

Zhao-yong Hu

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

438
citations

623574

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all docs

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docs citations

23
times ranked

558
citing authors

#	ARTICLE	IF	CITATIONS
1	New cognition on the response of reference evapotranspiration to climate change in China using an independent climatic driver system. <i>Agricultural Water Management</i> , 2022, 262, 107445.	2.4	2
2	Evidence of endophytic nitrogen fixation as a potential mechanism supporting colonization of non-nodulating pioneer plants on a glacial foreland. <i>Biology and Fertility of Soils</i> , 2022, 58, 527-539.	2.3	9
3	Watershed scale patterns and controlling factors of ecosystem respiration and methane fluxes in a Tibetan alpine grassland. <i>Agricultural and Forest Meteorology</i> , 2021, 306, 108451.	1.9	1
4	Spatiotemporal Variability and Sources of DIC in Permafrost Catchments of the Yangtze River Source Region: Insights From Stable Carbon Isotope and Water Chemistry. <i>Water Resources Research</i> , 2020, 56, e2019WR025343.	1.7	20
5	The impact of land surface temperatures on suprapermafrost groundwater on the central Qinghai-Tibet Plateau. <i>Hydrological Processes</i> , 2020, 34, 1475-1488.	1.1	17
6	Incorporating a rainfall intensity modification factor λ into the λ^3	3.0	4
7	Elevation-dependent changes in reference evapotranspiration due to climate change. <i>Hydrological Processes</i> , 2020, 34, 5580-5594.	1.1	12
8	Spatiotemporal Variability and Driving Factors of Tibetan Plateau Water Use Efficiency. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032642.	1.2	17
9	Net ecosystem carbon budget of a grassland ecosystem in central Qinghai-Tibet Plateau: integrating terrestrial and aquatic carbon fluxes at catchment scale. <i>Agricultural and Forest Meteorology</i> , 2020, 290, 108021.	1.9	27
10	Temperature trends and elevation dependent warming during 1965–2014 in headwaters of Yangtze River, Qinghai Tibetan Plateau. <i>Journal of Mountain Science</i> , 2020, 17, 556-571.	0.8	17
11	Improving Actual Evapotranspiration Estimation Integrating Energy Consumption for Ice Phase Change Across the Tibetan Plateau. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031799.	1.2	18
12	Exploring the influence of environmental factors in partitioning evapotranspiration along an elevation gradient on Mount Gongga, eastern edge of the Qinghai-Tibet Plateau, China. <i>Journal of Mountain Science</i> , 2020, 17, 384-396.	0.8	18
13	A Carbon Flux Assessment Driven by Environmental Factors Over the Tibetan Plateau and Various Permafrost Regions. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 1132-1147.	1.3	12
14	Variations in belowground carbon use strategies under different climatic conditions. <i>Agricultural and Forest Meteorology</i> , 2019, 268, 32-39.	1.9	1
15	Importance of active layer freeze-thaw cycles on the riverine dissolved carbon export on the Qinghai-Tibet Plateau permafrost region. <i>PeerJ</i> , 2019, 7, e7146.	0.9	18
16	Nitrogen addition reduces dissolved organic carbon leaching in a montane forest. <i>Soil Biology and Biochemistry</i> , 2018, 127, 31-38.	4.2	20
17	Spatial-Temporal Patterns of Evapotranspiration Along an Elevation Gradient on Mount Gongga, Southwest China. <i>Water Resources Research</i> , 2018, 54, 4180-4192.	1.7	45
18	Boreal forest soil CO ₂ and CH ₄ fluxes following fire and their responses to experimental warming and drying. <i>Science of the Total Environment</i> , 2018, 644, 862-872.	3.9	17

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19	Precipitation and air temperature control the variations of dissolved organic matter along an altitudinal forest gradient, Gongga Mountains, China. <i>Environmental Science and Pollution Research</i> , 2017, 24, 10391-10400.	2.7	15
20	Effects of warming and nitrogen fertilization on GHG flux in an alpine swamp meadow of a permafrost region. <i>Science of the Total Environment</i> , 2017, 601-602, 1389-1399.	3.9	57
21	Effects of warming and nitrogen fertilization on GHG flux in the permafrost region of an alpine meadow. <i>Atmospheric Environment</i> , 2017, 157, 111-124.	1.9	63
22	The effect of nitrogen deposition rather than warming on carbon flux in alpine meadows depends on precipitation variations. <i>Ecological Engineering</i> , 2017, 107, 183-191.	1.6	16
23	Effect of climate change on seasonal water use efficiency in subalpine <i>Abies fabri</i> . <i>Journal of Mountain Science</i> , 2017, 14, 142-157.	0.8	12