Lu Dong

List of Publications by Year
in descending order

20	809	567144 15	752573 20
papers	citations	h-index	g-index

20	20	20	1332
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The DOE E3SM Coupled Model Version 1: Description and Results at High Resolution. Journal of Advances in Modeling Earth Systems, 2019, 11, 4095-4146.	1.3	112
2	The Indian Ocean Sea Surface Temperature Warming Simulated by CMIP5 Models during the Twentieth Century: Competing Forcing Roles of GHGs and Anthropogenic Aerosols. Journal of Climate, 2014, 27, 3348-3362.	1.2	94
3	Indian Ocean warming during 1958â€“2004 simulated by a climate system model and its mechanism. Climate Dynamics, 2014, 42, 203-217.	1.7	88
4	Seasonally dependent responses of subtropical highs and tropical rainfall to anthropogenic warming. Nature Climate Change, 2018, 8, 787-792.	8.1	63
5	The Footprint of the Inter-decadal Pacific Oscillation in Indian Ocean Sea Surface Temperatures. Scientific Reports, 2016, 6, 21251.	1.6	56
6	Changes of Pacific decadal variability in the twentieth century driven by internal variability, greenhouse gases, and aerosols. Geophysical Research Letters, 2014, 41, 8570-8577.	1.5	51
7	Advances in research of ENSO changes and the associated impacts on Asian-Pacific climate. Asia-Pacific Journal of Atmospheric Sciences, 2014, 50, 405-422.	1.3	47
8	The formation of the recent cooling in the eastern tropical Pacific Ocean and the associated climate impacts: A competition of global warming, IPO, and AMO. Journal of Geophysical Research D: Atmospheres, 2014, 119, 11,272.	1.2	47
9	Future Changes in Seasonality of the North Pacific and North Atlantic Subtropical Highs. Geophysical Research Letters, 2018, 45, 11,959.	1.5	42
10	Roles of SST versus Internal Atmospheric Variability in Winter Extreme Precipitation Variability along the U.S. West Coast. Journal of Climate, 2018, 31, 8039-8058.	1.2	39
11	Chinese contribution to CMIP5: An overview of five Chinese modelsâ€™ performances. Journal of Meteorological Research, 2014, 28, 481-509.	0.9	35
12	Contributions of Extreme and Nonâ€Extreme Precipitation to California Precipitation Seasonality Changes Under Warming. Geophysical Research Letters, 2019, 46, 13470-13478.	1.5	29
13	Mechanisms for an Amplified Precipitation Seasonal Cycle in the U.S. West Coast under Global Warming. Journal of Climate, 2019, 32, 4681-4698.	1.2	24
14	Future Changes of Subseasonal Precipitation Variability in North America During Winter Under Global Warming. Geophysical Research Letters, 2018, 45, 12,467.	1.5	20
15	Meteorological Environments Associated With California Wildfires and Their Potential Roles in Wildfire Changes During 1984â€“2017. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD033180.	1.2	19
16	Uncertainty in El NiÃ±o-like warming and California precipitation changes linked by the Interdecadal Pacific Oscillation. Nature Communications, 2021, 12, 6484.	5.8	15
17	Doubleâ€ITCZ as an Emergent Constraint for Future Precipitation Over Mediterranean Climate Regions in the North Hemisphere. Geophysical Research Letters, 2021, 48, e2020GL091569.	1.5	12
18	Steric sea level change in twentieth century historical climate simulation and IPCC-RCP8.5 scenario projection: A comparison of two versions of FGOALS model. Advances in Atmospheric Sciences, 2013, 30, 841-854.	1.9	6

#	Article	IF	Citations
19	Enhanced Predictability of Eastern North Pacific Tropical Cyclone Activity Using the ENSO Longitude Index. Geophysical Research Letters, 2020, 47, e2020GL088849.	1.5	6
20	Winter Precipitation Changes in California Under Global Warming: Contributions of CO₂, Uniform SST Warming, and SST Change Patterns. Geophysical Research Letters, 2021, 48, e2020GL091736.	1.5	4