

# Qihao Yu

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

539  
citations

933264

10  
h-index

713332

21  
g-index

23  
all docs

23  
docs citations

23  
times ranked

514  
citing authors

#	ARTICLE	IF	CITATIONS
1	Degradation of permafrost in the Xing'anling Mountains, northeastern China. <i>Permafrost and Periglacial Processes</i> , 2007, 18, 245-258.	1.5	200
2	New high-resolution estimates of the permafrost thermal state and hydrothermal conditions over the Northern Hemisphere. <i>Earth System Science Data</i> , 2022, 14, 865-884.	3.7	68
3	Comparative analysis of temperature variation characteristics of permafrost roadbeds with different widths. <i>Cold Regions Science and Technology</i> , 2015, 117, 12-18.	1.6	46
4	Engineering in the rugged permafrost terrain on the roof of the world under a warming climate. <i>Permafrost and Periglacial Processes</i> , 2020, 31, 417-428.	1.5	29
5	Mapping Permafrost Features that Influence the Hydrological Processes of a Thermokarst Lake on the Qinghai-Tibet Plateau, China. <i>Permafrost and Periglacial Processes</i> , 2014, 25, 60-68.	1.5	28
6	Geophysical Imaging of Permafrost and Talik Configuration Beneath a Thermokarst Lake. <i>Permafrost and Periglacial Processes</i> , 2017, 28, 470-476.	1.5	27
7	Deformation mechanism of an expressway embankment in warm and high ice content permafrost regions. <i>Applied Thermal Engineering</i> , 2017, 121, 1032-1039.	3.0	26
8	The cold accumulative effect of expressway embankment with a combined cooling measure in permafrost zones. <i>Cold Regions Science and Technology</i> , 2019, 163, 59-67.	1.6	23
9	The application of auto-temperature-controlled ventilation embankment in Qinghai-Tibet Railway. <i>Science in China Series D: Earth Sciences</i> , 2004, 47, 168-176.	0.9	13
10	Thermal effects of lateral supra-permafrost water flow around a thermokarst lake on the Qinghai-Tibet Plateau. <i>Hydrological Processes</i> , 2017, 31, 2429-2437.	1.1	12
11	Ground-temperature controlling effects of ductventilated railway embankment in permafrost regions. <i>Science in China Series D: Earth Sciences</i> , 2004, 47, 152-160.	0.9	10
12	Laboratory testing on heat transfer of frozen soil blocks used as backfills of pile foundation in permafrost along Qinghai-Tibet electrical transmission line. <i>Arabian Journal of Geosciences</i> , 2015, 8, 2527-2535.	0.6	9
13	Field investigation on moisture, heat and deformation behaviors and their coupling effects of expressway in warm permafrost regions. <i>International Journal of Heat and Mass Transfer</i> , 2022, 191, 122858.	2.5	9
14	Changes of backfill soil of tower foundation in the permafrost regions with warm ice-rich frozen soil on the Qinghai-Tibet Plateau. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	7
15	Determining the Thermal Conductivity of Clay during the Freezing Process by Artificial Neural Network. <i>Advances in Materials Science and Engineering</i> , 2021, 2021, 1-10.	1.0	6
16	Effects of thermosyphons on the thermal regime and stability of cast-in-place piles in permafrost regions on the Qinghai-Tibet Plateau. <i>Permafrost and Periglacial Processes</i> , 2022, 33, 277-285.	1.5	6
17	Numerical simulation of coupled liquid water, stress and heat for frozen soil in the thawing process. <i>Engineering Computations</i> , 2022, 39, 1492-1510.	0.7	4
18	A new double hardening constitutive model for frozen mixed soils. <i>European Journal of Environmental and Civil Engineering</i> , 2019, , 1-21.	1.0	3

#	ARTICLE	IF	CITATIONS
19	Field investigation on the influence of periglacial processes on pile foundations on the Qinghai-Tibet plateau. <i>Permafrost and Periglacial Processes</i> , 2021, 32, 335-348.	1.5	3
20	Heat transfer characteristics of gravelly soils with different compactness during unidirectional freezing process. <i>Heat and Mass Transfer</i> , 2021, 57, 1161-1170.	1.2	2
21	Effects of Freeze-Thaw Cycles on the Mechanical Properties of the Core-Wall Contact Clay of a Dam. <i>International Journal of Civil Engineering</i> , 2022, 20, 779-791.	0.9	2
22	Study on the Freeze-Thaw Problems in the Winter Construction of the Lianghekou Earth-Core Rockfill Dam and the Countermeasures for Prevention. <i>Advances in Materials Science and Engineering</i> , 2021, 2021, 1-14.	1.0	0