

Juan Feng

List of Publications by Year in descending order

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62
papers

2,177
citations

257450

24
h-index

243625

44
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all docs

62
docs citations

62
times ranked

1580
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced Tropospheric Biennial Oscillation of the East Asian Summer Monsoon since the Late 1970s. <i>Journal of Climate</i> , 2022, 35, 1613-1628.	3.2	5
2	Respective and combined impacts of north Indian Ocean and tropical North Atlantic SST anomalies on the sub-seasonal evolution of anomalous western North Pacific anticyclone. <i>Journal of Climate</i> , 2022, , 1-30.	3.2	6
3	Characteristics of the linkage between the boreal winter Hadley cell and various tropical sea surface temperature meridional structures. <i>International Journal of Climatology</i> , 2021, 41, E463.	3.5	0
4	Roles of ENSO in the Link of the East Asian Summer Monsoon to the Ensuing Winter Monsoon. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033994.	3.3	11
5	Relative contributions of environmental factors on different time scales to tropical cyclogenesis over the eastern North Pacific. <i>Atmospheric Science Letters</i> , 2021, 22, e1037.	1.9	2
6	Persistence and breakdown of the western North Pacific anomalous anticyclone during the EP and CP El Niño decaying spring. <i>Climate Dynamics</i> , 2021, 57, 3529-3544.	3.8	6
7	Evaluation of CMIP5 models in simulating the respective impacts of East Asian winter monsoon and ENSO on the western North Pacific anomalous anticyclone. <i>International Journal of Climatology</i> , 2020, 40, 805-821.	3.5	3
8	Variability of boreal spring Hadley circulation over the Asian monsoon domain and its relationship with tropical SST. <i>Climate Dynamics</i> , 2020, 54, 1655-1669.	3.8	7
9	Contrasting impacts of two types of El Niño on the yields of early rice in Southern China. <i>Agronomy Journal</i> , 2020, 112, 1084-1100.	1.8	4
10	Aerosol concentrations variability over China: two distinct leading modes. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 9883-9893.	4.9	11
11	An investigation of CMIP5 model biases in simulating the impacts of central Pacific El Niño on the East Asian summer monsoon. <i>Climate Dynamics</i> , 2019, 52, 2631-2646.	3.8	13
12	Effect of El Niño on the response ratio of Hadley circulation to different SST meridional structures. <i>Climate Dynamics</i> , 2019, 53, 3877-3891.	3.8	17
13	Recent Progress in Studies of the Variabilities and Mechanisms of the East Asian Monsoon in a Changing Climate. <i>Advances in Atmospheric Sciences</i> , 2019, 36, 887-901.	4.3	89
14	Simulated coordinated impacts of the previous autumn North Atlantic Oscillation (NAO) and winter El Niño on winter aerosol concentrations over eastern China. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 10787-10800.	4.9	23
15	Long-Term Trend of the Tropical Pacific Trade Winds Under Global Warming and Its Causes. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 2626-2640.	2.6	15
16	Linear respective roles of El Niño–Southern Oscillation and East Asian winter monsoon in the formation of the western North Pacific anticyclone. <i>International Journal of Climatology</i> , 2019, 39, 3257-3270.	3.5	4
17	Influence of the strongest central Pacific El Niño–Southern Oscillation events on the precipitation in eastern China. <i>International Journal of Climatology</i> , 2019, 39, 3076-3090.	3.5	12
18	Structural Changes in the Pacific–Japan Pattern in the Late 1990s. <i>Journal of Climate</i> , 2019, 32, 607-621.	3.2	58

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19	The contrasting response of Hadley circulation to different meridional structure of sea surface temperature in CMIP5. <i>Theoretical and Applied Climatology</i> , 2019, 135, 633-647.	2.8	4
20	Cross-seasonal Influence of the SAM on Southern Hemisphere Extratropical SST and its Relationship with Meridional Circulation in CMIP5 models. <i>International Journal of Climatology</i> , 2018, 38, 1499-1519.	3.5	9
21	A Comparison of the Response of the Hadley Circulation to Different Tropical SST Meridional Structures During the Equinox Seasons. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 2591-2604.	3.3	12
22	PDO modulation of the ENSO impact on the summer South Asian high. <i>Climate Dynamics</i> , 2018, 50, 1393-1411.	3.8	41
23	Decadal-scale teleconnection between South Atlantic SST and southeast Australia surface air temperature in austral summer. <i>Climate Dynamics</i> , 2018, 50, 2687-2703.	3.8	11
24	Modulation effects of the East Asian winter monsoon on El Niño-related rainfall anomalies in southeastern China. <i>Scientific Reports</i> , 2018, 8, 14107.	3.3	20
25	Asymmetric responses of the Philippine Sea anomalous anticyclone/cyclone to two types of El Niño Southern Oscillation during the boreal winter. <i>Atmospheric Science Letters</i> , 2018, 19, e866.	1.9	7
26	Modulation of the Meridional Structures of the Indo-Pacific Warm Pool on the Response of the Hadley Circulation to Tropical SST. <i>Journal of Climate</i> , 2018, 31, 8971-8984.	3.2	7
27	Impact of two types of La Niña on boreal autumn rainfall around Southeast Asia and Australia. <i>Atmospheric and Oceanic Science Letters</i> , 2018, 11, 1-6.	1.3	5
28	Impact of the South China Sea Summer Monsoon on the Indian Ocean Dipole. <i>Journal of Climate</i> , 2018, 31, 6557-6573.	3.2	30
29	Relationship between the Hadley Circulation and Different Tropical Meridional SST Structures during Boreal Summer. <i>Journal of Climate</i> , 2018, 31, 6575-6590.	3.2	14
30	Combined Impacts of PDO and Two Types of La Niña on Climate Anomalies in Europe. <i>Journal of Climate</i> , 2017, 30, 3253-3278.	3.2	34
31	Decadal Indian Ocean dipolar variability and its relationship with the tropical Pacific. <i>Advances in Atmospheric Sciences</i> , 2017, 34, 1282-1289.	4.3	20
32	Equilibrium response to carbon dioxide and aerosol forcing changes in a 1D air-sea interactive model. <i>Atmospheric Science Letters</i> , 2017, 18, 118-124.	1.9	0
33	The responses of the Hadley circulation to different meridional SST structures in the seasonal cycle. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 7785-7799.	3.3	13
34	Simulated contrasting influences of two La Niña Modoki events on aerosol concentrations over eastern China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 2734-2749.	3.3	22
35	Impacts of the Tropical Pacific Cold Tongue Mode on ENSO Diversity Under Global Warming. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 8524-8542.	2.6	31
36	Asymmetry of the winter extra-tropical teleconnections in the Northern Hemisphere associated with two types of ENSO. <i>Climate Dynamics</i> , 2017, 48, 2135-2151.	3.8	79

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37	Variations in North Pacific sea surface temperature caused by Arctic stratospheric ozone anomalies. <i>Environmental Research Letters</i> , 2017, 12, 114023.	5.2	49
38	Contrasting Responses of the Hadley Circulation to Different Meridional SST Structures during the Seasonal Cycle in CMIP5 Models. <i>Scientific Online Letters on the Atmosphere</i> , 2017, 13, 102-108.	1.4	0
39	Decreased Response Contrast of Hadley Circulation to the Equatorially Asymmetric and Symmetric Tropical SST Structures during the Recent Hiatus. <i>Scientific Online Letters on the Atmosphere</i> , 2017, 13, 181-185.	1.4	3
40	A connection from Arctic stratospheric ozone to El Niño-Southern oscillation. <i>Environmental Research Letters</i> , 2016, 11, 124026.	5.2	80
41	The Multidecadal Variability of the Asymmetric Mode of the Boreal Autumn Hadley Circulation and Its Link to the Atlantic Multidecadal Oscillation. <i>Journal of Climate</i> , 2016, 29, 5625-5641.	3.2	40
42	Contrasting Impacts of Developing Phases of Two Types of El Niño on Southern China Rainfall. <i>Journal of the Meteorological Society of Japan</i> , 2016, 94, 359-370.	1.8	36
43	Climatological Vertical Features of Hadley Circulation Depicted by the NCEP/NCAR, ERA40, NCEP-DOE, JRA25, ERA-Interim, and CFSR Reanalyses. <i>Scientific Online Letters on the Atmosphere</i> , 2016, 12, 237-241.	1.4	5
44	Contrasting Responses of the Hadley Circulation to Equatorially Asymmetric and Symmetric Meridional Sea Surface Temperature Structures. <i>Journal of Climate</i> , 2016, 29, 8949-8963.	3.2	30
45	Influences of El Niño on aerosol concentrations over eastern China. <i>Atmospheric Science Letters</i> , 2016, 17, 422-430.	1.9	11
46	Influences of El Niño Modoki event 1994/1995 on aerosol concentrations over southern China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 1637-1651.	3.3	30
47	Simulation of the equatorially asymmetric mode of the Hadley circulation in CMIP5 models. <i>Advances in Atmospheric Sciences</i> , 2015, 32, 1129-1142.	4.3	16
48	Relative Importance of the Austral Summer and Autumn SAM in Modulating Southern Hemisphere Extratropical Autumn SST*. <i>Journal of Climate</i> , 2015, 28, 8003-8020.	3.2	13
49	Contrasting Madden-Julian Oscillation activity during various stages of El Niño and El Niño. <i>Atmospheric Science Letters</i> , 2015, 16, 32-37.	1.9	43
50	How Does the East Asian Summer Monsoon Behave in the Decaying Phase of El Niño during Different PDO Phases?. <i>Journal of Climate</i> , 2014, 27, 2682-2698.	3.2	152
51	Influence of the IOD on the relationship between El Niño Modoki and the East Asian-western North Pacific summer monsoon. <i>International Journal of Climatology</i> , 2014, 34, 1729-1736.	3.5	18
52	Interference of the East Asian winter monsoon in the impact of ENSO on the East Asian summer monsoon in decaying phases. <i>Advances in Atmospheric Sciences</i> , 2014, 31, 344-354.	4.3	19
53	Indo-Pacific Warm Pool Area Expansion, Modoki Activity and Tropical Cold-Point Tropopause Temperature Variations. <i>Scientific Reports</i> , 2014, 4, 4552.	3.3	31
54	Long-Term Variation of the Principal Mode of Boreal Spring Hadley Circulation Linked to SST over the Indo-Pacific Warm Pool. <i>Journal of Climate</i> , 2013, 26, 532-544.	3.2	51

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55	Boreal summer convection oscillation over the Indo-Western Pacific and its relationship with the East Asian summer monsoon. <i>Atmospheric Science Letters</i> , 2013, 14, 66-71.	1.9	27
56	Contrasting Impacts of Two Types of ENSO on the Boreal Spring Hadley Circulation. <i>Journal of Climate</i> , 2013, 26, 4773-4789.	3.2	113
57	Increased summer rainfall in northwest Australia linked to southern Indian Ocean climate variability. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 467-480.	3.3	24
58	A Teleconnection between the Reduction of Rainfall in Southwest Western Australia and North China. <i>Journal of Climate</i> , 2012, 25, 8444-8461.	3.2	54
59	A possible cause of decreasing summer rainfall in northeast Australia. <i>International Journal of Climatology</i> , 2012, 32, 995-1005.	3.5	39
60	Influence of El Niño Modoki on spring rainfall over south China. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	221
61	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
62	Different impacts of two types of Pacific Ocean warming on Southeast Asian rainfall during boreal winter. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	174