Xiao-dan Wang

List of Publications by Citations

25 papers	274 citations	10 h-index	16 g-index
27 ext. papers	383 ext. citations	4.2 avg, IF	3.81 L-index

#	Paper	IF	Citations
25	Potential short-term effects of yak and Tibetan sheep dung on greenhouse gas emissions in two alpine grassland soils under laboratory conditions. *Biology and Fertility of Soils*, **2013**, 49, 1215-1226	6.1	35
24	Responses of soil CO2 fluxes to short-term experimental warming in alpine steppe ecosystem, Northern Tibet. *PLoS ONE*, **2013**, 8, e59054	3.7	33
23	Gross Nitrification and Denitrification in Alpine Grassland Ecosystems on the Tibetan Plateau. *Arctic, Antarctic, and Alpine Research*, **2012**, 44, 188-196	1.8	31
22	Human activities alter response of alpine grasslands on Tibetan Plateau to climate change. *Journal of Environmental Management*, **2020**, 262, 110335	7.9	20
21	Nitrogen uptake pattern of herbaceous plants: coping strategies in altered neighbor species. *Biology and Fertility of Soils*, **2017**, 53, 729-735	6.1	19
20	Effects of elevated CO on plant C-N-P stoichiometry in terrestrial ecosystems: A meta-analysis. *Science of the Total Environment*, **2019**, 650, 697-708	10.2	19
19	Uncertainty and dynamics of natural wetland CH4 release in China: Research status and priorities. *Atmospheric Environment*, **2017**, 154, 95-105	5.3	18
18	Embedded rock fragments affect alpine steppe plant growth, soil carbon and nitrogen in the northern Tibetan Plateau. *Plant and Soil*, **2017**, 420, 79-92	4.2	16
17	Impacts of warming on root biomass allocation in alpine steppe on the north Tibetan Plateau. *Journal of Mountain Science*, **2017**, 14, 1615-1623	2.1	13
16	CH4 exchanges of the natural ecosystems in China during the past three decades: The role of wetland extent and its dynamics. *Journal of Geophysical Research G: Biogeosciences*, **2016**, 121, 2445-2463	3.7	12
15	Variation in carbon, nitrogen and phosphorus partitioning between above- and belowground biomass along a precipitation gradient at Tibetan Plateau. *Journal of Mountain Science*, **2016**, 13, 661-671	2.1	8
14	Five-year study on the effects of warming and plant litter quality on litter decomposition rate in a Tibetan alpine grassland. *Science of the Total Environment*, **2021**, 750, 142306	10.2	8
13	C:N:P stoichiometry of perennial herbs□organs in the alpine steppe of the northern Tibetan Plateau. *Journal of Mountain Science*, **2019**, 16, 2039-2047	2.1	6
12	Strengthening Hydrological Regulation of China's Wetland Greenness Under a Warmer Climate. *Journal of Geophysical Research G: Biogeosciences*, **2017**, 122, 3206-3217	3.7	6
11	Yak dung pat fragmentation affects its carbon and nitrogen leaching in Northern Tibet, China. *Agriculture, Ecosystems and Environment*, **2021**, 310, 107301	5.7	5
10	Greater stimulation of greenhouse gas emissions by stored yak urine than urea in an alpine steppe soil from the Qinghai-Tibetan Plateau: A laboratory study. *Grassland Science*, **2017**, 63, 196-207	1.3	4
9	Global patterns in above-ground net primary production and precipitation-use efficiency in grasslands. *Journal of Mountain Science*, **2018**, 15, 1682-1692	2.1	4

8	Seasonal shifting in the absorption pattern of alpine species for NO_3^- and NH_4^+ on the Tibetan Plateau. *Biology and Fertility of Soils*, **2019**, 55, 801-811	6.1	4
7	Feedbacks of Alpine Wetlands on the Tibetan Plateau to the Atmosphere. *Wetlands*, **2020**, 40, 787-797	1.7	4
6	Temporal stability of aboveground net primary production in northern Tibet alpine steppe in response to nitrogen addition. *Journal of Mountain Science*, **2019**, 16, 2679-2686	2.1	3
5	Rebirth after death: forest succession dynamics in response to climate change on Gongga Mountain, Southwest China. *Journal of Mountain Science*, **2018**, 15, 1671-1681	2.1	2
4	Leaf meristems: an easily ignored component of the response to human disturbance in alpine grasslands. *Ecology and Evolution*, **2016**, 6, 2325-32	2.8	2
3	Carbon Sink of a Very High Marshland on the Tibetan Plateau. *Journal of Geophysical Research G: Biogeosciences*, **2021**, 126, e2020JG006235	3.7	1
2	Effects of rock fragments on yak dung greenhouse gas emissions on the Qinghai-Tibetan Plateau. *Journal of Mountain Science*, **2016**, 13, 2006-2014	2.1	1
1	Short-term effects of yak and Tibetan sheep urine deposition on soil carbon and nitrogen concentrations in an alpine steppe of the northern Tibetan Plateau, China. *Journal of Mountain Science*, **2022**, 19, 1156	2.1	0