

Gen-xu Wang

List of Publications by Citations

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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.

31
papers

464
citations

11
h-index

21
g-index

32
ext. papers

664
ext. citations

4.5
avg, IF

3.68
L-index

#	Paper	IF	Citations
31	Influences of alpine ecosystem responses to climatic change on soil properties on the Qinghai-Tibet Plateau, China. <i>Catena</i> , 2007 , 70, 506-514	5.8	156
30	Effects of warming and nitrogen fertilization on GHG flux in the permafrost region of an alpine meadow. <i>Atmospheric Environment</i> , 2017 , 157, 111-124	5.3	43
29	Impacts of Climatic Change on Hydrological Regime in the Three-River Headwaters Region, China, 1960-2009. <i>Water Resources Management</i> , 2016 , 30, 115-131	3.7	29
28	Spatial-Temporal Patterns of Evapotranspiration Along an Elevation Gradient on Mount Gongga, Southwest China. <i>Water Resources Research</i> , 2018 , 54, 4180-4192	5.4	26
27	Seasonal dynamics of suprapermafrost groundwater and its response to the freezing-thawing processes of soil in the permafrost region of Qinghai-Tibet Plateau. <i>Science China Earth Sciences</i> , 2015 , 58, 727-738	4.6	25
26	Non-growing season soil CO ₂ flux and its contribution to annual soil CO ₂ emissions in two typical grasslands in the permafrost region of the Qinghai-Tibet Plateau. <i>European Journal of Soil Biology</i> , 2015 , 71, 45-52	2.9	23
25	Variations in the live biomass and carbon pools of <i>Abies georgei</i> along an elevation gradient on the Tibetan Plateau, China. <i>Forest Ecology and Management</i> , 2014 , 329, 255-263	3.9	23
24	Impacts of surface soil organic content on the soil thermal dynamics of alpine meadows in permafrost regions: data from field observations. <i>Geoderma</i> , 2014 , 232-234, 414-425	6.7	21
23	Grassland types and season-dependent response of ecosystem respiration to experimental warming in a permafrost region in the Tibetan Plateau. <i>Agricultural and Forest Meteorology</i> , 2017 , 247, 271-279	5.8	20
22	Influences of the degradation of swamp and alpine meadows on CO ₂ emission during growing season on the Qinghai-Tibet Plateau. <i>Science Bulletin</i> , 2007 , 52, 2565-2574		18
21	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. <i>Science Bulletin</i> , 2009 , 54, 1225-1233	10.6	12
20	Evaluation of the rescaled complementary principle in the estimation of evaporation on the Tibetan Plateau. <i>Science of the Total Environment</i> , 2020 , 699, 134367	10.2	10
19	Temperature trends and elevation dependent warming during 1965-2014 in headwaters of Yangtze River, Qinghai Tibetan Plateau. <i>Journal of Mountain Science</i> , 2020 , 17, 556-571	2.1	9
18	Effect of climate change on seasonal water use efficiency in subalpine <i>Abies fabri</i> . <i>Journal of Mountain Science</i> , 2017 , 14, 142-157	2.1	8
17	Exploring the influence of environmental factors in partitioning evapotranspiration along an elevation gradient on Mount Gongga, eastern edge of the Qinghai-Tibet Plateau, China. <i>Journal of Mountain Science</i> , 2020 , 17, 384-396	2.1	7
16	Separation of the Impact of Landuse/Landcover Change and Climate Change on Runoff in the Upstream Area of the Yangtze River, China. <i>Water Resources Management</i> , 1	3.7	5
15	Changes in monthly streamflow in the Hindukush-Karakoram-Himalaya Region of Pakistan using innovative polygon trend analysis. <i>Stochastic Environmental Research and Risk Assessment</i> , 1	3.5	5

14	Elevation-dependent changes in reference evapotranspiration due to climate change. <i>Hydrological Processes</i> , 2020 , 34, 5580-5594	3.3	4
13	Short-term responses of ecosystem respiration to warming and nitrogen addition in an alpine swamp meadow. <i>European Journal of Soil Biology</i> , 2019 , 92, 16-23	2.9	3
12	Land carbon sink of the Tibetan Plateau may be overestimated without accounting for the aquatic carbon export. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	3
11	Enhancing ecological value through sustainable food supply of grasslands in the Three-River-Source National Park, Tibet Plateau, China. <i>Ecosystem Services</i> , 2020 , 46, 101218	6.1	3
10	Spatiotemporal Variability and Driving Factors of Tibetan Plateau Water Use Efficiency. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020 , 125, e2020JD032642	4.4	3
9	Improving Runoff Simulation and Forecasting with Segmenting Delay of Baseflow from Fast Surface Flow in Montane High-Vegetation-Covered Catchments. <i>Water (Switzerland)</i> , 2021 , 13, 196	3	2
8	Allometric equations of select tree species of the Tibetan Plateau, China. <i>Journal of Mountain Science</i> , 2017 , 14, 1889-1902	2.1	1
7	Attribution of Changes in Streamflow to Climate Change and Land Cover Change in Yangtze River Source Region, China. <i>Water (Switzerland)</i> , 2022 , 14, 259	3	1
6	Estimating the evaporation in the Fenghuo Mountains permafrost region of the Tibetan Plateau. <i>Catena</i> , 2020 , 194, 104754	5.8	1
5	Bryophytes impact the fluxes of soil non-carbon dioxide greenhouse gases in a subalpine coniferous forest. <i>Biology and Fertility of Soils</i> , 2020 , 56, 1151-1163	6.1	1
4	Dynamics of Evapotranspiration and Variations in Different Land-Cover Regions over the Tibetan Plateau during 1961-2014. <i>Journal of Hydrometeorology</i> , 2021 , 22, 955-969	3.7	1
3	Grass-livestock balance based grassland ecological carrying capability and sustainable strategy in the Yellow River Source National Park, Tibet Plateau, China. <i>Journal of Mountain Science</i> , 2021 , 18, 2201-2211	2.1	1
2	Carbon storage of the forest and its spatial pattern in Tibet, China. <i>Journal of Mountain Science</i> , 2021 , 18, 1748-1761	2.1	
1	Improving the Estimation of Throughfall Amounts in Primeval Forests along an Elevation Gradient on Mountain Gongga, Southwest China. <i>Atmosphere</i> , 2022 , 13, 639	2.7	