Wen Shang

List of Publications by Year
in descending order

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26 papers	1,704 citations	471477 17 h-index	552766 26 g-index
26 all docs	26 docs citations	26 times ranked	1451 citing authors

#	Article	IF	Citations
1	A new map of permafrost distribution on the Tibetan Plateau. Cryosphere, 2017, 11, 2527-2542.	3.9	481
2	Thermal state of permafrost and active layer in Central Asia during the international polar year. Permafrost and Periglacial Processes, 2010, 21, 198-207.	3.4	266
3	Temporal and spatial variations of the active layer along the Qinghai-Tibet Highway in a permafrost region. Science Bulletin, 2012, 57, 4609-4616.	1.7	135
4	Mapping the vegetation distribution of the permafrost zone on the Qinghai-Tibet Plateau. Journal of Mountain Science, 2016, 13, 1035-1046.	2.0	85
5	Effects of permafrost degradation on ecosystems. Acta Ecologica Sinica, 2010, 30, 33-39.	1.9	82
6	Soil moisture and texture primarily control the soil nutrient stoichiometry across the Tibetan grassland. Science of the Total Environment, 2018, 622-623, 192-202.	8.0	75
7	Environmental controls on soil organic carbon and nitrogen stocks in the highâ€altitude arid western Qinghaiâ€Tibetan Plateau permafrost region. Journal of Geophysical Research G: Biogeosciences, 2016, 121, 176-187.	3.0	72
8	A conceptual model of the controlling factors of soil organic carbon and nitrogen densities in a permafrost-affected region on the eastern Qinghai-Tibetan Plateau. Journal of Geophysical Research G: Biogeosciences, 2017, 122, 1705-1717.	3.0	68
9	Vertical patterns and controls of soil nutrients in alpine grassland: Implications for nutrient uptake. Science of the Total Environment, 2017, 607-608, 855-864.	8.0	64
10	Seasonal variations in labile soil organic matter fractions in permafrost soils with different vegetation types in the central Qinghaiâ€“Tibet Plateau. Catena, 2016, 137, 670-678.	5.0	60
11	Soil organic carbon and total nitrogen pools in permafrost zones of the Qinghai-Tibetan Plateau. Scientific Reports, 2018, 8, 3656.	3.3	60
12	Bacterial communities in the upper soil layers in the permafrost regions on the Qinghai-Tibetan plateau. Applied Soil Ecology, 2017, 120, 81-88.	4.3	33
13	Effects of permafrost thaw-subsidence on soil bacterial communities in the southern Qinghai-Tibetan Plateau. Applied Soil Ecology, 2018, 128, 81-88.	4.3	33
14	Variations in soil nutrient availability across Tibetan grassland from the 1980s to 2010s. Geoderma, 2019, 338, 197-205.	5.1	31
15	Mineralisation and Changes in the Fractions of Soil Organic Matter in Soils of the Permafrost Region, Qinghaiâ€Tibet Plateau, China. Permafrost and Periglacial Processes, 2014, 25, 35-44.	3.4	27
16	Influence of land cover on riverine dissolved organic carbon concentrations and export in the Three Rivers Headwater Region of the Qinghai-Tibetan Plateau. Science of the Total Environment, 2018, 630, 314-322.	8.0	21
17	Hydrochemical characteristics of ground ice in permafrost regions of the Qinghai-Tibet Plateau. Science of the Total Environment, 2018, 626, 366-376.	8.0	21
18	Soil carbon and nitrogen in the active layers of the permafrost regions in the Three Riversâ€™ Headstream. Environmental Earth Sciences, 2014, 72, 5113-5122.	2.7	15

#	Article	IF	Citations
19	Permafrost and land cover as controlling factors for light fraction organic matter on the southern Qinghai-Tibetan plateau. Science of the Total Environment, 2018, 613-614, 1165-1174.	8.0	14
20	Soil infiltration processes of different underlying surfaces in the permafrost region on the Tibetan Plateau. Hydrological Sciences Journal, 2018, 63, 1733-1744.	2.6	13
21	Seasonal changes in labile organic matter as a function of environmental factors in a relict permafrost region on the Qinghai-Tibetan Plateau. Catena, 2019, 180, 194-202.	5.0	12
22	Quantification of permafrost creep provides kinematic evidence for classifying a puzzling periglacial landform. Earth Surface Processes and Landforms, 2021, 46, 465-477.	2.5	10
23	Soil distribution modeling using inductive learning in the eastern part of permafrost regions in Qinghaiâ€“Xizang (Tibetan) Plateau. Catena, 2015, 126, 98-104.	5.0	9
24	Seasonal variations of nitrogen in permafrost-affected soils of the Qinghai-Tibetan Plateau. Catena, 2020, 195, 104793.	5.0	8
25	Vegetation Mapping in the Permafrost Region: A Case Study on the Central Qinghai-Tibet Plateau. Remote Sensing, 2022, 14, 232.	4.0	5
26	Distribution of Soils and Landform Relationships in Permafrost Regions of the Western Qinghai-Xizang (Tibetan) Plateau, China. Soil Science, 2014, 179, 348-357.	0.9	4