Wenfeng Huang

List of Publications by Year
in descending order

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21	307	840776 11	839539 18
papers	citations	h-index	g-index

22	22	22	336
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Thermal structure and water-ice heat transfer in a shallow ice-covered thermokarst lake in central Qinghai-Tibet Plateau. Journal of Hydrology, 2019, 578, 124122.	5.4	36
2	Modeling experiments on seasonal lake ice mass and energy balance in the Qinghaiâ€“Tibet Plateau: a case study. Hydrology and Earth System Sciences, 2019, 23, 2173-2186.	4.9	27
3	Structural analysis of thermokarst lake ice in Beiluhe Basin, Qinghaiâ€“Tibet Plateau. Cold Regions Science and Technology, 2012, 72, 33-42.	3.5	25
4	Reflection and transmission of irradiance by snow and sea ice in the central Arctic Ocean in summer 2010. Polar Research, 2012, 31, 17325.	1.6	23
5	Estimation from Soil Temperature of Soil Thermal Diffusivity and Heat Flux in Sub-surface Layers. Boundary-Layer Meteorology, 2016, 158, 473-488.	2.3	23
6	Melt pond distribution and geometry in high Arctic sea ice derived from aerial investigations. Annals of Glaciology, 2016, 57, 105-118.	1.4	21
7	Underâ€Ice Dissolved Oxygen and Metabolism Dynamics in a Shallow Lake: The Critical Role of Ice and Snow. Water Resources Research, 2021, 57, e2020WR027990.	4.2	21
8	Mass and Heat Balance of a Lake Ice Cover in the Central Asian Arid Climate Zone. Water (Switzerland), 2020, 12, 2888.	2.7	20
9	The physical structures of snow and sea ice in the Arctic section of 150Â°-180Â°W during the summer of 2010. Acta Oceanologica Sinica, 2013, 32, 57-67.	1.0	14
10	Flexural Strength and Effective Modulus of Large Columnar-Grained Freshwater Ice. Journal of Cold Regions Engineering - ASCE, 2016, 30, .	1.1	13
11	Ice processes and surface ablation in a shallow thermokarst lake in the central Qinghaiâ€“Tibetan Plateau. Annals of Glaciology, 2016, 57, 20-28.	1.4	12
12	Physical structures and interior melt of the central Arctic sea ice/snow in summer 2012. Cold Regions Science and Technology, 2016, 124, 127-137.	3.5	11
13	Experimental study on uniaxial compressive strength of reservoir ice. Transactions of Tianjin University, 2012, 18, 112-116.	6.4	10
14	Limit resistive forces from ice frozen to concrete-revetment interface of an inclined dam wall. Cold Regions Science and Technology, 2017, 141, 181-187.	3.5	10
15	Effective thermal conductivity of thermokarst lake ice in Beiluhe Basin, Qinghai-Tibet Plateau. Cold Regions Science and Technology, 2013, 85, 34-41.	3.5	9
16	Thermal diffusivity of thermokarst lake ice in the Beiluhe basin of the Qinghaiâ€“Tibetan Plateau. Annals of Glaciology, 2014, 55, 153-158.	1.4	8
17	Residual Strain in a Reservoir Ice Cover: Field Investigations, Causes, and Its Role in Estimating Ice Stress. Journal of Hydraulic Engineering, 2018, 144, .	1.5	6
18	Investigation of Focusing Properties of Probes for Pulsed Eddy Current Testing. IEEE Sensors Journal, 2021, 21, 26830-26838.	4.7	6

#	Article	IF	Citations
19	Sunlight penetration dominates the thermal regime and energetics of a shallow ice-covered lake in arid climate. Cryosphere, 2022, 16, 1793-1806.	3.9	5
20	Marine radar observations of iceberg distribution in the summer Southern Ocean. Annals of Glaciology, 2013, 54, 35-40.	1.4	4
21	Fractal-Based Retrieval and Potential Driving Factors of Lake Ice Fractures of Chagan Lake, Northeast China Using Landsat Remote Sensing Images. Remote Sensing, 2021, 13, 4233.	4.0	2