Gen-xu Wang

List of Publications by Year in Descending Order

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	Attribution of Changes in Streamflow to Climate Change and Land Cover Change in Yangtze River Source Region, China. *Water (Switzerland)*, **2022**, 14, 259	3	1
30	Improving the Estimation of Throughfall Amounts in Primeval Forests along an Elevation Gradient on Mountain Gongga, Southwest China. *Atmosphere*, **2022**, 13, 639	2.7	
29	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,	11.5	3
28	Dynamics of Evapotranspiration and Variations in Different Land-Cover Regions over the Tibetan Plateau during 1961–2014. *Journal of Hydrometeorology*, **2021**, 22, 955-969	3.7	1
27	Carbon storage of the forest and its spatial pattern in Tibet, China. *Journal of Mountain Science*, **2021**, 18, 1748-1761	2.1	
26	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	2.1	1
25	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	3	2
24	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	2.1	9
23	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	2.1	7
22	Estimating the evaporation in the Fenghuo Mountains permafrost region of the Tibetan Plateau. *Catena*, **2020**, 194, 104754	5.8	1
21	Elevation-dependent changes in reference evapotranspiration due to climate change. *Hydrological Processes*, **2020**, 34, 5580-5594	3.3	4
20	Enhancing ecological value through sustainable food supply of grasslands in the Three-River-Source National Park, Tibet Plateau, China. *Ecosystem Services*, **2020**, 46, 101218	6.1	3
19	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	6.1	1
18	Spatiotemporal Variability and Driving Factors of Tibetan Plateau Water Use Efficiency. *Journal of Geophysical Research D: Atmospheres*, **2020**, 125, e2020JD032642	4.4	3
17	Evaluation of the rescaled complementary principle in the estimation of evaporation on the Tibetan Plateau. *Science of the Total Environment*, **2020**, 699, 134367	10.2	10
16	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	2.9	3
15	Spatial-Temporal Patterns of Evapotranspiration Along an Elevation Gradient on Mount Gongga, Southwest China. *Water Resources Research*, **2018**, 54, 4180-4192	5.4	26

14	Effects of warming and nitrogen fertilization on GHG flux in the permafrost region of an alpine meadow. *Atmospheric Environment*, **2017**, 157, 111-124	5.3	43
13	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	5.8	20
12	Allometric equations of select tree species of the Tibetan Plateau, China. *Journal of Mountain Science*, **2017**, 14, 1889-1902	2.1	1
11	Effect of climate change on seasonal water use efficiency in subalpine Abies fabri. *Journal of Mountain Science*, **2017**, 14, 142-157	2.1	8
10	Impacts of Climatic Change on Hydrological Regime in the Three-River Headwaters Region, China, 1960-2009. *Water Resources Management*, **2016**, 30, 115-131	3.7	29
9	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	4.6	25
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	2.9	23
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	3.9	23
6	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	6.7	21
5	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	10.6	12
4	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		18
3	Influences of alpine ecosystem responses to climatic change on soil properties on the Qinghai□Tibet Plateau, China. *Catena*, **2007**, 70, 506-514	5.8	156
2	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*,1	3.7	5
1	Changes in monthly streamflow in the Hindukush□Karakoram□Himalaya Region of Pakistan using innovative polygon trend analysis. *Stochastic Environmental Research and Risk Assessment*,1	3.5	5