

Zhongyin Cai

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

843
citations

759233

12
h-index

713466

21
g-index

23
all docs

23
docs citations

23
times ranked

786
citing authors

#	ARTICLE	IF	CITATIONS
1	Massive-Parallel Trajectory Calculations version 2.2 (MPTRAC-2.2): Lagrangian transport simulations on graphics processing units (GPUs). <i>Geoscientific Model Development</i> , 2022, 15, 2731-2762.	3.6	9
2	Season-specific evapotranspiration partitioning using dual water isotopes in a <i>Pinus yunnanensis</i> ecosystem, southwest China. <i>Journal of Hydrology</i> , 2022, 608, 127672.	5.4	10
3	Improved estimation of volcanic SO ₂ injections from satellite retrievals and Lagrangian transport simulations: the 2019 Raikoke eruption. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 6787-6809.	4.9	11
4	Deep lake water balance by dual water isotopes in Yungui Plateau, southwest China. <i>Journal of Hydrology</i> , 2021, 593, 125886.	5.4	7
5	Large-scale atmospheric circulation influences the ice core d-excess record from the central Tibetan Plateau. <i>Climate Dynamics</i> , 2021, 57, 1805-1816.	3.8	4
6	Indian monsoon precipitation isotopes linked with high level cloud cover at local and regional scales. <i>Earth and Planetary Science Letters</i> , 2020, 529, 115837.	4.4	24
7	Control of seasonal water vapor isotope variations at Lhasa, southern Tibetan Plateau. <i>Journal of Hydrology</i> , 2020, 580, 124237.	5.4	40
8	Stable isotopes of atmospheric precipitation and its environmental drivers in the Eastern Chinese Loess Plateau, China. <i>Journal of Hydrology</i> , 2020, 581, 124404.	5.4	35
9	Tree-ring $\delta^{18}O$ from Southeast China reveals monsoon precipitation and ENSO variability. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 558, 109954.	2.3	14
10	Quantifying the Controls on Evapotranspiration Partitioning in the Highest Alpine Meadow Ecosystem. <i>Water Resources Research</i> , 2020, 56, e2019WR024815.	4.2	28
11	Dating of an alpine ice core from the interior of the Tibetan Plateau. <i>Quaternary International</i> , 2020, 544, 88-95.	1.5	6
12	What Causes the Postmonsoon ^{18}O Depletion Over Bay of Bengal Head and Beyond?. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL086985.	4.0	11
13	Influence of Recent Climate Shifts on the Relationship Between ENSO and Asian Monsoon Precipitation Oxygen Isotope Ratios. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 7825-7835.	3.3	12
14	A Global Perspective on Local Meteoric Water Lines: Meta-analytic Insight Into Fundamental Controls and Practical Constraints. <i>Water Resources Research</i> , 2019, 55, 6896-6910.	4.2	105
15	Regional controls on daily to interannual variations of precipitation isotope ratios in Southeast China: Implications for paleomonsoon reconstruction. <i>Earth and Planetary Science Letters</i> , 2019, 527, 115794.	4.4	51
16	Isotopes in the Water Cycle: Regional- to Global-Scale Patterns and Applications. <i>Annual Review of Earth and Planetary Sciences</i> , 2019, 47, 453-479.	11.0	168
17	Spatial-seasonal patterns reveal large-scale atmospheric controls on Asian Monsoon precipitation water isotope ratios. <i>Earth and Planetary Science Letters</i> , 2018, 503, 158-169.	4.4	68
18	Driver of the interannual variations of isotope in ice core from the middle of Tibetan Plateau. <i>Atmospheric Research</i> , 2017, 188, 48-54.	4.1	24

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19	ENSO variability reflected in precipitation oxygen isotopes across the Asian Summer Monsoon region. <i>Earth and Planetary Science Letters</i> , 2017, 475, 25-33.	4.4	93
20	Processes Governing Water Vapor Isotope Composition in the Indo-Pacific Region: Convection and Water Vapor Transport. <i>Journal of Climate</i> , 2016, 29, 8535-8546.	3.2	28
21	Atmospheric Controls on Seasonal and Interannual Variations in the Precipitation Isotope in the East Asian Monsoon Region. <i>Journal of Climate</i> , 2016, 29, 1339-1352.	3.2	94