Fukai Liu

List of Publications by Year
in descending order

26	347	933447 10	839539 18
papers	citations	h-index	g-index

27	27	27	411
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Role of Ocean Dynamical Thermostat in Delaying the El NiÃ±oâ€“Like Response over the Equatorial Pacific to Climate Warming. Journal of Climate, 2017, 30, 2811-2827.	3.2	47
2	Understanding the El NiÃ±o-like oceanic response in the tropical Pacific to global warming. Climate Dynamics, 2015, 45, 1945-1964.	3.8	39
3	The Active Role of the Ocean in the Temporal Evolution of Climate Sensitivity. Geophysical Research Letters, 2018, 45, 306-315.	4.0	33
4	Sensitivity of Surface Temperature to Oceanic Forcing via q-Flux Greenâ€™s Function Experiments. Part I: Linear Response Function. Journal of Climate, 2018, 31, 3625-3641.	3.2	25
5	Changes in ENSO amplitude under climate warming and cooling. Climate Dynamics, 2019, 52, 1871-1882.	3.8	25
6	On the Relative Roles of the Atmosphere and Ocean in the Atlantic Multidecadal Variability. Geophysical Research Letters, 2018, 45, 9186-9196.	4.0	19
7	Contrasting Phase Changes of Precipitation Annual Cycle Between Land and Ocean Under Global Warming. Geophysical Research Letters, 2020, 47, e2020GL090327.	4.0	19
8	Response of the tropical Pacific Ocean to El NiÃ±o versus global warming. Climate Dynamics, 2017, 48, 935-956.	3.8	17
9	Sensitivity of Surface Temperature to Oceanic Forcing via q-Flux Greenâ€™s Function Experiments. Part II: Feedback Decomposition and Polar Amplification. Journal of Climate, 2018, 31, 6745-6761.	3.2	16
10	On the Oceanic Origin for the Enhanced Seasonal Cycle of SST in the Midlatitudes under Global Warming. Journal of Climate, 2020, 33, 8401-8413.	3.2	14
11	Sensitivity of the ITCZ Location to Ocean Forcing Via Qâ€Flux Green's Function Experiments. Geophysical Research Letters, 2018, 45, 13,116.	4.0	12
12	Black Carbon Increases Frequency of Extreme ENSO Events. Journal of Climate, 2019, 32, 8323-8333.	3.2	11
13	The Dominant Contribution of Southern Ocean Heat Uptake to Timeâ€Evolving Radiative Feedback in CESM. Geophysical Research Letters, 2021, 48, e2021GL093302.	4.0	11
14	Sensitivity of Surface Temperature to Oceanic Forcing via q-Flux Greenâ€™s Function Experiments. Part III: Asymmetric Response to Warming and Cooling. Journal of Climate, 2020, 33, 1283-1297.	3.2	10
15	The positive Indian Ocean Dipoleâ€“like response in the tropical Indian Ocean to global warming. Advances in Atmospheric Sciences, 2016, 33, 476-488.	4.3	8
16	Asymmetric Response of the Equatorial Pacific SST to Climate Warming and Cooling. Journal of Climate, 2017, 30, 7255-7270.	3.2	8
17	Response of the equatorial Pacific thermocline to climate warming. Ocean Dynamics, 2018, 68, 1419-1429.	2.2	6
18	Neutral modes of surface temperature and the optimal ocean thermal forcing for global cooling. Npj Climate and Atmospheric Science, 2020, 3, .	6.8	6

#	Article	IF	Citations
19	The Leading Modes of Asian Summer Monsoon Variability as Pulses of Atmospheric Energy Flow. Geophysical Research Letters, 2021, 48, e2020GL091629.	4.0	6
20	The Role of Ocean Dynamics in the Cross-equatorial Energy Transport under a Thermal Forcing in the Southern Ocean. Advances in Atmospheric Sciences, 2021, 38, 1737-1749.	4.3	5
21	Response of the Subtropical Gyre Circulation in the North Pacific Ocean to CO₂ Quadrupling. Atmosphere - Ocean, 2019, 57, 307-317.	1.6	4
22	Linear Response Function Reveals the Most Effective Remote Forcing in Causing September Arctic Sea Ice Melting in CESM. Geophysical Research Letters, 2021, 48, e2021GL094189.	4.0	3
23	Asymmetric response of the eastern tropical Indian SST to climate warming and cooling. Acta Oceanologica Sinica, 2019, 38, 76-85.	1.0	1
24	Asymmetric responses of the meridional ocean heat transport to climate warming and cooling in CESM. Climate Dynamics, 0, , 1.	3.8	1
25	Neutral Mode Dominates the Forced Global and Regional Surface Temperature Response in the Past and Future. Geophysical Research Letters, 2022, 49, .	4.0	1
26	Externally forced symmetric warming in the Arctic and Antarctic during the second half of the twentieth century. Geoscience Letters, 2022, 9, .	3.3	0