7, 2975.	3.3	89
48	Interannual relationships between the tropical sea surface temperature and summertime subtropical anticyclone over the western North Pacific. Journal of Geophysical Research, 2011, 116, .	3.3	88
49	Developing versus Nondeveloping Disturbances for Tropical Cyclone Formation. Part I: North Atlantic. Monthly Weather Review, 2012, 140, 1047-1066.	1.4	88
50	Tropical Cyclogenesis Associated with Rossby Wave Energy Dispersion of a Preexisting Typhoon. Part I: Satellite Data Analyses*. Journals of the Atmospheric Sciences, 2006, 63, 1377-1389.	1.7	86
51	Impacts of Airâ€“Sea Coupling on the Simulation of Mean Asian Summer Monsoon in the ECHAM4 Model*. Monthly Weather Review, 2002, 130, 2889-2904.	1.4	86
52	Effects of Vertical Shears and Midlevel Dry Air on Tropical Cyclone Developments*. Journals of the Atmospheric Sciences, 2013, 70, 3859-3875.	1.7	85
53	Relative Roles of Dynamic and Thermodynamic Processes in Causing Evolution Asymmetry between El NiÃ±o and La NiÃ±a*. Journal of Climate, 2016, 29, 2201-2220.	3.2	84
54	Causes of Strengthening and Weakening of ENSO Amplitude under Global Warming in Four CMIP5 Models*. Journal of Climate, 2015, 28, 3250-3274.	3.2	83

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55	Satellite data analysis and numerical simulation of tropical cyclone formation. Geophysical Research Letters, 2003, 30, .	4.0	77
56	The Extreme Cold Anomaly over Southeast Asia in February 2008: Roles of ISO and ENSO*. Journal of Climate, 2009, 22, 3786-3801.	3.2	77
57	Global warming shifts Pacific tropical cyclone location. Geophysical Research Letters, 2010, 37, .	4.0	77
58	Interactions between Boreal Summer Intraseasonal Oscillations and Synoptic-Scale Disturbances over the Western North Pacific. Part II: Apparent Heat and Moisture Sources and Eddy Momentum Transport*. Journal of Climate, 2011, 24, 942-961.	3.2	76
59	Atmospheric Dynamic and Thermodynamic Processes Driving the Western North Pacific Anomalous Anticyclone during El NiÃ±o. Part II: Formation Processes. Journal of Climate, 2017, 30, 9637-9650.	3.2	76
60	Spatiotemporal Structures and Mechanisms of the Tropospheric Biennial Oscillation in the Indo-Pacific Warm Ocean Regions*. Journal of Climate, 2006, 19, 3070-3087.	3.2	75
61	Impact of Ocean Warming on Tropical Cyclone Size and Its Destructiveness. Scientific Reports, 2017, 7, 8154.	3.3	74
62	Modulation of Boreal Summer Intraseasonal Oscillations over the Western North Pacific by ENSO. Journal of Climate, 2016, 29, 7189-7201.	3.2	73
63	A New Paradigm for Continental U.S. Summer Rainfall Variability: Asiaâ€“North America Teleconnection. Journal of Climate, 2016, 29, 7313-7327.	3.2	72
64	Impacts of the Pacificâ€“Japan and Circumglobal Teleconnection Patterns on the Interdecadal Variability of the East Asian Summer Monsoon. Journal of Climate, 2016, 29, 3253-3271.	3.2	72
65	MJO prediction using the sub-seasonal to seasonal forecast model of Beijing Climate Center. Climate Dynamics, 2017, 48, 3283-3307.	3.8	72
66	Propagating and Nonpropagating MJO Events over Maritime Continent*. Journal of Climate, 2015, 28, 8430-8449.	3.2	71
67	Enhanced Latent Heating over the Tibetan Plateau as a Key to the Enhanced East Asian Summer Monsoon Circulation under a Warming Climate. Journal of Climate, 2019, 32, 3373-3388.	3.2	68
68	Evaluation of improved Î³-aminobutyric acid production in yogurt using Lactobacillus plantarum NDC75017. Journal of Dairy Science, 2015, 98, 2138-2149.	3.4	67
69	Tropical Cyclogenesis Associated with Rossby Wave Energy Dispersion of a Preexisting Typhoon. Part II: Numerical Simulations*. Journals of the Atmospheric Sciences, 2006, 63, 1390-1409.	1.7	65
70	Upscale Feedback of Tropical Synoptic Variability to Intraseasonal Oscillations through the Nonlinear Rectification of the Surface Latent Heat Flux*. Journal of Climate, 2010, 23, 5738-5754.	3.2	64
71	Dynamic and Thermodynamic Airâ€“Sea Coupling Associated with the Indian Ocean Dipole Diagnosed from 23 WCRP CMIP3 Models*. Journal of Climate, 2011, 24, 4941-4958.	3.2	64
72	Influences of the Pacificâ€“Japan Teleconnection Pattern on Synoptic-Scale Variability in the Western North Pacific. Journal of Climate, 2014, 27, 140-154.	3.2	64

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73	A possible explanation for the divergent projection of ENSO amplitude change under global warming. Climate Dynamics, 2017, 49, 3799-3811.	3.8	64
74	Future Changes in East Asian Summer Monsoon Circulation and Precipitation Under 1.5 to 5ÂÂ°C of Warming. Earth's Future, 2019, 7, 1391-1406.	6.3	62
75	Trends in global monsoon area and precipitation over the past 30 years. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	60
76	Impacts of central Pacific and eastern Pacific El NiÃ±os on tropical cyclone tracks over the western North Pacific. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	58
77	Structures and mechanisms of the first-branch northward-propagating intraseasonal oscillation over the tropical Indian Ocean. Climate Dynamics, 2013, 40, 1707-1720.	3.8	58
78	Planetary Scale Selection of the Maddenâ€“Julian Oscillation*. Journals of the Atmospheric Sciences, 2009, 66, 2429-2443.	1.7	57
79	Influence of Model Biases on Projected Future Changes in Tropical Cyclone Frequency of Occurrence*. Journal of Climate, 2014, 27, 2159-2181.	3.2	57
80	A spatialâ€“temporal projection model for 10â€“30 day rainfall forecast in South China. Climate Dynamics, 2015, 44, 1227-1244.	3.8	57
81	Beyond Weather Time-Scale Prediction for Hurricane Sandy and Super Typhoon Haiyan in a Global Climate Model. Monthly Weather Review, 2015, 143, 524-535.	1.4	56
82	A Simple Analytical Model for Understanding the Formation of Sea Surface Temperature Patterns under Global Warming*. Journal of Climate, 2014, 27, 8413-8421.	3.2	55
83	Empirical prediction of the onset dates of South China Sea summer monsoon. Climate Dynamics, 2017, 48, 1633-1645.	3.8	55
84	Interdecadal modulation of El NiÃ±oâ€“tropical North Atlantic teleconnection by the Atlantic multi-decadal oscillation. Climate Dynamics, 2019, 52, 5345-5360.	3.8	55
85	EAST ASIAN MONSOON-ENSO INTERACTIONS. World Scientific Series on Asia-Pacific Weather and Climate, 2004, , 177-212.	0.2	53
86	Recent advance in understanding the dynamics of the Madden-Julian oscillation. Journal of Meteorological Research, 2014, 28, 1-33.	1.0	52
87	Interannual variability of the Asian subtropical westerly jet in boreal summer and associated with circulation and SST anomalies. Climate Dynamics, 2016, 46, 2673-2688.	3.8	51
88	Energy Spectrum Characteristics of Boreal Summer Intraseasonal Oscillations: Climatology and Variations during the ENSO Developing and Decaying Phases*. Journal of Climate, 2008, 21, 6304-6320.	3.2	50
89	Relative Roles of Circumnavigating Waves and Extratropics on the MJO and Its Relationship with the Mean State*. Journals of the Atmospheric Sciences, 2013, 70, 876-893.	1.7	50
90	MJO Initiation Processes over the Tropical Indian Ocean during DYNAMO/CINDY2011*. Journal of Climate, 2015, 28, 2121-2135.	3.2	50

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91	Asymmetry of the Indian Ocean Basinwide SST Anomalies: Roles of ENSO and IOD. Journal of Climate, 2010, 23, 3563-3576.	3.2	49
92	Origin of the Intraseasonal Variability over the North Pacific in Boreal Summer*. Journal of Climate, 2013, 26, 1211-1229.	3.2	49
93	Intraseasonal variability of air temperature over the mid-high latitude Eurasia in boreal winter. Climate Dynamics, 2016, 47, 2155-2175.	3.8	49
94	Distinctive precursory airâ€“sea signals between regular and super El NiÃ±os. Advances in Atmospheric Sciences, 2016, 33, 996-1004.	4.3	48
95	The climate regime shift over the Pacific during 1996/1997. Climate Dynamics, 2014, 43, 435-446.	3.8	47
96	Interactions between the tropical ISO and midlatitude low-frequency flow. Climate Dynamics, 2008, 31, 375-388.	3.8	46
97	Fall Persistence Barrier of Sea Surface Temperature in the South China Sea Associated with ENSO*. Journal of Climate, 2007, 20, 158-172.	3.2	45
98	Does global warming amplify interannual climate variability?. Climate Dynamics, 2019, 52, 2667-2684.	3.8	44
99	Intraseasonal SST Variability and Airâ€“Sea Interaction over the Kuroshio Extension Region during Boreal Summer. Journal of Climate, 2012, 25, 1619-1634.	3.2	42
100	The statistical extended-range (10â€“30-day) forecast of summer rainfall anomalies over the entire China. Climate Dynamics, 2017, 48, 209-224.	3.8	42
101	Cause of Extreme Heavy and Persistent Rainfall over Yangtze River in Summer 2020. Advances in Atmospheric Sciences, 2021, 38, 1994-2009.	4.3	42
102	Predicting El NiÃ±o Beyond 1-year Lead: Effect of the Western Hemisphere Warm Pool. Scientific Reports, 2018, 8, 14957.	3.3	41
103	Moisture Asymmetry and MJO Eastward Propagation in an Aquaplanet General Circulation Model*. Journal of Climate, 2014, 27, 8747-8760.	3.2	40
104	Tropical cyclone energy dispersion under vertical shears. Geophysical Research Letters, 2007, 34, .	4.0	38
105	Interactions between the summer mean monsoon and the intraseasonal oscillation in the Indian monsoon region. Geophysical Research Letters, 2008, 35, .	4.0	38
106	Asymmetry of the Indian Ocean Dipole. Part II: Model Diagnosis*. Journal of Climate, 2008, 21, 4849-4858.	3.2	38
107	Effects of Monsoon Trough Intraseasonal Oscillation on Tropical Cyclogenesis over the Western North Pacific*. Journals of the Atmospheric Sciences, 2014, 71, 4639-4660.	1.7	37
108	A Paper on the Tropical Intraseasonal Oscillation Published in 1963 in a Chinese Journal. Bulletin of the American Meteorological Society, 2018, 99, 1765-1779.	3.3	37

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109	Amplified contiguous United States summer rainfall variability induced by East Asian monsoon interdecadal change. Climate Dynamics, 2018, 50, 3523-3536.	3.8	37
110	Madden-Julian Oscillation: Its Discovery, Dynamics, and Impact on East Asia. Journal of Meteorological Research, 2020, 34, 20-42.	2.4	37
111	ENSO-phase dependent TD and MRG wave activity in the western North Pacific. Climate Dynamics, 2014, 42, 1217-1227.	3.8	36
112	Interactions between Typhoon Megi (2010) and a Low-Frequency Monsoon Gyre. Journals of the Atmospheric Sciences, 2015, 72, 2682-2702.	1.7	36
113	Abrupt termination of the 2012 Pacific warming and its implication on ENSO prediction. Geophysical Research Letters, 2014, 41, 9058-9064.	4.0	35
114	A spatialâ€“temporal projection model for extended-range forecast in the tropics. Climate Dynamics, 2015, 45, 1085-1098.	3.8	35
115	Dependence of the relationship between the tropical cyclone track and western Pacific subtropical high intensity on initial storm size: A numerical investigation. Journal of Geophysical Research D: Atmospheres, 2015, 120, 11,451.	3.3	34
116	Relationship between summer rainfall anomalies and sub-seasonal oscillations in South China. Climate Dynamics, 2015, 44, 423-439.	3.8	34
117	The Initiation and Developing Mechanisms of Central Pacific El NiÃ±os. Journal of Climate, 2014, 27, 4473-4485.	3.2	33
118	Eastward shift and extension of ENSO-induced tropical precipitation anomalies under global warming. Science Advances, 2020, 6, eaax4177.	10.3	33
119	Tropical Cyclone Energy Dispersion in a Three-Dimensional Primitive Equation Model: Upper-Tropospheric Influence*. Journals of the Atmospheric Sciences, 2008, 65, 2272-2289.	1.7	32
120	Impact of Rossby and Kelvin Wave Components on MJO Eastward Propagation. Journal of Climate, 2018, 31, 6913-6931.	3.2	32
121	Effect of recent Atlantic warming in strengthening Atlanticâ€“Pacific teleconnection on interannual timescale via enhanced connection with the pacific meridional mode. Climate Dynamics, 2019, 53, 371-387.	3.8	32
122	The critical role of the boreal summer mean state in the development of the IOD. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	31
123	Factors Controlling Multiple Tropical Cyclone Events in the Western North Pacific*. Monthly Weather Review, 2011, 139, 885-894.	1.4	31
124	Interannual and Interdecadal Variabilities of Spring Rainfall over Northeast China and Their Associated Sea Surface Temperature Anomaly Forcings. Journal of Climate, 2020, 33, 1423-1435.	3.2	31
125	Causes of the Intraseasonal SST Variability in the Tropical Indian Ocean. Atmospheric and Oceanic Science Letters, 2008, 1, 18-23.	1.3	30
126	Discriminating Developing versus Nondeveloping Tropical Disturbances in the Western North Pacific through Decision Tree Analysis. Weather and Forecasting, 2015, 30, 446-454.	1.4	30

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127	Zonal shift of the South Asian High on the subseasonal timeâ€scale and its relation to the summer rainfall anomaly in China. Quarterly Journal of the Royal Meteorological Society, 2016, 142, 2324-2335.	2.7	30
128	Relative roles of anthropogenic aerosols and greenhouse gases in land and oceanic monsoon changes during past 156â€‰years in CMIP5 models. Geophysical Research Letters, 2016, 43, 5295-5301.	4.0	30
129	Modulation of the MJO intensity over the equatorial western Pacific by two types of El NiÃ±o. Climate Dynamics, 2018, 51, 687-700.	3.8	30
130	Effects of monsoon trough interannual variation on tropical cyclogenesis over the western North Pacific. Geophysical Research Letters, 2014, 41, 4332-4339.	4.0	29
131	Impact of ocean warming on tropical cyclone track over the western north pacific: A numerical investigation based on two case studies. Journal of Geophysical Research D: Atmospheres, 2017, 122, 8617-8630.	3.3	29
132	Extended-range forecasting of Chinese summer surface air temperature and heat waves. Climate Dynamics, 2018, 50, 2007-2021.	3.8	29
133	Precipitation diurnal cycle over the Maritime Continent modulated by the MJO. Climate Dynamics, 2019, 53, 6489-6501.	3.8	29
134	Weakened Anomalous Western North Pacific Anticyclone during an El NiÃ±oâ€“Decaying Summer under a Warmer Climate: Dominant Role of the Weakened Impact of the Tropical Indian Ocean on the Atmosphere. Journal of Climate, 2019, 32, 213-230.	3.2	29
135	Dynamic Origin of the Interannual Variability of West China Autumn Rainfall. Journal of Climate, 2020, 33, 9643-9652.	3.2	29
136	Structure and Origin of the Quasi-Biweekly Oscillation over the Tropical Indian Ocean in Boreal Spring. Journals of the Atmospheric Sciences, 2010, 67, 1965-1982.	1.7	28
137	MJO change with A1B global warming estimated by the 40-km ECHAM5. Climate Dynamics, 2013, 41, 1009-1023.	3.8	28
138	Moistening Processes before the Convective Initiation of Maddenâ€“Julian Oscillation Events during the CINDY2011/DYNAMO Period. Monthly Weather Review, 2015, 143, 622-643.	1.4	28
139	Basin dependence of the MJO modulating tropical cyclone genesis. Climate Dynamics, 2019, 52, 6081-6096.	3.8	28
140	Drier North American Monsoon in Contrast to Asianâ€“African Monsoon under Global Warming. Journal of Climate, 2020, 33, 9801-9816.	3.2	28
141	Upscale feedback of highâ€frequency winds to ENSO. Quarterly Journal of the Royal Meteorological Society, 2011, 137, 894-907.	2.7	27
142	Lessened response of boreal winter stratospheric polar vortex to El NiÃ±o in recent decades. Climate Dynamics, 2017, 49, 263-278.	3.8	27
143	Relative roles of El NiÃ±o-induced extratropical and tropical forcing in generating Tropical North Atlantic (TNA) SST anomaly. Climate Dynamics, 2019, 53, 3791-3804.	3.8	26
144	Effect of vertical moist static energy advection on MJO eastward propagation: sensitivity to analysis domain. Climate Dynamics, 2020, 54, 2029-2039.	3.8	26

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145	Relative roles of differential SST warming, uniform SST warming and land surface warming in determining the Walker circulation changes under global warming. Climate Dynamics, 2017, 48, 987-997.	3.8	25
146	Water Budget and Intensity Change of Tropical Cyclones over the Western North Pacific. Monthly Weather Review, 2017, 145, 3009-3023.	1.4	25
147	Why rainfall response to El NiÃ±o over Maritime Continent is weaker and non-uniform in boreal winter than in boreal summer. Climate Dynamics, 2018, 51, 1465-1483.	3.8	24
148	Impacts of Tropical North Atlantic and Equatorial Atlantic SST Anomalies on ENSO. Journal of Climate, 2021, , 1-58.	3.2	24
149	Distinctive South and East Asian monsoon circulation responses to global warming. Science Bulletin, 2022, 67, 762-770.	9.0	24
150	On the Phase Relations between the Western North Pacific, Indian, and Australian Monsoons*. Journal of Climate, 2010, 23, 5572-5589.	3.2	23
151	Roles of the Synoptic-Scale Wave Train, the Intraseasonal Oscillation, and High-Frequency Eddies in the Genesis of Typhoon Manyi (2001)*. Journals of the Atmospheric Sciences, 2014, 71, 3706-3722.	1.7	23
152	What controls the interannual variation of tropical cyclone genesis frequency over Bay of Bengal in the postâ€monsoon peak season?. Atmospheric Science Letters, 2016, 17, 148-154.	1.9	23
153	Statistical extendedâ€range forecast of winter surface air temperature and extremely cold days over China. Quarterly Journal of the Royal Meteorological Society, 2017, 143, 1528-1538.	2.7	23
154	Tropical Intraseasonal Variability in the MRI-20km60L AGCM*. Journal of Climate, 2009, 22, 2006-2022.	3.2	22
155	Monsoon climate variabilities. Geophysical Monograph Series, 2010, , 27-51.	0.1	22
156	Factors controlling the interannual variations of MJO intensity. Journal of Meteorological Research, 2016, 30, 328-340.	2.4	22
157	Precursors of the El NiÃ±o/La NiÃ±a onset and their interrelationship. Journal of Geophysical Research, 2010, 115, .	3.3	21
158	Tropical Cyclogenesis in the Western North Pacific as Revealed by the 2008â€“09 YOTC Data*. Weather and Forecasting, 2013, 28, 1038-1056.	1.4	21
159	Relative Roles of Background Moisture and Vertical Shear in Regulating Interannual Variability of Boreal Summer Intraseasonal Oscillations. Journal of Climate, 2016, 29, 7009-7025.	3.2	21
160	Midâ€latitude leading doubleâ€dip La NiÃ±a. International Journal of Climatology, 2021, 41, E1353.	3.5	21
161	Independence of SST skewness from thermocline feedback in the eastern equatorial Indian Ocean. Geophysical Research Letters, 2010, 37, .	4.0	20
162	Effects of airâ€“sea coupling on the boreal summer intraseasonal oscillations over the tropical Indian Ocean. Climate Dynamics, 2011, 37, 2303-2322.	3.8	20

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163	Two Distinct Modes of Tropical Indian Ocean Precipitation in Boreal Winter and Their Impacts on Equatorial Western Pacific*. Journal of Climate, 2012, 25, 921-938.	3.2	20
164	Is â€œrichâ€getâ€richerâ€•valid for Indian Ocean and Atlantic ITCZ?. Geophysical Research Letters, 2012, 39, .	4.0	20
165	Strengthening and Westward Shift of the Tropical Pacific Walker Circulation during the Mid-Holocene: PMIP Simulation Results. Journal of Climate, 2018, 31, 2283-2298.	3.2	20
166	Decrease of tropical cyclone genesis frequency in the western North Pacific since 1960s. Dynamics of Atmospheres and Oceans, 2018, 81, 42-50.	1.8	20
167	Intraseasonal Tropical Cyclogenesis Prediction in a Global Coupled Model System. Journal of Climate, 2018, 31, 6209-6227.	3.2	20
168	Changes to environmental parameters that control tropical cyclone genesis under global warming. Geophysical Research Letters, 2013, 40, 2265-2270.	4.0	19
169	The Record-Breaking Hot Summer in 2015 over Hawaii and Its Physical Causes. Journal of Climate, 2017, 30, 4253-4266.	3.2	19
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