

Wen Zhou

List of Publications by Year in descending order

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198
papers

7,708
citations

50276

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69250

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198
all docs

198
docs citations

198
times ranked

4422
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent changes in the summer precipitation pattern in East China and the background circulation. <i>Climate Dynamics</i> , 2011, 36, 1463-1473.	3.8	356
2	PDO, ENSO and the early summer monsoon rainfall over south China. <i>Geophysical Research Letters</i> , 2005, 32, .	4.0	270
3	Synoptic-Scale Controls of Persistent Low Temperature and Icy Weather over Southern China in January 2008. <i>Monthly Weather Review</i> , 2009, 137, 3978-3991.	1.4	255
4	Different impacts of El Niño and El Niño Modoki on China rainfall in the decaying phases. <i>International Journal of Climatology</i> , 2011, 31, 2091-2101.	3.5	253
5	ENSO and the South China Sea summer monsoon onset. <i>International Journal of Climatology</i> , 2007, 27, 157-167.	3.5	206
6	Interannual Variations of East Asian Trough Axis at 500 hPa and its Association with the East Asian Winter Monsoon Pathway. <i>Journal of Climate</i> , 2009, 22, 600-614.	3.2	191
7	Relationship between Ural “Siberian Blocking and the East Asian Winter Monsoon in Relation to the Arctic Oscillation and the El Niño “Southern Oscillation. <i>Journal of Climate</i> , 2012, 25, 4242-4257.	3.2	189
8	Three Eurasian teleconnection patterns: spatial structures, temporal variability, and associated winter climate anomalies. <i>Climate Dynamics</i> , 2014, 42, 2817-2839.	3.8	184
9	Modulation of Western North Pacific Tropical Cyclone Activity by the ISO. Part I: Genesis and Intensity. <i>Journal of Climate</i> , 2013, 26, 2904-2918.	3.2	148
10	Synoptic-scale characteristics and atmospheric controls of summer heat waves in China. <i>Climate Dynamics</i> , 2016, 46, 2923-2941.	3.8	147
11	Intraseasonal oscillations and the South China Sea summer monsoon onset. <i>International Journal of Climatology</i> , 2005, 25, 1585-1609.	3.5	143
12	Interdecadal variability of the relationship between the East Asian winter monsoon and ENSO. <i>Meteorology and Atmospheric Physics</i> , 2007, 98, 283-293.	2.0	141
13	Influences of the Indian Ocean dipole on the Asian summer monsoon in the following year. <i>International Journal of Climatology</i> , 2008, 28, 1849-1859.	3.5	141
14	Influence of South China Sea SST and the ENSO on winter rainfall over South China. <i>Advances in Atmospheric Sciences</i> , 2010, 27, 832-844.	4.3	131
15	Assessment of future drought in Southwest China based on CMIP5 multimodel projections. <i>Advances in Atmospheric Sciences</i> , 2014, 31, 1035-1050.	4.3	118
16	Modulation of Western North Pacific Tropical Cyclone Activity by the ISO. Part II: Tracks and Landfalls. <i>Journal of Climate</i> , 2013, 26, 2919-2930.	3.2	104
17	Changes in Western Pacific Tropical Cyclones Associated with the El Niño “Southern Oscillation Cycle. <i>Journal of Climate</i> , 2012, 25, 5864-5878.	3.2	102
18	CGCM projections of heavy rainfall events in China. <i>International Journal of Climatology</i> , 2012, 32, 441-450.	3.5	96

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19	Summer high temperature extremes in Southeast China associated with the East Asian jet stream and circumglobal teleconnection. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 8306-8319.	3.3	92
20	Teleconnected influence of North Atlantic sea surface temperature on the El Niño onset. <i>Climate Dynamics</i> , 2011, 37, 663-676.	3.8	83
21	Sensitivity of MJO simulations to diabatic heating profiles. <i>Climate Dynamics</i> , 2009, 32, 167-187.	3.8	79
22	The interdecadal variations of the summer monsoon rainfall over South China. <i>Meteorology and Atmospheric Physics</i> , 2006, 93, 165-175.	2.0	77
23	Summer High Temperature Extremes in Southeast China: Bonding with the El Niño–Southern Oscillation and East Asian Summer Monsoon Coupled System. <i>Journal of Climate</i> , 2014, 27, 4122-4138.	3.2	76
24	Observational climatology and characteristics of wintertime atmospheric blocking over Ural–Siberia. <i>Climate Dynamics</i> , 2013, 41, 63-79.	3.8	74
25	Effect of the climate shift around mid 1970s on the relationship between wintertime Ural blocking circulation and East Asian climate. <i>International Journal of Climatology</i> , 2010, 30, 153-158.	3.5	73
26	Interdecadal unstationary relationship between NAO and east China's summer precipitation patterns. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	73
27	Impacts of the basin-wide Indian Ocean SSTA on the South China Sea summer monsoon onset. <i>International Journal of Climatology</i> , 2008, 28, 1579-1587.	3.5	70
28	Projections of West African summer monsoon rainfall extremes from two CORDEX models. <i>Climate Dynamics</i> , 2019, 52, 2017-2028.	3.8	70
29	Change in Destructiveness of Landfalling Tropical Cyclones over China in Recent Decades. <i>Journal of Climate</i> , 2017, 30, 3367-3379.	3.2	69
30	Linkage between mei-yu precipitation and North Atlantic SST on the decadal timescale. <i>Advances in Atmospheric Sciences</i> , 2009, 26, 101-108.	4.3	67
31	Possible connection between Pacific Oceanic interdecadal pathway and east Asian winter monsoon. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	66
32	Interdecadal Change in South China Sea Tropical Cyclone Frequency in Association with Zonal Sea Surface Temperature Gradient. <i>Journal of Climate</i> , 2014, 27, 5468-5480.	3.2	64
33	Influences of the Pacific–Japan Teleconnection Pattern on Synoptic-Scale Variability in the Western North Pacific. <i>Journal of Climate</i> , 2014, 27, 140-154.	3.2	64
34	Assessment of Regional Drought Trend and Risk over China: A Drought Climate Division Perspective. <i>Journal of Climate</i> , 2015, 28, 7025-7037.	3.2	64
35	Asymmetric Modulation of Western North Pacific Cyclogenesis by the Madden–Julian Oscillation under ENSO Conditions. <i>Journal of Climate</i> , 2012, 25, 5374-5385.	3.2	63
36	Impact of the Indian Ocean Dipole on Evolution of the Subsequent ENSO: Relative Roles of Dynamic and Thermodynamic Processes. <i>Journal of Climate</i> , 2021, 34, 3591-3607.	3.2	62

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37	The role of MJO and mid-latitude fronts in the South China Sea summer monsoon onset. <i>Climate Dynamics</i> , 2009, 33, 827-841.	3.8	60
38	Teleconnected influence of tropical Northwest Pacific sea surface temperature on interannual variability of autumn precipitation in Southwest China. <i>Climate Dynamics</i> , 2015, 45, 2527-2539.	3.8	59
39	Decadal variability of twentieth-century El Niño and La Niña occurrence from observations and IPCC AR4 coupled models. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	58
40	Changes in seasonal cycle and extremes in China during the period 1960–2008. <i>Advances in Atmospheric Sciences</i> , 2011, 28, 269-283.	4.3	58
41	Water Vapor Transport and Moisture Budget over Eastern China: Remote Forcing from the Two Types of El Niño. <i>Journal of Climate</i> , 2014, 27, 8778-8792.	3.2	57
42	Comparison of the impact of two types of El Niño on tropical cyclone genesis over the South China Sea. <i>International Journal of Climatology</i> , 2014, 34, 2651-2660.	3.5	55
43	Response to climate change of montane herbaceous plants in the genus <i>Rhodiola</i> predicted by ecological niche modelling. <i>Scientific Reports</i> , 2018, 8, 5879.	3.3	55
44	Quasi-4-Yr Coupling between El Niño–Southern Oscillation and Water Vapor Transport over East Asia–WNP. <i>Journal of Climate</i> , 2012, 25, 5879-5891.	3.2	51
45	Revisiting the climatology of atmospheric blocking in the Northern Hemisphere. <i>Advances in Atmospheric Sciences</i> , 2013, 30, 397-410.	4.3	51
46	Interdecadal Changes in Summertime Tropical Cyclone Precipitation over Southeast China during 1960–2009. <i>Journal of Climate</i> , 2015, 28, 1494-1509.	3.2	48
47	Urban heat islands in Hong Kong: statistical modeling and trend detection. <i>Natural Hazards</i> , 2016, 83, 885-907.	3.4	48
48	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.	3.2	47
49	Long-term Change in Summer Water Vapor Transport over South China in Recent Decades. <i>Journal of the Meteorological Society of Japan</i> , 2011, 89A, 271-282.	1.8	45
50	A strong phase reversal of the Arctic Oscillation in midwinter 2015/2016: Role of the stratospheric polar vortex and tropospheric blocking. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 13,443.	3.3	45
51	Effects of the Pacific–Japan teleconnection pattern on tropical cyclone activity and extreme precipitation events over the Korean peninsula. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	44
52	Effects of the East Asian summer monsoon on tropical cyclone genesis over the South China Sea on an interdecadal time scale. <i>Advances in Atmospheric Sciences</i> , 2012, 29, 249-262.	4.3	44
53	Changes in the East Asian cold season since 2000. <i>Advances in Atmospheric Sciences</i> , 2011, 28, 69-79.	4.3	43
54	Wet-to-dry shift over Southwest China in 1994 tied to the warming of tropical warm pool. <i>Climate Dynamics</i> , 2018, 51, 3111-3123.	3.8	43

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55	Solar cycle modulation of the ENSO impact on the winter climate of East Asia. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 5111-5119.	3.3	42
56	Multiscale control of summertime persistent heavy precipitation events over South China in association with synoptic, intraseasonal, and low-frequency background. <i>Climate Dynamics</i> , 2015, 45, 1043-1057.	3.8	42
57	Atmospheric Water Vapor Transport Associated with Two Decadal Rainfall Shifts over East China. <i>Journal of the Meteorological Society of Japan</i> , 2012, 90, 587-602.	1.8	41
58	Interdecadal modulation of the influence of La Niña events on mei-yu rainfall over the Yangtze River valley. <i>Advances in Atmospheric Sciences</i> , 2012, 29, 157-168.	4.3	41
59	Analysis of the role played by circulation in the persistent precipitation over South China in June 2010. <i>Advances in Atmospheric Sciences</i> , 2012, 29, 769-781.	4.3	40
60	Comparison of the Annual Cycles of Moisture Supply over Southwest and Southeast China. <i>Journal of Climate</i> , 2013, 26, 10139-10158.	3.2	40
61	Detecting the origins of moisture over southeast China: Seasonal variation and heavy rainfall. <i>Advances in Atmospheric Sciences</i> , 2016, 33, 319-329.	4.3	38
62	Variation of circulation and East Asian climate associated with anomalous strength and displacement of the East Asian trough. <i>Climate Dynamics</i> , 2015, 45, 2713-2732.	3.8	36
63	Interdecadal variation of the relationship between Indian rainfall and SSTA modes in the Indian Ocean. <i>International Journal of Climatology</i> , 2006, 26, 595-606.	3.5	35
64	Statistical modeling and CMIP5 simulations of hot spell changes in China. <i>Climate Dynamics</i> , 2015, 44, 2859-2872.	3.8	34
65	Understanding and detecting super-extreme droughts in Southwest China through an integrated approach and index. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2016, 142, 529-535.	2.7	34
66	An evaluation of air quality modeling over the Pearl River Delta during November 2006. <i>Meteorology and Atmospheric Physics</i> , 2012, 116, 113-132.	2.0	33
67	High and low latitude types of the downstream influences of the North Atlantic Oscillation. <i>Climate Dynamics</i> , 2014, 42, 1097-1111.	3.8	33
68	Interannual and Interdecadal Variability of the Number of Cold Days in Hong Kong and Their Relationship with Large-Scale Circulation. <i>Monthly Weather Review</i> , 2015, 143, 1438-1454.	1.4	33
69	Meridional displacement of the East Asian trough and its response to the ENSO forcing. <i>Climate Dynamics</i> , 2017, 48, 335-352.	3.8	33
70	Change in early-summer meridional teleconnection over the western North Pacific and East Asia around the late 1970s. <i>International Journal of Climatology</i> , 2010, 30, 2195-2204.	3.5	32
71	Modulation of the interannual variation of the India-Burma Trough on the winter moisture supply over Southwest China. <i>Climate Dynamics</i> , 2016, 46, 147-158.	3.8	32
72	Extreme subsurface warm events in the South China Sea during 1998/99 and 2006/07: observations and mechanisms. <i>Climate Dynamics</i> , 2018, 50, 115-128.	3.8	32

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73	An air pollution episode and its formation mechanism during the tropical cyclone Nuri's landfall in a coastal city of south China. <i>Atmospheric Environment</i> , 2012, 54, 746-753.	4.1	31
74	Different Enhancement of the East Asian Summer Monsoon under Global Warming and Interglacial Epochs Simulated by CMIP6 Models: Role of the Subtropical High. <i>Journal of Climate</i> , 2020, 33, 9721-9733.	3.2	31
75	Decadal/interdecadal variations of the ocean temperature and its impacts on climate. <i>Advances in Atmospheric Sciences</i> , 2006, 23, 964-981.	4.3	30
76	Direct and indirect ENSO modulation of winter temperature over the Asianâ€“Pacificâ€“American region. <i>Scientific Reports</i> , 2016, 6, 36356.	3.3	30
77	Consistent responses of East Asian summer mean rainfall to global warming in CMIP5 simulations. <i>Theoretical and Applied Climatology</i> , 2014, 117, 123-131.	2.8	28
78	Remote impact of North Atlantic sea surface temperature on rainfall in southwestern China during boreal spring. <i>Climate Dynamics</i> , 2018, 50, 541-553.	3.8	28
79	Drier North American Monsoon in Contrast to Asianâ€“African Monsoon under Global Warming. <i>Journal of Climate</i> , 2020, 33, 9801-9816.	3.2	28
80	On two different objective procedures for classifying synoptic weather types over east Australia. <i>International Journal of Climatology</i> , 2012, 32, 1475-1494.	3.5	27
81	Influence of Tropical Cyclones on Hong Kong Air Quality. <i>Advances in Atmospheric Sciences</i> , 2018, 35, 1177-1188.	4.3	26
82	Diversity of the Wintertime Arctic Oscillation Pattern among CMIP5 Models: Role of the Stratospheric Polar Vortex. <i>Journal of Climate</i> , 2019, 32, 5235-5250.	3.2	26
83	Phase relationship between summer and winter monsoons over the South China Sea: Indian Ocean and ENSO forcing. <i>Climate Dynamics</i> , 2019, 52, 5229-5248.	3.8	26
84	Projection of West African summer monsoon rainfall in dynamically downscaled CMIP5 models. <i>Climate Dynamics</i> , 2019, 53, 81-95.	3.8	25
85	Covariation of the Indonesian throughflow and South China Sea throughflow associated with the 1976/77 regime shift. <i>Advances in Atmospheric Sciences</i> , 2010, 27, 87-94.	4.3	24
86	Interannual heat content variability in the South China Sea and its response to ENSO. <i>Dynamics of Atmospheres and Oceans</i> , 2010, 50, 400-414.	1.8	24
87	Climatological Characteristics and Observed Trends of Tropical Cycloneâ€“Induced Rainfall and Their Influences on Long-Term Rainfall Variations in Hong Kong. <i>Monthly Weather Review</i> , 2015, 143, 2192-2206.	1.4	24
88	Simple metrics for representing East Asian winter monsoon variability: Urals blocking and western Pacific teleconnection patterns. <i>Advances in Atmospheric Sciences</i> , 2016, 33, 695-705.	4.3	24
89	Revisiting the Northern Mode of East Asian Winter Monsoon Variation and Its Response to Global Warming. <i>Journal of Climate</i> , 2018, 31, 9001-9014.	3.2	24
90	Revisiting the intraseasonal, interannual and interdecadal variability of tropical cyclones in the western North Pacific. <i>Atmospheric and Oceanic Science Letters</i> , 2018, 11, 198-208.	1.3	24

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91	Contrasting changes in the sea surface temperature and upper ocean heat content in the South China Sea during recent decades. <i>Climate Dynamics</i> , 2019, 53, 1597-1612.	3.8	24
92	Amplification of synoptic to annual variability of West African summer monsoon rainfall under global warming. <i>Npj Climate and Atmospheric Science</i> , 2020, 3, .	6.8	24
93	Two Approaches for Statistical Prediction of Non-Gaussian Climate Extremes: A Case Study of Macao Hot Extremes during 1912–2012. <i>Journal of Climate</i> , 2015, 28, 623-636.	3.2	23
94	Ensemble-based CMIP5 simulations of West African summer monsoon rainfall: current climate and future changes. <i>Theoretical and Applied Climatology</i> , 2019, 136, 1021-1031.	2.8	23
95	Delayed impacts of the IOD: cross-seasonal relationships between the IOD, Tibetan Plateau snow, and summer precipitation over the Yangtze–Huaihe River region. <i>Climate Dynamics</i> , 2019, 53, 4077-4093.	3.8	23
96	The 2019 Autumn Hot Drought Over the Middle–Lower Reaches of the Yangtze River in China: Early Propagation, Process Evolution, and Concurrence. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033742.	3.3	22
97	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.	3.5	21
98	Projections of the advance in the start of the growing season during the 21st century based on CMIP5 simulations. <i>Advances in Atmospheric Sciences</i> , 2015, 32, 831-838.	4.3	21
99	Implications of Ural Blocking for East Asian Winter Climate in CMIP5 GCMs. Part I: Biases in the Historical Scenario. <i>Journal of Climate</i> , 2015, 28, 2203-2216.	3.2	21
100	Dynamic and thermodynamic factors controlling increasing summer monsoon rainfall over the West African Sahel. <i>Climate Dynamics</i> , 2019, 52, 4501-4514.	3.8	21
101	Remote Tropical Western Indian Ocean Forcing on Changes in June Precipitation in South China and the Indochina Peninsula. <i>Journal of Climate</i> , 2020, 33, 7553-7566.	3.2	21
102	Trends of sea level variations in the Indo-Pacific warm pool. <i>Global and Planetary Change</i> , 2008, 63, 57-66.	3.5	20
103	Response of Winter Moisture Circulation to the India–Burma Trough and Its Modulation by the South Asian Waveguide. <i>Journal of Climate</i> , 2017, 30, 1197-1210.	3.2	20
104	Impact of Arctic amplification on East Asian winter climate. <i>Atmospheric and Oceanic Science Letters</i> , 2017, 10, 385-388.	1.3	20
105	El Niño Modoki and the Summer Precipitation Variability over South Korea: A Diagnostic Study. <i>Journal of the Meteorological Society of Japan</i> , 2012, 90, 673-684.	1.8	20
106	Numerical Study of The Effect of Traffic Restriction on Air Quality in Beijing. <i>Scientific Online Letters on the Atmosphere</i> , 2010, 6A, 17-20.	1.4	20
107	Decadal and interannual variability of the Indian Ocean Dipole. <i>Advances in Atmospheric Sciences</i> , 2008, 25, 856-866.	4.3	19
108	A Simple Empirical Model for Estimating the Intensity Change of Tropical Cyclones after Landfall along the South China Coast. <i>Journal of Applied Meteorology and Climatology</i> , 2008, 47, 326-338.	1.5	19

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109	The implications of El Niño-Southern Oscillation signal for South China monsoon climate. <i>Aquatic Ecosystem Health and Management</i> , 2012, 15, 14-19.	0.6	19
110	Synoptic-Scale Waves in Sheared Background Flow over the Western North Pacific. <i>Journals of the Atmospheric Sciences</i> , 2016, 73, 4583-4603.	1.7	19
111	Vertical structure, physical properties, and energy exchange of the East Asian trough in boreal winter. <i>Climate Dynamics</i> , 2015, 45, 1635-1656.	3.8	18
112	Circumglobal teleconnection and eddy control of variation in summer precipitation over Northwest China. <i>Climate Dynamics</i> , 2018, 51, 1351-1362.	3.8	18
113	Remarkable link between projected uncertainties of Arctic sea-ice decline and winter Eurasian climate. <i>Advances in Atmospheric Sciences</i> , 2018, 35, 38-51.	4.3	18
114	Role of the South Asian High in the Onset Process of the Asian Summer Monsoon during Spring-to-Summer Transition. <i>Atmosphere</i> , 2019, 10, 239.	2.3	18
115	Variability of tropical cyclone occurrence date in the South China Sea and its relationship with SST warming. <i>Dynamics of Atmospheres and Oceans</i> , 2012, 55-56, 45-59.	1.8	17
116	Eddy contributions at multiple timescales to the evolution of persistent anomalous East Asian trough. <i>Climate Dynamics</i> , 2016, 46, 2287-2303.	3.8	17
117	Analysis of Record-High Temperature over Southeast Coastal China in Winter 2018/19: The Combined Effect of Mid- to High-Latitude Circulation Systems and SST Forcing over the North Atlantic and Tropical Western Pacific. <i>Journal of Climate</i> , 2020, 33, 8813-8831.	3.2	17
118	Warming in the northwestern Indian Ocean associated with the El Niño event. <i>Advances in Atmospheric Sciences</i> , 2008, 25, 246-252.	4.3	16
119	Variability and risk analysis of Hong Kong air quality based on Monsoon and El Niño conditions. <i>Advances in Atmospheric Sciences</i> , 2013, 30, 280-290.	4.3	16
120	The contribution of different aerosol sources to the Aerosol Optical Depth in Hong Kong. <i>Atmospheric Environment</i> , 2014, 83, 145-154.	4.1	16
121	Energetics and dynamics associated with two typical mobile trough pathways over East Asia in boreal winter. <i>Climate Dynamics</i> , 2015, 44, 1611-1626.	3.8	16
122	Historical change and future scenarios of sea level rise in Macau and adjacent waters. <i>Advances in Atmospheric Sciences</i> , 2016, 33, 462-475.	4.3	16
123	Evaluation and Projections of Wind Power Resources over China for the Energy Industry Using CMIP5 Models. <i>Energies</i> , 2020, 13, 2417.	3.1	16
124	Understanding the Variability of West African Summer Monsoon Rainfall: Contrasting Tropospheric Features and Monsoon Index. <i>Atmosphere</i> , 2020, 11, 309.	2.3	16
125	An Interdecadal Change of the Boreal Summer Silk Road Pattern around the Late 1990s. <i>Journal of Climate</i> , 2020, 33, 7083-7100.	3.2	16
126	Remote influence of North Atlantic <sc>SST</sc> on the equatorial westerly wind anomalies in the western Pacific for initiating an El Niño event: an Atmospheric General Circulation Model Study. <i>Atmospheric Science Letters</i> , 2013, 14, 107-111.	1.9	15

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127	Self-organized type-II In _{0.55} Al _{0.45} As/Al _{0.50} Ga _{0.50} As quantum dots realized on GaAs(311)A. Applied Physics Letters, 2000, 76, 3741-3743.	3.3	14
128	The linkage between the Pacific-North American teleconnection pattern and the North Atlantic Oscillation. Advances in Atmospheric Sciences, 2009, 26, 229-239.	4.3	14
129	Predictability of the wintertime 500hPa geopotential height over Ural-Siberia in the NCEP climate forecast system. Climate Dynamics, 2020, 54, 1591-1606.	3.8	14
130	IOD, ENSO, and seasonal precipitation variation over Eastern China. Atmospheric Research, 2022, 270, 106042.	4.1	14
131	Photoluminescence studies of type-II self-assembled In _{0.55} Al _{0.45} As/Al _{0.5} Ga _{0.5} As quantum dots grown on (311)A GaAs substrate. Applied Physics Letters, 2000, 76, 3188-3190.	3.3	13
132	Interdecadal mode and its propagating characteristics of SSTA in the South Pacific. Meteorology and Atmospheric Physics, 2007, 98, 115-124.	2.0	13
133	Dynamics of eddy-driven North Atlantic Oscillations in a localized shifting jet: zonal structure and downstream blocking. Climate Dynamics, 2010, 34, 73-100.	3.8	13
134	Impact of the South China Sea throughflow on the pacific low-latitude western boundary current: A numerical study for seasonal and interannual time scales. Advances in Atmospheric Sciences, 2011, 28, 1367-1376.	4.3	13
135	Assessment and Performance Evaluation of a Wind Turbine Power Output. Energies, 2018, 11, 1992.	3.1	13
136	Modulations of rising motion and moisture on summer precipitation over the middle and lower reaches of the Yangtze river. Climate Dynamics, 2018, 51, 4259-4269.	3.8	13
137	Detection and attribution of upper-tropospheric warming over the tropical western Pacific. Climate Dynamics, 2019, 53, 3057-3068.	3.8	13
138	Identifying spatial extent of meteorological droughts: An examination over a humid region. Journal of Hydrology, 2020, 591, 125505.	5.4	13
139	Signature of the Antarctic oscillation in the northern hemisphere. Meteorology and Atmospheric Physics, 2009, 105, 55-67.	2.0	12
140	Regional moisture budget associated with drought/flood events over China. Progress in Earth and Planetary Science, 2017, 4, .	3.0	12
141	Interdecadal change in the summer SST-precipitation relationship around the late 1990s over the South China Sea. Climate Dynamics, 2018, 51, 2229-2246.	3.8	12
142	North Atlantic as a Trigger for Pacific-Wide Decadal Climate Change. Geophysical Research Letters, 2021, 48, e2021GL094719.	4.0	12
143	Effect of boundary layer latent heating on MJO simulations. Advances in Atmospheric Sciences, 2013, 30, 101-115.	4.3	11
144	Statistical modeling and trend detection of extreme sea level records in the Pearl River Estuary. Advances in Atmospheric Sciences, 2017, 34, 383-396.	4.3	11

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145	Impact of long-range desert dust transport on coastal East Asia: analysis of urban dust concentration and wet deposition with model simulation. <i>Air Quality, Atmosphere and Health</i> , 2017, 10, 325-337.	3.3	11
146	East Asian summer monsoon enhanced by COVID-19. <i>Climate Dynamics</i> , 2022, 59, 2965-2978.	3.8	11
147	Climatology of Anticyclonic and Cyclonic Rossby Wave Breaking on the Dynamical Tropopause in the Southern Hemisphere. <i>Journal of Climate</i> , 2011, 24, 1239-1251.	3.2	10
148	Interdecadal Shift of the Relationship between ENSO and Winter Synoptic Temperature Variability over the Asianâ€‘Pacificâ€‘American Region in the 1980s. <i>Journal of Climate</i> , 2021, 34, 5321-5335.	3.2	10
149	To begin or not to begin? A case study on the MJO initiation problem. <i>Theoretical and Applied Climatology</i> , 2014, 115, 231-241.	2.8	9
150	Extreme rainfall and summer heat waves in Macau based on statistical theory of extreme values. <i>Climate Research</i> , 2015, 66, 91-101.	1.1	9
151	Delivery of 12QAM Single Carrier Signal in a MIMO Radio-Over-Fiber System at 60ÅGHz. <i>IEEE Photonics Journal</i> , 2017, 9, 1-7.	2.0	9
152	Modulation of the southern Indian Ocean dipole on the impact of El NiÃ±oâ€‘Southern Oscillation on Australian summer rainfall. <i>International Journal of Climatology</i> , 2019, 39, 2484-2490.	3.5	9
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