Xu Kang

List of Publications by Year
in descending order

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	Precipitation variability and response to changing climatic condition in the Yarlung Tsangpo River basin, China. Journal of Geophysical Research D: Atmospheres, 2016, 121, 8820-8831.	3.3	58
2	The cooperative impacts of the El NiÃ±o-Southern Oscillation and the Indian Ocean Dipole on the interannual variability of autumn rainfall in China. International Journal of Climatology, 2016, 36, 1987-1999.	3.5	52
3	CMIP5 Projections of Two Types of El NiÃ±o and Their Related Tropical Precipitation in the Twenty-First Century. Journal of Climate, 2017, 30, 849-864.	3.2	51
4	Roles of tropical SST patterns during two types of ENSO in modulating wintertime rainfall over southern China. Climate Dynamics, 2019, 52, 523-538.	3.8	42
5	Two types of El NiÃ±o-related Southern Oscillation and their different impacts on global land precipitation. Advances in Atmospheric Sciences, 2013, 30, 1743-1757.	4.3	35
6	Diversity of Marine Heatwaves in the South China Sea Regulated by ENSO Phase. Journal of Climate, 2022, 35, 877-893.	3.2	35
7	Two Types of Interannual Variability of South China Sea Summer Monsoon Onset Related to the SST Anomalies before and after 1993/94. Journal of Climate, 2016, 29, 6957-6971.	3.2	34
8	Record-Breaking Northward Shift of the Western North Pacific Subtropical High in July 2018. Journal of the Meteorological Society of Japan, 2019, 97, 913-925.	1.8	34
9	Linkage between the dominant modes in Pacific subsurface ocean temperature and the two type ENSO events. Science Bulletin, 2012, 57, 3491-3496.	1.7	26
10	Thermocline Fluctuations in the Equatorial Pacific Related to the Two Types of El NiÃ±o Events. Journal of Climate, 2017, 30, 6611-6627.	3.2	20
11	Aggravation of Recordâ€Breaking Drought over the Midâ€toâ€Lower Reaches of the Yangtze River in the Postâ€monsoon Season of 2019 by Anomalous Indoâ€Pacific Oceanic Conditions. Geophysical Research Letters, 2020, 47, e2020GL090847.	4.0	19
12	Exceptionally prolonged extreme heat waves over South China in early summer 2020: The role of warming in the tropical Indian Ocean. Atmospheric Research, 2022, 278, 106335.	4.1	18
13	The natural oscillation of two types of ENSO events based on analyses of CMIP5 model control runs. Advances in Atmospheric Sciences, 2014, 31, 801-813.	4.3	15
14	El NiÃ±oâ€“East Asian monsoon teleconnection and its diversity in CMIP5 models. Climate Dynamics, 2019, 53, 6417-6435.	3.8	14
15	Weakening of the El NiÃ±o amplitude since the late 1990s and its link to decadal change in the North Pacific climate. International Journal of Climatology, 2019, 39, 4125-4138.	3.5	14
16	Evolution of IOD-ENSO relationship at multiple time scales. Theoretical and Applied Climatology, 2019, 136, 1303-1309.	2.8	12
17	Change in Coherence of Summer Rainfall Variability over the Western Pacific around the Early 2000s: ENSO Influence. Journal of Climate, 2020, 33, 1105-1119.	3.2	12
18	Attenuation of Central Pacific El NiÃ±o Amplitude by North Pacific Sea Surface Temperature Anomalies. Journal of Climate, 2020, 33, 6673-6688.	3.2	12

#	Article	IF	Citations
19	Estimating Wheat Shoot Nitrogen Content at Vegetative Stage from In Situ Hyperspectral Measurements. Crop Science, 2013, 53, 2063-2071.	1.8	11
20	Land surface air temperature variations over Eurasia and possible causes in the past century. International Journal of Climatology, 2018, 38, 1925-1937.	3.5	9
21	Precipitation and the Associated Moist Static Energy Budget off Western Australia in Conjunction with Ningaloo NiÃ±o. Frontiers in Earth Science, 2020, 8, .	1.8	8
22	Future impacts of two types of El NiÃ±o on East Asian rainfall based on CMIP5 model projections. Climate Dynamics, 2021, 56, 899-916.	3.8	6
23	Effects of monsoon onset vortex on heat budget in the mixed layer of the Bay of Bengal. Journal of Oceanology and Limnology, 2020, 38, 1616-1631.	1.3	5
24	Precessional Forced Zonal Triple-Pole Anomalies in the Tropical Pacific Annual Cycle. Journal of Climate, 2019, 32, 7369-7402.	3.2	3
25	Tropical Pacific Decadal Oscillation in Subsurface Ocean Temperature. Atmospheric and Oceanic Science Letters, 2010, 3, 106-110.	1.3	2
26	A new presentation of the Indian Ocean shallow overturning circulation from a vertical perspective. Atmospheric and Oceanic Science Letters, 2021, 14, 100061.	1.3	1
27	Diversity of the Coupling Wheels in the East Asian Summer Monsoon on the Interannual Time Scale: Challenge of Summer Rainfall Forecasting in China. Advances in Atmospheric Sciences, 2021, 38, 546-554.	4.3	0
28	Roles of Equatorial Ocean Currents in Sustaining the Indian Ocean Dipole Peak. Journal of Ocean University of China, 2022, 21, 622-632.	1.2	0