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List of Publications by Year in descending order

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133
papers

5,962
citations

76196

40
h-index

85405

71
g-index

144
all docs

144
docs citations

144
times ranked

3837
citing authors

#	ARTICLE	IF	CITATIONS
1	Cryospheric change in China. <i>Global and Planetary Change</i> , 2008, 62, 210-218.	1.6	307
2	Permafrost and groundwater on the Qinghai-Tibet Plateau and in northeast China. <i>Hydrogeology Journal</i> , 2013, 21, 5-23.	0.9	280
3	Permafrost and climatic change in China. <i>Global and Planetary Change</i> , 2000, 26, 387-404.	1.6	220
4	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> , 2009, 4, 045206.	2.2	219
5	Distribution of Permafrost in China: An Overview of Existing Permafrost Maps. <i>Permafrost and Periglacial Processes</i> , 2012, 23, 322-333.	1.5	210
6	Degradation of permafrost in the Xing'anling Mountains, northeastern China. <i>Permafrost and Periglacial Processes</i> , 2007, 18, 245-258.	1.5	200
7	The Northern Hemisphere (NH) maximum (LPM) map of the Northern Hemisphere: permafrost extent and mean annual air temperatures, 25°N-70°N. <i>Boreas</i> , 2014, 43, 652-666.	1.2	179
8	Changes in permafrost environments along the Qinghai-Tibet engineering corridor induced by anthropogenic activities and climate warming. <i>Cold Regions Science and Technology</i> , 2008, 53, 317-333.	1.6	172
9	Characteristic, changes and impacts of permafrost on Qinghai-Tibet Plateau. <i>Chinese Science Bulletin</i> , 2019, 64, 2783-2795.	0.4	169
10	Impacts of climate-induced permafrost degradation on vegetation: A review. <i>Advances in Climate Change Research</i> , 2021, 12, 29-47.	2.1	137
11	Thermal regimes and degradation modes of permafrost along the Qinghai-Tibet Highway. <i>Science in China Series D: Earth Sciences</i> , 2006, 49, 1170-1183.	0.9	117
12	Mapping the permafrost stability on the Tibetan Plateau for 2005-2015. <i>Science China Earth Sciences</i> , 2021, 64, 62-79.	2.3	114
13	Difference between near-surface air, land surface and ground surface temperatures and their influences on the frozen ground on the Qinghai-Tibet Plateau. <i>Geoderma</i> , 2018, 312, 74-85.	2.3	102
14	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> , 2018, 618, 1033-1045.	3.9	100
15	Impact of wildfire on permafrost landscapes: A review of recent advances and future prospects. <i>Permafrost and Periglacial Processes</i> , 2020, 31, 371-382.	1.5	98
16	Prediction of permafrost changes in Northeastern China under a changing climate. <i>Science China Earth Sciences</i> , 2011, 54, 924-935.	2.3	94
17	A modified normalized model for predicting effective soil thermal conductivity. <i>Acta Geotechnica</i> , 2017, 12, 1281-1300.	2.9	94
18	Evolution of permafrost on the Qinghai-Xizang (Tibet) Plateau since the end of the late Pleistocene. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	92

#	ARTICLE	IF	CITATIONS
73	Evolutions of water stable isotopes and the contributions of cryosphere to the alpine river on the Tibetan Plateau. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	23
74	Evaluation of groundwater discharge into surface water by using Radon-222 in the Source Area of the Yellow River, Qinghai-Tibet Plateau. <i>Journal of Environmental Radioactivity</i> , 2018, 192, 257-266.	0.9	23
75	Variation of alpine lakes from 1986 to 2019 in the Headwater Area of the Yellow River, Tibetan Plateau using Google Earth Engine. <i>Advances in Climate Change Research</i> , 2020, 11, 11-21.	2.1	23
76	Mapping thermokarst lakes and ponds across permafrost landscapes in the Headwater Area of Yellow River on northeastern Qinghai-Tibet Plateau. <i>International Journal of Remote Sensing</i> , 2020, 41, 7042-7067.	1.3	23
77	Climate warming over 1961â2019 and impacts on permafrost zonation in Northeast China. <i>Journal of Forestry Research</i> , 2022, 33, 767-788.	1.7	22
78	Impacts of Permafrost Degradation on Carbon Stocks and Emissions under a Warming Climate: A Review. <i>Atmosphere</i> , 2021, 12, 1425.	1.0	21
79	Permafrost Degradation Leads to Biomass and Species Richness Decreases on the Northeastern Qinghai-Tibet Plateau. <i>Plants</i> , 2020, 9, 1453.	1.6	20
80	Spatiotemporal changes in extreme ground surface temperatures and the relationship with air temperatures in the Three-River Source Regions during 1980â2013. <i>Theoretical and Applied Climatology</i> , 2016, 123, 885-897.	1.3	19
81	Quaternary Permafrost in China: Framework and Discussions. <i>Quaternary</i> , 2020, 3, 32.	1.0	19
82	Thermal characteristics of cast-in-place pile foundations in warm permafrost at Beiluhe on interior Qinghai-Tibet Plateau: Field observations and numerical simulations. <i>Soils and Foundations</i> , 2020, 60, 90-102.	1.3	18
83	46-Year (1973â2019) Permafrost Landscape Changes in the Hala Basin, Northeast China Using Machine Learning and Object-Oriented Classification. <i>Remote Sensing</i> , 2021, 13, 1910.	1.8	18
84	No protection of permafrost due to desertification on the QinghaiâTibet Plateau. <i>Scientific Reports</i> , 2017, 7, 1544.	1.6	17
85	Improving Permafrost Physics in a Distributed CryosphereâHydrology Model and Its Evaluations at the Upper Yellow River Basin. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032916.	1.2	17
86	Investigation of permafrost engineering geological environment with electrical resistivity tomography: A case study along the China-Russia crude oil pipelines. <i>Engineering Geology</i> , 2021, 291, 106237.	2.9	17
87	Shrinking thermokarst lakes and ponds on the northeastern QinghaiâTibet plateau over the past three decades. <i>Permafrost and Periglacial Processes</i> , 2021, 32, 601-617.	1.5	17
88	Active layer seasonal freeze-thaw processes and influencing factors in the alpine permafrost regions in the upper reaches of the Heihe River in Qilian Mountains. <i>Chinese Science Bulletin</i> , 2016, 61, 2742-2756.	0.4	17
89	Thermal state of soils in the active layer and underlain permafrost at the kilometer post 304 site along the China-Russia Crude Oil Pipeline. <i>Journal of Mountain Science</i> , 2016, 13, 1984-1994.	0.8	15
90	Consumption of atmospheric methane by the QinghaiâTibet Plateau alpine steppe ecosystem. <i>Cryosphere</i> , 2018, 12, 2803-2819.	1.5	15

