

Peter M Groffman

List of Publications by Year in descending order

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Version: 2024-02-01

321
papers

33,150
citations

³⁵³¹
90
h-index

⁴⁹⁹¹
167
g-index

361
all docs

361
docs citations

361
times ranked

23129
citing authors

#	ARTICLE	IF	CITATIONS
1	Ambiguity and clarity in residential yard ordinances across metropolitan areas in the United States. <i>Journal of Urban Affairs</i> , 2023, 45, 1022-1039.	1.7	3
2	Microbial biomass in forest soils under altered moisture conditions: A review. <i>Soil Science Society of America Journal</i> , 2022, 86, 358-368.	2.2	5
3	Nitrogen cycling and urban afforestation success in New York City. <i>Ecological Applications</i> , 2022, 32, e2535.	3.8	2
4	Nitrification and denitrification in the Community Land Model compared to observations at Hubbard Brook Forest. <i>Ecological Applications</i> , 2022, , e2530.	3.8	3
5	Examining the potential to expand wildlife-supporting residential yards and gardens. <i>Landscape and Urban Planning</i> , 2022, 222, 104396.	7.5	17
6	Evidence, causes, and consequences of declining nitrogen availability in terrestrial ecosystems. <i>Science</i> , 2022, 376, eabh3767.	12.6	100
7	Spatial asynchrony in environmental and economic benefits of stream restoration. <i>Environmental Research Letters</i> , 2022, 17, 054004.	5.2	1
8	A social-ecological-technological systems framework for urban ecosystem services. <i>One Earth</i> , 2022, 5, 505-518.	6.8	77
9	Explanations for nitrogen decline—Response. <i>Science</i> , 2022, 376, 1170-1170.	12.6	2
10	Watershed studies at the Hubbard Brook Experimental Forest: Building on a long legacy of research with new approaches and sources of data. <i>Hydrological Processes</i> , 2021, 35, .	2.6	10
11	A landscape approach to nitrogen cycling in urban lawns reveals the interaction between topography and human behaviors. <i>Biogeochemistry</i> , 2021, 152, 73-92.	3.5	5
12	Evolving Governance in the U.S. Long Term Ecological Research Network. <i>Archimedes</i> , 2021, , 423-444.	0.3	0
13	Applying a novel systems approach to address systemic environmental injustices. <i>Elementa</i> , 2021, 9, .	3.2	2
14	Increased carbon capture by a silicate-treated forested watershed affected by acid deposition. <i>Biogeosciences</i> , 2021, 18, 169-188.	3.3	35
15	Tracing carbon flow through a sugar maple forest and its soil components: role of invasive earthworms. <i>Plant and Soil</i> , 2021, 464, 517-537.	3.7	5
16	Potential ecological impacts of climate intervention by reflecting sunlight to cool Earth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	46
17	Connectivity: insights from the U.S. Long Term Ecological Research Network. <i>Ecosphere</i> , 2021, 12, e03432.	2.2	4
18	Time lags: insights from the U.S. Long Term Ecological Research Network. <i>Ecosphere</i> , 2021, 12, e03431.	2.2	16

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19	Evaluating Instream Restoration Effectiveness in Reducing Nitrogen Export from an Urban Catchment with a Data-Model Approach. <i>Journal of the American Water Resources Association</i> , 2021, 57, 449-473.	2.4	6
20	Resilience: insights from the U.S. Long-Term Ecological Research Network. <i>Ecosphere</i> , 2021, 12, e03434.	2.2	11
21	Ideas and perspectives: Biogeochemistry – some key foci for the future. <i>Biogeosciences</i> , 2021, 18, 3005-3013.	3.3	8
22	State changes: insights from the U.S. Long Term Ecological Research Network. <i>Ecosphere</i> , 2021, 12, e03433.	2.2	6
23	Cascading effects: insights from the U.S. Long Term Ecological Research Network. <i>Ecosphere</i> , 2021, 12, e03430.	2.2	8
24	Fine-scale soil heterogeneity at an urban site: implications for forest restoration. <i>Restoration Ecology</i> , 2021, 29, e13409.	2.9	2
25	Drivers of Hot Spots and Hot Moments of Denitrification in Agricultural Systems. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2020JG006234.	3.0	12
26	Draining the Landscape: How Do Nitrogen Concentrations in Riparian Groundwater and Stream Water Change Following Milldam Removal?. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2021JG006444.	3.0	13
27	Residential yard management and landscape cover affect urban bird community diversity across the continental USA. <i>Ecological Applications</i> , 2021, 31, e02455.	3.8	35
28	Interacting drivers and their tradeoffs for predicting denitrification potential across a strong urban to rural gradient within heterogeneous landscapes. <i>Journal of Environmental Management</i> , 2021, 294, 113021.	7.8	4
29	Soil carbon sequestration in urban afforestation sites in New York City. <i>Urban Forestry and Urban Greening</i> , 2021, 65, 127342.	5.3	8
30	Patterns and trends of organic matter processing and transport: Insights from the US long-term ecological research network. <i>Climate Change Ecology</i> , 2021, 2, 100025.	1.9	3
31	Improving the social cost of nitrous oxide. <i>Nature Climate Change</i> , 2021, 11, 1008-1010.	18.8	16
32	Urban soil carbon and nitrogen converge at a continental scale. <i>Ecological Monographs</i> , 2020, 90, e01401.	5.4	32
33	Linking yard plant diversity to homeowners' landscaping priorities across the U.S. <i>Landscape and Urban Planning</i> , 2020, 196, 103730.	7.5	23
34	Ecosystem Nitrogen Response to a Simulated Ice Storm in a Northern Hardwood Forest. <i>Ecosystems</i> , 2020, 23, 1186-1205.	3.4	4
35	The state factor model and urban forest restoration. <i>Journal of Urban Ecology</i> , 2020, 6, .	1.5	6
36	The limits of lead (Pb) phytoextraction and possibilities of phytostabilization in contaminated soil: a critical review. <i>International Journal of Phytoremediation</i> , 2020, 22, 916-930.	3.1	42

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37	Snowpack affects soil microclimate throughout the year. <i>Climatic Change</i> , 2020, 163, 705-722.	3.6	9
38	Municipal regulation of residential landscapes across US cities: Patterns and implications for landscape sustainability. <i>Journal of Environmental Management</i> , 2020, 275, 111132.	7.8	34
39	Soil Microbes Trade-Off Biogeochemical Cycling for Stress Tolerance Traits in Response to Year-Round Climate Change. <i>Frontiers in Microbiology</i> , 2020, 11, 616.	3.5	41
40	Remediation of an urban garden with elevated levels of soil contamination. <i>Science of the Total Environment</i> , 2020, 722, 137965.	8.0	31
41	Taxonomic, phylogenetic, and functional composition and homogenization of residential yard vegetation with contrasting management. <i>Landscape and Urban Planning</i> , 2020, 202, 103877.	7.5	19
42	How the Nonhuman World Influences Homeowner Yard Management in the American Residential Macrosystem. <i>Human Ecology</i> , 2020, 48, 347-356.	1.4	6
43	Theoretical Perspectives of the Baltimore Ecosystem Study: Conceptual Evolution in a Socialâ€œEcological Research Project. <i>BioScience</i> , 2020, 70, 297-314.	4.9	20
44	Long-Term Ecological Research and Evolving Frameworks of Disturbance Ecology. <i>BioScience</i> , 2020, 70, 141-156.	4.9	37
45	Experimental approach and initial forest response to a simulated ice storm experiment in a northern hardwood forest. <i>PLoS ONE</i> , 2020, 15, e0239619.	2.5	8
46	Using constructed soils for green infrastructure â€œ challenges and limitations. <i>Soil</i> , 2020, 6, 413-434.	4.9	36
47	Changes in longâ€œterm water quality of Baltimore streams are associated with both gray and green infrastructure. <i>Limnology and Oceanography</i> , 2019, 64, S60.	3.1	22
48	Leveraging Environmental Research and Observation Networks to Advance Soil Carbon Science. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 1047-1055.	3.0	24
49	Effects of Changes in Nitrogen Availability on Nitrogen Gas Emissions in a Tropical Forest During a Drought. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 2917-2926.	3.0	5
50	Changes in vegetation structure and composition of urban and rural forest patches in Baltimore from 1998 to 2015. <i>Forest Ecology and Management</i> , 2019, 454, 117665.	3.2	21
51	Residential household yard care practices along urban-exurban gradients in six climatically-diverse U.S. metropolitan areas. <i>PLoS ONE</i> , 2019, 14, e0222630.	2.5	19
52	Sideâ€œswiped: ecological cascades emanating from earthworm invasions. <i>Frontiers in Ecology and the Environment</i> , 2019, 17, 502-510.	4.0	60
53	Using metagenomics to reveal landscape scale patterns of denitrifiers in a montane forest ecosystem. <i>Soil Biology and Biochemistry</i> , 2019, 138, 107585.	8.8	16
54	Seeing the light: urban stream restoration affects stream metabolism and nitrate uptake via changes in canopy cover. <i>Ecological Applications</i> , 2019, 29, e01941.	3.8	21

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55	Green Infrastructure Design Influences Communities of Urban Soil Bacteria. <i>Frontiers in Microbiology</i> , 2019, 10, 982.	3.5	36
56	Contribution of non-native plants to the phylogenetic homogenization of U.S. yard floras. <i>Ecosphere</i> , 2019, 10, e02638.	2.2	24
57	Roots Mediate the Effects of Snowpack Decline on Soil Bacteria, Fungi, and Nitrogen Cycling in a Northern Hardwood Forest. <i>Frontiers in Microbiology</i> , 2019, 10, 926.	3.5	9
58	Climate and lawn management interact to control C4 plant distribution in residential lawns across seven U.S. cities. <i>Ecological Applications</i> , 2019, 29, e01884.	3.8	8
59	Short-term precipitation pulses stimulate soil CO ₂ emission but do not alter CH ₄ and N ₂ O fluxes in a northern hardwood forest. <i>Soil Biology and Biochemistry</i> , 2019, 130, 8-11.	8.8	24
60	Drivers of plant species richness and phylogenetic composition in urban yards at the continental scale. <i>Landscape Ecology</i> , 2019, 34, 63-77.	4.2	31
61	Controls on denitrification potential in nitrate-rich waterways and riparian zones of an irrigated agricultural setting. <i>Ecological Applications</i> , 2018, 28, 1055-1067.	3.8	15
62	Constructed soils for mitigating lead (Pb) exposure and promoting urban community gardening: The New York City Clean Soil Bank pilot study. <i>Landscape and Urban Planning</i> , 2018, 175, 184-194.	7.5	41
63	Homogenization of plant diversity, composition, and structure in North American urban yards. <i>Ecosphere</i> , 2018, 9, e02105.	2.2	68
64	Soil amendments promote denitrification in restored wetlands. <i>Restoration Ecology</i> , 2018, 26, 294-302.	2.9	5
65	Crab Burrowing Limits Surface Litter Accumulation in a Temperate Salt Marsh: Implications for Ecosystem Functioning and Connectivity. <i>Ecosystems</i> , 2018, 21, 1000-1012.	3.4	10
66	Variability of Bioaccessible Lead in Urban Garden Soils. <i>Soil Science</i> , 2018, 183, 123-131.	0.9	12
67	Nitrogen regulation by natural systems in "unnatural" landscapes: denitrification in ultra-urban coastal ecosystems. <i>Ecosystem Health and Sustainability</i> , 2018, 4, 205-224.	3.1	14
68	Soil and microbial properties of green infrastructure stormwater management systems. <i>Ecological Engineering</i> , 2018, 125, 68-75.	3.6	34
69	Steady-State Land Cover but Non-Steady-State Major Ion Chemistry in Urban Streams. <i>Environmental Science & Technology</i> , 2018, 52, 13015-13026.	10.0	31
70	Nitrogen oligotrophication in northern hardwood forests. <i>Biogeochemistry</i> , 2018, 141, 523-539.	3.5	80
71	Guidelines and considerations for designing field experiments simulating precipitation extremes in forest ecosystems. <i>Methods in Ecology and Evolution</i> , 2018, 9, 2310-2325.	5.2	24
72	Steering operational synergies in terrestrial observation networks: opportunity for advancing Earth system dynamics modelling. <i>Earth System Dynamics</i> , 2018, 9, 593-609.	7.1	28

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73	Accumulation of arsenic and lead in garden-grown vegetables: Factors and mitigation strategies. <i>Science of the Total Environment</i> , 2018, 640-641, 273-283.	8.0	55
74	A multi-city comparison of front and backyard differences in plant species diversity and nitrogen cycling in residential landscapes. <i>Landscape and Urban Planning</i> , 2018, 178, 102-111.	7.5	20
75	Sediment chemistry of urban stormwater ponds and controls on denitrification. <i>Ecosphere</i> , 2018, 9, e02318.	2.2	22
76	Declines in methane uptake in forest soils. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8587-8590.	7.1	85
77	Social Norms, Yard Care, and the Difference between Front and Back Yard Management: Examining the Landscape Mullets Concept on Urban Residential Lands. <i>Society and Natural Resources</i> , 2018, 31, 1169-1188.	1.9	35
78	Ideas and perspectives: Strengthening the biogeosciences in environmental research networks. <i>Biogeosciences</i> , 2018, 15, 4815-4832.	3.3	24
79	Differential sensitivity to climate change of C and N cycling processes across soil horizons in a northern hardwood forest. <i>Soil Biology and Biochemistry</i> , 2017, 107, 77-84.	8.8	63
80	Variable nitrate concentrationâ€“discharge relationships in a forested watershed. <i>Hydrological Processes</i> , 2017, 31, 1817-1824.	2.6	47
81	Soil Ca alters processes contributing to C and N retention in the Oa/A horizon of a northern hardwood forest. <i>Biogeochemistry</i> , 2017, 132, 343-357.	3.5	30
82	â€œAccidentalâ€•urban wetlands: ecosystem functions in unexpected places. <i>Frontiers in Ecology and the Environment</i> , 2017, 15, 248-256.	4.0	65
83	Ecological homogenization of residential macrosystems. <i>Nature Ecology and Evolution</i> , 2017, 1, 191.	7.8	69
84	Continental-scale homogenization of residential lawn plant communities. <i>Landscape and Urban Planning</i> , 2017, 165, 54-63.	7.5	82
85	Nonlinear response of nitric oxide fluxes to fertilizer inputs and the impacts of agricultural intensification on tropospheric ozone pollution in Kenya. <i>Global Change Biology</i> , 2017, 23, 3193-3204.	9.5	29
86	Non-Algorithmically Integrating Land Use Type with Spatial Interpolation of Surface Soil Nutrients in an Urbanizing Watershed. <i>Pedosphere</i> , 2017, 27, 147-154.	4.0	4
87	Recovery and resilience of urban stream metabolism following Superstorm Sandy and other floods. <i>Ecosphere</i> , 2017, 8, e01776.	2.2	43
88	Moving Towards a New Urban Systems Science. <i>Ecosystems</i> , 2017, 20, 38-43.	3.4	63
89	Rapid Conversion of Added Nitrate to Nitrous Oxide and Dinitrogen in Northern Forest Soil. <i>Geomicrobiology Journal</i> , 2017, 34, 670-676.	2.0	5
90	Dynamics of nitrate concentrationâ€“discharge patterns in an urban watershed. <i>Water Resources Research</i> , 2017, 53, 7349-7365.	4.2	74

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91	Nutrient Cycling in Grassed Roadside Ditches and Lawns in a Suburban Watershed. <i>Journal of Environmental Quality</i> , 2016, 45, 1901-1909.	2.0	31
92	Use of a Three-Dimensional Reactive Solute Transport Model for Evaluation of Bioreactor Placement in Stream Restoration. <i>Journal of Environmental Quality</i> , 2016, 45, 839-846.	2.0	1
93	Influence of transient flooding on methane fluxes from subtropical pastures. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 965-977.	3.0	29
94	Effects of Harvesting Forest Biomass on Water and Climate Regulation Services: A Synthesis of Long-Term Ecosystem Experiments in Eastern North America. <i>Ecosystems</i> , 2016, 19, 271-283.	3.4	22
95	Denitrification in a subtropical, semi-arid North American savanna: field measurements and intact soil core incubations. <i>Biogeochemistry</i> , 2016, 128, 257-266.	3.5	9
96	Reduced snow cover alters root-microbe interactions and decreases nitrification rates in a northern hardwood forest. <i>Ecology</i> , 2016, 97, 3359-3368.	3.2	34
97	Soil texture and water retention as spatial predictors of denitrification in urban wetlands. <i>Soil Biology and Biochemistry</i> , 2016, 101, 237-250.	8.8	27
98	Hydrologic flowpaths during snowmelt in forested headwater catchments under differing winter climatic and soil frost regimes. <i>Hydrological Processes</i> , 2016, 30, 4617-4632.	2.6	21
99	Nitrogen trace gas fluxes from a semiarid subtropical savanna under woody legume encroachment. <i>Global Biogeochemical Cycles</i> , 2016, 30, 614-628.	4.9	22
100	Nitrate and dissolved organic carbon mobilization in response to soil freezing variability. <i>Biogeochemistry</i> , 2016, 131, 35-47.	3.5	33
101	Climate change decreases nitrogen pools and mineralization rates in northern hardwood forests. <i>Ecosphere</i> , 2016, 7, e01251.	2.2	67
102	Satisfaction, water and fertilizer use in the American residential macrosystem. <i>Environmental Research Letters</i> , 2016, 11, 034004.	5.2	26
103	Soil microbial nitrogen cycling and nitrous oxide emissions from urban afforestation in the New York City Afforestation Project. <i>Urban Forestry and Urban Greening</i> , 2016, 15, 149-154.	5.3	17
104	A potential tipping point in tropical agriculture: Avoiding rapid increases in nitrous oxide fluxes from agricultural intensification in Kenya. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2015, 120, 938-951.	3.0	59
105	Beaver Ponds: Resurgent Nitrogen Sinks for Rural Watersheds in the Northeastern United States. <i>Journal of Environmental Quality</i> , 2015, 44, 1684-1693.	2.0	36
106	Mechanisms driving the seasonality of catchment scale nitrate export: Evidence for riparian ecohydrologic controls. <i>Water Resources Research</i> , 2015, 51, 3982-3997.	4.2	54
107	Climate Variation Overwhelms Efforts to Reduce Nitrogen Delivery to Coastal Waters. <i>Ecosystems</i> , 2015, 18, 1319-1331.	3.4	29
108	The soil N cycle: new insights and key challenges. <i>Soil</i> , 2015, 1, 235-256.	4.9	154

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109	Measuring ecosystem capacity to provide regulating services: forest removal and recovery at Hubbard Brook (USA). <i>Ecological Applications</i> , 2015, 25, 2011-2021.	3.8	19
110	Using a soil topographic index to distribute denitrification fluxes across a northeastern headwater catchment. <i>Journal of Hydrology</i> , 2015, 522, 123-134.	5.4	42
111	Effects of calcium silicate treatment on the composition of forest floor organic matter in a northern hardwood forest stand. <i>Biogeochemistry</i> , 2015, 122, 313-326.	3.5	8
112	Earthworms Reduce Biotic ¹⁵ Nitrogen Retention in Northern Hardwood Forests. <i>Ecosystems</i> , 2015, 18, 328-342.	3.4	11
113	Nitrogen supply modulates the effect of changes in drying–rewetting frequency on soil C and N cycling and greenhouse gas exchange. <i>Global Change Biology</i> , 2015, 21, 3854-3863.	9.5	72
114	Earthworms increase soil microbial biomass carrying capacity and nitrogen retention in northern hardwood forests. <i>Soil Biology and Biochemistry</i> , 2015, 87, 51-58.	8.8	71
115	Soil Denitrification Fluxes in a Northern Hardwood Forest: The Importance of Snowmelt and Implications for Ecosystem N Budgets. <i>Ecosystems</i> , 2015, 18, 520-532.	3.4	48
116	Complex controls of denitrification at ecosystem, landscape and regional scales in northern hardwood forests. <i>Ecological Modelling</i> , 2015, 298, 39-52.	2.5	24
117	Soil denitrification fluxes from three northeastern North American forests across a range of nitrogen deposition. <i>Oecologia</i> , 2015, 177, 17-27.	2.0	54
118	Assessing the homogenization of urban land management with an application to US residential lawn care. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4432-4437.	7.1	164
119	Ecological homogenization of urban USA. <i>Frontiers in Ecology and the Environment</i> , 2014, 12, 74-81.	4.0	343
120	Effects of calcium treatment on forest floor organic matter composition along an elevation gradient. <i>Canadian Journal of Forest Research</i> , 2014, 44, 969-976.	1.7	7
121	Urban ecology: advancing science and society. <i>Frontiers in Ecology and the Environment</i> , 2014, 12, 574-581.	4.0	60
122	Instream Large Wood: Denitrification Hotspots with Low N ₂ O Production. <i>Journal of the American Water Resources Association</i> , 2014, 50, 615-625.	2.4	13
123	Direct flux and ¹⁵ N tracer methods for measuring denitrification in forest soils. <i>Biogeochemistry</i> , 2014, 117, 359-373.	3.5	51
124	Assessing denitrification from seasonally saturated soils in an agricultural landscape: A farm-scale mass-balance approach. <i>Agriculture, Ecosystems and Environment</i> , 2014, 189, 60-69.	5.3	23
125	Winter climate change affects growing–season soil microbial biomass and activity in northern hardwood forests. <i>Global Change Biology</i> , 2014, 20, 3568-3577.	9.5	87
126	Exploring carbon flow through the root channel in a temperate forest soil food web. <i>Soil Biology and Biochemistry</i> , 2014, 76, 45-52.	8.8	54

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127	Isotopic signals of summer denitrification in a northern hardwood forested catchment. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16413-16418.	7.1	58
128	“Hotspots” and “Hot Moments” of Denitrification in Urban Brownfield Wetlands. Ecosystems, 2014, 17, 1121-1137.	3.4	39
129	Hydrologic Controls on Nitrogen and Phosphorous Dynamics in Relict Oxbow Wetlands Adjacent to an Urban Restored Stream. Journal of the American Water Resources Association, 2014, 50, 1365-1382.	2.4	23
130	Stimulating Nitrate Removal Processes of Restored Wetlands. Environmental Science & Technology, 2014, 48, 7365-7373.	10.0	43
131	Resurgent Beaver Ponds in the Northeastern United States: Implications for Greenhouse Gas Emissions. Journal of Environmental Quality, 2014, 43, 1844-1852.	2.0	11
132	Sources of Variation in Home Lawn Soil Nitrogen Dynamics. Journal of Environmental Quality, 2014, 43, 2146-2151.	2.0	13
133	Shallow Groundwater Denitrification in Riparian Zones of a Headwater Agricultural Landscape. Journal of Environmental Quality, 2014, 43, 732-744.	2.0	42
134	Differential Carbon and Nitrogen Controls of Denitrification in Riparian Zones and Streams along an Urban to Exurban Gradient. Journal of Environmental Quality, 2014, 43, 955-963.	2.0	21
135	Partitioning of belowground C in young sugar maple forest. Plant and Soil, 2013, 367, 379-389.	3.7	16
136	The impacts of climate change on ecosystem structure and function. Frontiers in Ecology and the Environment, 2013, 11, 474-482.	4.0	433
137	Earthworms, litter and soil carbon in a northern hardwood forest. Biogeochemistry, 2013, 114, 269-280.	3.5	34
138	High N ₂ O emissions in dry ecosystems. European Journal of Soil Biology, 2013, 59, 1-7.	3.2	28
139	Nitrogen Deposition in and near an Urban Ecosystem. Environmental Science & Technology, 2013, 47, 6047-6051.	10.0	88
140	From Missing Source to Missing Sink: Long-Term Changes in the Nitrogen Budget of a Northern Hardwood Forest. Environmental Science & Technology, 2013, 47, 11440-11448.	10.0	76
141	Socioecological revitalization of an urban watershed. Frontiers in Ecology and the Environment, 2013, 11, 28-36.	4.0	26
142	Preliminary results from monitoring of stream nitrogen concentrations, denitrification, and nitrification potentials in an urbanizing watershed in Xiamen, southeast China. International Journal of Sustainable Development and World Ecology, 2013, 20, 223-230.	5.9	6
143	Winter climate change effects on soil C and N cycles in urban grasslands. Global Change Biology, 2013, 19, 2826-2837.	9.5	46
144	Centennial-scale analysis of the creation and fate of reactive nitrogen in China (1910–2010). Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 2052-2057.	7.1	264

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145	Towards closing the watershed nitrogen budget: Spatial and temporal scaling of denitrification. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2013, 118, 1105-1119.	3.0	62
146	Denitrification and Potential Nitrous Oxide and Carbon Dioxide Production in Brownfield Wetland Soils. <i>Journal of Environmental Quality</i> , 2013, 42, 1507-1517.	2.0	16
147	Factors Regulating Net Methane Flux by Soils in Urban Forests And Grasslands. <i>Soil Science Society of America Journal</i> , 2013, 77, 850-855.	2.2	12
148	High Resolution Measurement of Light in Terrestrial Ecosystems Using Photodegrading Dyes. <i>PLoS ONE</i> , 2013, 8, e75715.	2.5	5
149	Soil Properties and Vegetative Development in Four Restored Freshwater Depressional Wetlands. <i>Soil Science Society of America Journal</i> , 2012, 76, 1482-1495.	2.2	28
150	Influence of natural and novel organic carbon sources on denitrification in forest, degraded urban, and restored streams. <i>Ecological Monographs</i> , 2012, 82, 449-466.	5.4	105
151	Nitrate removal in two relict oxbow urban wetlands: a 15N mass-balance approach. <i>Biogeochemistry</i> , 2012, 111, 647-660.	3.5	24
152	Microbial biomass and activity in geomorphic features in forested and urban restored and degraded streams. <i>Ecological Engineering</i> , 2012, 38, 1-10.	3.6	32
153	Terrestrial denitrification: challenges and opportunities. <i>Ecological Processes</i> , 2012, 1, .	3.9	60
154	Denitrification Potential in Stormwater Control Structures and Natural Riparian Zones in an Urban Landscape. <i>Environmental Science & Technology</i> , 2012, 46, 10909-10917.	10.0	113
155	Long-Term Integrated Studies Show Complex and Surprising Effects of Climate Change in the Northern Hardwood Forest. <i>BioScience</i> , 2012, 62, 1056-1066.	4.9	117
156	Soil O ₂ controls denitrification rates and N ₂ O yield in a riparian wetland. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	127
157	An integrated monitoring/modeling framework for assessing human-nature interactions in urbanizing watersheds: Wappinger and Onondaga Creek watersheds, New York, USA. <i>Environmental Modelling and Software</i> , 2012, 32, 1-15.	4.5	27
158	Comparison of in situ methods to measure N mineralization rates in forest soils. <i>Soil Biology and Biochemistry</i> , 2012, 46, 145-147.	8.8	15
159	Tracking Nonpoint Source Nitrogen Pollution in Human-Impacted Watersheds. <i>Environmental Science & Technology</i> , 2011, 45, 8225-8232.	10.0	437
160	Denitrification in Alluvial Wetlands in an Urban Landscape. <i>Journal of Environmental Quality</i> , 2011, 40, 634-646.	2.0	74
161	Denitrification in Suburban Lawn Soils. <i>Journal of Environmental Quality</i> , 2011, 40, 1932-1940.	2.0	52
162	Carbon and Nitrogen Cycling in Snow-Covered Environments. <i>Geography Compass</i> , 2011, 5, 682-699.	2.7	177

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