Xiao-dan Wang

List of Publications by Year
in descending order

27 papers	464 citations	759055 12 h-index	713332 21 g-index
27 all docs	27 docs citations	27 times ranked	584 citing authors

#	Article	IF	Citations
1	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.	2.3	50
2	Human activities alter response of alpine grasslands on Tibetan Plateau to climate change. Journal of Environmental Management, 2020, 262, 110335.	3.8	43
3	Responses of Soil CO2 Fluxes to Short-Term Experimental Warming in Alpine Steppe Ecosystem, Northern Tibet. PLoS ONE, 2013, 8, e59054.	1.1	41
4	Gross Nitrification and Denitrification in Alpine Grassland Ecosystems on the Tibetan Plateau. Arctic, Antarctic, and Alpine Research, 2012, 44, 188-196.	0.4	40
5	Effects of elevated CO2 on plant C-N-P stoichiometry in terrestrial ecosystems: A meta-analysis. Science of the Total Environment, 2019, 650, 697-708.	3.9	40
6	Embedded rock fragments affect alpine steppe plant growth, soil carbon and nitrogen in the northern Tibetan Plateau. Plant and Soil, 2017, 420, 79-92.	1.8	36
7	Nitrogen uptake pattern of herbaceous plants: coping strategies in altered neighbor species. Biology and Fertility of Soils, 2017, 53, 729-735.	2.3	32
8	Uncertainty and dynamics of natural wetland CH4 release in China: Research status and priorities. Atmospheric Environment, 2017, 154, 95-105.	1.9	23
9	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.	3.9	22
10	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.	1.3	17
11	Impacts of warming on root biomass allocation in alpine steppe on the north Tibetan Plateau. Journal of Mountain Science, 2017, 14, 1615-1623.	0.8	14
12	Seasonal shifting in the absorption pattern of alpine species for NO3â˜ and NH4+ on the Tibetan Plateau. Biology and Fertility of Soils, 2019, 55, 801-811.	2.3	14
13	Feedbacks of Alpine Wetlands on the Tibetan Plateau to the Atmosphere. Wetlands, 2020, 40, 787-797.	0.7	13
14	Yak dung pat fragmentation affects its carbon and nitrogen leaching in Northern Tibet, China. Agriculture, Ecosystems and Environment, 2021, 310, 107301.	2.5	13
15	C:N:P stoichiometry of perennial herbsâ€™ organs in the alpine steppe of the northern Tibetan Plateau. Journal of Mountain Science, 2019, 16, 2039-2047.	0.8	11
16	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.	0.8	9
17	Strengthening Hydrological Regulation of China's Wetland Greenness Under a Warmer Climate. Journal of Geophysical Research G: Biogeosciences, 2017, 122, 3206-3217.	1.3	8
18	Carbon Sink of a Very High Marshland on the Tibetan Plateau. Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2020JG006235.	1.3	8

#	Article	IF	Citations
19	Greater stimulation of greenhouse gas emissions by stored yak urine than urea in an alpine steppe soil from the Qinghaiâ€Tibetan Plateau: A laboratory study. Grassland Science, 2017, 63, 196-207.	0.6	7
20	Global patterns in above-ground net primary production and precipitation-use efficiency in grasslands. Journal of Mountain Science, 2018, 15, 1682-1692.	0.8	6
21	Leaf meristems: an easily ignored component of the response to human disturbance in alpine grasslands. Ecology and Evolution, 2016, 6, 2325-2332.	0.8	4
22	Effects of rock fragments on yak dung greenhouse gas emissions on the Qinghai-Tibetan Plateau. Journal of Mountain Science, 2016, 13, 2006-2014.	0.8	3
23	Rebirth after death: forest succession dynamics in response to climate change on Gongga Mountain, Southwest China. Journal of Mountain Science, 2018, 15, 1671-1681.	0.8	3
24	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.	0.8	3
25	Depthwise Soil CO₂ Production Is Controlled by Freezeâ€Thaw Processes in a Tibetan Alpine Steppe. Journal of Geophysical Research G: Biogeosciences, 2022, 127, .	1.3	2
26	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, 1156-1167.	0.8	2
27	Reply to Wang etÂal.: Uncertainty of terrestrial ecosystem CO ₂ exchange of the Tibetan Plateau. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	0