

# Yan-hu Mu

## List of Publications by Year in descending order

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45  
papers

1,402  
citations

394286

19  
h-index

330025

37  
g-index

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all docs

45  
docs citations

45  
times ranked

794  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Study on the Anisotropy and Non-coaxiality of Frozen Standard Sand under Different Principal Stress Directions. <i>Geofluids</i> , 2022, 2022, 1-15.	0.3	0
2	Wind field and thermal performances of an expressway constructed with two separated crushed-rock embankments in high-altitude permafrost zones. <i>Transportation Geotechnics</i> , 2021, 27, 100447.	2.0	6
3	Freeze-thaw resistance of eco-material stabilized loess. <i>Journal of Mountain Science</i> , 2021, 18, 794-805.	0.8	13
4	Modeling of Concrete-Frozen Soil Interface from Direct Shear Test Results. <i>Advances in Civil Engineering</i> , 2021, 2021, 1-11.	0.4	5
5	Shear Properties and Mechanism of Freeze-Thaw Interface in Unsaturated Coarse-Grained Soil from Qinghai-Tibet Plateau. <i>Advances in Civil Engineering</i> , 2021, 2021, 1-12.	0.4	3
6	Comparison Thermal Insulation Effects of Different Thermal Insulation Materials for a Roadway Tunnel at Southeast Edge of the Qinghai-Tibet Plateau. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 719, 032084.	0.2	1
7	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
8	Immobilization of high-Pb contaminated soil by oxalic acid activated incinerated sewage sludge ash. <i>Environmental Pollution</i> , 2021, 284, 117120.	3.7	9
9	Experimental Study on Frost-Heaving Force Development of Tibetan Clay Subjected to One-Directional Freezing in an Open System. <i>Advances in Civil Engineering</i> , 2021, 2021, 1-13.	0.4	3
10	Experimental investigation of the path-dependent strength and deformation behaviours of frozen loess. <i>Engineering Geology</i> , 2020, 265, 105449.	2.9	100
11	Numerical Analysis of Seismic Site Effects in Loess Region of Western China under Strong Earthquake Excitations. <i>Shock and Vibration</i> , 2020, 2020, 1-12.	0.3	5
12	Assessment of Freeze-Thaw Hazards and Water Features along the China-Russia Crude Oil Pipeline in Permafrost Regions. <i>Remote Sensing</i> , 2020, 12, 3576.	1.8	15
13	Behavior of Lime-Stabilized Red Bed Soil after Cyclic Wetting-Drying in Triaxial Tests and SEM Analysis. <i>Advances in Materials Science and Engineering</i> , 2020, 2020, 1-12.	1.0	8
14	Mechanical and electrical properties of coarse-grained soil affected by cyclic freeze-thaw in high cold regions. <i>Journal of Central South University</i> , 2020, 27, 853-866.	1.2	17
15	Effect of Repeated Wetting-Drying-Freezing-Thawing Cycles on the Mechanic Properties and Pore Characteristics of Compacted Loess. <i>Advances in Civil Engineering</i> , 2020, 2020, 1-8.	0.4	8
16	Effect of freeze-thaw cycles on uniaxial mechanical properties of cohesive coarse-grained soils. <i>Journal of Mountain Science</i> , 2019, 16, 2159-2170.	0.8	27
17	Lateral thermal influences of roadway and railway embankments in permafrost zones along the Qinghai-Tibet Engineering Corridor. <i>Transportation Geotechnics</i> , 2019, 21, 100285.	2.0	19
18	Field observation of permafrost degradation under Mo'he airport, Northeastern China from 2007 to 2016. <i>Cold Regions Science and Technology</i> , 2019, 161, 43-50.	1.6	22

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19	Permafrost warming along the Mo‰™he-Jiagedaqi section of the China-Russia crude oil pipeline. Journal of Mountain Science, 2019, 16, 285-295.	0.8	14
20	Engineering properties of loess stabilized by a type of eco-material, calcium lignosulfonate. Arabian Journal of Geosciences, 2019, 12, 1.	0.6	17
21	Laboratory investigation on strengthening behavior of frozen China standard sand. Acta Geotechnica, 2019, 14, 179-192.	2.9	11
22	Characteristics of Asphalt Pavement Damage in Degrading Permafrost Regions: Case Study of the Qinghai‰™Tibet Highway, China. Journal of Cold Regions Engineering - ASCE, 2018, 32, .	0.5	48
23	Variations in strength and deformation of compacted loess exposed to wetting-drying and freeze-thaw cycles. Cold Regions Science and Technology, 2018, 151, 159-167.	1.6	101
24	Effect of freeze-thaw cycles in mechanical behaviors of frozen loess. Cold Regions Science and Technology, 2018, 146, 9-18.	1.6	224
25	Permafrost thawing along the China-Russia Crude Oil Pipeline and countermeasures: A case study in Jiagedaqi, Northeast China. Cold Regions Science and Technology, 2018, 155, 308-313.	1.6	50
26	Influence of Warm Oil Pipeline on Underlying Permafrost and Cooling Effect of Thermosyphon Based on Field Observations. Springer Series in Geomechanics and Geoengineering, 2018, , 1424-1428.	0.0	0
27	Characteristics of thawed interlayer and its effect on embankment settlement along the Qinghai-Tibet Railway in permafrost regions. Journal of Mountain Science, 2018, 15, 1090-1100.	0.8	19
28	A New Strength Criterion for Frozen Clay Considering Temperature Effect. Springer Series in Geomechanics and Geoengineering, 2018, , 1340-1344.	0.0	2
29	Influence of Wetting-Drying Cycle in Road Cut Slope in Loess in Northwest China. Springer Series in Geomechanics and Geoengineering, 2018, , 1508-1511.	0.0	0
30	Experimental Study on the Strength Characteristics of Frozen Clay on ĩ€ Plane. Springer Series in Geomechanics and Geoengineering, 2018, , 1394-1398.	0.0	0
31	Effects of freeze-thaw cycle on engineering properties of loess used as road fills in seasonally frozen ground regions, North China. Journal of Mountain Science, 2017, 14, 356-368.	0.8	66
32	Freeze/Thaw-Induced Deformation Monitoring and Assessment of the Slope in Permafrost Based on Terrestrial Laser Scanner and GNSS. Remote Sensing, 2017, 9, 198.	1.8	33
33	Experimental Analysis and Discussion on the Damage Variable of Frozen Loess. Advances in Materials Science and Engineering, 2017, 2017, 1-13.	1.0	4
34	Freeze‰™thaw properties and long-term thermal stability of the unprotected tower foundation soils in permafrost regions along the Qinghai‰™Tibet Power Transmission Line. Cold Regions Science and Technology, 2016, 121, 258-274.	1.6	31
35	Multiaxial creep of frozen loess. Mechanics of Materials, 2016, 95, 172-191.	1.7	141
36	Thermal performance of a combined cooling method of thermosyphons and insulation boards for tower foundation soils along the Qinghai‰™Tibet Power Transmission Line. Cold Regions Science and Technology, 2016, 121, 226-236.	1.6	30

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37	Degradation characteristics of permafrost under the effect of climate warming and engineering disturbance along the Qinghai-Tibet Highway. <i>Natural Hazards</i> , 2015, 75, 2589-2605.	1.6	50
38	Impact of permafrost degradation on embankment deformation of Qinghai-Tibet Highway in permafrost regions. <i>Journal of Central South University</i> , 2015, 22, 1079-1086.	1.2	34
39	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
40	Effect of Freeze-Thaw Cycles on Mechanical Behavior of Compacted Fine-Grained Soil. , 2012, , .		11
41	Thermal regime of conventional embankments along the Qinghai-Tibet Railway in permafrost regions. <i>Cold Regions Science and Technology</i> , 2012, 70, 123-131.	1.6	25
42	Characteristics and mechanisms of embankment deformation along the Qinghai-Tibet Railway in permafrost regions. <i>Cold Regions Science and Technology</i> , 2011, 67, 178-186.	1.6	112
43	Forecasting the oil temperatures along the proposed China-Russia Crude Oil Pipeline using quasi 3-D transient heat conduction model. <i>Cold Regions Science and Technology</i> , 2010, 64, 235-242.	1.6	40
44	Development of freezing-thawing processes of foundation soils surrounding the China-Russia Crude Oil Pipeline in the permafrost areas under a warming climate. <i>Cold Regions Science and Technology</i> , 2010, 64, 226-234.	1.6	45
45	Thermal Characteristics of the Embankment with Crushed Rock Side Slope to Mitigate Thaw Settlement Hazards of the Qinghai-Tibet Railway. <i>Acta Geologica Sinica</i> , 2009, 83, 1000-1007.	0.8	24