

Kewei Lyu

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

606
citations

687363

13
h-index

940533

16
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17
all docs

17
docs citations

17
times ranked

873
citing authors

#	ARTICLE	IF	CITATIONS
1	Stratospheric ozone depletion and tropospheric ozone increases drive Southern Ocean interior warming. <i>Nature Climate Change</i> , 2022, 12, 365-372.	18.8	22
2	Recent Shift in the Warming of the Southern Oceans Modulated by Decadal Climate Variability. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL090889.	4.0	6
3	The effects of historical ozone changes on Southern Ocean heat uptake and storage. <i>Climate Dynamics</i> , 2021, 57, 2269-2285.	3.8	10
4	Projected ocean warming constrained by the ocean observational record. <i>Nature Climate Change</i> , 2021, 11, 834-839.	18.8	27
5	Ocean-Only FAFMIP: Understanding Regional Patterns of Ocean Heat Content and Dynamic Sea Level Change. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2019MS002027.	3.8	24
6	Regional Dynamic Sea Level Simulated in the CMIP5 and CMIP6 Models: Mean Biases, Future Projections, and Their Linkages. <i>Journal of Climate</i> , 2020, 33, 6377-6398.	3.2	58
7	Insights From CMIP6 for Australia's Future Climate. <i>Earth's Future</i> , 2020, 8, e2019EF001469.	6.3	164
8	Processes Responsible for the Southern Hemisphere Ocean Heat Uptake and Redistribution under Anthropogenic Warming. <i>Journal of Climate</i> , 2020, 33, 3787-3807.	3.2	20
9	The South China Sea Western Boundary Current. , 2020, , 77-99.		1
10	Climate Model Uncertainty and Trend Detection in Regional Sea Level Projections: A Review. <i>Surveys in Geophysics</i> , 2019, 40, 1631-1653.	4.6	13
11	Climate impacts of the Atlantic Multidecadal Oscillation simulated in the CMIP5 models: A re-evaluation based on a revised index. <i>Geophysical Research Letters</i> , 2017, 44, 3867-3876.	4.0	32
12	Distinguishing the Quasi-Decadal and Multidecadal Sea Level and Climate Variations in the Pacific: Implications for the ENSO-Like Low-Frequency Variability. <i>Journal of Climate</i> , 2017, 30, 5097-5117.	3.2	23
13	The Influences of the Atlantic Multidecadal Oscillation on the Mean Strength of the North Pacific Subtropical High during Boreal Winter. <i>Journal of Climate</i> , 2017, 30, 411-426.	3.2	33
14	Intraseasonal Variability of the Winter Western Boundary Current in the South China Sea Using Satellite Data and Mooring Observations. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2016, 9, 5079-5088.	4.9	7
15	Evaluation of the interdecadal variability of sea surface temperature and sea level in the Pacific in CMIP3 and CMIP5 models. <i>International Journal of Climatology</i> , 2016, 36, 3723-3740.	3.5	33
16	Quantifying internally generated and externally forced climate signals at regional scales in CMIP5 models. <i>Geophysical Research Letters</i> , 2015, 42, 9394-9403.	4.0	24
17	Time of emergence for regional sea-level change. <i>Nature Climate Change</i> , 2014, 4, 1006-1010.	18.8	109