

# 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  
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docs citations

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times ranked

892  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | 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        |
| 2  | Impacts of Urbanization Undermine Nestedness of the Plant-â€‘Arbuscular Mycorrhizal Fungal Network. <i>Frontiers in Microbiology</i> , 2021, 12, 626671.   | 1.5 | 2         |
| 3  | Phylogenetic and Functional Traits Verify the Combined Effect of Deterministic and Stochastic Processes in the Community Assembly of Temperate Forests along an Elevational Gradient. <i>Forests</i> , 2021, 12, 591.        | 0.9 | 6         |
| 4  | Contrasting Patterns and Drivers of Soil Fungal Communities between Two Ecosystems Divided by the Treeline. <i>Microorganisms</i> , 2021, 9, 2280.   | 1.6 | 1         |
| 5  | 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         |
| 6  | Phylogenetic $\alpha$ - and $\beta$ -diversity elevational gradients reveal consistent patterns of temperate forest community structure. <i>Acta Oecologica</i> , 2020, 109, 103657.   | 0.5 | 7         |
| 7  | 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        |
| 8  | Environmental correlates underlying elevational richness, abundance, and biomass patterns of multi-feeding guilds in litter invertebrates across the treeline. <i>Science of the Total Environment</i> , 2018, 633, 529-538. | 3.9 | 5         |
| 9  | 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        |
| 10 | Quantification of non-power-law diversity scaling with local multifractal analysis. <i>Ecological Informatics</i> , 2018, 48, 48-59.   | 2.3 | 5         |
| 11 | Altitudinal variation in ant-â€‘aphid mutualism in nitrogen transfer of oak ( <i>Quercus liaotungensis</i> ). <i>Arthropod-Plant Interactions</i> , 2017, 11, 641-647.   | 0.5 | 0         |
| 12 | A re-evaluation of hemispheric asymmetries in herbivory: a response to Kozlov & Klemola 2017. <i>Journal of Ecology</i> , 2017, 105, 1575-1579.  | 1.9 | 1         |
| 13 | The association of leaf lifespan and background insect herbivory at the interspecific level. <i>Ecology</i> , 2017, 98, 425-432.   | 1.5 | 25        |
| 14 | Latitudinal variation in herbivory: hemispheric asymmetries and the role of climatic drivers. <i>Journal of Ecology</i> , 2016, 104, 1089-1095.  | 1.9 | 70        |
| 15 | 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        |
| 16 | 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        |
| 17 | The equal effectiveness of different defensive strategies. <i>Scientific Reports</i> , 2015, 5, 13049.   | 1.6 | 12        |
| 18 | Enhanced Coagulation-Flocculation Performance of Iron-Based Coagulants: Effects of PO43- and SiO32- Modifiers. <i>PLoS ONE</i> , 2015, 10, e0137116.   | 1.1 | 7         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | 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         |
| 20 | Woody Species Diversity in Forest Plantations in a Mountainous Region of Beijing, China: Effects of Sampling Scale and Species Selection. <i>PLoS ONE</i> , 2014, 9, e115038. | 1.1 | 5         |
| 21 | Distribution pattern of allergenic plants in the Beijing metropolitan region. <i>Aerobiologia</i> , 2013, 29, 217-231.  | 0.7 | 10        |
| 22 | 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       |
| 23 | The Ecological Effects of Ant-Aphid Mutualism on Plants at a Large Spatial Scale. <i>Sociobiology</i> , 2013, 60, .   | 0.2 | 4         |
| 24 | Different-sized oak trees are equally protected by the aphid-tending ants. <i>Arthropod-Plant Interactions</i> , 2012, 6, 307-314.  | 0.5 | 5         |
| 25 | The ecological effects of the ant-hemipteran mutualism: A meta-analysis. <i>Basic and Applied Ecology</i> , 2012, 13, 116-124.  | 1.2 | 44        |
| 26 | Disruption of Ant-Aphid Mutualism in Canopy Enhances the Abundance of Beetles on the Forest Floor. <i>PLoS ONE</i> , 2012, 7, e35468.   | 1.1 | 7         |
| 27 | Multifractal pattern and process during a recent period of forest expansion in a temperate mountainous region of China. <i>Ecological Informatics</i> , 2011, 6, 384-390.     | 2.3 | 4         |
| 28 | 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        |
| 29 | 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        |
| 30 | Do generalized scaling laws exist for species abundance distribution in mountains?. <i>Oikos</i> , 2006, 115, 81-88.  | 1.2 | 31        |