

Yong Zhang

List of Publications by Year in descending order

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29
papers

1,118
citations

471509

17
h-index

477307

29
g-index

29
all docs

29
docs citations

29
times ranked

1230
citing authors

#	ARTICLE	IF	CITATIONS
1	Climate change and human activities altered the diversity and composition of soil microbial community in alpine grasslands of the Qinghai-Tibetan Plateau. <i>Science of the Total Environment</i> , 2016, 562, 353-363.	8.0	195
2	Differential response of alpine steppe and alpine meadow to climate warming in the central Qinghai-Tibetan Plateau. <i>Agricultural and Forest Meteorology</i> , 2016, 223, 233-240.	4.8	162
3	Seasonal changes of CO ₂ , CH ₄ and N ₂ O fluxes in different types of alpine grassland in the Qinghai-Tibetan Plateau of China. <i>Soil Biology and Biochemistry</i> , 2015, 80, 306-314.	8.8	105
4	Effects of grazing and climate warming on plant diversity, productivity and living state in the alpine rangelands and cultivated grasslands of the Qinghai-Tibetan Plateau. <i>Rangeland Journal</i> , 2015, 37, 57.	0.9	101
5	Soil bacterial and fungal diversity differently correlated with soil biochemistry in alpine grassland ecosystems in response to environmental changes. <i>Scientific Reports</i> , 2017, 7, 43077.	3.3	65
6	Responses of alpine vegetation and soils to the disturbance of plateau pika (<i>Ochotona curzoniae</i>) at burrow level on the Qinghai-Tibetan Plateau of China. <i>Ecological Engineering</i> , 2016, 88, 232-236.	3.6	55
7	Relationships between plant diversity and biomass production of alpine grasslands are dependent on the spatial scale and the dimension of biodiversity. <i>Ecological Engineering</i> , 2019, 127, 375-382.	3.6	49
8	Changes in vegetation composition and plant diversity with rangeland degradation in the alpine region of Qinghai-Tibet Plateau. <i>Rangeland Journal</i> , 2015, 37, 107.	0.9	48
9	Substantial gaps between the protection of biodiversity hotspots in alpine grasslands and the effectiveness of protected areas on the Qinghai-Tibetan Plateau, China. <i>Agriculture, Ecosystems and Environment</i> , 2019, 278, 15-23.	5.3	35
10	“Rare biosphere” plays important roles in regulating soil available nitrogen and plant biomass in alpine grassland ecosystems under climate changes. <i>Agriculture, Ecosystems and Environment</i> , 2019, 279, 187-193.	5.3	35
11	Differential resistance and resilience of functional groups to livestock grazing maintain ecosystem stability in an alpine steppe on the Qinghai-Tibetan Plateau. <i>Journal of Environmental Management</i> , 2019, 251, 109579.	7.8	32
12	The impacts of geographic, soil and climatic factors on plant diversity, biomass and their relationships of the alpine dry ecosystems: Cases from the Aerjin Mountain Nature Reserve, China. <i>Ecological Engineering</i> , 2019, 127, 170-177.	3.6	28
13	Effects of fertilizations on soil bacteria and fungi communities in a degraded arid steppe revealed by high through-put sequencing. <i>PeerJ</i> , 2018, 6, e4623.	2.0	28
14	Predicting the shift of threatened ungulates’ habitats with climate change in Altun Mountain National Nature Reserve of the Northwestern Qinghai-Tibetan Plateau. <i>Climatic Change</i> , 2017, 142, 331-344.	3.6	24
15	Integrated modeling to identify priority areas for the conservation of the endangered plant species in headwater areas of Asia. <i>Ecological Indicators</i> , 2019, 105, 47-56.	6.3	21
16	Grazing promoted soil microbial functional genes for regulating C and N cycling in alpine meadow of the Qinghai-Tibetan Plateau. <i>Agriculture, Ecosystems and Environment</i> , 2020, 303, 107111.	5.3	21
17	Rotational grazing promotes grassland aboveground plant biomass and its temporal stability under changing weather conditions on the Qinghai-Tibetan plateau. <i>Land Degradation and Development</i> , 2020, 31, 2662-2671.	3.9	19
18	The effects of grazing regimes on phenological stages, intervals and divergences of alpine plants on the Qinghai-Tibetan Plateau. <i>Journal of Vegetation Science</i> , 2019, 30, 134-145.	2.2	16

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19	Excessive plant compensatory growth: a potential endogenous driver of meadow degradation on the Qinghai-Tibetan Plateau. <i>Ecosystem Health and Sustainability</i> , 2020, 6, .	3.1	15
20	Grazing promotes plant functional diversity in alpine meadows on the Qinghai-Tibetan Plateau. <i>Rangeland Journal</i> , 2019, 41, 73.	0.9	13
21	Effects of potential mining activities on migration corridors of Chiru (<i>Pantholops hodgsonii</i>) in the Altun National Nature Reserve, China. <i>Journal for Nature Conservation</i> , 2015, 28, 119-126.	1.8	10
22	Soil organic carbon and total nitrogen stocks in alpine ecosystems of Altun Mountain National Nature Reserve in dry China. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 40.	2.7	7
23	Biomass and Species Diversity of Different Alpine Plant Communities Respond Differently to Nitrogen Deposition and Experimental Warming. <i>Plants</i> , 2021, 10, 2719.	3.5	7
24	Impacts of trails on plants, soil and their interactions in the subalpine meadows of Mount Jade Dragon, Northwestern Yunnan of China. <i>Grassland Science</i> , 2015, 61, 204-216.	1.1	6
25	Functional diversity and redundancy of subalpine meadows subjected to anthropogenic disturbances. <i>Journal of Plant Ecology</i> , 2021, 14, 870-883.	2.3	6
26	Grazing Exclusion Changed the Complexity and Keystone Species of Alpine Meadows on the Qinghai-Tibetan Plateau. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	6
27	Warming and spring precipitation addition change plant growth pattern but have minor effects on growing season mean gross ecosystem productivity in an alpine meadow. <i>Science of the Total Environment</i> , 2022, 841, 156712.	8.0	4
28	Land Degradation Changes the Role of Above- and Belowground Competition in Regulating Plant Biomass Allocation in an Alpine Meadow. <i>Frontiers in Plant Science</i> , 2022, 13, 822594.	3.6	3
29	Identifying suitable habitats of three ungulates in Arjinshan National Nature Reserve, China. <i>Journal of Mountain Science</i> , 2016, 13, 157-168.	2.0	2