

Guozhen Du

List of Publications by Year in descending order

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69
papers

3,005
citations

201674

27
h-index

175258

52
g-index

69
all docs

69
docs citations

69
times ranked

3614
citing authors

#	ARTICLE	IF	CITATIONS
1	Current patterns of plant diversity and phylogenetic structure on the Kunlun Mountains. <i>Plant Diversity</i> , 2022, 44, 30-38.	3.7	3
2	Current biogeographical roles of the Kunlun Mountains. <i>Ecology and Evolution</i> , 2022, 12, e8493.	1.9	6
3	Differential Mechanisms Drive Species Loss Under Artificial Shade and Fertilization in the Alpine Meadow of the Tibetan Plateau. <i>Frontiers in Plant Science</i> , 2022, 13, 832473.	3.6	24
4	N-Induced Species Loss Dampened by Clipping Mainly Through Suppressing Dominant Species in an Alpine Meadow. <i>Frontiers in Plant Science</i> , 2022, 13, 815011.	3.6	2
5	Light plasticity of germination on the eastern Tibetan Plateau: Phylogeny, trait, and environmental correlates. <i>Journal of Plant Physiology</i> , 2022, 272, 153670.	3.5	4
6	High soil pH enhances the network interactions among bacterial and archaeal microbiota in alpine grasslands of the Tibetan Plateau. <i>Environmental Microbiology</i> , 2021, 23, 464-477.	3.8	38
7	Elevation filters seed traits and germination strategies in the eastern Tibetan Plateau. <i>Ecography</i> , 2021, 44, 242-254.	4.5	11
8	Direct and indirect facilitation affect community productivity through changes in functional diversity in an alpine system. <i>Annals of Botany</i> , 2021, 127, 241-249.	2.9	8
9	Soil Seed Banks, Alternative Stable State Theory, and Ecosystem Resilience. <i>BioScience</i> , 2021, 71, 697-707.	4.9	31
10	Role of seed bank in aboveground vegetation regeneration signal ecosystem transition from arid grassland to shrubland with decreasing soil moisture. <i>Plant and Soil</i> , 2021, 466, 193-205.	3.7	0
11	Large-Scale Patterns of Soil Nematodes across Grasslands on the Tibetan Plateau: Relationships with Climate, Soil and Plants. <i>Diversity</i> , 2021, 13, 369.	1.7	3
12	The Complex Biodiversity-Ecosystem Function Relationships for the Qinghai-Tibetan Grassland Community. <i>Frontiers in Plant Science</i> , 2021, 12, 772503.	3.6	5
13	Direct and indirect effects of temperature and precipitation on alpine seed banks in the Tibetan Plateau. <i>Ecological Applications</i> , 2020, 30, e02096.	3.8	35
14	Phenological variation of flower longevity and duration of sex phases in a protandrous alpine plant: potential causes and fitness significance. <i>BMC Plant Biology</i> , 2020, 20, 137.	3.6	11
15	Global change effects on plant communities are magnified by time and the number of global change factors imposed. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 17867-17873.	7.1	141
16	Seed banks trigger ecological resilience in subalpine meadows abandoned after arable farming on the Tibetan Plateau. <i>Ecological Applications</i> , 2019, 29, e01959.	3.8	23
17	SRU _D : A simple non-destructive method for accurate quantification of plant diversity dynamics. <i>Journal of Ecology</i> , 2019, 107, 2155-2166.	4.0	9
18	Direct and indirect effects of long-term fertilization on the stability of the persistent seed bank. <i>Plant and Soil</i> , 2019, 438, 239-250.	3.7	15

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19	How do soil microorganisms respond to N, P and NP additions? Application of the ecological framework of (co)limitation by multiple resources. <i>Journal of Ecology</i> , 2019, 107, 2329-2345.	4.0	33
20	Stature of dependent forbs is more related to the direct and indirect above- and below-ground effects of a subalpine shrub than are foliage traits. <i>Journal of Vegetation Science</i> , 2019, 30, 403-412.	2.2	8
21	Increased community compositional dissimilarity alleviates species loss following nutrient enrichment at large spatial scales. <i>Journal of Plant Ecology</i> , 2019, 12, 376-386.	2.3	10
22	Grazing practices affect the soil microbial community composition in a Tibetan alpine meadow. <i>Land Degradation and Development</i> , 2019, 30, 49-59.	3.9	84
23	Dynamics of arbuscular mycorrhizal fungal community structure and functioning along a nitrogen enrichment gradient in an alpine meadow ecosystem. <i>New Phytologist</i> , 2018, 220, 1222-1235.	7.3	119
24	Grazing disturbance increases transient but decreases persistent soil seed bank. <i>Ecological Applications</i> , 2018, 28, 1020-1031.	3.8	34
25	Planting accelerates restoration of tropical forest but assembly mechanisms appear insensitive to initial composition. <i>Journal of Applied Ecology</i> , 2018, 55, 986-996.	4.0	22
26	Aboveground facilitation and not complementary resource use cause overyielding among grasses in Tibetan alpine ecosystems. <i>Folia Geobotanica</i> , 2018, 53, 365-376.	0.9	4
27	Shift in community functional composition following nitrogen fertilization in an alpine meadow through intraspecific trait variation and community composition change. <i>Plant and Soil</i> , 2018, 431, 289-302.	3.7	23
28	Light-dependent associations of germination proportion with seed mass in alpine grasslands of the Qinghai-Tibet plateau. <i>Ecological Engineering</i> , 2017, 105, 306-313.	3.6	9
29	Diversity effects under different nutrient addition and cutting frequency environments in experimental plant communities. <i>Ecological Research</i> , 2017, 32, 611-619.	1.5	11
30	Contrasting understorey species responses to the canopy and root effects of a dominant shrub drive community composition. <i>Journal of Vegetation Science</i> , 2017, 28, 1118-1127.	2.2	14
31	The effect of light and seed mass on seed germination of common herbaceous species from the eastern Qinghai-Tibet Plateau. <i>Plant Species Biology</i> , 2017, 32, 263-269.	1.0	14
32	Phylogenetic conservatism and climate factors shape flowering phenology in alpine meadows. <i>Oecologia</i> , 2016, 182, 419-428.	2.0	20
33	Space resource utilisation: a novel indicator to quantify species competitive ability for light. <i>Scientific Reports</i> , 2015, 5, 16832.	3.3	8
34	Habitat-specific responses of leaf traits to soil water conditions in species from a novel alpine swamp meadow community. <i>Journal of Ecology</i> , 2015, 3, 404-416.		7
35	Resource availability differentially drives community assemblages of plants and their root-associated arbuscular mycorrhizal fungi. <i>Plant and Soil</i> , 2015, 386, 341-355.	3.7	53
36	Untangling interacting mechanisms of seed mass variation with elevation: insights from the comparison of inter-specific and intra-specific studies on eastern Tibetan angiosperm species. <i>Plant Ecology</i> , 2015, 216, 283-292.	1.6	13

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37	Plant species's origin predicts dominance and response to nutrient enrichment and herbivores in global grasslands. <i>Nature Communications</i> , 2015, 6, 7710.	12.8	143
38	Relative Importance of Deterministic and Stochastic Processes in Driving Arbuscular Mycorrhizal Fungal Assemblage during the Spreading of a Toxic Plant. <i>PLoS ONE</i> , 2014, 9, e95672.	2.5	9
39	The community-level effect of light on germination timing in relation to seed mass: a source of regeneration niche differentiation. <i>New Phytologist</i> , 2014, 204, 496-506.	7.3	55
40	Disentangling ecological, allometric and evolutionary determinants of the relationship between seed mass and elevation: insights from multiple analyses of 1355 angiosperm species on the eastern Tibetan Plateau. <i>Oikos</i> , 2014, 123, 23-32.	2.7	32
41	Higher Abundance of Ammonia Oxidizing Archaea than Ammonia Oxidizing Bacteria and Their Communities in Tibetan Alpine Meadow Soils under Long-term Nitrogen Fertilization. <i>Geomicrobiology Journal</i> , 2014, 31, 597-604.	2.0	13
42	Light-dependent associations of germination timing with subsequent life-history traits and maternal habitats for 476 angiosperm species of the eastern Tibetan Plateau grasslands. <i>Seed Science Research</i> , 2014, 24, 207-215.	1.7	10
43	Biological traits are correlated with elevational distribution range of eastern Tibetan herbaceous species. <i>Plant Ecology</i> , 2014, 215, 1187-1198.	1.6	10
44	Interactive influence of light intensity and soil fertility on root-associated arbuscular mycorrhizal fungi. <i>Plant and Soil</i> , 2014, 378, 173-188.	3.7	53
45	Herbivores and nutrients control grassland plant diversity via light limitation. <i>Nature</i> , 2014, 508, 517-520.	27.8	669
46	Effects of Water Level on Three Wetlands Soil Seed Banks on the Tibetan Plateau. <i>PLoS ONE</i> , 2014, 9, e101458.	2.5	9
47	Very fast-germinating seeds of desert species are cryptoviparous-like. <i>Seed Science Research</i> , 2013, 23, 163-167.	1.7	17
48	Direct and indirect influences of 8-yr of nitrogen and phosphorus fertilization on Glomeromycota in an alpine meadow ecosystem. <i>New Phytologist</i> , 2012, 194, 523-535.	7.3	282
49	Variation in seed germination of 86 subalpine forest species from the eastern Tibetan Plateau: phylogeny and life-history correlates. <i>Ecological Research</i> , 2012, 27, 453-465.	1.5	17
50	Impacts of altitude and position on the rates of soil nitrogen mineralization and nitrification in alpine meadows on the eastern Qinghai-Tibetan Plateau, China. <i>Biology and Fertility of Soils</i> , 2012, 48, 393-400.	4.3	68
51	Plasticity of reproductive traits responding to variation in light availability at the rosette stage of the first year in a strict biennial, <i>Pedicularis torta</i> , from a field on the Qinghai-Tibet Plateau, China. <i>Plant Species Biology</i> , 2011, 26, 105-110.	1.0	2
52	Relationships between Flowering Phenology and Functional Traits in Eastern Tibet Alpine Meadow. <i>Arctic, Antarctic, and Alpine Research</i> , 2011, 43, 585-592.	1.1	37
53	Resource availability, species composition and sown density effects on productivity of experimental plant communities. <i>Plant and Soil</i> , 2011, 344, 177-186.	3.7	13
54	The effects of long-term fertilization on the temporal stability of alpine meadow communities. <i>Plant and Soil</i> , 2011, 345, 315-324.	3.7	75

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55	Soil seed bank dynamics in alpine wetland succession on the Tibetan Plateau. <i>Plant and Soil</i> , 2011, 346, 19-28.	3.7	52
56	Root-shoot competition interactions cause diversity loss after fertilization: a field experiment in an alpine meadow on the Tibetan Plateau. <i>Journal of Plant Ecology</i> , 2011, 4, 138-146.	2.3	48
57	Trade-offs between flowering time, plant height, and seed size within and across 11 communities of a QingHai-Tibetan flora. <i>Plant Ecology</i> , 2010, 209, 321-333.	1.6	41
58	Linking grazing response of species abundance to functional traits in the Tibetan alpine meadow. <i>Plant and Soil</i> , 2010, 330, 215-223.	3.7	68
59	Seasonal dynamics in alpine meadow seed banks along an altitudinal gradient on the Tibetan Plateau. <i>Plant and Soil</i> , 2010, 336, 291-302.	3.7	53
60	Geographic variation in seed mass within and among nine species of <i>Pedicularis</i> (Orobanchaceae): effects of elevation, plant size and seed number per fruit. <i>Journal of Ecology</i> , 2010, 98, 1232-1242.	4.0	79
61	The allometry of reproductive biomass in response to land use in Tibetan alpine grasslands. <i>Functional Ecology</i> , 2009, 23, 274-283.	3.6	67
62	Role of the Soil Seed Bank during Succession in a Subalpine Meadow on the Tibetan Plateau. <i>Arctic, Antarctic, and Alpine Research</i> , 2009, 41, 469-477.	1.1	23
63	The Evolutionary Significance of Seed Germinability in an Alpine Meadow on The Eastern Qinghai-Tibet Plateau. <i>Arctic, Antarctic, and Alpine Research</i> , 2009, 41, 97-102.	1.1	17
64	The Evolutionary Significance of Seed Germinability in an Alpine Meadow on The Eastern Qinghai-Tibet Plateau. <i>Arctic, Antarctic, and Alpine Research</i> , 2009, 41, 97-102.	1.1	0
65	Community-wide germination strategies in an alpine meadow on the eastern Qinghai-Tibet plateau: phylogenetic and life-history correlates. <i>Plant Ecology</i> , 2008, 195, 87-98.	1.6	71
66	Seed germinating characteristics of 54 gramineous species in the alpine meadow on the eastern Qinghai-Tibet plateau. <i>Frontiers of Biology in China: Selected Publications From Chinese Universities</i> , 2008, 3, 187-193.	0.2	3
67	Effects of clipping on diversity and above-ground biomass associated with soil fertility on an alpine meadow in the eastern region of the Qinghai-Tibetan Plateau. <i>New Zealand Journal of Agricultural Research</i> , 2007, 50, 361-368.	1.6	10
68	Seed mass and germination in an alpine meadow on the eastern Qinghai-Tibet plateau. <i>Plant Ecology</i> , 2007, 191, 127-149.	1.6	97
69	Variations of flower size and reproductive traits in self-incompatible <i>Trollius ranunculoides</i> (Ranunculaceae) among local habitats at Alpine Meadow. <i>Plant Ecology</i> , 2007, 193, 241-251.	1.6	7