

# Gen-xu Wang

## List of Publications by Year in descending order

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32  
papers

826  
citations

516215

16  
h-index

500791

28  
g-index

32  
all docs

32  
docs citations

32  
times ranked

920  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influences of alpine ecosystem responses to climatic change on soil properties on the Qinghai-Tibet Plateau, China. <i>Catena</i> , 2007, 70, 506-514.	2.2	202
2	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.	1.9	63
3	Spatial-Temporal Patterns of Evapotranspiration Along an Elevation Gradient on Mount Gongga, Southwest China. <i>Water Resources Research</i> , 2018, 54, 4180-4192.	1.7	45
4	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.	1.9	43
5	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.	2.3	40
6	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> , 2022, 36, 181-201.	1.9	38
7	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.	1.4	35
8	Non-growing season soil CO <sub>2</sub> flux and its contribution to annual soil CO <sub>2</sub> 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.	1.4	33
9	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.	1.9	30
10	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> , 2022, 36, 811-830.	1.9	29
11	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.	2.3	28
12	Influences of the degradation of swamp and alpine meadows on CO <sub>2</sub> emission during growing season on the Qinghai-Tibet Plateau. <i>Science Bulletin</i> , 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. <i>Science Bulletin</i> , 2009, 54, 1225-1233.	4.3	18
14	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.	3.9	18
15	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.	0.8	18
16	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.	0.7	18
17	Spatiotemporal Variability and Driving Factors of Tibetan Plateau Water Use Efficiency. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032642.	1.2	17
18	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.	0.8	17

#	ARTICLE	IF	CITATIONS
19	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.	0.8	12
20	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.	1.4	12
21	Elevation-dependent changes in reference evapotranspiration due to climate change. <i>Hydrological Processes</i> , 2020, 34, 5580-5594.	1.1	12
22	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.	2.3	12
23	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.	1.2	12
24	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, .	3.3	11
25	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.	0.8	10
26	Evidence of endophytic nitrogen fixation as a potential mechanism supporting colonization of non-nodulating pioneer plants on a glacial foreland. <i>Biology and Fertility of Soils</i> , 2022, 58, 527-539.	2.3	9
27	Estimating the evaporation in the Fenghuo Mountains permafrost region of the Tibetan Plateau. <i>Catena</i> , 2020, 194, 104754.	2.2	8
28	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.	1.2	8
29	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.	2.3	4
30	Allometric equations of select tree species of the Tibetan Plateau, China. <i>Journal of Mountain Science</i> , 2017, 14, 1889-1902.	0.8	3
31	Carbon storage of the forest and its spatial pattern in Tibet, China. <i>Journal of Mountain Science</i> , 2021, 18, 1748-1761.	0.8	2
32	Improving the Estimation of Throughfall Amounts in Primeval Forests along an Elevation Gradient on Mountain Gongga, Southwest China. <i>Atmosphere</i> , 2022, 13, 639.	1.0	0