

Yuxin Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

516
citations

840585

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h-index

677027

22
g-index

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all docs

30
docs citations

30
times ranked

892
citing authors

#	ARTICLE	IF	CITATIONS
1	The spatial characteristics and pollution levels of metals in urban street dust of Beijing, China. <i>Applied Geochemistry</i> , 2013, 35, 88-98.	1.4	137
2	Latitudinal variation in herbivory: hemispheric asymmetries and the role of climatic drivers. <i>Journal of Ecology</i> , 2016, 104, 1089-1095.	1.9	70
3	The ecological effects of the ant-aphid mutualism: A meta-analysis. <i>Basic and Applied Ecology</i> , 2012, 13, 116-124.	1.2	44
4	Do generalized scaling laws exist for species abundance distribution in mountains?. <i>Oikos</i> , 2006, 115, 81-88.	1.2	31
5	Contrasting elevational diversity patterns for soil bacteria between two ecosystems divided by the treeline. <i>Science China Life Sciences</i> , 2016, 59, 1177-1186.	2.3	25
6	The association of leaf lifespan and background insect herbivory at the interspecific level. <i>Ecology</i> , 2017, 98, 425-432.	1.5	25
7	Multifractal analysis of land use pattern in space and time: A case study in the Loess Plateau of China. <i>Ecological Complexity</i> , 2010, 7, 487-493.	1.4	23
8	Leaf-trait relationships of <i>Quercus liaotungensis</i> along an altitudinal gradient in Dongling Mountain, Beijing. <i>Ecological Research</i> , 2009, 24, 1243-1250.	0.7	20
9	The equal effectiveness of different defensive strategies. <i>Scientific Reports</i> , 2015, 5, 13049.	1.6	12
10	Effects of plant coverage on shrub fertile islands in the Upper Minjiang River Valley. <i>Science China Life Sciences</i> , 2018, 61, 340-347.	2.3	12
11	Cd heavy metal and plants, rather than soil nutrient conditions, affect soil arbuscular mycorrhizal fungal diversity in green spaces during urbanization. <i>Science of the Total Environment</i> , 2020, 726, 138594.	3.9	12
12	Mutualism with aphids affects the trophic position, abundance of ants and herbivory along an elevational gradient. <i>Ecosphere</i> , 2015, 6, 1-11.	1.0	11
13	Distribution pattern of allergenic plants in the Beijing metropolitan region. <i>Aerobiologia</i> , 2013, 29, 217-231.	0.7	10
14	Evaluation of PM2.5 Retention Capacity and Structural Optimization of Urban Park Green Spaces in Beijing. <i>Forests</i> , 2022, 13, 415.	0.9	10
15	Biodiversity associations of soil fauna and plants depend on plant life form and are accounted for by rare taxa along an elevational gradient. <i>Soil Biology and Biochemistry</i> , 2020, 140, 107640.	4.2	8
16	Enhanced Coagulation-Flocculation Performance of Iron-Based Coagulants: Effects of PO4 ³⁻ and SiO ₃ ²⁻ Modifiers. <i>PLoS ONE</i> , 2015, 10, e0137116.	1.1	7
17	Mixed effects of ant-aphid mutualism on plants across different spatial scales. <i>Basic and Applied Ecology</i> , 2015, 16, 452-459.	1.2	7
18	Phylogenetic α - and β -diversity elevational gradients reveal consistent patterns of temperate forest community structure. <i>Acta Oecologica</i> , 2020, 109, 103657.	0.5	7

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19	Disruption of Ant-Aphid Mutualism in Canopy Enhances the Abundance of Beetles on the Forest Floor. PLoS ONE, 2012, 7, e35468.	1.1	7
20	Phylogenetic and Functional Traits Verify the Combined Effect of Deterministic and Stochastic Processes in the Community Assembly of Temperate Forests along an Elevational Gradient. Forests, 2021, 12, 591.	0.9	6
21	Different-sized oak trees are equally protected by the aphid-tending ants. Arthropod-Plant Interactions, 2012, 6, 307-314.	0.5	5
22	Woody Species Diversity in Forest Plantations in a Mountainous Region of Beijing, China: Effects of Sampling Scale and Species Selection. PLoS ONE, 2014, 9, e115038.	1.1	5
23	Environmental correlates underlying elevational richness, abundance, and biomass patterns of multi-feeding guilds in litter invertebrates across the treeline. Science of the Total Environment, 2018, 633, 529-538.	3.9	5
24	Quantification of non-power-law diversity scaling with local multifractal analysis. Ecological Informatics, 2018, 48, 48-59.	2.3	5
25	Multifractal pattern and process during a recent period of forest expansion in a temperate mountainous region of China. Ecological Informatics, 2011, 6, 384-390.	2.3	4
26	The Ecological Effects of Ant-Aphid Mutualism on Plants at a Large Spatial Scale. Sociobiology, 2013, 60, .	0.2	4
27	Impacts of Urbanization Undermine Nestedness of the Plant-Arbuscular Mycorrhizal Fungal Network. Frontiers in Microbiology, 2021, 12, 626671.	1.5	2
28	A re-evaluation of hemispheric asymmetries in herbivory: a response to Kozlov & Klemola 2017. Journal of Ecology, 2017, 105, 1575-1579.	1.9	1
29	Contrasting Patterns and Drivers of Soil Fungal Communities between Two Ecosystems Divided by the Treeline. Microorganisms, 2021, 9, 2280.	1.6	1
30	Altitudinal variation in ant-aphid mutualism in nitrogen transfer of oak (Quercus liaotungensis). Arthropod-Plant Interactions, 2017, 11, 641-647.	0.5	0