

Weibo Liu

List of Publications by Year in descending order

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15
papers

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1040056

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docs citations

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206
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical simulation on the performance of thermosyphon adopted to mitigate thaw settlement of embankment in sandy permafrost zone. <i>Applied Thermal Engineering</i> , 2018, 128, 1624-1633.	6.0	46
2	Numerical simulation of heat transfer of the crushed-rock interlayer embankment of Qinghai-Tibet Railway affected by aeolian sand clogging and climate change. <i>Cold Regions Science and Technology</i> , 2018, 155, 1-10.	3.5	42
3	Experimental study on the thermal conductivity of aeolian sand from the Tibetan Plateau. <i>Cold Regions Science and Technology</i> , 2018, 146, 1-8.	3.5	38
4	Evaluation of cooling effects of crushed rock under sand-filling and climate warming scenarios on the Tibet Plateau. <i>Applied Thermal Engineering</i> , 2016, 92, 130-136.	6.0	36
5	Thermal regime of frozen soil foundation affected by concrete base of transmission line tower on the Tibetan Plateau. <i>Applied Thermal Engineering</i> , 2015, 75, 950-957.	6.0	30
6	Crack damage investigation of paved highway embankment in the Tibetan Plateau permafrost environments. <i>Cold Regions Science and Technology</i> , 2019, 163, 78-86.	3.5	21
7	Geohazards and thermal regime analysis of oil pipeline along the Qinghai-Tibet Plateau Engineering Corridor. <i>Natural Hazards</i> , 2016, 83, 193-209.	3.4	19
8	A conceptual model for talik dynamics and icing formation in a river floodplain in the continuous permafrost zone at Salluit, Nunavik (Quebec), Canada. <i>Permafrost and Periglacial Processes</i> , 2021, 32, 468-483.	3.4	17
9	Thermal effect of rainwater infiltration into a replicated road embankment in a cold environmental chamber. <i>Cold Regions Science and Technology</i> , 2019, 159, 47-57.	3.5	10
10	Experimental study on unfrozen water and soil matric suction of the aeolian sand sampled from Tibet Plateau. <i>Cold Regions Science and Technology</i> , 2019, 164, 102784.	3.5	9
11	Three-Dimensional Numerical Modeling of Cryo-Hydrogeological Processes in a River-Talik System in a Continuous Permafrost Environment. <i>Water Resources Research</i> , 2022, 58, .	4.2	8
12	Experimental study on heat transfer of upright pipes in cold regions. <i>Applied Thermal Engineering</i> , 2017, 117, 17-23.	6.0	4
13	Experimental study on thermal performance of quicklime (CaO) energy pile aimed to thaw the warm permafrost ground. <i>Applied Thermal Engineering</i> , 2019, 156, 189-195.	6.0	4
14	Rotational failure of concrete lining slabs induced by water level changes in ice-covered reservoirs in cold regions: Mechanism, patterns, and prevention measures. <i>Cold Regions Science and Technology</i> , 2022, 199, 103562.	3.5	4
15	Cut-Slope Icing Prevention: Case Study of the Seasonal Frozen Area of Western China. <i>Journal of Cold Regions Engineering - ASCE</i> , 2016, 30, .	1.1	3