

# Xiao-tao Lu

## List of Publications by Citations

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|--------------------|-------------------------|----------------|----------------|
| 132<br>papers      | 2,984<br>citations      | 32<br>h-index  | 48<br>g-index  |
| 147<br>ext. papers | 3,977<br>ext. citations | 4.9<br>avg, IF | 5.3<br>L-index |

| #   | Paper  | IF   | Citations |
|-----|--|------|-----------|
| 132 | Aridity threshold in controlling ecosystem nitrogen cycling in arid and semi-arid grasslands. <i>Nature Communications</i> , <b>2014</b> , 5, 4799   | 17.4 | 162       |
| 131 | Nitrogen deposition weakens plant-microbe interactions in grassland ecosystems. <i>Global Change Biology</i> , <b>2013</b> , 19, 3688-97   | 11.4 | 157       |
| 130 | Convergent responses of nitrogen and phosphorus resorption to nitrogen inputs in a semiarid grassland. <i>Global Change Biology</i> , <b>2013</b> , 19, 2775-84  | 11.4 | 129       |
| 129 | Habitat-specific patterns and drivers of bacterial diversity in China's drylands. <i>ISME Journal</i> , <b>2017</b> , 11, 1345-1358  | 11.9 | 111       |
| 128 | Nitrogen and water availability interact to affect leaf stoichiometry in a semi-arid grassland. <i>Oecologia</i> , <b>2012</b> , 168, 301-10   | 2.9  | 90        |
| 127 | Rapid plant species loss at high rates and at low frequency of N addition in temperate steppe. <i>Global Change Biology</i> , <b>2014</b> , 20, 3520-9   | 11.4 | 88        |
| 126 | Nutrient resorption responses to water and nitrogen amendment in semi-arid grassland of Inner Mongolia, China. <i>Plant and Soil</i> , <b>2010</b> , 327, 481-491  | 4.2  | 85        |
| 125 | Nitrogen enrichment weakens ecosystem stability through decreased species asynchrony and population stability in a temperate grassland. <i>Global Change Biology</i> , <b>2016</b> , 22, 1445-55                                   | 11.4 | 80        |
| 124 | Plasticity in leaf and stem nutrient resorption proficiency potentially reinforces plant-soil feedbacks and microscale heterogeneity in a semi-arid grassland. <i>Journal of Ecology</i> , <b>2012</b> , 100, 144-150 <sup>6</sup> |      | 75        |
| 123 | Methane emissions from the trunks of living trees on upland soils. <i>New Phytologist</i> , <b>2016</b> , 211, 429-39  | 9.8  | 57        |
| 122 | Scale-dependent effects of climate and geographic distance on bacterial diversity patterns across northern China's grasslands. <i>FEMS Microbiology Ecology</i> , <b>2015</b> , 91,  | 4.3  | 56        |
| 121 | Nitrogen addition regulates soil nematode community composition through ammonium suppression. <i>PLoS ONE</i> , <b>2012</b> , 7, e43384  | 3.7  | 55        |
| 120 | Plant nitrogen uptake drives responses of productivity to nitrogen and water addition in a grassland. <i>Scientific Reports</i> , <b>2014</b> , 4, 4817  | 4.9  | 51        |
| 119 | Testing the growth rate hypothesis in vascular plants with above- and below-ground biomass. <i>PLoS ONE</i> , <b>2012</b> , 7, e32162  | 3.7  | 49        |
| 118 | Effects of long-term nitrogen deposition on fine root decomposition and its extracellular enzyme activities in temperate forests. <i>Soil Biology and Biochemistry</i> , <b>2016</b> , 93, 50-59                                   | 7.5  | 45        |
| 117 | Hierarchical responses of plant stoichiometry to nitrogen deposition and mowing in a temperate steppe. <i>Plant and Soil</i> , <b>2014</b> , 382, 175-187  | 4.2  | 44        |
| 116 | Nitrogen fertilization and fire act independently on foliar stoichiometry in a temperate steppe. <i>Plant and Soil</i> , <b>2010</b> , 334, 209-219  | 4.2  | 43        |

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|-----|---|-----|----|
| 115 | Plant nutrients do not covary with soil nutrients under changing climatic conditions. <i>Global Biogeochemical Cycles</i> , <b>2015</b> , 29, 1298-1308   | 5.9 | 42 |
| 114 | Phosphorus transformations along a large-scale climosequence in arid and semiarid grasslands of northern China. <i>Global Biogeochemical Cycles</i> , <b>2016</b> , 30, 1264-1275   | 5.9 | 40 |
| 113 | Patterns of plant biomass allocation in temperate grasslands across a 2500-km transect in northern China. <i>PLoS ONE</i> , <b>2013</b> , 8, e71749   | 3.7 | 39 |
| 112 | The effects of warming and nitrogen addition on soil nitrogen cycling in a temperate grassland, northeastern China. <i>PLoS ONE</i> , <b>2011</b> , 6, e27645   | 3.7 | 39 |
| 111 | Soil moisture and land use are major determinants of soil microbial community composition and biomass at a regional scale in northeastern China. <i>Biogeosciences</i> , <b>2015</b> , 12, 2585-2596                        | 4.6 | 38 |
| 110 | Ecosystem carbon storage and partitioning in a tropical seasonal forest in Southwestern China. <i>Forest Ecology and Management</i> , <b>2010</b> , 260, 1798-1803  | 3.9 | 38 |
| 109 | Changes in litter quality induced by N deposition alter soil microbial communities. <i>Soil Biology and Biochemistry</i> , <b>2019</b> , 130, 33-42   | 7.5 | 38 |
| 108 | Salt tolerance during seed germination and early seedling stages of 12 halophytes. <i>Plant and Soil</i> , <b>2015</b> , 388, 229-241   | 4.2 | 37 |
| 107 | Changes in specific leaf area of dominant plants in temperate grasslands along a 2500-km transect in northern China. <i>Scientific Reports</i> , <b>2017</b> , 7, 10780   | 4.9 | 37 |
| 106 | Productivity depends more on the rate than the frequency of N addition in a temperate grassland. <i>Scientific Reports</i> , <b>2015</b> , 5, 12558   | 4.9 | 34 |
| 105 | Contrasting responses in leaf nutrient-use strategies of two dominant grass species along a 30-yr temperate steppe grazing exclusion chronosequence. <i>Plant and Soil</i> , <b>2015</b> , 387, 69-79                       | 4.2 | 34 |
| 104 | Nutrient resorption helps drive intra-specific coupling of foliar nitrogen and phosphorus under nutrient-enriched conditions. <i>Plant and Soil</i> , <b>2016</b> , 398, 111-120  | 4.2 | 33 |
| 103 | Leaf nutrient dynamics and nutrient resorption: a comparison between larch plantations and adjacent secondary forests in Northeast China. <i>Journal of Plant Ecology</i> , <b>2016</b> , 9, 165-173                        | 1.7 | 33 |
| 102 | Effects of nitrogen deposition rates and frequencies on the abundance of soil nitrogen-related functional genes in temperate grassland of northern China. <i>Journal of Soils and Sediments</i> , <b>2015</b> , 15, 694-704 | 3.4 | 33 |
| 101 | Nutrient resorption response to fire and nitrogen addition in a semi-arid grassland. <i>Ecological Engineering</i> , <b>2011</b> , 37, 534-538  | 3.9 | 33 |
| 100 | Mowing mitigates the negative impacts of N addition on plant species diversity. <i>Oecologia</i> , <b>2019</b> , 189, 769-779   | 2.9 | 31 |
| 99  | Labile substrate availability controls temperature sensitivity of organic carbon decomposition at different soil depths. <i>Biogeochemistry</i> , <b>2015</b> , 126, 85-98  | 3.8 | 31 |
| 98  | Changes in nitrogen and phosphorus cycling suggest a transition to phosphorus limitation with the stand development of larch plantations. <i>Plant and Soil</i> , <b>2018</b> , 422, 385-396                                | 4.2 | 31 |

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|----|--|------|----|
| 97 | Increased precipitation induces a positive plant-soil feedback in a semi-arid grassland. <i>Plant and Soil</i> , <b>2015</b> , 389, 211-223  | 4.2  | 30 |
| 96 | The effect of grazing management on plant species richness on the Qinghai-Tibetan Plateau. <i>Grass and Forage Science</i> , <b>2011</b> , 66, 333-336   | 2.3  | 29 |
| 95 | Foliar nutrient resorption differs between arbuscular mycorrhizal and ectomycorrhizal trees at local and global scales. <i>Global Ecology and Biogeography</i> , <b>2018</b> , 27, 875-885                             | 6.1  | 27 |
| 94 | Carbon and nitrogen allocation shifts in plants and soils along aridity and fertility gradients in grasslands of China. <i>Ecology and Evolution</i> , <b>2017</b> , 7, 6927-6934                                      | 2.8  | 26 |
| 93 | Nitrogen deposition promotes phosphorus uptake of plants in a semi-arid temperate grassland. <i>Plant and Soil</i> , <b>2016</b> , 408, 475-484  | 4.2  | 25 |
| 92 | Carbon and nitrogen storage in plant and soil as related to nitrogen and water amendment in a temperate steppe of northern China. <i>Biology and Fertility of Soils</i> , <b>2011</b> , 47, 187-196                    | 6.1  | 25 |
| 91 | Decreased plant productivity resulting from plant group removal experiment constrains soil microbial functional diversity. <i>Global Change Biology</i> , <b>2017</b> , 23, 4318-4332                                  | 11.4 | 24 |
| 90 | Home-field advantages of litter decomposition increase with increasing N deposition rates: a litter and soil perspective. <i>Functional Ecology</i> , <b>2017</b> , 31, 1792-1801                                      | 5.6  | 23 |
| 89 | Recovery time of soil carbon pools of conversional Chinese fir plantations from broadleaved forests in subtropical regions, China. <i>Science of the Total Environment</i> , <b>2017</b> , 587-588, 296-304            | 10.2 | 23 |
| 88 | Stoichiometric response of dominant grasses to fire and mowing in a semi-arid grassland. <i>Journal of Arid Environments</i> , <b>2012</b> , 78, 154-160   | 2.5  | 23 |
| 87 | Responses of litter decomposition and nutrient release rate to water and nitrogen addition differed among three plant species dominated in a semi-arid grassland. <i>Plant and Soil</i> , <b>2017</b> , 418, 241-253   | 4.2  | 22 |
| 86 | Sand burial compensates for the negative effects of erosion on the dune-building shrub <i>Artemisia wudanica</i> . <i>Plant and Soil</i> , <b>2014</b> , 374, 263-273  | 4.2  | 22 |
| 85 | Does high pH give a reliable assessment of the effect of alkaline soil on seed germination? A case study with <i>Leymus chinensis</i> (Poaceae). <i>Plant and Soil</i> , <b>2015</b> , 394, 35-43                      | 4.2  | 21 |
| 84 | Large-Scale Distribution of Molecular Components in Chinese Grassland Soils: The Influence of Input and Decomposition Processes. <i>Journal of Geophysical Research G: Biogeosciences</i> , <b>2018</b> , 123, 239-255 | 3.7  | 21 |
| 83 | Influence of forest management regimes on forest dynamics in the upstream region of the Hun River in northeastern China. <i>PLoS ONE</i> , <b>2012</b> , 7, e39058   | 3.7  | 21 |
| 82 | A threshold reveals decoupled relationship of sulfur with carbon and nitrogen in soils across arid and semi-arid grasslands in northern China. <i>Biogeochemistry</i> , <b>2016</b> , 127, 141-153                     | 3.8  | 20 |
| 81 | Differences in below-ground bud bank density and composition along a climatic gradient in the temperate steppe of northern China. <i>Annals of Botany</i> , <b>2017</b> , 120, 755-764                                 | 4.1  | 19 |
| 80 | Thresholds in decoupled soil-plant elements under changing climatic conditions. <i>Plant and Soil</i> , <b>2016</b> , 409, 159-173   | 4.2  | 19 |

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| 79 | Carbon and nitrogen contents in particle size fractions of topsoil along a 3000 km aridity gradient in grasslands of northern China. <i>Biogeosciences</i> , <b>2016</b> , 13, 3635-3646   | 4.6  | 19 |
| 78 | Fewer new species colonize at low frequency N addition in a temperate grassland. <i>Functional Ecology</i> , <b>2016</b> , 30, 1247-1256   | 5.6  | 18 |
| 77 | Plant functional group removal alters root biomass and nutrient cycling in a typical steppe in Inner Mongolia, China. <i>Plant and Soil</i> , <b>2011</b> , 346, 133-144   | 4.2  | 18 |
| 76 | Variations in leaf carbon isotope composition along an arid and semi-arid grassland transect in northern China. <i>Journal of Plant Ecology</i> , <b>2016</b> , 9, 576-585   | 1.7  | 15 |
| 75 | Experimentally increased water and nitrogen affect root production and vertical allocation of an old-field grassland. <i>Plant and Soil</i> , <b>2017</b> , 412, 369-380   | 4.2  | 15 |
| 74 | Carbon Stocks across a Fifty Year Chronosequence of Rubber Plantations in Tropical China. <i>Forests</i> , <b>2017</b> , 8, 209  | 2.8  | 15 |
| 73 | Changes in soil C:N:P stoichiometry along an aridity gradient in drylands of northern China. <i>Geoderma</i> , <b>2020</b> , 361, 114087   | 6.7  | 15 |
| 72 | The relative contributions of intra- and inter-specific variation in driving community stoichiometric responses to nitrogen deposition and mowing in a grassland. <i>Science of the Total Environment</i> , <b>2019</b> , 666, 887-893 | 10.2 | 14 |
| 71 | Intraspecific variation drives community-level stoichiometric responses to nitrogen and water enrichment in a temperate steppe. <i>Plant and Soil</i> , <b>2018</b> , 423, 307-315   | 4.2  | 14 |
| 70 | The impacts of nitrogen deposition on community N:P stoichiometry do not depend on phosphorus availability in a temperate meadow steppe. <i>Environmental Pollution</i> , <b>2018</b> , 242, 82-89                                     | 9.3  | 14 |
| 69 | Higher capability of C3 than C4 plants to use nitrogen inferred from nitrogen stable isotopes along an aridity gradient. <i>Plant and Soil</i> , <b>2018</b> , 428, 93-103   | 4.2  | 13 |
| 68 | Testing nitrogen and water co-limitation of primary productivity in a temperate steppe. <i>Plant and Soil</i> , <b>2018</b> , 432, 119-127   | 4.2  | 13 |
| 67 | Effects of Exclosure Management on Elm ( <i>Ulmus Pumila</i> ) Recruitment in Horqin Sandy Land, Northeastern China. <i>Arid Land Research and Management</i> , <b>2014</b> , 28, 109-117  | 1.8  | 13 |
| 66 | Increasing rates of long-term nitrogen deposition consistently increased litter decomposition in a semi-arid grassland. <i>New Phytologist</i> , <b>2021</b> , 229, 296-307  | 9.8  | 13 |
| 65 | Species richness mediates within-species nutrient resorption: Implications for the biodiversity-productivity relationship. <i>Journal of Ecology</i> , <b>2019</b> , 107, 2346-2352  | 6    | 12 |
| 64 | Facilitation by leguminous shrubs increases along a precipitation gradient. <i>Functional Ecology</i> , <b>2018</b> , 32, 203-213  | 5.6  | 12 |
| 63 | Impacts of leguminous shrub encroachment on neighboring grasses include transfer of fixed nitrogen. <i>Oecologia</i> , <b>2016</b> , 180, 1213-22  | 2.9  | 12 |
| 62 | Changes of plant N:P stoichiometry across a 3000-km aridity transect in grasslands of northern China. <i>Plant and Soil</i> , <b>2019</b> , 443, 107-119   | 4.2  | 12 |

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| 61 | Responses of nutrient concentrations and stoichiometry of senesced leaves in dominant plants to nitrogen addition and prescribed burning in a temperate steppe. <i>Ecological Engineering</i> , <b>2014</b> , 70, 154-161      | 3.9 | 12 |
| 60 | Extreme rainfall events can alter inter-annual biomass responses to water and N enrichment. <i>Biogeosciences</i> , <b>2013</b> , 10, 8129-8138  | 4.6 | 12 |
| 59 | Distribution of lignin phenols in comparison with plant-derived lipids in the alpine versus temperate grassland soils. <i>Plant and Soil</i> , <b>2019</b> , 439, 325-338  | 4.2 | 11 |
| 58 | Structural and chemical differences between shoot- and root-derived roots of three perennial grasses in a typical steppe in Inner Mongolia China. <i>Plant and Soil</i> , <b>2010</b> , 336, 209-217                           | 4.2 | 10 |
| 57 | Long-term mowing did not alter the impacts of nitrogen deposition on litter quality in a temperate steppe. <i>Ecological Engineering</i> , <b>2017</b> , 102, 404-410  | 3.9 | 9  |
| 56 | Coarse woody decay rates vary by physical position in tropical seasonal rainforests of SW China. <i>Forest Ecology and Management</i> , <b>2017</b> , 385, 206-213   | 3.9 | 9  |
| 55 | Opposite effects of nitrogen fertilization and plastic film mulching on crop N and P stoichiometry in a temperate agroecosystem. <i>Journal of Plant Ecology</i> , <b>2019</b> , 12, 682-692                                   | 1.7 | 9  |
| 54 | Coupling and Decoupling of Soil Carbon and Nutrient Cycles Across an Aridity Gradient in the Drylands of Northern China: Evidence From Ecoenzymatic Stoichiometry. <i>Global Biogeochemical Cycles</i> , <b>2019</b> , 33, 559 | 5.9 | 9  |
| 53 | Effects of the frequency and the rate of N enrichment on community structure in a temperate grassland. <i>Journal of Plant Ecology</i> , <b>2018</b> , 11, 685-695   | 1.7 | 9  |
| 52 | Response of carbon dioxide emissions to sheep grazing and N application in an alpine grassland □ Part 1: Effect of sheep grazing. <i>Biogeosciences</i> , <b>2014</b> , 11, 1743-1750  | 4.6 | 9  |
| 51 | Structure and composition of the understory treelets in a non-dipterocarp forest of tropical Asia. <i>Forest Ecology and Management</i> , <b>2010</b> , 260, 565-572   | 3.9 | 9  |
| 50 | Plant-Bacteria-Soil response to frequency of simulated nitrogen deposition has implications for global ecosystem change. <i>Functional Ecology</i> , <b>2020</b> , 34, 723-734   | 5.6 | 9  |
| 49 | Diversity and aboveground biomass of lianas in the tropical seasonal rain forests of Xishuangbanna, SW China. <i>Revista De Biologia Tropical</i> , <b>2009</b> , 57, 211-22   | 1.3 | 9  |
| 48 | Temporal variability of foliar nutrients: responses to nitrogen deposition and prescribed fire in a temperate steppe. <i>Biogeochemistry</i> , <b>2017</b> , 133, 295-305  | 3.8 | 8  |
| 47 | Distribution and Preservation of Root- and Shoot-Derived Carbon Components in Soils Across the Chinese-Mongolian Grasslands. <i>Journal of Geophysical Research G: Biogeosciences</i> , <b>2019</b> , 124, 420-431             | 3.7 | 8  |
| 46 | Divergent composition and turnover of soil organic nitrogen along a climate gradient in arid and semiarid grasslands. <i>Geoderma</i> , <b>2018</b> , 327, 36-44   | 6.7 | 8  |
| 45 | Quantifying the indirect effects of nitrogen deposition on grassland litter chemical traits. <i>Biogeochemistry</i> , <b>2018</b> , 139, 261-273   | 3.8 | 8  |
| 44 | Aridity thresholds of soil microbial metabolic indices along a 3,200 km transect across arid and semi-arid regions in Northern China. <i>PeerJ</i> , <b>2019</b> , 7, e6712  | 3.1 | 8  |

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| 43 | The impacts of nutrient addition and livestock exclosure on the soil nematode community in a degraded grassland. <i>Land Degradation and Development</i> , <b>2019</b> , 30, 1574-1583   | 4.4  | 7 |
| 42 | The retention dynamics of N input within the soil-microbe-plant system in a temperate grassland. <i>Geoderma</i> , <b>2020</b> , 368, 114290   | 6.7  | 7 |
| 41 | Nitrogen Enrichment Reduces Nitrogen and Phosphorus Resorption Through Changes to Species Resorption and Plant Community Composition. <i>Ecosystems</i> , <b>2021</b> , 24, 602-612  | 3.9  | 7 |
| 40 | Effects of water and nitrogen addition on ecosystem respiration across three types of steppe: The role of plant and microbial biomass. <i>Science of the Total Environment</i> , <b>2018</b> , 619-620, 103-111  | 10.2 | 7 |
| 39 | Coexistence of multiple leaf nutrient resorption strategies in a single ecosystem. <i>Science of the Total Environment</i> , <b>2021</b> , 772, 144951   | 10.2 | 6 |
| 38 | Consistent responses of litter stoichiometry to N addition across different biological organization levels in a semi-arid grassland. <i>Plant and Soil</i> , <b>2017</b> , 421, 191-202  | 4.2  | 5 |
| 37 | Soil nematode community composition and stability under different nitrogen additions in a semiarid grassland. <i>Global Ecology and Conservation</i> , <b>2020</b> , 22, e00965  | 2.8  | 5 |
| 36 | Divergent responses to water and nitrogen addition of three perennial bunchgrass species from variously degraded typical steppe in Inner Mongolia. <i>Science of the Total Environment</i> , <b>2019</b> , 647, 1344-1350                                    | 10.2 | 5 |
| 35 | Interactive effects of soil nitrogen and water availability on leaf mass loss in a temperate steppe. <i>Plant and Soil</i> , <b>2010</b> , 331, 497-504  | 4.2  | 5 |
| 34 | Vertical variations in plant- and microbial-derived carbon components in grassland soils. <i>Plant and Soil</i> , <b>2020</b> , 446, 441-455   | 4.2  | 5 |
| 33 | Legacy effects of nitrogen deposition on plant nutrient stoichiometry in a temperate grassland. <i>Plant and Soil</i> , <b>2020</b> , 446, 503-513   | 4.2  | 5 |
| 32 | Effects of artificial nitrogen addition and reduction in precipitation on soil CO <sub>2</sub> and CH <sub>4</sub> effluxes and composition of the microbial biomass in a temperate forest. <i>European Journal of Soil Science</i> , <b>2019</b> , 70, 1197 | 3.4  | 4 |
| 31 | Scaling responses of leaf nutrient stoichiometry to the lakeshore flooding duration gradient across different organizational levels. <i>Science of the Total Environment</i> , <b>2020</b> , 740, 139740   | 10.2 | 4 |
| 30 | Regenerative Role of Soil Seed Banks of Different Successional Stages in A Saline-alkaline Grassland in Northeast China. <i>Chinese Geographical Science</i> , <b>2018</b> , 28, 694-706   | 2.9  | 4 |
| 29 | Global resorption efficiencies of trace elements in leaves of terrestrial plants. <i>Functional Ecology</i> , <b>2021</b> , 35, 1596-1602  | 5.6  | 4 |
| 28 | Simulated nitrogen deposition decreases soil microbial diversity in a semiarid grassland, with little mediation of this effect by mowing. <i>Pedobiologia</i> , <b>2020</b> , 80, 150644   | 1.7  | 3 |
| 27 | Response of carbon dioxide emissions to sheep grazing and N application in an alpine grassland □ Part 2: Effect of N application. <i>Biogeosciences</i> , <b>2014</b> , 11, 1751-1757  | 4.6  | 3 |
| 26 | Decoupled responses of above- and below-ground stability of productivity to nitrogen addition at the local and larger spatial scale.. <i>Global Change Biology</i> , <b>2022</b> ,   | 11.4 | 3 |



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| 25 | Environmental and spatial variables determine the taxonomic but not functional structure patterns of microbial communities in alpine grasslands. <i>Science of the Total Environment</i> , <b>2019</b> , 654, 960-968         | 10.2 | 3 |
| 24 | Carbon limitation overrides acidification in mediating soil microbial activity to nitrogen enrichment in a temperate grassland. <i>Global Change Biology</i> , <b>2021</b> , 27, 5976-5988                                    | 11.4 | 3 |
| 23 | Changes of plant community composition instead of soil nutrient status drive the legacy effects of historical nitrogen deposition on plant community N:P stoichiometry. <i>Plant and Soil</i> , <b>2020</b> , 453, 503-513    | 4.2  | 2 |
| 22 | Should we respect the historical reference as basis for the objective of forest restoration? A case study from Northeastern China. <i>New Forests</i> , <b>2014</b> , 45, 671-686   | 2.6  | 2 |
| 21 | Effects of nitrogen addition and fire on plant nitrogen use in a temperate steppe. <i>PLoS ONE</i> , <b>2014</b> , 9, e90057  | 3.7  | 2 |
| 20 | Diversity and composition of understory vegetation in the tropical seasonal rain forest of Xishuangbanna, SW China. <i>Revista De Biologia Tropical</i> , <b>2011</b> , 59,   | 1.3  | 2 |
| 19 | Inter-annual precipitation fluctuations alter the responses of above- and belowground biomass to water and N enrichment   |      | 2 |
| 18 | Temporal Effects of Thinning on the Leaf C:N:P Stoichiometry of Regenerated Broadleaved Trees in Larch Plantations. <i>Forests</i> , <b>2020</b> , 11, 54   | 2.8  | 2 |
| 17 | Spatial patterns and ecological drivers of soil nematode diversity in natural grasslands vary among vegetation types and trophic position. <i>Journal of Animal Ecology</i> , <b>2021</b> , 90, 1367-1378                     | 4.7  | 2 |
| 16 | Nitrogen addition reduced carbon mineralization of aggregates in forest soils but enhanced in paddy soils in South China. <i>Ecological Processes</i> , <b>2021</b> , 10,   | 3.6  | 2 |
| 15 | Effects of nitrogen addition on plant-soil micronutrients vary with nitrogen form and mowing management in a meadow steppe. <i>Environmental Pollution</i> , <b>2021</b> , 289, 117969  | 9.3  | 2 |
| 14 | Nitrogen enrichment buffers phosphorus limitation by mobilizing mineral-bound soil phosphorus in grasslands.. <i>Ecology</i> , <b>2021</b> , e3616  | 4.6  | 1 |
| 13 | Belowground bud bank and its relationship with aboveground vegetation under watering and nitrogen addition in temperate semiarid steppe. <i>Ecological Indicators</i> , <b>2021</b> , 125, 107520                             | 5.8  | 1 |
| 12 | Changes of community composition strengthen the positive effects of nitrogen deposition on litter N:P stoichiometry in a semi-arid grassland. <i>Plant and Soil</i> , <b>2020</b> , 1   | 4.2  | 1 |
| 11 | Mixing effects of litter decomposition at plant organ and species levels in a temperate grassland. <i>Plant and Soil</i> , <b>2021</b> , 459, 387-396   | 4.2  | 1 |
| 10 | Nitrogen and phosphorus additions interactively affected composition and carbon budget of soil nematode community in a temperate steppe. <i>Plant and Soil</i> , 1  | 4.2  | 1 |
| 9  | Environmental filtering rather than phylogeny determines plant leaf size in three floristically distinctive plateaus. <i>Ecological Indicators</i> , <b>2021</b> , 130, 108049  | 5.8  | 1 |
| 8  | Increases in substrate availability and decreases in soil pH drive the positive effects of nitrogen addition on soil net nitrogen mineralization in a temperate meadow steppe. <i>Pedobiologia</i> , <b>2021</b> , 89, 150736 | 1.7  | 1 |



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|---|---|-----|---|
| 7 | Small Roots of <i>Parashorea chinensis</i> Wang Hsie Decompose Slower than Twigs. <i>Forests</i> , <b>2019</b> , 10, 301  | 2.8 | ○ |
| 6 | Immediate responses of soil nematode community to addition of multiple nutrients in a degraded grassland. <i>Plant and Soil</i> , <b>2020</b> , 1   | 4.2 | ○ |
| 5 | Effects of plant intraspecific variation on the prediction of C3/C4 vegetation ratio from carbon isotope composition of topsoil organic matter across grasslands. <i>Journal of Plant Ecology</i> , <b>2021</b> , 14, 628-637 | 1.7 | ○ |
| 4 | Annual mowing mitigates the negative legacy effects of N enrichment on grassland nutrient use efficiency. <i>Journal of Plant Ecology</i> , <b>2021</b> , 14, 959-969   | 1.7 | ○ |
| 3 | Frequency and intensity of nitrogen addition alter soil inorganic sulfur fractions, but the effects vary with mowing management in a temperate steppe. <i>Biogeosciences</i> , <b>2019</b> , 16, 2891-2904                    | 4.6 | ○ |
| 2 | Nutrient resorption and coupling relationships in two plant species with sulfur addition: A two-year study in a meadow. <i>Plant and Soil</i> , 1   | 4.2 | ○ |
| 1 | Impacts of Nitrogen Deposition on China's Grassland Ecosystems <b>2020</b> , 215-243  |     |   |