

Knute J Nadelhoffer

List of Publications by Year in descending order

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Version: 2024-02-01

153
papers

24,187
citations

13099

68
h-index

11939

134
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155
all docs

155
docs citations

155
times ranked

16091
citing authors

#	ARTICLE	IF	CITATIONS
1	Retention of deposited ammonium and nitrate and its impact on the global forest carbon sink. <i>Nature Communications</i> , 2022, 13, 880.	12.8	55
2	Fire after clear-cut harvesting minimally affects the recovery of ecosystem carbon pools and fluxes in a Great Lakes forest. <i>Forest Ecology and Management</i> , 2022, 519, 120301.	3.2	2
3	Soil organic carbon is not just for soil scientists: measurement recommendations for diverse practitioners. <i>Ecological Applications</i> , 2021, 31, e02290.	3.8	18
4	Old-growth forest carbon sinks overestimated. <i>Nature</i> , 2021, 591, E21-E23.	27.8	65
5	Competing Processes Drive the Resistance of Soil Carbon to Alterations in Organic Inputs. <i>Frontiers in Environmental Science</i> , 2021, 9, .	3.3	11
6	SoDaH: the SOils DA Harmonization database, an open-source synthesis of soil data from research networks, version 1.0. <i>Earth System Science Data</i> , 2021, 13, 1843-1854.	9.9	17
7	Mineral stabilization of soil carbon is suppressed by live roots, outweighing influences from litter quality or quantity. <i>Biogeochemistry</i> , 2021, 154, 433-449.	3.5	20
8	Disturbance-accelerated succession increases the production of a temperate forest. <i>Ecological Applications</i> , 2021, 31, e02417.	3.8	15
9	Isotopic composition of mercury deposited via snow into mid-latitude ecosystems. <i>Science of the Total Environment</i> , 2021, 784, 147252.	8.0	5
10	Root control of fungal communities and soil carbon stocks in a temperate forest. <i>Soil Biology and Biochemistry</i> , 2021, 161, 108390.	8.8	14
11	Carbon budget of the Harvard Forest Long-Term Ecological Research site: pattern, process, and response to global change. <i>Ecological Monographs</i> , 2020, 90, e01423.	5.4	67
12	Deer browsing effects on temperate forest soil nitrogen cycling shift from positive to negative across fertility gradients. <i>Canadian Journal of Forest Research</i> , 2020, 50, 1281-1288.	1.7	5
13	Stand age, disturbance history and the temporal stability of forest production. <i>Forest Ecology and Management</i> , 2020, 460, 117865.	3.2	24
14	Decadal post-fire succession of soil invertebrate communities is dependent on the soil surface properties in a northern temperate forest. <i>Science of the Total Environment</i> , 2019, 647, 1058-1068.	8.0	20
15	Defining a spectrum of integrative trait-based vegetation canopy structural types. <i>Ecology Letters</i> , 2019, 22, 2049-2059.	6.4	52
16	Decadal fates and impacts of nitrogen additions on temperate forest carbon storage: a data-model comparison. <i>Biogeosciences</i> , 2019, 16, 2771-2793.	3.3	10
17	Multidecadal trajectories of soil chemistry and nutrient availability following cutting vs. burning disturbances in Upper Great Lakes forests. <i>Canadian Journal of Forest Research</i> , 2019, 49, 731-742.	1.7	6
18	Exploring the role of ectomycorrhizal fungi in soil carbon dynamics. <i>New Phytologist</i> , 2019, 223, 33-39.	7.3	147

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19	Tree taxa and pyrolysis temperature interact to control pyrogenic organic matter induced native soil organic carbon priming. <i>Soil Biology and Biochemistry</i> , 2018, 119, 174-183.	8.8	7
20	Nitrate is an important nitrogen source for Arctic tundra plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3398-3403.	7.1	102
21	Interacting Controls of Pyrolysis Temperature and Plant Taxa on the Degradability of PyOM in Fire-Prone Northern Temperate Forest Soil. <i>Soil Systems</i> , 2018, 2, 48.	2.6	9
22	Molecular-level changes in soil organic matter composition after 10 years of litter, root and nitrogen manipulation in a temperate forest. <i>Biogeochemistry</i> , 2018, 141, 183-197.	3.5	19
23	The detrital input and removal treatment (DIRT) network: Insights into soil carbon stabilization. <i>Science of the Total Environment</i> , 2018, 640-641, 1112-1120.	8.0	97
24	Effects of canopy structure and species diversity on primary production in upper Great Lakes forests. <i>Oecologia</i> , 2018, 188, 405-415.	2.0	29
25	Impacts of experimentally accelerated forest succession on belowground plant and fungal communities. <i>Soil Biology and Biochemistry</i> , 2018, 125, 44-53.	8.8	4
26	What's to do?. <i>Biogeochemistry</i> , 2017, 134, 1-3.	3.5	2
27	Physiographic factors underlie rates of biomass production during succession in Great Lakes forest landscapes. <i>Forest Ecology and Management</i> , 2017, 397, 157-173.	3.2	20
28	Research Article: Soil respiration in upper Great Lakes old-growth forest ecosystems. <i>Bios</i> , 2017, 88, 105-115.	0.0	3
29	The Detrital Input and Removal Treatment (DIRT) Network. , 2017, , .		4
30	Rapid fine root C and N mineralization in a northern temperate forest soil. <i>Biogeochemistry</i> , 2016, 128, 187-200.	3.5	17
31	Tree taxa and pyrolysis temperature interact to control the efficacy of pyrogenic organic matter formation. <i>Biogeochemistry</i> , 2016, 130, 103-116.	3.5	22
32	Using satellite-derived optical thickness to assess the influence of clouds on terrestrial carbon uptake. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 1747-1761.	3.0	17
33	Long-term doubling of litter inputs accelerates soil organic matter degradation and reduces soil carbon stocks. <i>Biogeochemistry</i> , 2016, 127, 1-14.	3.5	71
34	Validation of an agroecosystem process model (AGRO-BGC) on annual and perennial bioenergy feedstocks. <i>Ecological Modelling</i> , 2016, 321, 23-34.	2.5	3
35	Exotic earthworm community composition interacts with soil texture to affect redistribution and retention of litter-derived C and N in northern temperate forest soils. <i>Biogeochemistry</i> , 2015, 126, 379-395.	3.5	22
36	Isotopic study of mercury sources and transfer between a freshwater lake and adjacent forest food web. <i>Science of the Total Environment</i> , 2015, 532, 220-229.	8.0	64

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37	Variations in the influence of diffuse light on gross primary productivity in temperate ecosystems. <i>Agricultural and Forest Meteorology</i> , 2015, 201, 98-110.	4.8	114
38	Effects and Empirical Critical Loads of Nitrogen for Ecoregions of the United States. <i>Environmental Pollution</i> , 2015, , 129-169.	0.4	3
39	Litter and Root Manipulations Provide Insights into Soil Organic Matter Dynamics and Stability. <i>Soil Science Society of America Journal</i> , 2014, 78, S261.	2.2	103
40	Litter Input Controls on Soil Carbon in a Temperate Deciduous Forest. <i>Soil Science Society of America Journal</i> , 2014, 78, S66.	2.2	78
41	Changes in soil nitrogen cycling in a northern temperate forest ecosystem during succession. <i>Biogeochemistry</i> , 2014, 121, 471-488.	3.5	19
42	Hydraulic "Fracking": Are surface water impacts an ecological concern?. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 1679-1689.	4.3	80
43	Chronic nitrogen additions suppress decomposition and sequester soil carbon in temperate forests. <i>Biogeochemistry</i> , 2014, 121, 305-316.	3.5	302
44	Changes to particulate versus mineral-associated soil carbon after 50 years of litter manipulation in forest and prairie experimental ecosystems. <i>Biogeochemistry</i> , 2014, 119, 341-360.	3.5	99
45	Historical patterns of exotic earthworm distributions inform contemporary associations with soil physical and chemical factors across a northern temperate forest. <i>Soil Biology and Biochemistry</i> , 2014, 68, 503-514.	8.8	40
46	Terrestrial Ecosystems at Toolik Lake, Alaska. , 2014, , 90-142.		29
47	The impacts of climate change on ecosystem structure and function. <i>Frontiers in Ecology and the Environment</i> , 2013, 11, 474-482.	4.0	433
48	Nitrogen Uptake by Trees and Mycorrhizal Fungi in a Successional Northern Temperate Forest: Insights from Multiple Isotopic Methods. <i>Ecosystems</i> , 2013, 16, 590-603.	3.4	18
49	Sustained carbon uptake and storage following moderate disturbance in a Great Lakes forest. <i>Ecological Applications</i> , 2013, 23, 1202-1215.	3.8	137
50	Community-specific impacts of exotic earthworm invasions on soil carbon dynamics in a sandy temperate forest. <i>Ecology</i> , 2013, 94, 2827-2837.	3.2	30
51	Soil respiration in a northeastern US temperate forest: a 22-year synthesis. <i>Ecosphere</i> , 2013, 4, 1-28.	2.2	83
52	Afforestation Effects on Soil Carbon Storage in the United States: A Synthesis. <i>Soil Science Society of America Journal</i> , 2013, 77, 1035-1047.	2.2	109
53	Sinks for nitrogen inputs in terrestrial ecosystems: a meta-analysis of ¹⁵ N tracer field studies. <i>Ecology</i> , 2012, 93, 1816-1829.	3.2	192
54	Disturbance and the resilience of coupled carbon and nitrogen cycling in a north temperate forest. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	108

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55	Effects of nitrogen deposition and empirical nitrogen critical loads for ecoregions of the United States. , 2011, 21, 3049-3082.		373
56	Nitrogen dynamics in a small arctic watershed: retention and downhill movement of ¹⁵ N. Ecological Monographs, 2010, 80, 331-351.	5.4	41
57	Using Nitrogen Isotope Ratios to Assess Terrestrial Ecosystems at Regional and Global Scales. , 2010, , 221-249.		58
58	Climate change impacts on terrestrial ecosystems in metropolitan Chicago and its surrounding, multi-state region. Journal of Great Lakes Research, 2010, 36, 74-85.	1.9	18
59	The changing landscape: ecosystem responses to urbanization and pollution across climatic and societal gradients. Frontiers in Ecology and the Environment, 2008, 6, 264-272.	4.0	597
60	Living in an increasingly connected world: a framework for continental-scale environmental science. Frontiers in Ecology and the Environment, 2008, 6, 229-237.	4.0	157
61	The Impacts of Nitrogen Deposition on Forest Ecosystems. , 2008, , 463-482.		4
62	Climate and species affect fine root production with long-term fertilization in acidic tussock tundra near Toolik Lake, Alaska. Oecologia, 2007, 153, 643-652.	2.0	87
63	Atmospheric Nitrogen Deposition: Implications for Terrestrial Ecosystem Structure and Functioning. , 2007, , 77-95.		2
64	Carbon turnover in Alaskan tundra soils: effects of organic matter quality, temperature, moisture and fertilizer. Journal of Ecology, 2006, 94, 740-753.	4.0	137
65	Regional Assessment of N Saturation using Foliar and Root $\delta^{15}\text{N}$. Biogeochemistry, 2006, 80, 143-171.	3.5	172
66	Carbon cycling in soil. Frontiers in Ecology and the Environment, 2004, 2, 522-528.	4.0	111
67	Detritus, trophic dynamics and biodiversity. Ecology Letters, 2004, 7, 584-600.	6.4	948
68	Seasonal dynamics of leaf- and root-derived C in arctic tundra mesocosms. Soil Biology and Biochemistry, 2004, 36, 655-666.	8.8	56
69	Decomposing litter as a sink for ¹⁵ N-enriched additions to an oak forest and a red pine plantation. Forest Ecology and Management, 2004, 196, 71-87.	3.2	52
70	Decadal-scale fates of tracers added to oak and pine stands under ambient and elevated N inputs at the Harvard Forest (USA). Forest Ecology and Management, 2004, 196, 89-107.	3.2	129
71	Redistributions of highlight turnover and replenishment of mineral soil organic N as a long-term control on forest C balance. Forest Ecology and Management, 2004, 196, 109-127.	3.2	46
72	Ecosystem response to 15 years of chronic nitrogen additions at the Harvard Forest LTER, Massachusetts, USA. Forest Ecology and Management, 2004, 196, 7-28.	3.2	387

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73	Carbon Cycling in Soil. <i>Frontiers in Ecology and the Environment</i> , 2004, 2, 522.	4.0	4
74	Natural ¹⁵ N Abundance of Plants and Soil N in a Temperate Coniferous Forest. <i>Ecosystems</i> , 2003, 6, 457-469.	3.4	75
75	Pulse-labeling studies of carbon cycling in Arctic tundra ecosystems: The contribution of photosynthates to methane emission. <i>Global Biogeochemical Cycles</i> , 2002, 16, 10-1-10-8.	4.9	61
76	Pulse-labeling studies of carbon cycling in arctic tundra ecosystems: Contribution of photosynthates to soil organic matter. <i>Global Biogeochemical Cycles</i> , 2002, 16, 48-1-48-8.	4.9	24
77	The Imprint of Land-use History: Patterns of Carbon and Nitrogen in Downed Woody Debris at the Harvard Forest. <i>Ecosystems</i> , 2002, 5, 446-460.	3.4	69
78	Resource-based niches provide a basis for plant species diversity and dominance in arctic tundra. <i>Nature</i> , 2002, 415, 68-71.	27.8	749
79	Long-term movement of ¹⁵ N tracers into fine woody debris under chronically elevated N inputs. <i>Plant and Soil</i> , 2002, 238, 313-323.	3.7	9
80	Title is missing!. <i>Biogeochemistry</i> , 2002, 57, 171-197.	3.5	396
81	Title is missing!. <i>Biogeochemistry</i> , 2002, 57, 267-293.	3.5	298
82	Title is missing!. <i>Biogeochemistry</i> , 2002, 57, 239-266.	3.5	50
83	Title is missing!. <i>Plant and Soil</i> , 2002, 242, 107-113.	3.7	37
84	A synthesis: The role of nutrients as constraints on carbon balances in boreal and arctic regions. <i>Plant and Soil</i> , 2002, 242, 163-170.	3.7	232
85	Forest nitrogen sinks in large eastern U.S. watersheds: estimates from forest inventory and an ecosystem model. , 2002, , 239-266.		0
86	Plant Carbon-Nutrient Interactions Control CO ₂ Exchange in Alaskan Wet Sedge Tundra Ecosystems. <i>Ecology</i> , 2000, 81, 453.	3.2	5
87	The potential effects of nitrogen deposition on fine-root production in forest ecosystems. <i>New Phytologist</i> , 2000, 147, 131-139.	7.3	334
88	Nitrogen Controls on Fine Root Substrate Quality in Temperate Forest Ecosystems. <i>Ecosystems</i> , 2000, 3, 57-69.	3.4	77
89	Long-Term Nitrogen Additions and Nitrogen Saturation in Two Temperate Forests. <i>Ecosystems</i> , 2000, 3, 238-253.	3.4	301
90	PLANT CARBON–NUTRIENT INTERACTIONS CONTROL CO ₂ EXCHANGE IN ALASKAN WET SEDGE TUNDRA ECOSYSTEMS. <i>Ecology</i> , 2000, 81, 453-469.	3.2	105

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91	SOIL DETRITAL PROCESSES CONTROLLING THE MOVEMENT OF ¹⁵ N TRACERS TO FOREST VEGETATION. , 1999, 9, 87-102.		24
92	SINKS FOR ¹⁵ N-ENRICHED ADDITIONS TO AN OAK FOREST AND A RED PINE PLANTATION. , 1999, 9, 72-86.		167
93	A Revised Assessment of Species Redundancy and Ecosystem Reliability. Conservation Biology, 1999, 13, 440-443.	4.7	24
94	Nitrogen deposition makes a minor contribution to carbon sequestration in temperate forests. Nature, 1999, 398, 145-148.	27.8	676
95	Nitrogen deposition and carbon sequestration. Nature, 1999, 400, 630-630.	27.8	2
96	Title is missing!. Environmental Monitoring and Assessment, 1999, 55, 165-185.	2.7	28
97	Controls on N Retention and Exports in a Forested Watershed. Environmental Monitoring and Assessment, 1999, 55, 187-210.	2.7	53
98	Routine Measurement of Dissolved Inorganic ¹⁵ N in Precipitation and Streamwater. Environmental Monitoring and Assessment, 1999, 55, 211-220.	2.7	25
99	Original Articles: Dynamic Redistribution of Isotopically Labeled Cohorts of Nitrogen Inputs in Two Temperate Forests. Ecosystems, 1999, 2, 4-18.	3.4	49
100	EFFECTS OF CHRONIC NITROGEN ADDITIONS ON UNDERSTORY SPECIES IN A RED PINE PLANTATION. , 1999, 9, 949-957.		41
101	Soil Detrital Processes Controlling the Movement of ¹⁵ N Tracers to Forest Vegetation. , 1999, 9, 87.		1
102	Controls on N Retention and Exports in a Forested Watershed. , 1999, , 187-210.		8
103	Effects of Chronic Nitrogen Additions on Understory Species in a Red Pine Plantation. , 1999, 9, 949.		2
104	Mineral Soil and Solution Responses to Experimental N and S Enrichment at the Bear Brook Watershed in Maine (BBWM). , 1999, , 165-185.		0
105	Routine Measurement of Dissolved Inorganic ¹⁵ N in Precipitation and Streamwater. , 1999, , 211-220.		4
106	Roots exert a strong influence on the temperature sensitivity of soil respiration. Nature, 1998, 396, 570-572.	27.8	817
107	Nitrogen Saturation in Temperate Forest Ecosystems. BioScience, 1998, 48, 921-934.	4.9	1,630
108	BIOMASS AND CO ₂ FLUX IN WET SEDGE TUNDRAS: RESPONSES TO NUTRIENTS, TEMPERATURE, AND LIGHT. Ecological Monographs, 1998, 68, 75-97.	5.4	100

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109	A GLOBAL TREND IN BELOWGROUND CARBON ALLOCATION: COMMENT. <i>Ecology</i> , 1998, 79, 1822-1825.	3.2	18
110	A Global Trend in Belowground Carbon Allocation: Comment. <i>Ecology</i> , 1998, 79, 1822.	3.2	1
111	Nitrogen Cyclic in Forest and Grass Ecosystems Irrigated with 15 N-Enriched Wastewater. , 1997, 7, 864.		1
112	NITROGEN CYCLING IN FOREST AND GRASS ECOSYSTEMS IRRIGATED WITH 15N-ENRICHED WASTEWATER. , 1997, 7, 864-881.		24
113	CLIMATIC EFFECTS ON TUNDRA CARBON STORAGE INFERRED FROM EXPERIMENTAL DATA AND A MODEL. <i>Ecology</i> , 1997, 78, 1170-1187.	3.2	147
114	RECONSTRUCTION AND ANALYSIS OF HISTORICAL CHANGES IN CARBON STORAGE IN ARCTIC TUNDRA. <i>Ecology</i> , 1997, 78, 1188-1198.	3.2	66
115	A 15 N tracer technique for assessing fine root production and mortality. <i>Oecologia</i> , 1997, 112, 300-304.	2.0	20
116	Potential Impacts of Climate Change on Nutrient Cycling, Decomposition, and Productivity in Arctic Ecosystems. <i>Ecological Studies</i> , 1997, , 349-364.	1.2	30
117	Analysis of CO ₂ , Temperature, and Moisture Effects on Carbon Storage in Alaskan Arctic Tundra Using a General Ecosystem Model. <i>Ecological Studies</i> , 1997, , 437-451.	1.2	19
118	Climatic Effects on Tundra Carbon Storage Inferred From Experimental Data and a Model. <i>Ecology</i> , 1997, 78, 1170.	3.2	3
119	Forest ecosystem response to four years of chronic nitrate and sulfate additions at Bear Brooks Watershed, Maine, USA. <i>Forest Ecology and Management</i> , 1996, 84, 29-37.	3.2	92
120	Effects of drainage and temperature on carbon balance of tussock tundra microcosms. <i>Oecologia</i> , 1996, 108, 737-748.	2.0	99
121	Experimental Soil Acidification and Recovery at the Bear Brook Watershed in Maine. <i>Soil Science Society of America Journal</i> , 1996, 60, 1933-1943.	2.2	45
122	Changes in Live Plant Biomass, Primary Production, and Species Composition along a Riverside Toposequence in Arctic Alaska, U.S.A.. <i>Arctic and Alpine Research</i> , 1996, 28, 363.	1.3	67
123	15N natural abundances and N use by tundra plants. <i>Oecologia</i> , 1996, 107, 386-394.	2.0	295
124	Immobilization of a 15N-labeled nitrate addition by decomposing forest litter. <i>Oecologia</i> , 1996, 105, 141-150.	2.0	71
125	Modelling the soil-plant-atmosphere continuum in a <i>Quercus-Acer</i> stand at Harvard Forest: the regulation of stomatal conductance by light, nitrogen and soil/plant hydraulic properties. <i>Plant, Cell and Environment</i> , 1996, 19, 911-927.	5.7	510
126	The fate of 15N-labelled nitrate additions to a northern hardwood forest in eastern Maine, USA. <i>Oecologia</i> , 1995, 103, 292-301.	2.0	134

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127	Forest biogeochemistry and primary production altered by nitrogen saturation. <i>Water, Air, and Soil Pollution</i> , 1995, 85, 1665-1670.	2.4	210
128	Responses of Arctic Tundra to Experimental and Observed Changes in Climate. <i>Ecology</i> , 1995, 76, 694-711.	3.2	1,168
129	Response of Buried Mineral Soil Bags to Experimental Acidification of Forest Ecosystem. <i>Soil Science Society of America Journal</i> , 1994, 58, 556-563.	2.2	15
130	Measuring Nutrient Availability in Arctic Soils Using Ion Exchange Resins: A Field Test. <i>Soil Science Society of America Journal</i> , 1994, 58, 1154-1162.	2.2	123
131	Foliar and fine root nitrate reductase activity in seedlings of four forest tree species in relation to nitrogen availability. <i>Trees - Structure and Function</i> , 1993, 7, 233.	1.9	76
132	Assessing the role of fine roots in carbon and nutrient cycling. <i>Trends in Ecology and Evolution</i> , 1993, 8, 174-178.	8.7	187
133	Contributions of aboveground litter, belowground litter, and root respiration to total soil respiration in a temperate mixed hardwood forest. <i>Canadian Journal of Forest Research</i> , 1993, 23, 1402-1407.	1.7	378
134	Experimental inducement of nitrogen saturation at the watershed scale. <i>Environmental Science & Technology</i> , 1993, 27, 565-568.	10.0	138
135	Fine Root Production Estimates and Belowground Carbon Allocation in Forest Ecosystems. <i>Ecology</i> , 1992, 73, 1139-1147.	3.2	407
136	Global Change and the Carbon Balance of Arctic Ecosystems. <i>BioScience</i> , 1992, 42, 433-441.	4.9	416
137	Microbial Processes and Plant Nutrient Availability in Arctic Soils. , 1992, , 281-300.		168
138	Determination of nitrogen, lignin, and cellulose content of decomposing leaf material by near infrared reflectance spectroscopy. <i>Canadian Journal of Forest Research</i> , 1991, 21, 1684-1688.	1.7	140
139	Comparison of wet chemistry and near infrared reflectance measurements of carbon-fraction chemistry and nitrogen concentration of forest foliage. <i>Canadian Journal of Forest Research</i> , 1991, 21, 1689-1693.	1.7	109
140	Biogeochemical Diversity Along a Riverside Toposequence in Arctic Alaska. <i>Ecological Monographs</i> , 1991, 61, 415-435.	5.4	366
141	A general biogeochemical model describing the responses of the C and N cycles in terrestrial ecosystems to changes in CO ₂ , climate, and N deposition. <i>Tree Physiology</i> , 1991, 9, 101-126.	3.1	299
142	Effects of Temperature and Substrate Quality on Element Mineralization in Six Arctic Soils. <i>Ecology</i> , 1991, 72, 242-253.	3.2	557
143	Factors Controlling Nitrogen Cycling and Nitrogen Saturation in Northern Temperate Forest Ecosystems. , 1991, 1, 303-315.		157
144	Biogeochemical Diversity and Element Transport in a Heterogeneous Landscape, the North Slope of Alaska. <i>Ecological Studies</i> , 1991, , 105-125.	1.2	51

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145	Microlysimeter for Measuring Nitrogen Mineralization and Microbial Respiration in Aerobic Soil Incubations. <i>Soil Science Society of America Journal</i> , 1990, 54, 411-415.	2.2	111
146	Carbon and nitrogen dynamics along the decay continuum: Plant litter to soil organic matter. <i>Plant and Soil</i> , 1989, 115, 189-198.	3.7	605
147	Nitrogen Saturation in Northern Forest Ecosystems. <i>BioScience</i> , 1989, 39, 378-386.	4.9	2,074
148	Belowground Carbon Allocation in Forest Ecosystems: Global Trends. <i>Ecology</i> , 1989, 70, 1346-1354.	3.2	654
149	Nitrogen availability in some Wisconsin forests: comparisons of resin bags and on-site incubations. <i>Biology and Fertility of Soils</i> , 1986, 2, 77.	4.3	80
150	Fine root turnover in forest ecosystems in relation to quantity and form of nitrogen availability: a comparison of two methods. <i>Oecologia</i> , 1985, 66, 317-321.	2.0	345
151	Fine Roots, Net Primary Production, and Soil Nitrogen Availability: A New Hypothesis. <i>Ecology</i> , 1985, 66, 1377-1390.	3.2	451
152	Seasonal patterns of ammonium and nitrate uptake in nine temperate forest ecosystems. <i>Plant and Soil</i> , 1984, 80, 321-335.	3.7	174
153	Leaf-litter production and soil organic matter dynamics along a nitrogen-availability gradient in Southern Wisconsin (U.S.A.). <i>Canadian Journal of Forest Research</i> , 1983, 13, 12-21.	1.7	191