

Hongbo Zhang

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8418673/hongbo-zhang-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

943
citations

15
h-index

28
g-index

28
ext. papers

1,289
ext. citations

6.5
avg, IF

4.21
L-index

#	Paper	IF	Citations
25	Lake volume and groundwater storage variations in Tibetan Plateau's endorheic basin. <i>Geophysical Research Letters</i> , 2017 , 44, 5550-5560	4.9	201
24	Extensive and drastically different alpine lake changes on Asia's high plateaus during the past four decades. <i>Geophysical Research Letters</i> , 2017 , 44, 252-260	4.9	141
23	Regional differences of lake evolution across China during 1960s-2015 and its natural and anthropogenic causes. <i>Remote Sensing of Environment</i> , 2019 , 221, 386-404	13.2	140
22	Environmental and biophysical controls on the evapotranspiration over the highest alpine steppe. <i>Journal of Hydrology</i> , 2015 , 529, 980-992	6	56
21	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2016 , 54, 2171-2180	8.1	55
20	Estimating daily air temperatures over the Tibetan Plateau by dynamically integrating MODIS LST data. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016 , 121, 11,425-11,441	4.4	54
19	Ground-based evaluation of MODIS snow cover product V6 across China: Implications for the selection of NDSI threshold. <i>Science of the Total Environment</i> , 2019 , 651, 2712-2726	10.2	50
18	An Examination of Temperature Trends at High Elevations Across the Tibetan Plateau: The Use of MODIS LST to Understand Patterns of Elevation-Dependent Warming. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019 , 124, 5738-5756	4.4	46
17	Snow cover and runoff modelling in a high mountain catchment with scarce data: effects of temperature and precipitation parameters. <i>Hydrological Processes</i> , 2015 , 29, 52-65	3.3	41
16	Evaluation of cloud effects on air temperature estimation using MODIS LST based on ground measurements over the Tibetan Plateau. <i>Atmospheric Chemistry and Physics</i> , 2016 , 16, 13681-13696	6.8	27
15	Recent stepwise sediment flux increase with climate change in the Tuotuo River in the central Tibetan Plateau. <i>Science Bulletin</i> , 2020 , 65, 410-418	10.6	21
14	Spatiotemporal variations of suspended sediment transport in the upstream and midstream of the Yarlung Tsangpo River (the upper Brahmaputra), China. <i>Earth Surface Processes and Landforms</i> , 2018 , 43, 432-443	3.7	19
13	Daily air temperature estimation on glacier surfaces in the Tibetan Plateau using MODIS LST data. <i>Journal of Glaciology</i> , 2018 , 64, 132-147	3.4	16
12	How Accurately Can the Air Temperature Lapse Rate Over the Tibetan Plateau Be Estimated From MODIS LSTs?. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018 , 123, 3943-3960	4.4	16
11	Generation of High Mountain Precipitation and Temperature Data for a Quantitative Assessment of Flow Regime in the Upper Yarkant Basin in the Karakoram. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018 , 123, 8462-8486	4.4	15
10	Ground observed climatology and trend in snow cover phenology across China with consideration of snow-free breaks. <i>Climate Dynamics</i> , 2020 , 55, 2867-2887	4.2	15
9	Intensive precipitation observation greatly improves hydrological modelling of the poorly gauged high mountain Mabengnong catchment in the Tibetan Plateau. <i>Journal of Hydrology</i> , 2018 , 556, 500-509 ⁶		10

8	Creating 1-km long-term (1980–2014) daily average air temperatures over the Tibetan Plateau by integrating eight types of reanalysis and land data assimilation products downscaled with MODIS-estimated temperature lapse rates based on machine learning. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021 , 97, 102295	7.3	7
7	Comparative evaluation of VIIRS daily snow cover product with MODIS for snow detection in China based on ground observations. <i>Science of the Total Environment</i> , 2020 , 724, 138156	10.2	4
6	Enhanced scaling effects significantly lower the ability of MODIS normalized difference snow index to estimate fractional and binary snow cover on the Tibetan Plateau. <i>Journal of Hydrology</i> , 2021 , 592, 125795	6	4
5	Snow cover persistence reverses the altitudinal patterns of warming above and below 5000m on the Tibetan Plateau. <i>Science of the Total Environment</i> , 2022 , 803, 149889	10.2	2
4	Influence of river channel geometry in stream flow modelling and guidelines for field investigation. <i>Hydrological Processes</i> , 2014 , 28, 2630-2638	3.3	1
3	Coupling of decreased snow accumulation and increased light-absorbing particles accelerates glacier retreat in the Tibetan Plateau. <i>Science of the Total Environment</i> , 2021 , 151095	10.2	1
2	Assessing the snow cover dynamics and its relationship with different hydro-climatic characteristics in Upper Ganges river basin and its sub-basins. <i>Science of the Total Environment</i> , 2021 , 793, 148648	10.2	1
1	Investigating the ability of multiple reanalysis datasets to simulate snow depth variability over mainland China from 1981 to 2018. <i>Journal of Climate</i> , 2021 , 1-48	4.4	0