

Fukai Liu

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

347
citations

933447

10
h-index

839539

18
g-index

27
all docs

27
docs citations

27
times ranked

411
citing authors

#	ARTICLE	IF	CITATIONS
1	Externally forced symmetric warming in the Arctic and Antarctic during the second half of the twentieth century. <i>Geoscience Letters</i> , 2022, 9, .	3.3	0
2	Neutral Mode Dominates the Forced Global and Regional Surface Temperature Response in the Past and Future. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	1
3	The Leading Modes of Asian Summer Monsoon Variability as Pulses of Atmospheric Energy Flow. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091629.	4.0	6
4	The Dominant Contribution of Southern Ocean Heat Uptake to Time- ϵ -Evolving Radiative Feedback in CESM. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093302.	4.0	11
5	The Role of Ocean Dynamics in the Cross-equatorial Energy Transport under a Thermal Forcing in the Southern Ocean. <i>Advances in Atmospheric Sciences</i> , 2021, 38, 1737-1749.	4.3	5
6	Linear Response Function Reveals the Most Effective Remote Forcing in Causing September Arctic Sea Ice Melting in CESM. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094189.	4.0	3
7	Contrasting Phase Changes of Precipitation Annual Cycle Between Land and Ocean Under Global Warming. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL090327.	4.0	19
8	Neutral modes of surface temperature and the optimal ocean thermal forcing for global cooling. <i>Npj Climate and Atmospheric Science</i> , 2020, 3, .	6.8	6
9	Sensitivity of Surface Temperature to Oceanic Forcing via q -Flux Green's Function Experiments. Part III: Asymmetric Response to Warming and Cooling. <i>Journal of Climate</i> , 2020, 33, 1283-1297.	3.2	10
10	On the Oceanic Origin for the Enhanced Seasonal Cycle of SST in the Midlatitudes under Global Warming. <i>Journal of Climate</i> , 2020, 33, 8401-8413.	3.2	14
11	Changes in ENSO amplitude under climate warming and cooling. <i>Climate Dynamics</i> , 2019, 52, 1871-1882.	3.8	25
12	Asymmetric response of the eastern tropical Indian SST to climate warming and cooling. <i>Acta Oceanologica Sinica</i> , 2019, 38, 76-85.	1.0	1
13	Black Carbon Increases Frequency of Extreme ENSO Events. <i>Journal of Climate</i> , 2019, 32, 8323-8333.	3.2	11
14	Response of the Subtropical Gyre Circulation in the North Pacific Ocean to CO ₂ Quadrupling. <i>Atmosphere - Ocean</i> , 2019, 57, 307-317.	1.6	4
15	The Active Role of the Ocean in the Temporal Evolution of Climate Sensitivity. <i>Geophysical Research Letters</i> , 2018, 45, 306-315.	4.0	33
16	Sensitivity of the ITCZ Location to Ocean Forcing Via Q -Flux Green's Function Experiments. <i>Geophysical Research Letters</i> , 2018, 45, 13,116.	4.0	12
17	Sensitivity of Surface Temperature to Oceanic Forcing via q -Flux Green's Function Experiments. Part II: Feedback Decomposition and Polar Amplification. <i>Journal of Climate</i> , 2018, 31, 6745-6761.	3.2	16
18	Response of the equatorial Pacific thermocline to climate warming. <i>Ocean Dynamics</i> , 2018, 68, 1419-1429.	2.2	6

#	ARTICLE	IF	CITATIONS
19	On the Relative Roles of the Atmosphere and Ocean in the Atlantic Multidecadal Variability. <i>Geophysical Research Letters</i> , 2018, 45, 9186-9196.	4.0	19
20	Sensitivity of Surface Temperature to Oceanic Forcing via q-Flux Greenâ€™s Function Experiments. Part I: Linear Response Function. <i>Journal of Climate</i> , 2018, 31, 3625-3641.	3.2	25
21	Response of the tropical Pacific Ocean to El Niño versus global warming. <i>Climate Dynamics</i> , 2017, 48, 935-956.	3.8	17
22	The Role of Ocean Dynamical Thermostat in Delaying the El Niño-like Response over the Equatorial Pacific to Climate Warming. <i>Journal of Climate</i> , 2017, 30, 2811-2827.	3.2	47
23	Asymmetric Response of the Equatorial Pacific SST to Climate Warming and Cooling. <i>Journal of Climate</i> , 2017, 30, 7255-7270.	3.2	8
24	The positive Indian Ocean Dipole-like response in the tropical Indian Ocean to global warming. <i>Advances in Atmospheric Sciences</i> , 2016, 33, 476-488.	4.3	8
25	Understanding the El Niño-like oceanic response in the tropical Pacific to global warming. <i>Climate Dynamics</i> , 2015, 45, 1945-1964.	3.8	39
26	Asymmetric responses of the meridional ocean heat transport to climate warming and cooling in CESM. <i>Climate Dynamics</i> , 0, , 1.	3.8	1