Xingguo Han

List of Publications by Year
in descending order

300 papers	18,880 citations	11675 70 h-index	18533 120 g-index
310 all docs	310 docs citations	310 times ranked	16960 citing authors

#	Article	IF	Citations
1	Labile carbon inputs offset nitrogen-induced soil aggregate destabilization via enhanced growth of saprophytic fungi in a meadow steppe. Geoderma, 2024, 443, 116841.	5.2	0
2	Global pattern of organic carbon pools in forest soils. Global Change Biology, 2024, 30, .	9.7	0
3	Changes in productivity partitioning induced by precipitation extremes increase inaccuracy of grassland carbon estimation. Global Change Biology, 2024, 30, .	9.7	1
4	CARTAR: a comprehensive web tool for identifying potential targets in chimeric antigen receptor therapies using TCGA and GTEx data. Briefings in Bioinformatics, 2024, 25, .	6.6	0
5	Mowing increased plant diversity but not soil microbial biomass under N-enriched environment in a temperate grassland. Plant and Soil, 2023, 491, 205-217.	3.7	8
6	5300â€¥earâ€old soil carbon is less primed than young soil organic matter. Global Change Biology, 2023, 29, 260-275.	9.7	16
7	Identifying thresholds of nitrogen enrichment for substantial shifts in arbuscular mycorrhizal fungal community metrics in a temperate grassland of northern China. New Phytologist, 2023, 237, 279-294.	7.8	28
8	Responses of a semiarid grassland to recurrent drought are linked to community functional composition. Ecology, 2023, 104, .	3.5	21
9	Interspecific and intraspecific trait variability differentially affect communityâ€weighted trait responses to and recovery from longâ€term drought. Functional Ecology, 2023, 37, 504-512.	3.6	4
10	Responses of bud banks and shoot density to experimental drought along an aridity gradient in temperate grasslands. Functional Ecology, 2023, 37, 1211-1220.	3.6	6
11	Compensatory dynamics drive grassland recovery from drought. Journal of Ecology, 2023, 111, 1281-1291.	4.1	8
12	Nonâ€linear response of productivity to precipitation extremes in the Inner Mongolia grassland. Functional Ecology, 2023, 37, 1663-1673.	3.6	9
13	The two sides of resistanceâ€“resilience relationship in both aboveground and belowground communities in the Eurasian steppe. New Phytologist, 2023, 239, 350-363.	7.8	4
14	Different nitrogen saturation thresholds for aboveâ€, belowâ€, and total net primary productivity in a temperate steppe. Global Change Biology, 2023, 29, 4586-4594.	9.7	18
15	High belowâ€ground bud abundance increases ecosystem recovery from drought across arid and semiarid grasslands. Journal of Ecology, 2023, 111, 2038-2048.	4.1	2
16	Resistance of steppe communities to extreme drought in northeast China. Plant and Soil, 2022, 473, 181-194.	3.7	18
17	Disturbance-level-dependent post-disturbance succession in a Eurasian steppe. Science China Life Sciences, 2022, 65, 142-150.	5.0	5
18	Community response of arbuscular mycorrhizal fungi to extreme drought in a coldâ€temperate grassland. New Phytologist, 2022, 234, 2003-2017.	7.8	43

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19	Chronic and intense droughts differentially influence grassland carbon-nutrient dynamics along a natural aridity gradient. Plant and Soil, 2022, 473, 137-148.	3.7	13
20	Biodiversityâ€“productivity relationships in a natural grassland community vary under diversity loss scenarios. Journal of Ecology, 2022, 110, 210-220.	4.1	11
21	Biogeography of soil protistan consumer and parasite is contrasting and linked to microbial nutrient mineralization in forest soils at a wide-scale. Soil Biology and Biochemistry, 2022, 165, 108513.	9.0	12
22	Energy balance and partitioning over grasslands on the Mongolian Plateau. Ecological Indicators, 2022, 135, 108560.	6.4	16
23	Differential responses of grassland community nonstructural carbohydrate to experimental drought along a natural aridity gradient. Science of the Total Environment, 2022, 822, 153589.	8.2	14
24	Distinctive pattern and mechanism of precipitation changes affecting soil microbial assemblages in the Eurasian steppe. IScience, 2022, 25, 103893.	4.1	5
25	Nitrogen enrichment buffers phosphorus limitation by mobilizing mineralâ€bound soil phosphorus in grasslands. Ecology, 2022, 103, e3616.	3.5	50
26	Greater soil microbial biomass loss at low frequency of N addition in an Inner Mongolia grassland. Journal of Plant Ecology, 2022, 15, 721-732.	2.4	5
27	Retention of deposited ammonium and nitrate and its impact on the global forest carbon sink. Nature Communications, 2022, 13, 880.	13.2	64
28	Intensity and Duration of Nitrogen Addition Jointly Alter Soil Nutrient Availability in a Temperate Grassland. Journal of Geophysical Research G: Biogeosciences, 2022, 127, .	3.0	9
29	Redox Zone and Trophic State as Drivers of Methane-Oxidizing Bacterial Abundance and Community Structure in Lake Sediments. Frontiers in Environmental Science, 2022, 10, .	3.3	8
30	Redox Imbalance in Chronic Inflammatory Diseases. BioMed Research International, 2022, 2022, 1-3.	2.0	1
31	Low carbon availability in paleosols nonlinearly attenuates temperature sensitivity of soil organic matter decomposition. Global Change Biology, 2022, 28, 4180-4193.	9.7	14
32	Contrasting community responses of root and soil dwelling fungi to extreme drought in a temperate grassland. Soil Biology and Biochemistry, 2022, 169, 108670.	9.0	15
33	Intraâ€annual species gain overrides species loss in determining species richness in a typical steppe ecosystem after a decade of nitrogen enrichment. Journal of Ecology, 2022, 110, 1942-1956.	4.1	7
34	Long-term preservation of biomolecules in lake sediments: potential importance of physical shielding by recalcitrant cell walls. PNAS Nexus, 2022, 1, .	2.6	5
35	Conserved responses of nutrient resorption to extreme drought in a grassland: The role of community compositional changes. Functional Ecology, 2022, 36, 2616-2625.	3.6	5
36	Plant genome size modulates grassland community responses to multiâ€nutrient additions. New Phytologist, 2022, 236, 2091-2102.	7.8	17

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37	Increasing rates of longâ€term nitrogen deposition consistently increased litter decomposition in a semiâ€arid grassland. New Phytologist, 2021, 229, 296-307.	7.8	63
38	Sensitivity of soil nitrifying and denitrifying microorganisms to nitrogen deposition on the Qinghaiâ€“Tibetan plateau. Annals of Microbiology, 2021, 71, .	2.7	11
39	Leaf Multi-Element Network Reveals the Change of Species Dominance Under Nitrogen Deposition. Frontiers in Plant Science, 2021, 12, 580340.	3.8	3
40	Species asynchrony stabilises productivity under extreme drought across Northern China grasslands. Journal of Ecology, 2021, 109, 1665-1675.	4.1	48
41	Effects of plant intraspecific variation on the prediction of C3/C4 vegetation ratio from carbon isotope composition of topsoil organic matter across grasslands. Journal of Plant Ecology, 2021, 14, 628-637.	2.4	6
42	Spatial patterns and ecological drivers of soil nematode Î²â€diversity in natural grasslands vary among vegetation types and trophic position. Journal of Animal Ecology, 2021, 90, 1367-1378.	2.9	10
43	Beneficial effects of nitrogen deposition on carbon and nitrogen accumulation in grasses over other species in Inner Mongolian grasslands. Global Ecology and Conservation, 2021, 26, e01507.	2.2	3
44	Financial inclusion may limit sustainable development under economic globalization and climate change. Environmental Research Letters, 2021, 16, 054049.	5.3	16
45	Major advances in plant ecology research in China (2020). Journal of Plant Ecology, 2021, 14, 995-1001.	2.4	1
46	Slow recovery of soil methane oxidation potential after cessation of N addition in a typical steppe. Pedobiologia, 2021, 85-86, 150709.	1.2	0
47	Soil moisture, temperature and nitrogen availability interactively regulate carbon exchange in a meadow steppe ecosystem. Agricultural and Forest Meteorology, 2021, 304-305, 108389.	4.8	10
48	Carbon limitation overrides acidification in mediating soil microbial activity to nitrogen enrichment in a temperate grassland. Global Change Biology, 2021, 27, 5976-5988.	9.7	71
49	Plant traits and soil fertility mediate productivity losses under extreme drought in C₃ grasslands. Ecology, 2021, 102, e03465.	3.5	40
50	Soil microbial community responses to long-term nitrogen addition at different soil depths in a typical steppe. Applied Soil Ecology, 2021, 167, 104054.	4.4	34
51	Environmental filtering rather than phylogeny determines plant leaf size in three floristically distinctive plateaus. Ecological Indicators, 2021, 130, 108049.	6.4	13
52	Effects of nitrogen addition on plant-soil micronutrients vary with nitrogen form and mowing management in a meadow steppe. Environmental Pollution, 2021, 289, 117969.	7.7	20
53	Nitrogen enrichment affects the competition network of aboveground species on the Inner Mongolia steppe. Global Ecology and Conservation, 2021, 31, e01826.	2.2	1
54	Different deterministic versus stochastic drivers for the composition and structure of a temperate grassland community. Global Ecology and Conservation, 2021, 31, e01866.	2.2	2

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55	Plantâ€“bacteriaâ€“soil response to frequency of simulated nitrogen deposition has implications for global ecosystem change. Functional Ecology, 2020, 34, 723-734.	3.6	17
56	Nonlinear responses of soil nematode community composition to increasing aridity. Global Ecology and Biogeography, 2020, 29, 117-126.	5.9	41
57	Vertical variations in plant- and microbial-derived carbon components in grassland soils. Plant and Soil, 2020, 446, 441-455.	3.7	20
58	The FLUXNET2015 dataset and the ONEFlux processing pipeline for eddy covariance data. Scientific Data, 2020, 7, 225.	5.4	720
59	Population turnover promotes fungal stability in a semi-arid grassland under precipitation shifts. Journal of Plant Ecology, 2020, 13, 499-509.	2.4	8
60	Species responses to changing precipitation depend on trait plasticity rather than trait means and intraspecific variation. Functional Ecology, 2020, 34, 2622-2633.	3.6	22
61	Plant Trait Networks: Improved Resolution of the Dimensionality of Adaptation. Trends in Ecology and Evolution, 2020, 35, 908-918.	8.8	131
62	Response of fine root decomposition to different forms of N deposition in a temperate grassland. Soil Biology and Biochemistry, 2020, 147, 107845.	9.0	32
63	Tussock and Savanna Ecosystems. Ecosystems of China, 2020, , 545-583.	0.0	0
64	Overview of Chinese Grassland Ecosystems. Ecosystems of China, 2020, , 23-47.	0.0	2
65	Marsh Grassland Ecosystem. Ecosystems of China, 2020, , 515-544.	0.0	0
66	Typical Steppe Ecosystem. Ecosystems of China, 2020, , 193-248.	0.0	3
67	Global change effects on plant communities are magnified by time and the number of global change factors imposed. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 17867-17873.	7.6	156
68	Plants alter their vertical root distribution rather than biomass allocation in response to changing precipitation. Ecology, 2019, 100, e02828.	3.5	93
69	Long term experimental drought alters community plant trait variation, not trait means, across three semiarid grasslands. Plant and Soil, 2019, 442, 343-353.	3.7	31
70	Distinct Drivers of Core and Accessory Components of Soil Microbial Community Functional Diversity under Environmental Changes. MSystems, 2019, 4, .	4.1	29
71	Asymmetry in aboveâ€•and belowground productivity responses to N addition in a semiâ€arid temperate steppe. Global Change Biology, 2019, 25, 2958-2969.	9.7	71
72	Sediment addition and legume cultivation result in sustainable, longâ€term increases in ecosystem functions of sandy grasslands. Land Degradation and Development, 2019, 30, 1667-1676.	3.9	5

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73	Distribution of lignin phenols in comparison with plant-derived lipids in the alpine versus temperate grassland soils. Plant and Soil, 2019, 439, 325-338.	3.7	23
74	Changing precipitation exerts greater influence on soil heterotrophic than autotrophic respiration in a semiarid steppe. Agricultural and Forest Meteorology, 2019, 271, 413-421.	4.8	60
75	Distribution and Preservation of Rootâ€•and Shootâ€Derived Carbon Components in Soils Across the Chineseâ€Mongolian Grasslands. Journal of Geophysical Research G: Biogeosciences, 2019, 124, 420-431.	3.0	18
76	Frequency and intensity of nitrogen addition alter soil inorganic sulfur fractions, but the effects vary with mowing management in a temperate steppe. Biogeosciences, 2019, 16, 2891-2904.	3.4	8
77	Changes in litter quality induced by N deposition alter soil microbial communities. Soil Biology and Biochemistry, 2019, 130, 33-42.	9.0	87
78	Environmental and spatial variables determine the taxonomic but not functional structure patterns of microbial communities in alpine grasslands. Science of the Total Environment, 2019, 654, 960-968.	8.2	13
79	Nitrogen addition does not reduce the role of spatial asynchrony in stabilising grassland communities. Ecology Letters, 2019, 22, 563-571.	6.7	86
80	Ecosystem Traits Linking Functional Traits to Macroecology. Trends in Ecology and Evolution, 2019, 34, 200-210.	8.8	162
81	Aridity thresholds of soil microbial metabolic indices along a 3,200 km transect across arid and semi-arid regions in Northern China. PeerJ, 2019, 7, e6712.	2.0	17
82	Plant functional diversity modulates global environmental change effects on grassland productivity. Journal of Ecology, 2018, 106, 1941-1951.	4.1	72
83	Foliar nutrient resorption differs between arbuscular mycorrhizal and ectomycorrhizal trees at local and global scales. Global Ecology and Biogeography, 2018, 27, 875-885.	5.9	60
84	Higher capability of C3 than C4 plants to use nitrogen inferred from nitrogen stable isotopes along an aridity gradient. Plant and Soil, 2018, 428, 93-103.	3.7	19
85	Dissolved methane in groundwater of domestic wells and its potential emissions in arid and semi-arid regions of Inner Mongolia, China. Science of the Total Environment, 2018, 626, 1193-1199.	8.2	9
86	Totally Endoscopic Aortic Valve Replacement (TEAVR). , 2018, , 275-284.		0
87	Higher precipitation strengthens the microbial interactions in semiâ€arid grassland soils. Global Ecology and Biogeography, 2018, 27, 570-580.	5.9	171
88	Chinaâ€™s new rural â€œseparating three property rightsâ€•land reform results in grassland degradation: Evidence from Inner Mongolia. Land Use Policy, 2018, 71, 170-182.	5.8	96
89	Mitigation of nitrous oxide emissions from acidic soils by Bacillus amyloliquefaciens, a plant growthâ€promoting bacterium. Global Change Biology, 2018, 24, 2352-2365.	9.7	53
90	Largeâ€Scale Distribution of Molecular Components in Chinese Grassland Soils: The Influence of Input and Decomposition Processes. Journal of Geophysical Research G: Biogeosciences, 2018, 123, 239-255.	3.0	31

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91	Topography and grazing effects on storage of soil organic carbon and nitrogen in the northern China grasslands. Ecological Indicators, 2018, 93, 45-53.	6.4	61
92	Effects of the frequency and the rate of N enrichment on community structure in a temperate grassland. Journal of Plant Ecology, 2018, 11, 685-695.	2.4	13
93	Facilitation by leguminous shrubs increases along a precipitation gradient. Functional Ecology, 2018, 32, 203-213.	3.6	24
94	Soil gross N ammonification and nitrification from tropical to temperate forests in eastern China. Functional Ecology, 2018, 32, 83-94.	3.6	43
95	Scale dependence of the diversityâ€“stability relationship in a temperate grassland. Journal of Ecology, 2018, 106, 1277-1285.	4.1	37
96	The carbon sequestration potential of China's grasslands. Ecosphere, 2018, 9, e02452.	2.2	26
97	Effect of intermediate disturbance on soil microbial functional diversity depends on the amount of effective resources. Environmental Microbiology, 2018, 20, 3862-3875.	3.9	27
98	Differential responses of canopy nutrients to experimental drought along a natural aridity gradient. Ecology, 2018, 99, 2230-2239.	3.5	63
99	The impacts of nitrogen deposition on community N:P stoichiometry do not depend on phosphorus availability in a temperate meadow steppe. Environmental Pollution, 2018, 242, 82-89.	7.7	21
100	Climate variability decreases species richness and community stability in a temperate grassland. Oecologia, 2018, 188, 183-192.	2.1	77
101	Effects of extreme drought on plant nutrient uptake and resorption in rhizomatous vs bunchgrass-dominated grasslands. Oecologia, 2018, 188, 633-643.	2.1	37
102	Intensity and frequency of nitrogen addition alter soil chemical properties depending on mowing management in a temperate steppe. Journal of Environmental Management, 2018, 224, 77-86.	7.9	29
103	Quantifying the indirect effects of nitrogen deposition on grassland litter chemical traits. Biogeochemistry, 2018, 139, 261-273.	3.7	16
104	Asymmetric sensitivity of ecosystem carbon and water processes in response to precipitation change in a semiâ€arid steppe. Functional Ecology, 2017, 31, 1301-1311.	3.6	89
105	Mowing exacerbates the loss of ecosystem stability under nitrogen enrichment in a temperate grassland. Functional Ecology, 2017, 31, 1637-1646.	3.6	77
106	Grassland species respond differently to altered precipitation amount and pattern. Environmental and Experimental Botany, 2017, 137, 166-176.	4.3	26
107	Long-term mowing did not alter the impacts of nitrogen deposition on litter quality in a temperate steppe. Ecological Engineering, 2017, 102, 404-410.	3.7	16
108	Homeâ€field advantages of litter decomposition increase with increasing N deposition rates: a litter and soil perspective. Functional Ecology, 2017, 31, 1792-1801.	3.6	41

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109	Habitat-specific patterns and drivers of bacterial Î²-diversity in Chinaâ€™s drylands. ISME Journal, 2017, 11, 1345-1358.	10.0	240
110	Temporal variability of foliar nutrients: responses to nitrogen deposition and prescribed fire in a temperate steppe. Biogeochemistry, 2017, 133, 295-305.	3.7	10
111	Differences in below-ground bud bank density and composition along a climatic gradient in the temperate steppe of northern China. Annals of Botany, 2017, 120, 755-764.	2.9	35
112	Decreased plant productivity resulting from plant group removal experiment constrains soil microbial functional diversity. Global Change Biology, 2017, 23, 4318-4332.	9.7	50
113	Depth profiles of soil carbon isotopes along a semi-arid grassland transect in northern China. Plant and Soil, 2017, 417, 43-52.	3.7	32
114	Exacerbated nitrogen limitation ends transient stimulation of grassland productivity by increased precipitation. Ecological Monographs, 2017, 87, 457-469.	5.4	96
115	Experimental warming reveals positive feedbacks to climate change in the Eurasian Steppe. ISME Journal, 2017, 11, 885-895.	10.0	52
116	Methane Production Explained Largely by Water Content in the Heartwood of Living Trees in Upland Forests. Journal of Geophysical Research G: Biogeosciences, 2017, 122, 2479-2489.	3.0	55
117	Consistent responses of litter stoichiometry to N addition across different biological organization levels in a semi-arid grassland. Plant and Soil, 2017, 421, 191-202.	3.7	9
118	Changes in specific leaf area of dominant plants in temperate grasslands along a 2500-km transect in northern China. Scientific Reports, 2017, 7, 10780.	3.4	58
119	Carbon and nitrogen allocation shifts in plants and soils along aridity and fertility gradients in grasslands of China. Ecology and Evolution, 2017, 7, 6927-6934.	1.9	47
120	Responses of soil microbial functional genes to global changes are indirectly influenced by aboveground plant biomass variation. Soil Biology and Biochemistry, 2017, 104, 18-29.	9.0	79
121	Experimentally increased water and nitrogen affect root production and vertical allocation of an old-field grassland. Plant and Soil, 2017, 412, 369-380.	3.7	36
122	Alteration of soil carbon and nitrogen pools and enzyme activities as affected by increased soil coarseness. Biogeosciences, 2017, 14, 2155-2166.	3.4	7
123	Abiotic versus biotic controls on soil nitrogen cycling in drylands along a 3200â€¯km transect. Biogeosciences, 2017, 14, 989-1001.	3.4	26
124	Effect of soil coarseness on soil base cations and available micronutrients in a semi-arid sandy grassland. Solid Earth, 2016, 7, 549-556.	2.9	15
125	Carbon and nitrogen contents in particleâ€“size fractions of topsoil along a 3000â€¯km aridity gradient in grasslands of northern China. Biogeosciences, 2016, 13, 3635-3646.	3.4	29
126	Methane emissions from the trunks of living trees on upland soils. New Phytologist, 2016, 211, 429-439.	7.8	83

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127	Nonlinear responses of ecosystem carbon fluxes and waterâ€use efficiency to nitrogen addition in Inner Mongolia grassland. Functional Ecology, 2016, 30, 490-499.	3.6	80
128	Effects of functional diversity loss on ecosystem functions are influenced by compensation. Ecology, 2016, 97, 2293-2302.	3.5	61
129	Nitrogen enrichment weakens ecosystem stability through decreased species asynchrony and population stability in a temperate grassland. Global Change Biology, 2016, 22, 1445-1455.	9.7	144
130	Effects of plant functional group loss on soil biota and net ecosystem exchange: a plant removal experiment in the Mongolian grassland. Journal of Ecology, 2016, 104, 734-743.	4.1	63
131	Mitigating methane emission from paddy soil with rice-straw biochar amendment under projected climate change. Scientific Reports, 2016, 6, 24731.	3.4	84
132	Environmental changes affect the assembly of soil bacterial community primarily by mediating stochastic processes. Global Change Biology, 2016, 22, 198-207.	9.7	92
133	Effects of mistletoe removal on growth, N and C reserves, and carbon and oxygen isotope composition in Scots pine hosts. Tree Physiology, 2016, 36, 562-575.	3.2	28
134	A threshold reveals decoupled relationship of sulfur with carbon and nitrogen in soils across arid and semi-arid grasslands in northern China. Biogeochemistry, 2016, 127, 141-153.	3.7	31
135	Effects of grazing and climate variability on grassland ecosystem functions in Inner Mongolia: Synthesis of a 6-year grazing experiment. Journal of Arid Environments, 2016, 135, 50-63.	2.5	61
136	Nitrogen deposition promotes phosphorus uptake of plants in a semi-arid temperate grassland. Plant and Soil, 2016, 408, 475-484.	3.7	44
137	Microbial versus non-microbial methane releases from fresh soils at different temperatures. Geoderma, 2016, 284, 178-184.	5.2	7
138	Arbuscular mycorrhizal fungi regulate soil respiration and its response to precipitation change in a semiarid steppe. Scientific Reports, 2016, 6, 19990.	3.4	41
139	Fewer new species colonize at low frequency N addition in a temperate grassland. Functional Ecology, 2016, 30, 1247-1256.	3.6	25
140	Thresholds in decoupled soil-plant elements under changing climatic conditions. Plant and Soil, 2016, 409, 159-173.	3.7	32
141	Variations in leaf carbon isotope composition along an arid and semi-arid grassland transect in northern China. Journal of Plant Ecology, 2016, 9, 576-585.	2.4	25
142	Stochastic processes play more important roles in driving the dynamics of rarer species. Journal of Plant Ecology, 2016, 9, 328-332.	2.4	24
143	Responses of Soil Bacterial Communities to Nitrogen Deposition and Precipitation Increment Are Closely Linked with Aboveground Community Variation. Microbial Ecology, 2016, 71, 974-989.	3.0	91
144	Impacts of leguminous shrub encroachment on neighboring grasses include transfer of fixed nitrogen. Oecologia, 2016, 180, 1213-1222.	2.1	17

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145	Evident elevation of atmospheric monoterpenes due to degradation-induced species changes in a semi-arid grassland. Science of the Total Environment, 2016, 541, 1499-1503.	8.2	3
146	Nutrient resorption helps drive intra-specific coupling of foliar nitrogen and phosphorus under nutrient-enriched conditions. Plant and Soil, 2016, 398, 111-120.	3.7	53
147	A novel soil manganese mechanism drives plant species loss with increased nitrogen deposition in a temperate steppe. Ecology, 2016, 97, 65-74.	3.5	179
148	Bi-national research and education cooperation in the U.S.-China EcoPartnership for Environmental Sustainability. Journal of Renewable and Sustainable Energy, 2015, 7, 041512.	2.0	2
149	Productivity depends more on the rate than the frequency of N addition in a temperate grassland. Scientific Reports, 2015, 5, 12558.	3.4	50
150	Long term prevention of disturbance induces the collapse of a dominant species without altering ecosystem function. Scientific Reports, 2015, 5, 14320.	3.4	14
151	Environmental changes drive the temporal stability of semiâ€arid natural grasslands through altering species asynchrony. Journal of Ecology, 2015, 103, 1308-1316.	4.1	155
152	Plant nutrients do not covary with soil nutrients under changing climatic conditions. Global Biogeochemical Cycles, 2015, 29, 1298-1308.	4.8	67
153	Effects of nitrogen deposition rates and frequencies on the abundance of soil nitrogen-related functional genes in temperate grassland of northern China. Journal of Soils and Sediments, 2015, 15, 694-704.	3.0	51
154	Antithetical effects of nitrogen and water availability on community similarity of semiarid grasslands: evidence from a nine-year manipulation experiment. Plant and Soil, 2015, 397, 357-369.	3.7	24
155	Contrasting responses in leaf nutrient-use strategies of two dominant grass species along a 30-yr temperate steppe grazing exclusion chronosequence. Plant and Soil, 2015, 387, 69-79.	3.7	50
156	Increased precipitation induces a positive plant-soil feedback in a semi-arid grassland. Plant and Soil, 2015, 389, 211-223.	3.7	39
157	Strategies to alleviate poverty and grassland degradation in Inner Mongolia: Intensification vs production efficiency of livestock systems. Journal of Environmental Management, 2015, 152, 177-182.	7.9	115
158	Spatial patterns of soil nutrients, plant diversity, and aboveground biomass in the Inner Mongolia grassland: before and after a biodiversity removal experiment. Landscape Ecology, 2015, 30, 1737-1750.	4.2	19
159	Testing biodiversity-ecosystem functioning relationship in the worldâ€™s largest grassland: overview of the IMGRE project. Landscape Ecology, 2015, 30, 1723-1736.	4.2	33
160	Plant carbon limitation does not reduce nitrogen transfer from arbuscular mycorrhizal fungi to Plantago lanceolata. Plant and Soil, 2015, 396, 369-380.	3.7	31
161	Stoichiometric homeostasis predicts plant species dominance, temporal stability, and responses to global change. Ecology, 2015, 96, 2328-2335.	3.5	111
162	Scale-dependent effects of climate and geographic distance on bacterial diversity patterns across northern China's grasslands. FEMS Microbiology Ecology, 2015, 91, fiv133.	2.8	91

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163	Mechanisms of soil acidification reducing bacterial diversity. Soil Biology and Biochemistry, 2015, 81, 275-281.	9.0	82
164	Salt tolerance during seed germination and early seedling stages of 12 halophytes. Plant and Soil, 2015, 388, 229-241.	3.7	52
165	Effects of Nitrogen Addition and Fire on Plant Nitrogen Use in a Temperate Steppe. PLoS ONE, 2014, 9, e90057.	2.5	4
166	Water Content Differences Have Stronger Effects than Plant Functional Groups on Soil Bacteria in a Steppe Ecosystem. PLoS ONE, 2014, 9, e115798.	2.5	11
167	Terrestrial Contributions to the Aquatic Food Web in the Middle Yangtze River. PLoS ONE, 2014, 9, e102473.	2.5	18
168	The counteractive effects of nitrogen addition and watering on soil bacterial communities in a steppe ecosystem. Soil Biology and Biochemistry, 2014, 72, 26-34.	9.0	91
169	Seeking the flowers for the bees: Integrating biotic interactions into niche models to assess the distribution of the exotic bee species Lithurgus huberi in South America. Ecological Modelling, 2014, 273, 200-209.	2.5	72
170	Rapid plant species loss at high rates and at low frequency of N addition in temperate steppe. Global Change Biology, 2014, 20, 3520-3529.	9.7	138
171	Increase in ammonia volatilization from soil in response to N deposition in Inner Mongolia grasslands. Atmospheric Environment, 2014, 84, 156-162.	4.2	58
172	Effects of experimentally-enhanced precipitation and nitrogen on resistance, recovery and resilience of a semi-arid grassland after drought. Oecologia, 2014, 176, 1187-1197.	2.1	54
173	Aridity threshold in controlling ecosystem nitrogen cycling in arid and semi-arid grasslands. Nature Communications, 2014, 5, 4799.	13.2	266
174	Hierarchical responses of plant stoichiometry to nitrogen deposition and mowing in a temperate steppe. Plant and Soil, 2014, 382, 175-187.	3.7	63
175	Restoring the degraded grassland and improving sustainability of grassland ecosystem through chicken farming: A case study in northern China. Agriculture, Ecosystems and Environment, 2014, 186, 115-123.	5.5	24
176	Responses of nutrient concentrations and stoichiometry of senesced leaves in dominant plants to nitrogen addition and prescribed burning in a temperate steppe. Ecological Engineering, 2014, 70, 154-161.	3.7	17
177	Plant nitrogen uptake drives responses of productivity to nitrogen and water addition in a grassland. Scientific Reports, 2014, 4, 4817.	3.4	73
178	Grasshoppers Regulate N:P Stoichiometric Homeostasis by Changing Phosphorus Contents in Their Frass. PLoS ONE, 2014, 9, e103697.	2.5	32
179	Ammonia emissions from soil under sheep grazing in inner mongolian grasslands of China. Journal of Arid Land, 2013, 5, 155-165.	2.3	10
180	Soil organic and inorganic carbon contents under various land uses across a transect of continental steppes in Inner Mongolia. Catena, 2013, 109, 110-117.	5.1	52

#	Article	IF	Citations
181	Widespread non-microbial methane production by organic compounds and the impact of environmental stresses. Earth-Science Reviews, 2013, 127, 193-202.	9.4	48
182	Linking ethylene to nitrogen-dependent leaf longevity of grass species in a temperate steppe. Annals of Botany, 2013, 112, 1879-1885.	2.9	7
183	Carbon dioxide emission from temperate semiarid steppe during the non-growing season. Atmospheric Environment, 2013, 64, 141-149.	4.2	28
184	Nitrogen deposition weakens plantâ€“microbe interactions in grassland ecosystems. Global Change Biology, 2013, 19, 3688-3697.	9.7	228
185	Sampling Date, Leaf Age and Root Size: Implications for the Study of Plant C:N:P Stoichiometry. PLoS ONE, 2013, 8, e60360.	2.5	58
186	Patterns of Plant Biomass Allocation in Temperate Grasslands across a 2500-km Transect in Northern China. PLoS ONE, 2013, 8, e71749.	2.5	50
187	Response of the Abundance of Key Soil Microbial Nitrogen-Cycling Genes to Multi-Factorial Global Changes. PLoS ONE, 2013, 8, e76500.	2.5	84
188	Soil Bacterial Communities Respond to Climate Changes in a Temperate Steppe. PLoS ONE, 2013, 8, e78616.	2.5	26
189	Convergent responses of nitrogen and phosphorus resorption to nitrogen inputs in a semiarid grassland. Global Change Biology, 2013, 19, 2775-2784.	9.7	182
190	Soil Bacterial Communities Respond to Mowing and Nutrient Addition in a Steppe Ecosystem. PLoS ONE, 2013, 8, e84210.	2.5	49
191	Grazing alters ecosystem functioning and <scp>C</scp>:<scp>N</scp>:<scp>P</scp> stoichiometry of grasslands along a regional precipitation gradient. Journal of Applied Ecology, 2012, 49, 1204-1215.	4.0	292
192	Nitrogen deposition alters soil chemical properties and bacterial communities in the Inner Mongolia grassland. Journal of Environmental Sciences, 2012, 24, 1483-1491.	6.3	53
193	Intra-seasonal precipitation amount and pattern differentially affect primary production of two dominant species of Inner Mongolia grassland. Acta Oecologica, 2012, 44, 2-10.	1.2	32
194	Land-use impact on soil carbon and nitrogen sequestration in typical steppe ecosystems, Inner Mongolia. Journal of Chinese Geography, 2012, 22, 859-873.	3.9	27
195	Hierarchical Reproductive Allocation and Allometry within a Perennial Bunchgrass after 11 Years of Nutrient Addition. PLoS ONE, 2012, 7, e42833.	2.5	16
196	Losses in Carbon and Nitrogen Stocks in Soil Particleâ€Size Fractions along Cultivation Chronosequences in Inner Mongolian Grasslands. Journal of Environmental Quality, 2012, 41, 1507-1516.	2.9	9
197	Effects of Water and Nitrogen Addition on Species Turnover in Temperate Grasslands in Northern China. PLoS ONE, 2012, 7, e39762.	2.5	66
198	Warming and increased precipitation individually influence soil carbon sequestration of Inner Mongolian grasslands, China. Agriculture, Ecosystems and Environment, 2012, 158, 184-191.	5.5	40

#	Article	IF	Citations
199	Plasticity in leaf and stem nutrient resorption proficiency potentially reinforces plantâ€“soil feedbacks and microscale heterogeneity in a semiâ€arid grassland. Journal of Ecology, 2012, 100, 144-150.	4.1	96
200	Quantitative assessment of bioenergy from crop stalk resources in Inner Mongolia, China. Applied Energy, 2012, 93, 305-318.	10.3	41
201	Nitrogen and water availability interact to affect leaf stoichiometry in a semi-arid grassland. Oecologia, 2012, 168, 301-310.	2.1	111
202	Testing the Growth Rate Hypothesis in Vascular Plants with Above- and Below-Ground Biomass. PLoS ONE, 2012, 7, e32162.	2.5	58
203	Nitrogen Addition Regulates Soil Nematode Community Composition through Ammonium Suppression. PLoS ONE, 2012, 7, e43384.	2.5	84
204	Aerobic and Anaerobic Nonmicrobial Methane Emissions from Plant Material. Environmental Science & Technology, 2011, 45, 9531-9537.	10.5	22
205	Hierarchical Plant Responses and Diversity Loss after Nitrogen Addition: Testing Three Functionally-Based Hypotheses in the Inner Mongolia Grassland. PLoS ONE, 2011, 6, e20078.	2.5	28
206	Divergent Changes in Plant Community Composition under 3-Decade Grazing Exclusion in Continental Steppe. PLoS ONE, 2011, 6, e26506.	2.5	39
207	Annual methane uptake by temperate semiarid steppes as regulated by stocking rates, aboveground plant biomass and topsoil air permeability. Global Change Biology, 2011, 17, 2803-2816.	9.7	107
208	Nitrogen deposition mediates the effects and importance of chance in changing biodiversity. Molecular Ecology, 2011, 20, 429-438.	3.6	37
209	Complementarity in water sources among dominant species in typical steppe ecosystems of Inner Mongolia, China. Plant and Soil, 2011, 340, 303-313.	3.7	86
210	Plant responses following grazing removal at different stocking rates in an Inner Mongolia grassland ecosystem. Plant and Soil, 2011, 340, 199-213.	3.7	41
211	Feedback of grazing on gross rates of N mineralization and inorganic N partitioning in steppe soils of Inner Mongolia. Plant and Soil, 2011, 340, 127-139.	3.7	58
212	The effects of biomass removal and N additions on microbial N transformations and biomass at different vegetation types in an old-field ecosystem in northern China. Plant and Soil, 2011, 340, 397-411.	3.7	27
213	Steppe ecosystems and climate and land-use changesâ€”vulnerability, feedbacks and possibilities for adaptation. Plant and Soil, 2011, 340, 1-6.	3.7	22
214	Plant functional group removal alters root biomass and nutrient cycling in a typical steppe in Inner Mongolia, China. Plant and Soil, 2011, 346, 133-144.	3.7	19
215	Plant species effects on soil carbon and nitrogen dynamics in a temperate steppe of northern China. Plant and Soil, 2011, 346, 331-347.	3.7	33
216	Stoichiometric homeostasis of vascular plants in the Inner Mongolia grassland. Oecologia, 2011, 166, 1-10.	2.1	180

#	Article	IF	Citations
217	Rapid topâ€“down regulation of plant C:N:P stoichiometry by grasshoppers in an Inner Mongolia grassland ecosystem. Oecologia, 2011, 166, 253-264.	2.1	33
218	Carbon and nitrogen storage in plant and soil as related to nitrogen and water amendment in a temperate steppe of northern China. Biology and Fertility of Soils, 2011, 47, 187-196.	4.2	32
219	Nutrient resorption response to fire and nitrogen addition in a semi-arid grassland. Ecological Engineering, 2011, 37, 534-538.	3.7	39
220	Application of two remote sensing GPP algorithms at a semiarid grassland site of North China. Journal of Plant Ecology, 2011, 4, 302-312.	2.4	24
221	Nitrogen and water addition reduce leaf longevity of steppe species. Annals of Botany, 2011, 107, 145-155.	2.9	47
222	Ecological consequences of the Three Gorges Dam: insularization affects foraging behavior and dynamics of rodent populations. Frontiers in Ecology and the Environment, 2010, 8, 13-19.	2.9	27
223	Litter decomposition and nutrient release as affected by soil nitrogen availability and litter quality in a semiarid grassland ecosystem. Oecologia, 2010, 162, 771-780.	2.1	103
224	The role of plantâ€“soil feedbacks and landâ€use legacies in restoration of a temperate steppe in northern China. Ecological Research, 2010, 25, 1101-1111.	1.3	24
225	Nutrient resorption responses to water and nitrogen amendment in semi-arid grassland of Inner Mongolia, China. Plant and Soil, 2010, 327, 481-491.	3.7	108
226	Interactive effects of soil nitrogen and water availability on leaf mass loss in a temperate steppe. Plant and Soil, 2010, 331, 497-504.	3.7	7
227	Nitrogen fertilization and fire act independently on foliar stoichiometry in a temperate steppe. Plant and Soil, 2010, 334, 209-219.	3.7	57
228	Structural and chemical differences between shoot- and root-derived roots of three perennial grasses in a typical steppe in Inner Mongolia China. Plant and Soil, 2010, 336, 209-217.	3.7	12
229	The Influence of Historical Land Use and Water Availability on Grassland Restoration. Restoration Ecology, 2010, 18, 217-225.	2.7	43
230	Tradeoffs and thresholds in the effects of nitrogen addition on biodiversity and ecosystem functioning: evidence from inner Mongolia Grasslands. Global Change Biology, 2010, 16, 358-372.	9.7	704
231	Increased temperature and precipitation interact to affect root production, mortality, and turnover in a temperate steppe: implications for ecosystem C cycling. Global Change Biology, 2010, 16, 1306-1316.	9.7	188
232	Grazing-induced reduction of natural nitrous oxide release from continental steppe. Nature, 2010, 464, 881-884.	36.2	259
233	Linking stoichiometric homoeostasis with ecosystem structure, functioning and stability. Ecology Letters, 2010, 13, 1390-1399.	6.7	283
234	The ameliorative effect of silicon on soybean seedlings grown in potassium-deficient medium. Annals of Botany, 2010, 105, 967-973.	2.9	157

#	Article	IF	Citations
235	Annual methane uptake by typical semiarid steppe in Inner Mongolia. Journal of Geophysical Research, 2010, 115, .	3.3	23
236	Effects of grazing exclusion on soil net nitrogen mineralization and nitrogen availability in a temperate steppe in northern China. Journal of Arid Environments, 2010, 74, 1287-1293.	2.5	29
237	Temporal and spatial variability and controls of soil respiration in a temperate steppe in northern China. Global Biogeochemical Cycles, 2010, 24, .	4.8	60
238	Litter Decomposition in Semiarid Grassland of Inner Mongolia, China. Rangeland Ecology and Management, 2009, 62, 305-313.	2.4	15
239	Effects of prescribed burning and seasonal and interannual climate variation on nitrogen mineralization in a typical steppe in Inner Mongolia. Soil Biology and Biochemistry, 2009, 41, 796-803.	9.0	51
240	China's grazed temperate grasslands are a net source of atmospheric methane. Atmospheric Environment, 2009, 43, 2148-2153.	4.2	31
241	Growing season methane budget of an Inner Mongolian steppe. Atmospheric Environment, 2009, 43, 3086-3095.	4.2	30
242	Non-Additive Effects of Water and Nitrogen Addition on Ecosystem Carbon Exchange in a Temperate Steppe. Ecosystems, 2009, 12, 915-926.	3.4	132
243	Effects of longâ€term grazing on the morphological and functional traits of Leymus chinensis in the semiarid grassland of Inner Mongolia, China. Ecological Research, 2009, 24, 99-108.	1.3	79
244	Poplar plantation has the potential to alter the water balance in semiarid Inner Mongolia. Journal of Environmental Management, 2009, 90, 2762-2770.	7.9	67
245	Sheepfolds as â€œhotspotsâ€•of nitric oxide (NO) emission in an Inner Mongolian steppe. Agriculture, Ecosystems and Environment, 2009, 134, 136-142.	5.5	13
246	Differences in Net Primary Productivity Among Contrasting Habitats in Artemisia ordosica Rangeland of Northern China. Rangeland Ecology and Management, 2009, 62, 345-350.	2.4	6
247	Changes in carbon and nitrogen in soil particle-size fractions along a grassland restoration chronosequence in northern China. Geoderma, 2009, 150, 302-308.	5.2	81
248	Energy balance and partition in Inner Mongolia steppe ecosystems with different land use types. Agricultural and Forest Meteorology, 2009, 149, 1800-1809.	4.8	142
249	Cultivation and grazing altered evapotranspiration and dynamics in Inner Mongolia steppes. Agricultural and Forest Meteorology, 2009, 149, 1810-1819.	4.8	75
250	Climate and ecosystem ¹⁵N natural abundance along a transect of Inner Mongolian grasslands: Contrasting regional patterns and global patterns. Global Biogeochemical Cycles, 2009, 23, .	4.8	52
251	Grazing Density Effects on Cover, Species Composition, and Nitrogen Fixation of Biological Soil Crust in an Inner Mongolia Steppe. Rangeland Ecology and Management, 2009, 62, 321-327.	2.4	43
252	The Grasslands of Inner Mongolia: A Special Feature. Rangeland Ecology and Management, 2009, 62, 303-304.	2.4	32

#	Article	IF	Citations
253	Predicting plant diversity based on remote sensing products in the semi-arid region of Inner Mongolia. Remote Sensing of Environment, 2008, 112, 2018-2032.	11.1	81
254	Variation in small-scale spatial heterogeneity of soil properties and vegetation with different land use in semiarid grassland ecosystem. Plant and Soil, 2008, 310, 103-112.	3.7	48
255	Effects of irrigation on nitrous oxide, methane and carbon dioxide fluxes in an Inner Mongolian steppe. Advances in Atmospheric Sciences, 2008, 25, 748-756.	4.5	32
256	Comparisons in water relations of plants between newly formed riparian and non-riparian habitats along the bank of Three Gorges Reservoir, China. Trees - Structure and Function, 2008, 22, 717-728.	1.9	13
257	Effects of grassland conversion to croplands on soil organic carbon in the temperate Inner Mongolia. Journal of Environmental Management, 2008, 86, 529-534.	7.9	59
258	A change of course: JIPB to focus on fundamental questions in plant sciences. Journal of Integrative Plant Biology, 2008, 50, 1-1.	9.2	18
259	N2O emission from the semi-arid ecosystem under mineral fertilizer (urea and superphosphate) and increased precipitation in northern China. Atmospheric Environment, 2008, 42, 291-302.	4.2	81
260	PRIMARY PRODUCTION AND RAIN USE EFFICIENCY ACROSS A PRECIPITATION GRADIENT ON THE MONGOLIA PLATEAU. Ecology, 2008, 89, 2140-2153.	3.5	605
261	Seasonal variations in nitrogen mineralization under three land use types in a grassland landscape. Acta Oecologica, 2008, 34, 322-330.	1.2	66
262	Aerobic Methane Emission from Plants in the Inner Mongolia Steppe. Environmental Science & Technology, 2008, 42, 62-68.	10.5	92
263	Grassland ecosystems in China: review of current knowledge and research advancement. Philosophical Transactions of the Royal Society B: Biological Sciences, 2007, 362, 997-1008.	4.2	510
264	A new approach to the fight against desertification in Inner Mongolia. Environmental Conservation, 2007, 34, 95-97.	1.7	14
265	Positive linear relationship between productivity and diversity: evidence from the Eurasian Steppe. Journal of Applied Ecology, 2007, 44, 1023-1034.	4.0	229
266	Winter-grazing reduces methane uptake by soils of a typical semi-arid steppe in Inner Mongolia, China. Atmospheric Environment, 2007, 41, 5948-5958.	4.2	89
267	Dynamics and allocation of recently photo-assimilated carbon in an Inner Mongolia temperate steppe. Environmental and Experimental Botany, 2007, 59, 1-10.	4.3	19
268	Nonadditive effects of litter mixtures on decomposition and correlation with initial litter N and P concentrations in grassland plant species of northern China. Biology and Fertility of Soils, 2007, 44, 211-216.	4.2	64
269	Soil carbon and nitrogen stores and storage potential as affected by land-use in an agro-pastoral ecotone of northern China. Biogeochemistry, 2007, 82, 127-138.	3.7	126
270	Microbial N Turnover and N-Oxide (N2O/NO/NO2) Fluxes in Semi-arid Grassland of Inner Mongolia. Ecosystems, 2007, 10, 623-634.	3.4	67

#	ARTICLE	IF	CITATIONS
271	Restoration and Management of the Inner Mongolia Grassland Require a Sustainable Strategy. Ambio, 2006, 35, 269-270.	5.8	153
272	Differential responses of litter decomposition to increased soil nutrients and water between two contrasting grassland plant species of Inner Mongolia, China. Applied Soil Ecology, 2006, 34, 266-275.	4.4	101
273	Variant Scaling Relationship for Mass-Density Across Tree-Dominated Communities. Journal of Integrative Plant Biology, 2006, 48, 268-277.	9.2	17
274	Nitrogen response efficiency increased monotonically with decreasing soil resource availability: a case study from a semiarid grassland in northern China. Oecologia, 2006, 148, 564-572.	2.1	105
275	Methane emission patches in riparian marshes of the inner Mongolia. Atmospheric Environment, 2006, 40, 5528-5532.	4.2	19
276	Temperature and soil moisture interactively affected soil net N mineralization in temperate grassland in Northern China. Soil Biology and Biochemistry, 2006, 38, 1101-1110.	9.0	280
277	Ecosystem stability in Inner Mongolia (reply). Nature, 2005, 435, E6-E7.	36.2	6
278	Variations in the Volatile Organic Compound Emission Potential of Plant Functional Groups in the Temperate Grassland Vegetation of Inner Mongolia, China. Journal of Integrative Plant Biology, 2005, 47, 13-19.	9.2	9
279	Effect of Nitrogen Supply on the Nitrogen Use Efficiency of an Annual Herb, Helianthus annuus L.. Journal of Integrative Plant Biology, 2005, 47, 539-548.	9.2	18
280	Lack of Evidence for 3/4 Scaling of Metabolism in Terrestrial Plants. Journal of Integrative Plant Biology, 2005, 47, 1173-1183.	9.2	39
281	Comparing physiological responses of two dominant grass species to nitrogen addition in Xilin River Basin of China. Environmental and Experimental Botany, 2005, 53, 65-75.	4.3	145
282	Diurnal variation in methane emissions in relation to plants and environmental variables in the Inner Mongolia marshes. Atmospheric Environment, 2005, 39, 6295-6305.	4.2	64
283	Variations in life-form composition and foliar carbon isotope discrimination among eight plant communities under different soil moisture conditions in the Xilin River Basin, Inner Mongolia, China. Ecological Research, 2005, 20, 167-176.	1.3	39
284	Soil characteristics and nitrogen resorption in Stipa krylovii native to northern China. Plant and Soil, 2005, 273, 257-268.	3.7	67
285	Foliar Nitrogen Dynamics and Nitrogen Resorption of a Sandy Shrub Salix gordejevii in Northern China. Plant and Soil, 2005, 278, 183-193.	3.7	31
286	Methane emission from small wetlands and implications for semiarid region budgets. Journal of Geophysical Research, 2005, 110, .	3.3	29
287	The Three Gorges Dam: an ecological perspective. Frontiers in Ecology and the Environment, 2004, 2, 241-248.	2.9	300
288	Ecosystem stability and compensatory effects in the Inner Mongolia grassland. Nature, 2004, 431, 181-184.	36.2	1,036

#	Article	IF	Citations
289	Applications of stable isotopes to study plant-animal relationships in terrestrial ecosystems. Science Bulletin, 2004, 49, 2339-2347.	1.6	8
290	Do rhizome severing and shoot defoliation affect clonal growth of Leymus chinensis at ramet population level?. Acta Oecologica, 2004, 26, 255-260.	1.2	95
291	ECOLOGY: Three-Gorges Dam--Experiment in Habitat Fragmentation?. Science, 2003, 300, 1239-1240.	20.9	340
292	Studies on litter decomposition processes in a temperate forest ecosystem. I. Change of organic matter in oak (Quercus liaotungensis Koidz.) twigs. Ecological Research, 1998, 13, 163-170.	1.3	12
293	On the Nature of Environmental Gradients: Temporal and Spatial Variability of Soils and Vegetation in the New Jersey Pinelands. Journal of Ecology, 1997, 85, 785.	4.1	66
294	Live and Dead Roots in Forest Soil Horizons: Contrasting Effects on Nitrogen Dynamics. Ecology, 1997, 78, 348.	3.5	2
295	LIVE AND DEAD ROOTS IN FOREST SOIL HORIZONS:CONTRASTING EFFECTS ON NITROGEN DYNAMICS. Ecology, 1997, 78, 348-362.	3.5	56
296	The effects of live and dead roots on soil fungi in spodosolic soils of the New Jersey Pinelands. Biology and Fertility of Soils, 1996, 21, 215-226.	4.2	10
297	Object and Methods of the Netherlands Study Centre for Technology Trends (STT). TATuP - Zeitschrift FÃ¼r TechnikfolgenabschÃ¤tzung in Theorie Und Praxis, 1996, 5, 27-28.	0.2	0
298	Responses and sensitivity of N, P and mobile carbohydrates of dominant species to increased water, N and P availability in semi-arid grasslands in northern China. Journal of Plant Ecology, 0, , rtw053.	2.4	9
299	Mechanisms of biodiversity loss under nitrogen enrichment: unveiling a shift from light competition to cation toxicity. New Phytologist, 0, , .	7.8	0
300	Tradeoff between productivity and stability across aboveâ€•and belowâ€ground communities. Journal of Integrative Plant Biology, 0, , .	9.2	0