

Zhen Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

232
citations

1039406

9
h-index

996533

15
g-index

23
all docs

23
docs citations

23
times ranked

272
citing authors

#	ARTICLE	IF	CITATIONS
1	Integration of optical, SAR and DEM data for automated detection of debris-covered glaciers over the western Nyainqentanglha using a random forest classifier. <i>Cold Regions Science and Technology</i> , 2022, 193, 103421.	1.6	8
2	What controls the surging of Karayaylak glacier in eastern Pamir? New insights from remote sensing data. <i>Journal of Hydrology</i> , 2022, 607, 127577.	2.3	9
3	Spatial variability between glacier mass balance and environmental factors in the High Mountain Asia. <i>Journal of Arid Land</i> , 2022, 14, 441-454.	0.9	5
4	Exploring Increasing Urban Resident Electricity Consumption: The Spatial Spillover Effect of Resident Income. <i>Energies</i> , 2022, 15, 4249.	1.6	1
5	How Promotion Incentives and Environmental Regulations Affect China's Environmental Pollution?. <i>Sustainability</i> , 2021, 13, 2907.	1.6	5
6	Mapping Plastic Greenhouses with Two-Temporal Sentinel-2 Images and 1D-CNN Deep Learning. <i>Remote Sensing</i> , 2021, 13, 2820.	1.8	22
7	Spatio-Temporal Characteristics and Driving Factors of the Foliage Clumping Index in the Sanjiang Plain from 2001 to 2015. <i>Remote Sensing</i> , 2021, 13, 2797.	1.8	5
8	Novel Machine Learning Method Integrating Ensemble Learning and Deep Learning for Mapping Debris-Covered Glaciers. <i>Remote Sensing</i> , 2021, 13, 2595.	1.8	19
9	Spatiotemporal Analysis of Active Fires in the Arctic Region during 2001–2019 and a Fire Risk Assessment Model. <i>Fire</i> , 2021, 4, 57.	1.2	16
10	Longbasaba Glacier recession and contribution to its proglacial lake volume between 1988 and 2018. <i>Journal of Glaciology</i> , 2021, 67, 473-484.	1.1	9
11	Quantifying glacial elevation changes in the central Qilian Mountains during the early 21st century. <i>Journal of Mountain Science</i> , 2021, 18, 2946-2959.	0.8	1
12	Glacier Mapping Based on Random Forest Algorithm: A Case Study over the Eastern Pamir. <i>Water (Switzerland)</i> , 2020, 12, 3231.	1.2	16
13	Glacier mass changes over Duxueshan, Burog Kangri, and Zangser Kangri in the Inner Tibetan Plateau. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	1.3	4
14	Glacier Variations at Xinqingfeng and Malan Ice Caps in the Inner Tibetan Plateau Since 1970. <i>Remote Sensing</i> , 2020, 12, 421.	1.8	6
15	Glacier variations at Aru Co in western Tibet from 1971 to 2016 derived from remote-sensing data. <i>Journal of Glaciology</i> , 2018, 64, 397-406.	1.1	24
16	Glacier changes since the early 1960s, eastern Pamir, China. <i>Journal of Mountain Science</i> , 2016, 13, 276-291.	0.8	16
17	Mass Change of Glaciers in Muztag Ata–Kongur Tagh, Eastern Pamir, China from 1971/76 to 2013/14 as Derived from Remote Sensing Data. <i>PLoS ONE</i> , 2016, 11, e0147327.	1.1	47
18	Glacial Area Changes in the Ili River Catchment (Northeastern Tian Shan) in Xinjiang, China, from the 1960s to 2009. <i>Advances in Meteorology</i> , 2015, 2015, 1-12.	0.6	17