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## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

134  
papers

4,296  
citations

33  
h-index

62  
g-index

140  
ext. papers

5,635  
ext. citations

4.4  
avg, IF

5.73  
L-index

#	Paper	IF	Citations
134	Impacts of permafrost degradation on infrastructure. <i>Nature Reviews Earth &amp; Environment</i> , <b>2022</b> , 3, 24-38	30.2	18
133	Risk assessment of the crushed rock structure embankments of the Qinghai-Tibet Railway under a warming climate. <i>Cold Regions Science and Technology</i> , <b>2022</b> , 196, 103509	3.8	1
132	Vertical distribution characteristics of soil mercury and its formation mechanism in permafrost regions: A case study of the Qinghai-Tibetan Plateau.. <i>Journal of Environmental Sciences</i> , <b>2022</b> , 113, 311-321	6.4	0
131	New Methods for Predicting Strain Demand of Arctic Gas Pipelines across Permafrost under Frost Heave Displacement. <i>Geofluids</i> , <b>2022</b> , 2022, 1-16	1.5	
130	A New Stress Monitoring Method for Mechanical State of Buried Steel Pipelines under Geological Hazards. <i>Advances in Materials Science and Engineering</i> , <b>2022</b> , 2022, 1-14	1.5	0
129	Warming and Increased Respiration Have Transformed an Alpine Steppe Ecosystem on the Tibetan Plateau From a Carbon Dioxide Sink Into a Source. <i>Journal of Geophysical Research G: Biogeosciences</i> , <b>2022</b> , 127,	3.7	2
128	Active Layer Thickness Variation on the Qinghai-Tibetan Plateau: Historical and Projected Trends. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2021</b> , 126, e2021JD034841	4.4	0
127	Aeolian sand accumulation and land desertification over the past 1,500 years as revealed by two aeolian dunes in the Beiluhe Basin on interior Qinghai-Tibet Plateau, SW China. <i>Quaternary International</i> , <b>2021</b> , 613, 101-101	2	0
126	A Scientometric Review of Research Status on Unfrozen Soil Water. <i>Water (Switzerland)</i> , <b>2021</b> , 13, 708	3	3
125	A Study on the Hydrothermal Regime of Aeolian Sand and the Underlying Soil in the Frozen Soil Zone on the Qinghai-Tibetan Plateau. <i>Agricultural and Forest Meteorology</i> , <b>2021</b> , 298-299, 108294	5.8	1
124	Promoted Disappearance of CO <sub>2</sub> Hydrate Self-Preservation Effect by Surfactant SDS. <i>Energies</i> , <b>2021</b> , 14, 3909	3.1	1
123	Holocene monsoon dynamics at Kunlun Pass on the northeastern Qinghai-Tibet Plateau. <i>Science of the Total Environment</i> , <b>2021</b> , 771, 145369	10.2	1
122	Influence of pressure on the formation process of CH <sub>4</sub> hydrate in porous media below the freezing point. <i>Environmental Progress and Sustainable Energy</i> , <b>2021</b> , 40, e13601	2.5	1
121	Experimental study on formation characteristics of carbon dioxide hydrate in frozen porous media. <i>International Journal of Green Energy</i> , <b>2021</b> , 18, 687-696	3	0
120	Spatial state distribution and phase transition of non-uniform water in soils: Implications for engineering and environmental sciences. <i>Advances in Colloid and Interface Science</i> , <b>2021</b> , 294, 102465	14.3	1
119	Engineering in the rugged permafrost terrain on the roof of the world under a warming climate. <i>Permafrost and Periglacial Processes</i> , <b>2020</b> , 31, 417-428	4.2	11
118	Remote sensing spatiotemporal patterns of frozen soil and the environmental controls over the Tibetan Plateau during 2002-2016. <i>Remote Sensing of Environment</i> , <b>2020</b> , 247, 111927	13.2	18

117	Simulating active layer temperature based on weather factors on the Qinghai-Tibetan Plateau using ANN and wavelet-ANN models. <i>Cold Regions Science and Technology</i> , <b>2020</b> , 177, 103118	3.8	4
116	Pasture degradation impact on soil carbon and nitrogen fractions of alpine meadow in a Tibetan permafrost region. <i>Journal of Soils and Sediments</i> , <b>2020</b> , 20, 2330-2342	3.4	3
115	A 7-ka climatic variability record inferred from peat bog sediments in the north of Bayan Har Mountains, northeastern Tibetan Plateau. <i>Environmental Earth Sciences</i> , <b>2020</b> , 79, 1	2.9	3
114	Morphometric Analysis of Groundwater Icings: Intercomparison of Estimation Techniques. <i>Remote Sensing</i> , <b>2020</b> , 12, 692	5	3
113	Study on thermal performance of novel asymmetric crushed-rock-based embankment on the Qinghai-Tibet Railway in permafrost region. <i>International Journal of Thermal Sciences</i> , <b>2020</b> , 152, 106333 <sup>4-1</sup>	4.1	4
112	Ground ice at depths in the Tianshuihai Lake basin on the western Qinghai-Tibet Plateau: An indication of permafrost evolution. <i>Science of the Total Environment</i> , <b>2020</b> , 729, 138966	10.2	4
111	Profile distributions of soil organic carbon fractions in a permafrost region of the Qinghai-Tibet Plateau. <i>Permafrost and Periglacial Processes</i> , <b>2020</b> , 31, 538-547	4.2	5
110	Thermal influences of road engineering on permafrost underneath different surface condition in the Qinghai-Tibet Plateau. <i>Cold Regions Science and Technology</i> , <b>2020</b> , 173, 103028	3.8	4
109	Recent climate changes in the northwestern Qaidam Basin inferred from geothermal gradients. <i>Earth Science Informatics</i> , <b>2020</b> , 13, 261-270	2.5	0
108	Long-term role of cooling the underlying permafrost of the crushed rock structure embankment along the Qinghai-Xizang railway. <i>Permafrost and Periglacial Processes</i> , <b>2020</b> , 31, 172-183	4.2	13
107	Permafrost degradation enhances the risk of mercury release on Qinghai-Tibetan Plateau. <i>Science of the Total Environment</i> , <b>2020</b> , 708, 135127	10.2	17
106	The effect of desertification on frozen soil on the Qinghai-Tibet plateau. <i>Science of the Total Environment</i> , <b>2020</b> , 711, 134640	10.2	12
105	The status and stability of permafrost carbon on the Tibetan Plateau. <i>Earth-Science Reviews</i> , <b>2020</b> , 211, 103433	10.2	33
104	Experimental Study of the Formation Rate and Distribution of Methane Hydrate in Layered Sand. <i>ACS Omega</i> , <b>2020</b> , 5, 29882-29888	3.9	2
103	Regional climate change signals inferred from a borehole temperature profile in Muli, Qilian Mountain, using the Tikhonov method. <i>Arctic, Antarctic, and Alpine Research</i> , <b>2020</b> , 52, 450-460	1.8	0
102	Quaternary Permafrost in China: Framework and Discussions. <i>Quaternary</i> , <b>2020</b> , 3, 32	2.2	7
101	Using stable isotopes to illuminate thermokarst lake hydrology in permafrost regions on the Qinghai-Tibet plateau, China. <i>Permafrost and Periglacial Processes</i> , <b>2019</b> , 30, 58-71	4.2	9
100	Long-term cooling effect of the crushed rock structure embankments of the Qinghai-Tibet Railway. <i>Cold Regions Science and Technology</i> , <b>2019</b> , 160, 21-30	3.8	10

99	Carbon and mercury export from the Arctic rivers and response to permafrost degradation. <i>Water Research</i> , <b>2019</b> , 161, 54-60	12.5	21
98	Pipeline-permafrost interaction monitoring system along the China-Russia crude oil pipeline. <i>Engineering Geology</i> , <b>2019</b> , 254, 113-125	6	28
97	Responses of soil organic carbon and nutrient stocks to human-induced grassland degradation in a Tibetan alpine meadow. <i>Catena</i> , <b>2019</b> , 178, 40-48	5.8	19
96	Recovering CH <sub>4</sub> from natural gas hydrate with CO <sub>2</sub> in porous media below the freezing point. <i>Petroleum Science and Technology</i> , <b>2019</b> , 37, 770-779	1.4	4
95	Brief communication: Evaluation and inter-comparisons of Qinghai-Tibet Plateau permafrost maps based on a new inventory of field evidence. <i>Cryosphere</i> , <b>2019</b> , 13, 511-519	5.5	12
94	Hydrothermal variations in soils resulting from the freezing and thawing processes in the active layer of an alpine grassland in the Qilian Mountains, northeastern Tibetan Plateau. <i>Theoretical and Applied Climatology</i> , <b>2019</b> , 136, 929-941	3	8
93	Permafrost zonation index map and statistics over the Qinghai-Tibet Plateau based on field evidence. <i>Permafrost and Periglacial Processes</i> , <b>2019</b> , 30, 178-194	4.2	17
92	Effect of climate and thaw depth on alpine vegetation variations at different permafrost degrading stages in the Tibetan Plateau, China. <i>Arctic, Antarctic, and Alpine Research</i> , <b>2019</b> , 51, 155-172	1.8	13
91	Impact of climate change on allowable bearing capacity on the Qinghai-Tibetan Plateau. <i>Advances in Climate Change Research</i> , <b>2019</b> , 10, 99-108	4.1	9
90	Dissolved Iron Supply from Asian Glaciers: Local Controls and a Regional Perspective. <i>Global Biogeochemical Cycles</i> , <b>2019</b> , 33, 1223-1237	5.9	5
89	Hydrothermal accumulation under asphalt pavement in cold regions. <i>Energy Science and Engineering</i> , <b>2019</b> , 7, 1925-1936	3.4	1
88	Characteristic, changes and impacts of permafrost on Qinghai-Tibet Plateau. <i>Chinese Science Bulletin</i> , <b>2019</b> , 64, 2783-2795	2.9	65
87	Historical changes in the depth of seasonal freezing of Xingünling-Baikall-permafrost in China. <i>Regional Environmental Change</i> , <b>2019</b> , 19, 451-460	4.3	9
86	Permafrost is warming at a global scale. <i>Nature Communications</i> , <b>2019</b> , 10, 264	17.4	518
85	Spatiotemporal Changes in Active Layer Thickness under Contemporary and Projected Climate in the Northern Hemisphere. <i>Journal of Climate</i> , <b>2018</b> , 31, 251-266	4.4	42
84	Thermal accumulation mechanism of asphalt pavement in permafrost regions of the Qinghai-Tibet Plateau. <i>Applied Thermal Engineering</i> , <b>2018</b> , 129, 345-353	5.8	20
83	Nucleation Mechanisms of CO Hydrate Reflected by Gas Solubility. <i>Scientific Reports</i> , <b>2018</b> , 8, 10441	4.9	13
82	Numerical simulation of efficient cooling by coupled RR and TCPT on railway embankments in permafrost regions. <i>Applied Thermal Engineering</i> , <b>2018</b> , 133, 351-360	5.8	13

81	Thermal regime of warm-dry permafrost in relation to ground surface temperature in the Source Areas of the Yangtze and Yellow rivers on the Qinghai-Tibet Plateau, SW China. <i>Science of the Total Environment</i> , <b>2018</b> , 618, 1033-1045	10.2	69
80	Active Layer Thickness Retrieval of Qinghai-Tibet Permafrost Using the TerraSAR-X InSAR Technique. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2018</b> , 11, 4403-4413	4.7	29
79	Snow cover influences the thermal regime of active layer in Urumqi River Source, Tianshan Mountains, China. <i>Journal of Mountain Science</i> , <b>2018</b> , 15, 2622-2636	2.1	8
78	Consumption of atmospheric methane by the Qinghai-Tibet Plateau alpine steppe ecosystem. <i>Cryosphere</i> , <b>2018</b> , 12, 2803-2819	5.5	7
77	Importance of Mountain Glaciers as a Source of Dissolved Organic Carbon. <i>Journal of Geophysical Research F: Earth Surface</i> , <b>2018</b> , 123, 2123-2134	3.8	27
76	Response of the soil hydrothermal process to difference underlying conditions in the Beiluhe permafrost region. <i>Environmental Earth Sciences</i> , <b>2017</b> , 76, 1	2.9	10
75	Thermal effects of lateral supra-permafrost water flow around a thermokarst lake on the Qinghai-Tibet Plateau. <i>Hydrological Processes</i> , <b>2017</b> , 31, 2429-2437	3.3	9
74	Causes of pile foundation failure in permafrost regions: The case study of a dry bridge of the Qinghai-Tibet Railway. <i>Engineering Geology</i> , <b>2017</b> , 230, 95-103	6	24
73	Influence of temperature on methane hydrate formation. <i>Scientific Reports</i> , <b>2017</b> , 7, 7904	4.9	13
72	Characteristics of water and heat changes in near-surface layers under influence of engineering interface. <i>Applied Thermal Engineering</i> , <b>2017</b> , 125, 986-994	5.8	11
71	No protection of permafrost due to desertification on the Qinghai-Tibet Plateau. <i>Scientific Reports</i> , <b>2017</b> , 7, 1544	4.9	11
70	Seasonal variations of organic carbon and nitrogen in the upper basins of Yangtze and Yellow Rivers. <i>Journal of Mountain Science</i> , <b>2017</b> , 14, 1577-1590	2.1	7
69	Unraveling of permafrost hydrological variabilities on Central Qinghai-Tibet Plateau using stable isotopic technique. <i>Science of the Total Environment</i> , <b>2017</b> , 605-606, 199-210	10.2	21
68	Simulation of permafrost changes on the Qinghai-Tibet Plateau, China, over the past three decades. <i>International Journal of Digital Earth</i> , <b>2017</b> , 10, 522-538	3.9	23
67	Seasonal deformation features on Qinghai-Tibet railway observed using time-series InSAR technique with high-resolution TerraSAR-X images. <i>Remote Sensing Letters</i> , <b>2017</b> , 8, 1-10	2.3	36
66	Permafrost collapse shifts alpine tundra to a carbon source but reduces N <sub>2</sub> O and CH <sub>4</sub> release on the northern Qinghai-Tibetan Plateau. <i>Geophysical Research Letters</i> , <b>2017</b> , 44, 8945-8952	4.9	42
65	Diurnal dynamics of minor and trace elements in stream water draining Dongkemadi Glacier on the Tibetan Plateau and its environmental implications. <i>Journal of Hydrology</i> , <b>2016</b> , 541, 1104-1118	6	20
64	Evaluation of the hydrological contributions of permafrost to the thermokarst lakes on the Qinghai-Tibet Plateau using stable isotopes. <i>Global and Planetary Change</i> , <b>2016</b> , 140, 1-8	4.2	32

63	Radiation and energy balance characteristics of asphalt pavement in permafrost regions. <i>Environmental Earth Sciences</i> , <b>2016</b> , 75, 1	2.9	16
62	Evolutions of water stable isotopes and the contributions of cryosphere to the alpine river on the Tibetan Plateau. <i>Environmental Earth Sciences</i> , <b>2016</b> , 75, 1	2.9	14
61	Thermal impacts of engineering activities and vegetation layer on permafrost in different alpine ecosystems of the Qinghai-Tibet Plateau, China. <i>Cryosphere</i> , <b>2016</b> , 10, 1695-1706	5.5	39
60	Carbon loss and chemical changes from permafrost collapse in the northern Tibetan Plateau. <i>Journal of Geophysical Research G: Biogeosciences</i> , <b>2016</b> , 121, 1781-1791	3.7	41
59	Monitoring permafrost soil moisture with multi-temporal TERRASAR-X data in northern tibet <b>2016</b> ,		3
58	Recent changes in the active layer thickness across the northern hemisphere. <i>Environmental Earth Sciences</i> , <b>2016</b> , 75, 1	2.9	64
57	Ice processes and surface ablation in a shallow thermokarst lake in the central Qinghai-Tibetan Plateau. <i>Annals of Glaciology</i> , <b>2016</b> , 57, 20-28	2.5	10
56	Characterization of the prokaryotic diversity through a stratigraphic permafrost core profile from the Qinghai-Tibet Plateau. <i>Extremophiles</i> , <b>2016</b> , 20, 337-49	3	9
55	Soil organic carbon stabilization by iron in permafrost regions of the Qinghai-Tibet Plateau. <i>Geophysical Research Letters</i> , <b>2016</b> , 43, 10,286-10,294	4.9	23
54	Impact of climatic factors on permafrost of the Qinghai-Xizang Plateau in the time-frequency domain. <i>Quaternary International</i> , <b>2015</b> , 374, 110-117	2	15
53	Changes in active-layer thickness and near-surface permafrost between 2002 and 2012 in alpine ecosystems, Qinghai-Xizang (Tibet) Plateau, China. <i>Global and Planetary Change</i> , <b>2015</b> , 124, 149-155	4.2	137
52	Carbon and Nitrogen Properties of Permafrost over the Eboing Mountain in the Upper Reach of Heihe River Basin, Northwestern China. <i>Arctic, Antarctic, and Alpine Research</i> , <b>2015</b> , 47, 203-211	1.8	24
51	Period analysis and trend forecast for soil temperature in the Qinghai-Xizang Highway by wavelet transformation. <i>Environmental Earth Sciences</i> , <b>2015</b> , 74, 2883-2891	2.9	9
50	Relative Roles of Deterministic and Stochastic Processes in Driving the Vertical Distribution of Bacterial Communities in a Permafrost Core from the Qinghai-Tibet Plateau, China. <i>PLoS ONE</i> , <b>2015</b> , 10, e0145747	3.7	22
49	Effect of the Qinghai-Tibet Railway on vegetation abundance. <i>International Journal of Remote Sensing</i> , <b>2015</b> , 36, 5222-5238	3.1	7
48	Multiple time scale characteristics of permafrost temperature variations along the Qinghai-Xizang Highway. <i>Quaternary International</i> , <b>2014</b> , 349, 178-186	2	4
47	Spatiotemporal characteristics of freezing and thawing of the active layer in the source areas of the Yellow River (SAYR). <i>Science Bulletin</i> , <b>2014</b> , 59, 3034-3045		25
46	The effect and implication of human disturbances on altitudinal variation of non-structural carbohydrates in <i>Kobresia pygmaea</i> . <i>Acta Physiologiae Plantarum</i> , <b>2014</b> , 36, 2511-2519	2.6	0

45	Stable carbon isotopes as indicators for permafrost carbon vulnerability in upper reach of Heihe River basin, northwestern China. <i>Quaternary International</i> , <b>2014</b> , 321, 71-77	2	27
44	The effect of permafrost changes on embankment stability along the Qinghai-Xizang Railway. <i>Environmental Earth Sciences</i> , <b>2014</b> , 71, 3321-3328	2.9	10
43	Field Test on Ventilation Characteristics of Block Stone Embankments in Qinghai-Tibet Railway. <i>Soil Mechanics and Foundation Engineering</i> , <b>2014</b> , 51, 234-241	0.7	1
42	Assessing soil erosion and control factors by radiometric technique in the source region of the Yellow River, Tibetan Plateau. <i>Quaternary Research</i> , <b>2014</b> , 81, 538-544	1.9	12
41	Permafrost changes and engineering stability in Qinghai-Xizang Plateau. <i>Science Bulletin</i> , <b>2013</b> , 58, 1079-1094	65	
40	Annual soil CO <sub>2</sub> efflux in a wet meadow during active layer freeze-thaw changes on the Qinghai-Tibet Plateau. <i>Environmental Earth Sciences</i> , <b>2013</b> , 69, 855-862	2.9	12
39	Characteristics of Methane Hydrate Formation in Artificial and Natural Media. <i>Energies</i> , <b>2013</b> , 6, 1233-1249	11	
38	?????????????????????????????. <i>SCIENTIA SINICA Terrae</i> , <b>2013</b> , 43, 478-489	1.3	7
37	Thermal hazards zonation and permafrost change over the Qinghai-Tibet Plateau. <i>Natural Hazards</i> , <b>2012</b> , 61, 403-423	3	36
36	Modelling Open-Talik Formation and Permafrost Lateral Thaw under a Thermokarst Lake, Beiluhe Basin, Qinghai-Tibet Plateau. <i>Permafrost and Periglacial Processes</i> , <b>2012</b> , 23, 312-321	4.2	26
35	A New Method to Determine the Upper Boundary Condition for a Permafrost Thermal Model: An Example from the Qinghai-Tibet Plateau. <i>Permafrost and Periglacial Processes</i> , <b>2012</b> , 23, 301-311	4.2	9
34	Distribution of Permafrost in China: An Overview of Existing Permafrost Maps. <i>Permafrost and Periglacial Processes</i> , <b>2012</b> , 23, 322-333	4.2	151
33	Correlation of alpine vegetation degradation and soil nutrient status of permafrost in the source regions of the Yangtze River, China. <i>Environmental Earth Sciences</i> , <b>2012</b> , 67, 1215-1223	2.9	15
32	Remedying embankment thaw settlement in a warm permafrost region with thermosyphons and crushed rock revetment. <i>Canadian Geotechnical Journal</i> , <b>2012</b> , 49, 1005-1014	3.2	47
31	Thermal regime of conventional embankments along the Qinghai-Tibet Railway in permafrost regions. <i>Cold Regions Science and Technology</i> , <b>2012</b> , 70, 123-131	3.8	20
30	Cooling processes and effects of crushed rock embankment along the Qinghai-Tibet Railway in permafrost regions. <i>Cold Regions Science and Technology</i> , <b>2012</b> , 78, 107-114	3.8	25
29	Exchange of groundwater and surface-water mediated by permafrost response to seasonal and long term air temperature variation. <i>Geophysical Research Letters</i> , <b>2011</b> , 38, n/a-n/a	4.9	134
28	The thermal effect of differential solar exposure on embankments along the Qinghai-Tibet Railway. <i>Cold Regions Science and Technology</i> , <b>2011</b> , 66, 30-38	3.8	27



27	Characteristics and mechanisms of embankment deformation along the Qinghai-Tibet Railway in permafrost regions. <i>Cold Regions Science and Technology</i> , <b>2011</b> , 67, 178-186	3.8	81
26	Water Transfer Characteristics during Methane Hydrate Formation Processes in Layered Media. <i>Energies</i> , <b>2011</b> , 4, 1129-1137	3.1	5
25	Thermal Interaction between Permafrost and the Qinghai-Tibet Railway. <i>Journal of Cold Regions Engineering - ASCE</i> , <b>2010</b> , 24, 112-125	1.1	9
24	Changes in active layer thickness over the Qinghai-Tibetan Plateau from 1995 to 2007. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115,		202
23	Permafrost temperatures and thickness on the Qinghai-Tibet Plateau. <i>Global and Planetary Change</i> , <b>2010</b> , 72, 32-38	4.2	149
22	Long-term thermal effect of asphalt pavement on permafrost under an embankment. <i>Cold Regions Science and Technology</i> , <b>2010</b> , 60, 221-229	3.8	62
21	Thermal state of permafrost and active layer in Central Asia during the international polar year. <i>Permafrost and Periglacial Processes</i> , <b>2010</b> , 21, 198-207	4.2	223
20	Effect of cooling rate on methane hydrate formation in media. <i>Fluid Phase Equilibria</i> , <b>2010</b> , 298, 225-230	2.5	13
19	The influence of degradation of the swamp and alpine meadows on CH <sub>4</sub> and CO <sub>2</sub> fluxes on the Qinghai-Tibetan Plateau. <i>Environmental Earth Sciences</i> , <b>2010</b> , 60, 537-548	2.9	34
18	Processes and modes of permafrost degradation on the Qinghai-Tibet Plateau. <i>Science China Earth Sciences</i> , <b>2010</b> , 53, 150-158	4.6	30
17	Changes in frozen ground in the Source Area of the Yellow River on the Qinghai-Tibet Plateau, China, and their eco-environmental impacts. <i>Environmental Research Letters</i> , <b>2009</b> , 4, 045206	6.2	149
16	Comparison of the water change characteristics between the formation and dissociation of methane hydrate and the freezing and thawing of ice in sand. <i>Journal of Natural Gas Chemistry</i> , <b>2009</b> , 18, 205-210		6
15	Innovative designs of permafrost roadbed for the Qinghai-Tibet Railway. <i>Science in China Series D: Earth Sciences</i> , <b>2009</b> , 52, 530-538		51
14	Effects of Cooling Process on Formation of Methane Hydrate in Coarse Sand. <i>Chinese Journal of Geophysics</i> , <b>2009</b> , 52, 1075-1082		
13	Recent permafrost warming on the Qinghai-Tibetan Plateau. <i>Journal of Geophysical Research</i> , <b>2008</b> , 113,		237
12	Analyses of temperature fields under the embankment with crushed-rock structures along the Qinghai-Tibet Railway. <i>Cold Regions Science and Technology</i> , <b>2008</b> , 53, 259-270	3.8	69
11	Analysis of cooling effect of crushed rock-based embankment of the Qinghai-Xizang Railway. <i>Cold Regions Science and Technology</i> , <b>2008</b> , 53, 271-282	3.8	55
10	Groundwater in the Tibet Plateau, western China. <i>Geophysical Research Letters</i> , <b>2008</b> , 35,	4.9	35



9	Analysis of the Deformation of Embankments on the Qinghai-Tibet Railway. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , <b>2008</b> , 134, 1645-1654	3.4	33
8	Assessment of frozen-ground conditions for engineering geology along the Qinghai-Tibet highway and railway, China. <i>Engineering Geology</i> , <b>2008</b> , 101, 96-109	6	63
7	Cooling mechanism of embankment with block stone interlayer in Qinghai-Tibet railway. <i>Science in China Series D: Earth Sciences</i> , <b>2007</b> , 50, 319-328		13
6	Responses of Permafrost on the Qinghai-Tibet Plateau, China, to Climate Change and Engineering Construction. <i>Arctic, Antarctic, and Alpine Research</i> , <b>2007</b> , 39, 682-687	1.8	56
5	Observed changes of cryosphere in China over the second half of the 20th century: an overview. <i>Annals of Glaciology</i> , <b>2007</b> , 46, 382-390	2.5	37
4	Impacts of permafrost changes on alpine ecosystem in Qinghai-Tibet Plateau. <i>Science in China Series D: Earth Sciences</i> , <b>2006</b> , 49, 1156-1169		113
3	Technical approaches on permafrost thermal stability for Qinghai-Tibet Railway. <i>Geomechanics and Geoengineering</i> , <b>2006</b> , 1, 119-127	1.4	30
2	Impact of permafrost change on the Qinghai-Tibet Railroad engineering. <i>Science in China Series D: Earth Sciences</i> , <b>2004</b> , 47, 122-130		24
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