

Xu Kang

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

548
citations

687363

13
h-index

677142

22
g-index

28
all docs

28
docs citations

28
times ranked

517
citing authors

#	ARTICLE	IF	CITATIONS
1	Diversity of Marine Heatwaves in the South China Sea Regulated by ENSO Phase. <i>Journal of Climate</i> , 2022, 35, 877-893.	3.2	35
2	Roles of Equatorial Ocean Currents in Sustaining the Indian Ocean Dipole Peak. <i>Journal of Ocean University of China</i> , 2022, 21, 622-632.	1.2	0
3	Exceptionally prolonged extreme heat waves over South China in early summer 2020: The role of warming in the tropical Indian Ocean. <i>Atmospheric Research</i> , 2022, 278, 106335.	4.1	18
4	Future impacts of two types of El Niño on East Asian rainfall based on CMIP5 model projections. <i>Climate Dynamics</i> , 2021, 56, 899-916.	3.8	6
5	Diversity of the Coupling Wheels in the East Asian Summer Monsoon on the Interannual Time Scale: Challenge of Summer Rainfall Forecasting in China. <i>Advances in Atmospheric Sciences</i> , 2021, 38, 546-554.	4.3	0
6	A new presentation of the Indian Ocean shallow overturning circulation from a vertical perspective. <i>Atmospheric and Oceanic Science Letters</i> , 2021, 14, 100061.	1.3	1
7	Change in Coherence of Summer Rainfall Variability over the Western Pacific around the Early 2000s: ENSO Influence. <i>Journal of Climate</i> , 2020, 33, 1105-1119.	3.2	12
8	Effects of monsoon onset vortex on heat budget in the mixed layer of the Bay of Bengal. <i>Journal of Oceanology and Limnology</i> , 2020, 38, 1616-1631.	1.3	5
9	Aggravation of Record-Breaking Drought over the Mid-Lower Reaches of the Yangtze River in the Post-monsoon Season of 2019 by Anomalous Indo-Pacific Oceanic Conditions. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090847.	4.0	19
10	Attenuation of Central Pacific El Niño Amplitude by North Pacific Sea Surface Temperature Anomalies. <i>Journal of Climate</i> , 2020, 33, 6673-6688.	3.2	12
11	Precipitation and the Associated Moist Static Energy Budget off Western Australia in Conjunction with Ningaloo Niño. <i>Frontiers in Earth Science</i> , 2020, 8, .	1.8	8
12	Evolution of IOD-ENSO relationship at multiple time scales. <i>Theoretical and Applied Climatology</i> , 2019, 136, 1303-1309.	2.8	12
13	Precessional Forced Zonal Triple-Pole Anomalies in the Tropical Pacific Annual Cycle. <i>Journal of Climate</i> , 2019, 32, 7369-7402.	3.2	3
14	El Niño's East Asian monsoon teleconnection and its diversity in CMIP5 models. <i>Climate Dynamics</i> , 2019, 53, 6417-6435.	3.8	14
15	Record-Breaking Northward Shift of the Western North Pacific Subtropical High in July 2018. <i>Journal of the Meteorological Society of Japan</i> , 2019, 97, 913-925.	1.8	34
16	Weakening of the El Niño amplitude since the late 1990s and its link to decadal change in the North Pacific climate. <i>International Journal of Climatology</i> , 2019, 39, 4125-4138.	3.5	14
17	Roles of tropical SST patterns during two types of ENSO in modulating wintertime rainfall over southern China. <i>Climate Dynamics</i> , 2019, 52, 523-538.	3.8	42
18	Land surface air temperature variations over Eurasia and possible causes in the past century. <i>International Journal of Climatology</i> , 2018, 38, 1925-1937.	3.5	9

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19	Thermocline Fluctuations in the Equatorial Pacific Related to the Two Types of El Niño Events. <i>Journal of Climate</i> , 2017, 30, 6611-6627.	3.2	20
20	CMIP5 Projections of Two Types of El Niño and Their Related Tropical Precipitation in the Twenty-First Century. <i>Journal of Climate</i> , 2017, 30, 849-864.	3.2	51
21	The cooperative impacts of the El Niño-Southern Oscillation and the Indian Ocean Dipole on the interannual variability of autumn rainfall in China. <i>International Journal of Climatology</i> , 2016, 36, 1987-1999.	3.5	52
22	Two Types of Interannual Variability of South China Sea Summer Monsoon Onset Related to the SST Anomalies before and after 1993/94. <i>Journal of Climate</i> , 2016, 29, 6957-6971.	3.2	34
23	Precipitation variability and response to changing climatic condition in the Yarlung Tsangpo River basin, China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 8820-8831.	3.3	58
24	The natural oscillation of two types of ENSO events based on analyses of CMIP5 model control runs. <i>Advances in Atmospheric Sciences</i> , 2014, 31, 801-813.	4.3	15
25	Two types of El Niño-related Southern Oscillation and their different impacts on global land precipitation. <i>Advances in Atmospheric Sciences</i> , 2013, 30, 1743-1757.	4.3	35
26	Estimating Wheat Shoot Nitrogen Content at Vegetative Stage from In Situ Hyperspectral Measurements. <i>Crop Science</i> , 2013, 53, 2063-2071.	1.8	11
27	Linkage between the dominant modes in Pacific subsurface ocean temperature and the two type ENSO events. <i>Science Bulletin</i> , 2012, 57, 3491-3496.	1.7	26
28	Tropical Pacific Decadal Oscillation in Subsurface Ocean Temperature. <i>Atmospheric and Oceanic Science Letters</i> , 2010, 3, 106-110.	1.3	2