

NITROGEN LIMITATION OF NET PRIMARY PRODUCTIVITY GLOBALLY DISTRIBUTED

Ecology

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Global nitrogen deposition and carbon sinks. <i>Nature Geoscience</i> , 2008, 1, 430-437.	5.4	629
2	Global response patterns of terrestrial plant species to nitrogen addition. <i>New Phytologist</i> , 2008, 179, 428-439.	3.5	579
3	Nitrogen additions and microbial biomass: a meta-analysis of ecosystem studies. <i>Ecology Letters</i> , 2008, 11, 1111-1120.	3.0	1,221
4	Foliar uptake of atmospheric organic nitrates. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	39
5	Large interannual CO ₂ and energy exchange variability in a freshwater marsh under consistent environmental conditions. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	32
6	Canopy nitrogen, carbon assimilation, and albedo in temperate and boreal forests: Functional relations and potential climate feedbacks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 19336-19341.	3.3	326
7	Conifers, Angiosperm Trees, and Lianas: Growth, Whole-Plant Water and Nitrogen Use Efficiency, and Stable Isotope Composition ($\delta^{13}\text{C}$ and $\delta^{18}\text{O}$) of Seedlings Grown in a Tropical Environment <i>A. Plant Physiology</i> , 2008, 148, 642-659.	2.3	80
8	Controls on the Spatial Patterns of Carbon and Nitrogen in Adirondack Forest Soils along a Gradient of Nitrogen Deposition. <i>Soil Science Society of America Journal</i> , 2009, 73, 2105-2117.	1.2	22
9	Carbon-nitrogen interactions regulate climate-carbon cycle feedbacks: results from an atmosphere-ocean general circulation model. <i>Biogeosciences</i> , 2009, 6, 2099-2120.	1.3	399
10	On the fate of anthropogenic nitrogen. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 203-208.	3.3	790
11	Non-Additive Effects of Water and Nitrogen Addition on Ecosystem Carbon Exchange in a Temperate Steppe. <i>Ecosystems</i> , 2009, 12, 915-926.	1.6	125
12	Climate Variation and Soil Carbon and Nitrogen Cycling Processes in a Northern Hardwood Forest. <i>Ecosystems</i> , 2009, 12, 927-943.	1.6	117
13	Decades of atmospheric deposition have not resulted in widespread phosphorus limitation or saturation of tree demand for nitrogen in southern New England. <i>Biogeochemistry</i> , 2009, 92, 217-229.	1.7	72
14	Ectomycorrhizal fungi associated with <i>Pinus sylvestris</i> seedlings respond differently to increased carbon and nitrogen availability: implications for ecosystem responses to global change. <i>Global Change Biology</i> , 2009, 15, 166-175.	4.2	37
15	Response of ecosystem carbon exchange to warming and nitrogen addition during two hydrologically contrasting growing seasons in a temperate steppe. <i>Global Change Biology</i> , 2009, 15, 1544-1556.	4.2	228
16	Soil drying and nitrogen availability modulate carbon and water exchange over a range of annual precipitation totals and grassland vegetation types. <i>Global Change Biology</i> , 2009, 15, 3018-3030.	4.2	50
17	Systematic assessment of terrestrial biogeochemistry in coupled climate-carbon models. <i>Global Change Biology</i> , 2009, 15, 2462-2484.	4.2	324
18	Nitrogen deposition induced changes in DOC:fNO ₃ -N ratios determine the efficiency of nitrate removal from freshwaters. <i>Global Change Biology</i> , 2010, 16, 2358-2365.	4.2	20

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19	Integrating plant-soil interactions into global carbon cycle models. <i>Journal of Ecology</i> , 2009, 97, 851-863.	1.9	233
20	Plant responsiveness to variation in precipitation and nitrogen is consistent across the compositional diversity of a California annual grassland. <i>Journal of Vegetation Science</i> , 2009, 20, 860-870.	1.1	30
21	A review of nitrogen enrichment effects on three biogenic GHGs: the CO ₂ sink may be largely offset by stimulated N ₂ O and CH ₄ emission. <i>Ecology Letters</i> , 2009, 12, 1103-1117.	3.0	532
22	Nitrogen dynamics across silvicultural canopy gaps in young forests of western Oregon. <i>Forest Ecology and Management</i> , 2009, 258, 273-287.	1.4	25
23	Responses of net ecosystem CO ₂ exchange to nitrogen fertilization in experimentally manipulated grassland ecosystems. <i>Agricultural and Forest Meteorology</i> , 2009, 149, 1956-1963.	1.9	22
24	Synergy of rising nitrogen depositions and atmospheric CO ₂ on land carbon uptake moderately offsets global warming. <i>Global Biogeochemical Cycles</i> , 2009, 23, .	1.9	53
25	Nitrogen in Agriculture: Balancing the Cost of an Essential Resource. <i>Annual Review of Environment and Resources</i> , 2009, 34, 97-125.	5.6	854
26	The Nitrogen Paradox in Tropical Forest Ecosystems. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2009, 40, 613-635.	3.8	402
27	Is the growth of temperate forest trees enhanced along an ambient nitrogen deposition gradient?. <i>Ecology</i> , 2009, 90, 1736-1742.	1.5	41
28	Phenolic Control of Plant Nitrogen Acquisition through the Inhibition of Soil Microbial Decomposition Processes: A Plant-Microbe Competition Model. <i>Microbes and Environments</i> , 2009, 24, 180-187.	0.7	14
29	Differences in wetland nitrogen cycling between the invasive grass <i>Microstegium vimineum</i> and a diverse plant community. <i>Ecological Applications</i> , 2010, 20, 609-619.	1.8	32
30	Nitrogen transfer between herbivores and their forage species. <i>Polar Biology</i> , 2010, 33, 1195-1203.	0.5	20
31	Size of Precipitation Pulses Controls Nitrogen Transformation and Losses in an Arid Patagonian Ecosystem. <i>Ecosystems</i> , 2010, 13, 575-585.	1.6	77
32	Responses of Vegetation and Ecosystem CO ₂ Exchange to 9 Years of Nutrient Addition at Mer Bleue Bog. <i>Ecosystems</i> , 2010, 13, 874-887.	1.6	69
33	Contrasting cost-benefit strategy between lianas and trees in a tropical seasonal rain forest in southwestern China. <i>Oecologia</i> , 2010, 163, 591-599.	0.9	69
34	Immobilizing nitrogen to control plant invasion. <i>Oecologia</i> , 2010, 163, 13-24.	0.9	126
35	Effects of nitrogen addition on vegetation and ecosystem carbon in a semi-arid grassland. <i>Biogeochemistry</i> , 2010, 98, 185-193.	1.7	55
36	Effects of NPK fertilisation in arid southern Mongolian desert steppes. <i>Plant Ecology</i> , 2010, 207, 93-105.	0.7	23

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37	Interactive effects of resource enrichment and resident diversity on invasion of native grassland by <i>Lolium arundinaceum</i> . <i>Plant Ecology</i> , 2010, 207, 203-212.	0.7	7
38	Nitrogen fertilization and water supply affect germination and plant establishment of the soil seed bank present in a semi-arid Mediterranean scrubland. <i>Plant Ecology</i> , 2010, 210, 263-273.	0.7	41
39	Nutrient resorption responses to water and nitrogen amendment in semi-arid grassland of Inner Mongolia, China. <i>Plant and Soil</i> , 2010, 327, 481-491.	1.8	104
40	Plant nitrogen and phosphorus limitation in 98 North American grassland soils. <i>Plant and Soil</i> , 2010, 334, 73-84.	1.8	74
41	Foliar nitrogen and phosphorus accumulation responses after fertilization: an example from nutrient-limited Hawaiian forests. <i>Plant and Soil</i> , 2010, 334, 85-98.	1.8	120
42	Nitrogen fertilization and fire act independently on foliar stoichiometry in a temperate steppe. <i>Plant and Soil</i> , 2010, 334, 209-219.	1.8	55
43	Foliar and soil ¹⁵ N natural abundances provide field evidence on nitrogen dynamics in temperate and boreal forest ecosystems. <i>Plant and Soil</i> , 2010, 337, 285-297.	1.8	39
44	Nitrogen alters carbon dynamics during early succession in boreal forest. <i>Soil Biology and Biochemistry</i> , 2010, 42, 1157-1164.	4.2	96
45	Nitrogen Mineralization and Leaching in the Early Stages of a Subtropical Reforestation in Southern China. <i>Restoration Ecology</i> , 2010, 18, 313-322.	1.4	25
46	Ecosystem CO ₂ fluxes of arbuscular and ectomycorrhizal dominated vegetation types are differentially influenced by precipitation and temperature. <i>New Phytologist</i> , 2010, 185, 226-236.	3.5	53
47	Thirteen decades of foliar isotopes indicate declining nitrogen availability in central North American grasslands. <i>New Phytologist</i> , 2010, 187, 1135-1145.	3.5	77
48	Can ecological stoichiometry help explain patterns of biological invasions?. <i>Oikos</i> , 2010, 119, 779-790.	1.2	139
49	Hydraulic limitation not declining nitrogen availability causes the age-related photosynthetic decline in loblolly pine (<i>Pinus taeda</i> L.). <i>Plant, Cell and Environment</i> , 2010, 33, 1756-1766.	2.8	67
50	Nitrogen effects on net ecosystem carbon exchange in a temperate steppe. <i>Global Change Biology</i> , 2010, 16, 144-155.	4.2	183
51	Tradeoffs and thresholds in the effects of nitrogen addition on biodiversity and ecosystem functioning: evidence from inner Mongolia Grasslands. <i>Global Change Biology</i> , 2010, 16, 358-372.	4.2	680
52	Nitrogen deposition in tropical forests from savanna and deforestation fires. <i>Global Change Biology</i> , 2010, 16, 2024-2038.	4.2	84
53	Ant nest location, soil nutrients and nutrient uptake by ant-associated plants: does extrafloral nectar attract ant nests and thereby enhance plant nutrition?. <i>Journal of Ecology</i> , 2010, 98, 614-624.	1.9	56
54	Plant-soil associations in a lower montane tropical forest: physiological acclimation and herbivore-mediated responses to nitrogen addition. <i>Functional Ecology</i> , 2010, 24, 1171-1180.	1.7	39

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56	A global perspective on belowground carbon dynamics under nitrogen enrichment. <i>Ecology Letters</i> , 2010, 13, 819-828.	3.0	600
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59	A global model of carbon, nitrogen and phosphorus cycles for the terrestrial biosphere. <i>Biogeosciences</i> , 2010, 7, 2261-2282.	1.3	542
60	A global database of soil respiration data. <i>Biogeosciences</i> , 2010, 7, 1915-1926.	1.3	437
61	Interactions between nitrogen deposition, land cover conversion, and climate change determine the contemporary carbon balance of Europe. <i>Biogeosciences</i> , 2010, 7, 2749-2764.	1.3	53
62	Attribution of spatial and temporal variations in terrestrial methane flux over North America. <i>Biogeosciences</i> , 2010, 7, 3637-3655.	1.3	70
63	Contributions of secondary forest and nitrogen dynamics to terrestrial carbon uptake. <i>Biogeosciences</i> , 2010, 7, 3041-3050.	1.3	38
64	A global comparison of grassland biomass responses to CO ₂ and nitrogen enrichment. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 2047-2056.	1.8	125
65	Using Nitrogen Isotope Ratios to Assess Terrestrial Ecosystems at Regional and Global Scales. , 2010, , 221-249.		58
66	Global assessment of nitrogen deposition effects on terrestrial plant diversity: a synthesis. <i>Ecological Applications</i> , 2010, 20, 30-59.	1.8	2,063
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71	Response of the N and P cycles of an old-growth montane forest in Ecuador to experimental low-level N and P amendments. <i>Forest Ecology and Management</i> , 2010, 260, 1434-1445.	1.4	46
72	Tree-ring width and $\delta^{13}\text{C}$ records of industrial stress and recovery in Pennsylvania and New Jersey forests: Implications for CO ₂ uptake by temperate forests. <i>Chemical Geology</i> , 2010, 273, 250-257.	1.4	8
73	Controls over mycorrhizal uptake of organic nitrogen. <i>Pedobiologia</i> , 2010, 53, 169-179.	0.5	121
74	Predicting plant invasions in an era of global change. <i>Trends in Ecology and Evolution</i> , 2010, 25, 310-318.	4.2	531

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76	Consistent effects of nitrogen fertilization on soil bacterial communities in contrasting systems. <i>Ecology</i> , 2010, 91, 3463-3470.	1.5	475
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78	Nitrogen turnover in the leaf litter and fine roots of sugar maple. <i>Ecology</i> , 2010, 91, 3456-3462.	1.5	14
79	Meta-analysis of fertilization experiments indicates multiple limiting nutrients in northeastern deciduous forests. <i>Canadian Journal of Forest Research</i> , 2010, 40, 1766-1780.	0.8	101
80	Responses of Native and Introduced Plant Species to Sucrose Addition in Puget Lowland Prairies. <i>Northwest Science</i> , 2011, 85, 255-268.	0.1	4
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82	Global-scale latitudinal patterns of plant fine-root nitrogen and phosphorus. <i>Nature Communications</i> , 2011, 2, 344.	5.8	201
83	Biogeochemistry of a temperate forest nitrogen gradient. <i>Ecology</i> , 2011, 92, 1481-1491.	1.5	79
84	Recent rates of forest harvest and conversion in North America. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	92
85	Interactions between nitrogenous fertilizers and methane cycling in wetland and upland soils. <i>Current Opinion in Environmental Sustainability</i> , 2011, 3, 379-388.	3.1	159
86	Carbon–nitrogen interactions on land at global scales: current understanding in modelling climate biosphere feedbacks. <i>Current Opinion in Environmental Sustainability</i> , 2011, 3, 311-320.	3.1	213
87	Potassium, phosphorus, or nitrogen limit root allocation, tree growth, or litter production in a lowland tropical forest. <i>Ecology</i> , 2011, 92, 1616-1625.	1.5	478
88	Direct seeding of late-successional trees to restore tropical montane forest. <i>Forest Ecology and Management</i> , 2011, 261, 1590-1597.	1.4	153
89	The effects of land use on soil N mineralization during the growing season on the northern Loess Plateau of China. <i>Geoderma</i> , 2011, 160, 590-598.	2.3	42
90	Nitrogen fixation in legumes and actinorhizal plants in natural ecosystems: values obtained using ^{15}N natural abundance. <i>Plant Ecology and Diversity</i> , 2011, 4, 131-140.	1.0	66
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95	Decomposition of Different Litter Fractions in a Subtropical Bamboo Ecosystem as Affected by Experimental Nitrogen Deposition. <i>Pedosphere</i> , 2011, 21, 685-695.	2.1	19
96	Nitrogen as a threat to the European greenhouse balance. , 2011, , 434-462.		58
97	Biofuels and Ecosystem Carbon Balance Under Global Change. , 0, , .		0
98	Consequences of More Intensive Forestry for the Sustainable Management of Forest Soils and Waters. <i>Forests</i> , 2011, 2, 243-260.	0.9	68
99	Shifts in Species Composition Constrain Restoration of Overgrazed Grassland Using Nitrogen Fertilization in Inner Mongolian Steppe, China. <i>PLoS ONE</i> , 2011, 6, e16909.	1.1	37
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101	No evidence that chronic nitrogen additions increase photosynthesis in mature sugar maple forests. , 2011, 21, 2413-2424.		43
102	Ecosystem services altered by human changes in the nitrogen cycle: a new perspective for US decision making. <i>Ecology Letters</i> , 2011, 14, 804-815.	3.0	225
103	Evolutionary trade-offs among decomposers determine responses to nitrogen enrichment. <i>Ecology Letters</i> , 2011, 14, 933-938.	3.0	84
104	Relationships among net primary productivity, nutrients and climate in tropical rain forest: a pan-tropical analysis. <i>Ecology Letters</i> , 2011, 14, 939-947.	3.0	379
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107	Soil fertility and fine root dynamics in response to 4 years of nutrient (N, P, K) fertilization in a lowland tropical moist forest, Panama. <i>Austral Ecology</i> , 2011, 36, 433-445.	0.7	95
108	Predicting the future of forests in the Mediterranean under climate change, with niche- and process-based models: CO2 matters!. <i>Global Change Biology</i> , 2011, 17, 565-579.	4.2	182
109	Foliar N/P ratio and nutrient limitation to vegetation growth on Keerqin sandy grassland of North-east China. <i>Grass and Forage Science</i> , 2011, 66, 237-242.	1.2	13
110	Spatio-temporal variations determine plant-microbe competition for inorganic nitrogen in an alpine meadow. <i>Journal of Ecology</i> , 2011, 99, 563-571.	1.9	68
111	Responses of ecosystem nitrogen cycle to nitrogen addition: a meta-analysis. <i>New Phytologist</i> , 2011, 189, 1040-1050.	3.5	383

#	ARTICLE	IF	CITATIONS
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114	Nitrogen turnover in soil and global change. <i>FEMS Microbiology Ecology</i> , 2011, 78, 3-16.	1.3	159
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116	Ecosystem responses to reduced and oxidised nitrogen inputs in European terrestrial habitats. <i>Environmental Pollution</i> , 2011, 159, 665-676.	3.7	132
117	Special issue on nitrogen deposition, critical loads, and biodiversity. <i>Environmental Pollution</i> , 2011, 159, 2211-2213.	3.7	5
118	Contrasting effects of precipitation and fertilization on seed viability and production of <i>Stipa krylovii</i> in Mongolia. <i>Basic and Applied Ecology</i> , 2011, 12, 141-151.	1.2	18
119	Minor stimulation of soil carbon storage by nitrogen addition: A meta-analysis. <i>Agriculture, Ecosystems and Environment</i> , 2011, 140, 234-244.	2.5	390
120	Effects of nitrogen additions on above- and belowground carbon dynamics in two tropical forests. <i>Biogeochemistry</i> , 2011, 104, 203-225.	1.7	145
121	Are patterns in nutrient limitation belowground consistent with those aboveground: results from a 4 million year chronosequence. <i>Biogeochemistry</i> , 2011, 106, 323-336.	1.7	59
122	Effects of fertilization and irrigation on productivity, plant nutrient contents and soil nutrients in southern Mongolia. <i>Plant and Soil</i> , 2011, 340, 239-251.	1.8	37
123	Short-term simulated nitrogen deposition increases carbon sequestration in a <i>Pleurozium amarus</i> plantation. <i>Plant and Soil</i> , 2011, 340, 383-396.	1.8	40
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126	Increasing water and nitrogen availability enhanced net ecosystem CO ₂ assimilation of a temperate semiarid steppe. <i>Plant and Soil</i> , 2011, 349, 227-240.	1.8	42
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#	ARTICLE	IF	CITATIONS
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131	Forest Canopy Properties and Variation in Aboveground Net Primary Production over Upper Great Lakes Landscapes. <i>Ecosystems</i> , 2011, 14, 865-879.	1.6	9
132	Soil nitrogen dynamics during stand development after clear-cutting of Japanese cedar (<i>Cryptomeria japonica</i>) plantations. <i>Journal of Forest Research</i> , 2011, 16, 394-404.	0.7	27
133	Coupling a terrestrial biogeochemical model to the common land model. <i>Advances in Atmospheric Sciences</i> , 2011, 28, 1129-1142.	1.9	4
134	Increased forest ecosystem carbon and nitrogen storage from nitrogen rich bedrock. <i>Nature</i> , 2011, 477, 78-81.	13.7	148
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137	Multi-element regulation of the tropical forest carbon cycle. <i>Frontiers in Ecology and the Environment</i> , 2011, 9, 9-17.	1.9	204
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140	Plants control the seasonal dynamics of microbial N cycling in a beech forest soil by belowground C allocation. <i>Ecology</i> , 2011, 92, 1036-1051.	1.5	118
141	Temporal patterns of inorganic nitrogen uptake by mature sugar maple (<i>Acer saccharum</i> Marsh.) and red spruce (<i>Picea rubens</i> Sarg.) trees using two common approaches. <i>Plant Ecology and Diversity</i> , 2011, 4, 141-152.	1.0	28
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143	Effects of nitrogen deposition and empirical nitrogen critical loads for ecoregions of the United States. , 2011, 21, 3049-3082.		373
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145	Substrate supply, fine roots, and temperature control proteolytic enzyme activity in temperate forest soils. <i>Ecology</i> , 2011, 92, 892-902.	1.5	86
146	Effects of nutrients and physical lake characteristics on bacterial and phytoplankton production: A meta-analysis. <i>Limnology and Oceanography</i> , 2011, 56, 1703-1713.	1.6	31
147	Boreal forest soil carbon: distribution, function and modelling. <i>Forestry</i> , 2012, 85, 161-184.	1.2	173

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149	Growth enhancement of <i>Picea abies</i> trees under long-term, low-dose N addition is due to morphological more than to physiological changes. <i>Tree Physiology</i> , 2012, 32, 1471-1481.	1.4	28
150	Interactive effects of water and nitrogen addition on soil microbial communities in a semiarid steppe. <i>Journal of Plant Ecology</i> , 2012, 5, 320-329.	1.2	76
151	A global analysis of fine root production as affected by soil nitrogen and phosphorus. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 3796-3802.	1.2	125
152	Organic and inorganic carbon in the topsoil of the Mongolian and Tibetan grasslands: pattern, control and implications. <i>Biogeosciences</i> , 2012, 9, 2287-2299.	1.3	105
153	Bad News for Soil Carbon Sequestration?. <i>Science</i> , 2012, 337, 1049-1050.	6.0	24
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155	Effects of mowing and nitrogen addition on soil respiration in three patches in an oldfield grassland in Inner Mongolia. <i>Journal of Plant Ecology</i> , 2012, 5, 219-228.	1.2	46
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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782	Does carbon limitation reduce nitrogen retention in soil?. <i>Environmental Chemistry Letters</i> , 2018, 16, 623-630.	8.3	6
783	Threshold responses of soil organic carbon concentration and composition to multi-level nitrogen addition in a temperate needle-broadleaved forest. <i>Biogeochemistry</i> , 2018, 137, 219-233.	1.7	15
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#	ARTICLE	IF	CITATIONS
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786	An increase in precipitation exacerbates negative effects of nitrogen deposition on soil cations and soil microbial communities in a temperate forest. <i>Environmental Pollution</i> , 2018, 235, 293-301.	3.7	58
787	Reconsidering the phosphorus limitation of soil microbial activity in tropical forests. <i>Functional Ecology</i> , 2018, 32, 1145-1154.	1.7	80
788	Arbuscular mycorrhizal fungi and associated microbial communities from dry grassland do not improve plant growth on abandoned field soil. <i>Oecologia</i> , 2018, 186, 677-689.	0.9	7
789	Predictable spatial patterns of biological nitrogen fixation in forest floor mosses: Color matters!. <i>Soil Biology and Biochemistry</i> , 2018, 122, 160-162.	4.2	3
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794	Global negative effects of nitrogen deposition on soil microbes. <i>ISME Journal</i> , 2018, 12, 1817-1825.	4.4	405
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801	Managed grassland alters soil N dynamics and N_2O emissions in temperate steppe. <i>Journal of Environmental Sciences</i> , 2018, 66, 20-30.	3.2	12
802	BETYdb: a yield, trait, and ecosystem service database applied to second-generation bioenergy feedstock production. <i>GCB Bioenergy</i> , 2018, 10, 61-71.	2.5	40

#	ARTICLE	IF	CITATIONS
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804	Plant functional types rather than climate or soil determine leaf traits in the forest biomes of eastern China. <i>Scandinavian Journal of Forest Research</i> , 2018, 33, 14-22.	0.5	4
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812	Biochar addition induced the same plant responses as elevated CO ₂ in mine spoil. <i>Environmental Science and Pollution Research</i> , 2018, 25, 1460-1469.	2.7	9
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#	ARTICLE	IF	CITATIONS
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822	Elevated ozone affects C, N and P ecological stoichiometry and nutrient resorption of two poplar clones. <i>Environmental Pollution</i> , 2018, 234, 136-144.	3.7	49
823	Fire frequency drives decadal changes in soil carbon and nitrogen and ecosystem productivity. <i>Nature</i> , 2018, 553, 194-198.	13.7	325
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#	ARTICLE	IF	CITATIONS
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840	Enhanced peak growth of global vegetation and its key mechanisms. <i>Nature Ecology and Evolution</i> , 2018, 2, 1897-1905.	3.4	169
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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895	Fertilization influences the nutrient acquisition strategy of a nomadic vine in a lowland tropical forest understory. <i>Plant and Soil</i> , 2018, 431, 389-399.	1.8	3
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909	Evolutionary Exobiology II: investigating biological potential of synchronously-rotating worlds. <i>International Journal of Astrobiology</i> , 2019, 18, 362-376.	0.9	4
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#	ARTICLE	IF	CITATIONS
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921	Interactive effects of nitrogen and potassium on photosynthesis and photosynthetic nitrogen allocation of rice leaves. <i>BMC Plant Biology</i> , 2019, 19, 302.	1.6	51
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#	ARTICLE	IF	CITATIONS
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951	Temperate grassland shifted from nitrogen to phosphorus limitation induced by degradation and nitrogen deposition: Evidence from soil extracellular enzyme stoichiometry. <i>Ecological Indicators</i> , 2019, 101, 453-464.	2.6	84
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1066	Impacts of nitrogen addition on plant species richness and abundance: A global meta-analysis. <i>Global Ecology and Biogeography</i> , 2019, 28, 398-413.	2.7	196
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1097	Effect of forest thinning on hydrologic nitrate exports from a N-saturated plantation. <i>Journal of Forestry Research</i> , 2020, 31, 387-395.	1.7	3
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1102	Displacement interference between wild ungulate species: does it occur?. <i>Ethology Ecology and Evolution</i> , 2020, 32, 2-15.	0.6	21
1103	Plant-mediated effects of elevated CO ₂ and rice cultivars on soil carbon dynamics in a paddy soil. <i>New Phytologist</i> , 2020, 225, 2368-2379.	3.5	16
1104	Plant-bacteria-soil response to frequency of simulated nitrogen deposition has implications for global ecosystem change. <i>Functional Ecology</i> , 2020, 34, 723-734.	1.7	16
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#	ARTICLE	IF	CITATIONS
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1175	Belowground-mediated and phase-dependent processes drive nitrogen-evoked community changes in grasslands. <i>Journal of Ecology</i> , 2020, 108, 1874-1887.	1.9	29
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1177	Phosphorus addition increased carbon partitioning to autotrophic respiration but not to biomass production in an experiment with <i>Zea mays</i> . <i>Plant, Cell and Environment</i> , 2020, 43, 2054-2065.	2.8	7
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#	ARTICLE	IF	CITATIONS
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1212	Effects of nitrogen enrichment on soil microbial characteristics: From biomass to enzyme activities. <i>Geoderma</i> , 2020, 366, 114256.	2.3	104
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1229	Uptake of amino acids and inorganic nitrogen by two dominant temperate grasses. <i>Rhizosphere</i> , 2020, 14, 100199.	1.4	17
1230	Nitrous oxide emissions in proportion to nitrification in moist temperate forests. <i>Biogeochemistry</i> , 2020, 148, 223-236.	1.7	6
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1237	Impact of phages on soil bacterial communities and nitrogen availability under different assembly scenarios. <i>Microbiome</i> , 2020, 8, 52.	4.9	82
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#	ARTICLE	IF	CITATIONS
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1240	The response of soil organic carbon to nitrogen-induced multiple ecological attributes. <i>Environment, Development and Sustainability</i> , 2021, 23, 4120-4133.	2.7	1
1241	15N tracer enrichment in response to winter soil temperature manipulation differs between canopy trees and juveniles. <i>Trees - Structure and Function</i> , 2021, 35, 325-331.	0.9	3
1242	Linkage of fine and coarse litter traits to soil microbial characteristics and nitrogen mineralization across topographic positions in a temperate natural forest. <i>Plant and Soil</i> , 2021, 459, 261-276.	1.8	13
1243	Host Identity as a Driver of Moss-Associated N ₂ Fixation Rates in Alaska. <i>Ecosystems</i> , 2021, 24, 530-547.	1.6	24
1244	Does defoliation frequency and severity influence plant productivity? The role of grazing management and soil nutrients. <i>African Journal of Range and Forage Science</i> , 2021, 38, 141-156.	0.6	8
1245	Nitrogen Fixation and Resorption Efficiency Differences Among Twelve Upland and Lowland Switchgrass Cultivars. <i>Phytobiomes Journal</i> , 2021, 5, 97-107.	1.4	12
1246	Increase of soil nitrogen availability and recycling with stand age of Chinese-fir plantations. <i>Forest Ecology and Management</i> , 2021, 480, 118643.	1.4	28
1247	Integrating hyperspectral imaging with machine learning techniques for the high-resolution mapping of soil nitrogen fractions in soil profiles. <i>Science of the Total Environment</i> , 2021, 754, 142135.	3.9	33
1248	Tree species composition and selection effects drive overstory and understory productivity in reforested oil sands mining sites. <i>Land Degradation and Development</i> , 2021, 32, 1135-1147.	1.8	1
1249	Decreased inorganic N supply capacity and turnover in calcareous soil under degraded rubber plantation in the tropical karst region. <i>Geoderma</i> , 2021, 381, 114754.	2.3	25
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1253	Nitrogen-induced acidification plays a vital role driving ecosystem functions: Insights from a 6-year nitrogen enrichment experiment in a Tibetan alpine meadow. <i>Soil Biology and Biochemistry</i> , 2021, 153, 108107.	4.2	31
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1255	The effects of warming on root exudation and associated soil N transformation depend on soil nutrient availability. <i>Rhizosphere</i> , 2021, 17, 100263.	1.4	32
1256	Mature conifers assimilate nitrate as efficiently as ammonium from soils in four forest plantations. <i>New Phytologist</i> , 2021, 229, 3184-3194.	3.5	26

#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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1287	Organic nitrogen nutrition: LHT1.2 protein from hybrid aspen (<i>Populus tremula</i> L. x <i>tremuloides</i>) Tj ETQq1 1 0.784314 rgBT /O 2021, 41, 1479-1496.	1.4	9
1288	Soil Health Management Enhances Microbial Nitrogen Cycling Capacity and Activity. <i>MSphere</i> , 2021, 6, .	1.3	21
1289	Functional shifts of soil microbial communities associated with <i>Alliaria petiolata</i> invasion. <i>Pedobiologia</i> , 2021, 84, 150700.	0.5	15
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#	ARTICLE	IF	CITATIONS
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1322	Linking changes of forage production and digestibility with grassland community assembly under nitrogen enrichment. <i>Ecological Processes</i> , 2021, 10, .	1.6	2
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1331	Alleviation of nutrient co-limitation induces regime shifts in post-fire community composition and productivity in Arctic tundra. <i>Global Change Biology</i> , 2021, 27, 3324-3335.	4.2	13
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#	ARTICLE	IF	CITATIONS
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1337	Land use effects on gross soil nitrogen transformations in karst desertification area. <i>Plant and Soil</i> , 2022, 475, 61-77.	1.8	11
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1342	Nitrogen and phosphorus fertilization consistently favor pathogenic over mutualistic fungi in grassland soils. <i>Nature Communications</i> , 2021, 12, 3484.	5.8	116
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1373	Tussock microhabitats increase nitrogen uptake by plants in an alpine wetland. <i>Plant and Soil</i> , 2021, 466, 569-580.	1.8	4
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1381	Allocation strategies of carbon, nitrogen and phosphorus following a gradient of wildfire severities. <i>Journal of Plant Ecology</i> , 2022, 15, 347-358.	1.2	6
1382	Effect of Environmental Stress on the Nutrient Stoichiometry of the Clonal Plant <i>Phragmites australis</i> in Inland Riparian Wetlands of Northwest China. <i>Frontiers in Plant Science</i> , 2021, 12, 705319.	1.7	7
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#	ARTICLE	IF	CITATIONS
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1703	Physiological and transcriptomic response of <i>Medicago truncatula</i> to colonization by high- or low-benefit arbuscular mycorrhizal fungi. <i>Mycorrhiza</i> , 2022, 32, 281-303.	1.3	12
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1744	Simultaneous measurements of dissolved organic carbon and soil respiration reveal reduced soil carbon loss under nitrogen addition in a montane forest. <i>Journal of Geophysical Research G: Biogeosciences</i> , 0, , .	1.3	0
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1823	Fertilisation and irrigation have no effects on growth of oak (<i>Quercus robur</i> , <i>Q. petraea</i>) stands on abandoned farmland in southwest Sweden. <i>Forest Ecology and Management</i> , 2023, 529, 120700.	1.4	2
1824	Potted-Seedling Machine Transplantation Simultaneously Promotes Rice Yield, Grain Quality, and Lodging Resistance in China: A Meta-Analysis. <i>Agronomy</i> , 2022, 12, 3003.	1.3	1
1825	Aboveground Biomass in China's Managed Grasslands and Their Responses to Environmental and Management Variations. <i>Agronomy</i> , 2022, 12, 2913.	1.3	1
1826	Herbivores drive scarcity of some nitrogen-fixing tropical trees. <i>Nature</i> , 2022, 612, 411-412.	13.7	0
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1848	How do tree species with different successional stages affect soil organic nitrogen transformations?. <i>Geoderma</i> , 2023, 430, 116319.	2.3	4
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1852	Effects of Microplastics Addition on Soil Available Nitrogen in Farmland Soil. <i>Agronomy</i> , 2023, 13, 75.	1.3	1
1853	Implications of plant N/P stoichiometry influenced by arbuscular mycorrhizal fungi for stability of plant species and community in response to nutrient limitation. <i>Oikos</i> , 2023, 2023, .	1.2	1
1854	Plant "soil feedback plays an important role in the progression of plant community succession. <i>Journal of Plant Nutrition and Soil Science</i> , 2023, 186, 169-176.	1.1	1
1855	Functional genomics gives new insights into the ectomycorrhizal degradation of chitin. <i>New Phytologist</i> , 2023, 238, 845-858.	3.5	6
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1866	Influences of plant traits on the retention and redistribution of bioavailable nitrogen within the plant-soil system. <i>Geoderma</i> , 2023, 432, 116380.	2.3	3
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1874	The effect of land-use change on soil C, N, P, and their stoichiometries: A global synthesis. <i>Agriculture, Ecosystems and Environment</i> , 2023, 348, 108402.	2.5	7
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1881	Lower Sensitivity of Soil Carbon and Nitrogen to Regional Temperature Change in Karst Forests Than in Non-Karst Forests. <i>Forests</i> , 2023, 14, 355.	0.9	1
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1883	Intraspecific variations in leaf functional traits of <i>Cunninghamia lanceolata</i> provenances. <i>BMC Plant Biology</i> , 2023, 23, .	1.6	5
1884	Co-limitation of N and P is more prevalent in the Qinghai-Tibetan Plateau grasslands. <i>Frontiers in Plant Science</i> , 0, 14, .	1.7	2
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1887	Impact of different nitrogen additions on microbes and exopolysaccharides excretion in cyanobacterial biocrusts. <i>Plant and Soil</i> , 2023, 487, 229-247.	1.8	0
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1889	Above-ground tree carbon storage in response to nitrogen deposition in the U.S. is heterogeneous and may have weakened. <i>Communications Earth & Environment</i> , 2023, 4, .	2.6	5
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1892	Uncertainty propagation in a global biogeochemical model driven by leaf area data. <i>Frontiers in Ecology and Evolution</i> , 0, 11, .	1.1	0
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1895	No impact of nitrogen fertilization on carbon sequestration in a temperate <i>Pinus densiflora</i> forest. <i>Scientific Reports</i> , 2023, 13, .	1.6	2
1896	What role do dauciform roots play? Responses of <i>Carex filispica</i> to trampling in alpine meadows based on functional traits. <i>Ecology and Evolution</i> , 2023, 13, .	0.8	2
1897	Effects of short-term nitrogen addition on rhizosphere and bulk soil bacterial community structure of three halophytes in the Yellow River Delta. <i>Land Degradation and Development</i> , 0, , .	1.8	2
1898	Shrub encroachment alters plant trait response to nitrogen addition in a semi-arid grassland. <i>Frontiers in Plant Science</i> , 0, 14, .	1.7	2
1899	Effects of Multiple Global Change Factors on Symbiotic and Asymbiotic N ₂ Fixation: Results Based on a Pot Experiment. <i>Nitrogen</i> , 2023, 4, 159-168.	0.6	0
1900	Species differences in stoichiometric homeostasis affect grassland community stability under N and P addition. <i>Environmental Science and Pollution Research</i> , 0, , .	2.7	1
1901	Elevated root zone pH and NaCl leads to decreased foliar nitrogen, chlorophyll, and physiological performance in trembling aspen (<i>Populus tremuloides</i>), green alder (<i>Alnus alnobetula</i>), tamarack (<i>Larix laricina</i>), and white spruce (<i>Picea glauca</i>). <i>Trees - Structure and Function</i> , 0, , .	0.9	0
1902	Grazing weakens N-addition effects on soil greenhouse gas emissions in a semi-arid grassland. <i>Agricultural and Forest Meteorology</i> , 2023, 333, 109423.	1.9	4
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1904	Nitrogen and phosphorous dynamics with stand development of <i>Pinus massoniana</i> plantations in Southeast China. <i>Frontiers in Plant Science</i> , 0, 14, .	1.7	0
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1907	Conservative changes in ecosystem C:N:P stoichiometry are mediated by plant diversity and tree size along a forest succession chronosequence. <i>Biogeochemistry</i> , 0, , .	1.7	0
1908	Shift of root nitrogen-acquisition strategy with tree age is mediated by root functional traits along the collaboration gradient of the root economics space. <i>Tree Physiology</i> , 2023, 43, 1341-1353.	1.4	2
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