Gen-xu Wang

List of Publications by Year in descending order

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CEN-YU WANC

#	Article	IF	CITATIONS
1	Influences of alpine ecosystem responses to climatic change on soil properties on the Qinghai–Tibet Plateau, China. Catena, 2007, 70, 506-514.	5.0	202
2	Effects of warming and nitrogen fertilization on GHG flux in the permafrost region of an alpine meadow. Atmospheric Environment, 2017, 157, 111-124.	4.1	63
3	Spatialâ€Temporal Patterns of Evapotranspiration Along an Elevation Gradient on Mount Gongga, Southwest China. Water Resources Research, 2018, 54, 4180-4192.	4.2	45
4	Impacts of Climatic Change on Hydrological Regime in the Three-River Headwaters Region, China, 1960-2009. Water Resources Management, 2016, 30, 115-131.	3.9	43
5	Seasonal dynamics of suprapermafrost groundwater and its response to the freeing-thawing processes of soil in the permafrost region of Qinghai-Tibet Plateau. Science China Earth Sciences, 2015, 58, 727-738.	5.2	40
6	Separation of the Impact of Landuse/Landcover Change and Climate Change on Runoff in the Upstream Area of the Yangtze River, China. Water Resources Management, 2022, 36, 181-201.	3.9	38
7	Variations in the live biomass and carbon pools of Abies georgei along an elevation gradient on the Tibetan Plateau, China. Forest Ecology and Management, 2014, 329, 255-263.	3.2	35
8	Non-growing season soil CO2 flux and its contribution to annual soil CO2 emissions in two typical grasslands in the permafrost region of the Qinghai-Tibet Plateau. European Journal of Soil Biology, 2015, 71, 45-52.	3.2	33
9	Grassland types and season-dependent response of ecosystem respiration to experimental warming in a permafrost region in the Tibetan Plateau. Agricultural and Forest Meteorology, 2017, 247, 271-279.	4.8	30
10	Changes in monthly streamflow in the Hindukush–Karakoram–Himalaya Region of Pakistan using innovative polygon trend analysis. Stochastic Environmental Research and Risk Assessment, 2022, 36, 811-830.	4.0	29
11	Impacts of surface soil organic content on the soil thermal dynamics of alpine meadows in permafrost regions: data from field observations. Geoderma, 2014, 232-234, 414-425.	5.1	28
12	Influences of the degradation of swamp and alpine meadows on CO2 emission during growing season on the Qinghai-Tibet Plateau. Science Bulletin, 2007, 52, 2565-2574.	1.7	19
13	Response of soil heat-water processes to vegetation cover on the typical permafrost and seasonally frozen soil in the headwaters of the Yangtze and Yellow Rivers. Science Bulletin, 2009, 54, 1225-1233.	9.0	18
14	Evaluation of the rescaled complementary principle in the estimation of evaporation on the Tibetan Plateau. Science of the Total Environment, 2020, 699, 134367.	8.0	18
15	Exploring the influence of environmental factors in partitioning evapotranspiration along an elevation gradient on Mount Gongga, eastern edge of the Qinghai-Tibet Platea, China. Journal of Mountain Science, 2020, 17, 384-396.	2.0	18
16	Dynamics of Evapotranspiration and Variations in Different Land-Cover Regions over the Tibetan Plateau during 1961–2014. Journal of Hydrometeorology, 2021, 22, 955-969.	1.9	18
17	Spatiotemporal Variability and Driving Factors of Tibetan Plateau Water Use Efficiency. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2020JD032642.	3.3	17
18	Temperature trends and elevation dependent warming during 1965–2014 in headwaters of Yangtze River, Qinghai Tibetan Plateau. Journal of Mountain Science, 2020, 17, 556-571.	2.0	17

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19	Effect of climate change on seasonal water use efficiency in subalpine Abies fabri. Journal of Mountain Science, 2017, 14, 142-157.	2.0	12
20	Short-term responses of ecosystem respiration to warming and nitrogen addition in an alpine swamp meadow. European Journal of Soil Biology, 2019, 92, 16-23.	3.2	12
21	Elevationâ€dependent changes in reference evapotranspiration due to climate change. Hydrological Processes, 2020, 34, 5580-5594.	2.6	12
22	Enhancing ecological value through sustainable food supply of grasslands in the Three-River-Source National Park, Tibet Plateau, China. Ecosystem Services, 2020, 46, 101218.	5.4	12
23	Attribution of Changes in Streamflow to Climate Change and Land Cover Change in Yangtze River Source Region, China. Water (Switzerland), 2022, 14, 259.	2.7	12
24	Land carbon sink of the Tibetan Plateau may be overestimated without accounting for the aquatic carbon export. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	11
25	Grass-livestock balance based grassland ecological carrying capability and sustainable strategy in the Yellow River Source National Park, Tibet Plateau, China. Journal of Mountain Science, 2021, 18, 2201-2211.	2.0	10
26	Evidence of endophytic nitrogen fixation as a potential mechanism supporting colonization of non-nodulating pioneer plants on a glacial foreland. Biology and Fertility of Soils, 2022, 58, 527-539.	4.3	9
27	Estimating the evaporation in the Fenghuo Mountains permafrost region of the Tibetan Plateau. Catena, 2020, 194, 104754.	5.0	8
28	Improving Runoff Simulation and Forecasting with Segmenting Delay of Baseflow from Fast Surface Flow in Montane High-Vegetation-Covered Catchments. Water (Switzerland), 2021, 13, 196.	2.7	8
29	Bryophytes impact the fluxes of soil non-carbon dioxide greenhouse gases in a subalpine coniferous forest. Biology and Fertility of Soils, 2020, 56, 1151-1163.	4.3	4
30	Allometric equations of select tree species of the Tibetan Plateau, China. Journal of Mountain Science, 2017, 14, 1889-1902.	2.0	3
31	Carbon storage of the forest and its spatial pattern in Tibet, China. Journal of Mountain Science, 2021, 18, 1748-1761.	2.0	2
32	Improving the Estimation of Throughfall Amounts in Primeval Forests along an Elevation Gradient on Mountain Gongga, Southwest China. Atmosphere, 2022, 13, 639.	2.3	0