

Xiaoyue Liu

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

618
citations

759055

12
h-index

642610

23
g-index

26
all docs

26
docs citations

26
times ranked

540
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of seasonality in the spread of COVID-19 pandemic. <i>Environmental Research</i> , 2021, 195, 110874.	3.7	192
2	The global oxygen budget and its future projection. <i>Science Bulletin</i> , 2018, 63, 1180-1186.	4.3	68
3	Global prediction system for COVID-19 pandemic. <i>Science Bulletin</i> , 2020, 65, 1884-1887.	4.3	60
4	Declines in global ecological security under climate change. <i>Ecological Indicators</i> , 2020, 117, 106651.	2.6	44
5	The oscillation-outbreaks characteristic of the COVID-19 pandemic. <i>National Science Review</i> , 2021, 8, nwab100.	4.6	30
6	Impact of differences in soil temperature on the desert carbon sink. <i>Geoderma</i> , 2020, 379, 114636.	2.3	24
7	The oxygen cycle and a habitable Earth. <i>Science China Earth Sciences</i> , 2021, 64, 511-528.	2.3	22
8	Attribution of Dry and Wet Climatic Changes over Central Asia. <i>Journal of Climate</i> , 2022, 35, 1399-1421.	1.2	22
9	Taklimakan desert carbon-sink decreases under climate change. <i>Science Bulletin</i> , 2020, 65, 431-433.	4.3	20
10	Estimation of Gridded Atmospheric Oxygen Consumption from 1975 to 2018. <i>Journal of Meteorological Research</i> , 2020, 34, 646-658.	0.9	18
11	Comparison of extreme temperature response to 0.5 Å°C additional warming between dry and humid regions over East-central Asia. <i>International Journal of Climatology</i> , 2019, 39, 3348-3364.	1.5	14
12	Declining Oxygen Level as an Emerging Concern to Global Cities. <i>Environmental Science & Technology</i> , 2021, 55, 7808-7817.	4.6	14
13	The impact of crowd gatherings on the spread of COVID-19. <i>Environmental Research</i> , 2022, 213, 113604.	3.7	14
14	Comparison of the Pacific Decadal Oscillation in climate model simulations and observations. <i>International Journal of Climatology</i> , 2018, 38, e99.	1.5	13
15	Increasing Escape of Oxygen From Oceans Under Climate Change. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086345.	1.5	12
16	Environmental Indicator for COVID-19 Non-Pharmaceutical Interventions. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL090344.	1.5	10
17	Estimation of Oceanic and Land Carbon Sinks Based on the Most Recent Oxygen Budget. <i>Earth's Future</i> , 2021, 9, e2021EF002124.	2.4	8
18	Oxygen footprint: An indicator of the anthropogenic ecosystem changes. <i>Catena</i> , 2021, 206, 105501.	2.2	8

#	ARTICLE	IF	CITATIONS
19	Improving China's summer precipitation prediction in 2020 by observational constrained bias correction. Theoretical and Applied Climatology, 2021, 145, 1317-1331.	1.3	7
20	Multi-model assessment of global temperature variability on different time scales. International Journal of Climatology, 2020, 40, 273-291.	1.5	6
21	Improvement of the global prediction system of the COVID-19 pandemic based on the ensemble empirical mode decomposition (EEMD) and autoregressive moving average (ARMA) model in a hybrid approach COVID-19 的预测系统改进——基于集合经验模态分解和自回归移动平均模型的混合方法. Atmospheric and Oceanic Science Letters, 2021, 14, 100019.		
22	Optimal parameterization of COVID-19 epidemic models. Atmospheric and Oceanic Science Letters, 2021, 14, 100024.	0.5	4
23	The global response of temperature to high-latitude vegetation greening in a two-dimensional energy balance model. Atmospheric and Oceanic Science Letters, 2020, 13, 80-87.	0.5	1
24	Controlling Factors of Historical Variation of Winter Tibetan Plateau Snow Cover Revealed by Large-Ensemble Experiments. Journal of Geophysical Research D: Atmospheres, 2021, 126, .	1.2	1
25	The Variability of Air-sea O ₂ Flux in CMIP6: Implications for Estimating Terrestrial and Oceanic Carbon Sinks. Advances in Atmospheric Sciences, 0, , 1.	1.9	0
26	Water Transmission Increases the Intensity of COVID-19 Outbreaks. Frontiers in Public Health, 2022, 10, .	1.3	0