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230	Give and Take: A Watershed Acid Rain Mitigation Experiment Increases Baseflow Nitrogen Retention but Increases Stormflow Nitrogen Export.	
229	Landscape variation in microarthropod response to calcium addition in a northern hardwood forest ecosystem. 2006 , 50, 69-78	21
228	Response of sugar maple to calcium addition to northern hardwood forest. 2006 , 87, 1267-80	185
227	Dynamics of nitrogen and dissolved organic carbon at the Hubbard brook experimental forest. 2007 , 88, 1153-66	75
226	Population and biomass dynamics of trees in a northern hardwood forest at Hubbard Brook. 2007 , 37, 737-749	59
225	Approaches for analyzing local carbon mitigation strategies: Tompkins County, New York, USA. 2007 , 1, 360-373	9
224	The legacy of harvest and fire on ecosystem carbon storage in a north temperate forest. 2007 , 13, 1935-1949	146
223	Changes in seasonal soil respiration with pasture conversion to forest in Atlantic Canada. Biogeochemistry, 2007, 82, 101-109 3.8	28
222	Plumbing the Global Carbon Cycle: Integrating Inland Waters into the Terrestrial Carbon Budget. 2007 , 10, 172-185	2235
221	Biometric Based Carbon Flux Measurements and Net Ecosystem Production (NEP) in a Temperate Deciduous Broad-Leaved Forest Beneath a Flux Tower. 2007 , 10, 324-334	60
220	Local-scale analysis of carbon mitigation strategies: Tompkins County, New York, USA. 2007 , 35, 5515-5525	7
219	Fine Root Dynamics and Forest Production Across a Calcium Gradient in Northern Hardwood and Conifer Ecosystems. 2008 , 11, 325-341	33
218	Tree age, disturbance history, and carbon stocks and fluxes in subalpine Rocky Mountain forests. 2008 , 14, 2882-2897	144
217	Identifying roots of northern hardwood species: patterns with diameter and depth. 2008 , 38, 2862-2869	30
216	Using lidar data and a height-structured ecosystem model to estimate forest carbon stocks and fluxes over mountainous terrain. 2008 , 34, S351-S363	43
215	Status and Distribution of Fish in an Acid-impacted Watershed of the Northeastern United States (Hubbard Brook, NH). <i>Northeastern Naturalist</i> , 2008 , 15, 375-390	16
214	Hydraulic responses to environmental perturbations in Tsuga canadensis and Betula lenta. 2008 , 28, 1341-8	4

(2010-2008)

Full Issue in PDF / Numfo complet enform PDF. 2008, 34, ii-S484

212	Relationship between Biogeochemical Processes and Forest Management in Japanese Forest Ecosystems 2009 , 91, 408-420	7
211	Detrital carbon pools in temperate forests: magnitude and potential for landscape-scale assessment. 2009 , 39, 802-813	41
210	Carbon pools and productivity in a 1-km2 heterogeneous forest and peatland mosaic in Minnesota, USA. 2009 , 257, 747-754	39
209	Controls on soil organic matter content within a northern hardwood forest. 2009, 148, 346-356	28
208	Whole-ecosystem labile carbon production in a north temperate deciduous forest. 2009 , 149, 1531-1540	69
207	Ice storm effects on the canopy structure of a northern hardwood forest after 8 years. 2009 , 39, 1475-1483	27
206	Determination of soil carbon stocks and changes. 49-75	7
205	Vermont Integrated Land Use and Transportation Carbon Estimator. 2010 , 2191, 119-127	2
204	Estimating Uncertainty in Ecosystem Budget Calculations. 2010 , 13, 239-248	69
203	Variation of soil and biomass carbon pools in beech forests across a precipitation gradient. 2010 , 16, 1035-1045	78
202	Forest carbon storage: ecology, management, and policy. 2010 , 8, 245-252	176
201	Importance of CO2 evasion from small boreal streams. 2010 , 24, n/a-n/a	27
200	Short- and long-term responses of total soil organic carbon to harvesting in a northern hardwood forest. 2010 , 259, 1262-1267	31
199	Carbon resources, soil organisms, and nitrogen availability: Landscape patterns in a northern hardwood forest. 2010 , 260, 1175-1183	10
198	Soil organic carbon stock is closely related to aboveground vegetation properties in cold-temperate mountainous forests. 2010 , 154, 407-415	56
197	Carbon Sequestration in Forest Ecosystems. 2010,	66
196	The speciation of water-soluble Al and Zn in the rhizosphere of forest soils. 2010 , 12, 1274-86	3

195	Regeneration ecology of sugar maple (Acer saccharum): seedling survival in relation to nutrition, site factors, and damage by insects and pathogens. 2011 , 41, 235-244	34
194	Links between biomass and tree demography in a northern hardwood forest: a decade of stability and change in Hubbard Brook Valley, New Hampshire. 2011 , 41, 1369-1379	43
193	Streamflow responses to past and projected future changes in climate at the Hubbard Brook Experimental Forest, New Hampshire, United States. 2011 , 47,	77
192	The influence of land use and climate change on forest biomass and composition in Massachusetts, USA. 2011 , 21, 2425-44	97
191	Principles of Terrestrial Ecosystem Ecology. 2011,	616
190	Changes in the Earth System. 2011 , 401-422	
189	Soil carbon release along a gradient of physical disturbance in a harvested northern hardwood forest. 2011 , 261, 1016-1026	39
188	How accurately can soil organic carbon stocks and stock changes be quantified by soil inventories?. 2011 , 8, 1193-1212	197
187	Modelling above- and below-ground mass loss and N dynamics in wooden dowels (LIDET) placed across North and Central America biomes at the decadal time scale. 2011 , 222, 2276-2290	13
186	Dynamics of oxidized and reduced iron in a northern hardwood forest. <i>Biogeochemistry</i> , 2011 , 104, 103-1গু .	31
185	Minimal response in watershed nitrate export to severe soil frost raises questions about nutrient dynamics in the Hubbard Brook experimental forest. <i>Biogeochemistry</i> , 2011 , 106, 443-459	24
184	Relationships between carbon allocation and partitioning of soil respiration across world mature forests. 2011 , 212, 195-206	25
183	Legacy effects overwhelm the short-term effects of exotic plant invasion and restoration on soil microbial community structure, enzyme activities, and nitrogen cycling. 2011 , 167, 733-45	97
182	A New Conceptual Model of Nitrogen Saturation Based on Experimental Nitrogen Addition to an Oak Forest. 2011 , 14, 615-631	181
181	Methane emissions from freshwater riverine wetlands. 2011 , 37, 16-24	78
180	Quantifying Uncertainty in Forest Nutrient Budgets. 2012 , 110, 448-456	25
179	Carbon Content of Tree Tissues: A Synthesis. 2012 , 3, 332-352	251
178	A novel ice storm manipulation experiment in a northern hardwood forest. 2012 , 42, 1810-1818	24

(2013-2012)

177	Effects of Three Years of Regrowth Inhibition on the Resilience of a Clear-cut Northern Hardwood Forest. 2012 , 15, 1351-1362		8	
176	Differentiating temperate tree species and their organs using lipid biomarkers in leaves, roots and soil. 2012 , 52, 130-141		47	
175	Inconsistent definitions of "urban" result in different conclusions about the size of urban carbon and nitrogen stocks. 2012 , 22, 1015-35		75	
174	Carbon cycling of Chinese forests: from carbon storage, dynamics to models. 2012 , 55, 188-90		8	
173	Managing Forest Carbon in a Changing Climate. 2012 ,		23	
172	Controls on coarse wood decay in temperate tree species: birth of the LOGLIFE experiment. 2012 , 41 Suppl 3, 231-45		76	
171	Mapping migratory bird prevalence using remote sensing data fusion. <i>PLoS ONE</i> , 2012 , 7, e28922	3.7	47	
170	Carbon Dynamics in the Temperate Forest. 2012 , 77-107		15	
169	Using model-data fusion to interpret past trends, and quantify uncertainties in future projections, of terrestrial ecosystem carbon cycling. 2012 , 18, 2555-2569		135	
168	Severe soil frost reduces losses of carbon and nitrogen from the forest floor during simulated snowmelt: A laboratory experiment. <i>Soil Biology and Biochemistry</i> , 2012 , 44, 65-74	7.5	25	
167	Partitioning of belowground C in young sugar maple forest. 2013 , 367, 379-389		13	
166	The role of carrion in maintaining biodiversity and ecological processes in terrestrial ecosystems. 2013 , 171, 761-72		188	
165	Experimental Manipulation of Forest Structure: Near-Term Effects on Gap and Stand Scale C Dynamics. 2013 , 16, 1455-1472		20	
164	Biogeochemistry of a Forested Ecosystem. 2013,		91	
163	Compositional characterization of soil organic matter and hot-water-extractable organic matter in organic horizons using a molecular mixing model. 2013 , 13, 1032-1042		12	
162	Chemistry. 2013 , 35-87			
161	Ecosystem Analysis. 2013 , 1-15		3	
160	The Carbon Cycle. 2013 , 109-135		9	

159	Demography, biomass and productivity of a northern hardwood forest on the Allegheny Plateau1,2. 2013 , 140, 52-64		8
158	What controls the concentration of various aliphatic lipids in soil?. <i>Soil Biology and Biochemistry</i> , 2013 , 63, 14-17	7.5	19
157	Dissolved Organic Matter in Natural Waters. 2013 , 1-137		22
156	Colored and Chromophoric Dissolved Organic Matter in Natural Waters. 2013 , 365-428		8
155	Impacts of Global Warming on Biogeochemical Cycles in Natural Waters. 2013 , 851-914		
154	Short-term and long-term carbon dynamics in a northern peatland-stream-lake continuum: A catchment approach. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2013 , 118, 171-183	3.7	31
153	Recovery from disturbance requires resynchronization of ecosystem nutrient cycles. 2013 , 23, 621-42		46
152	Decreased water flowing from a forest amended with calcium silicate. 2013 , 110, 5999-6003		34
151	Effect of clear-cutting silviculture on soil respiration in a subtropical forest of China. 2013 , 6, 335-348		12
150	Forest liming increases forest floor carbon and nitrogen stocks in a mixed hardwood forest. 2013 , 23, 1962-75		30
149	Dynamics, chemical properties and bioavailability of DOC in an early successional catchment. 2013 , 10, 4751-4765		7
148	Trends in Levels of Allochthonous Dissolved Organic Carbon in Natural Water: A Review of Potential Mechanisms under a Changing Climate. 2014 , 6, 2862-2897		52
147	Soil Organic Carbon Stock Assessment in Two Temperate Forest Types of Western Himalaya of Jammu and Kashmir, India. 2014 , 03,		2
146	Forest Floor Lead Changes from 1980 to 2011 and Subsequent Accumulation in the Mineral Soil across the Northeastern United States. 2014 , 43, 926-35		25
145	Respiration in Terrestrial Ecosystems. 2014 , 613-649		7
144	A model using marginal efficiency of investment to analyze carbon and nitrogen interactions in terrestrial ecosystems (ACONITE Version 1). 2014 , 7, 2015-2037		37
143	Mineral soil carbon fluxes in forests and implications for carbon balance assessments. 2014 , 6, 305-311		23
142	Modeling the carbon cost of plant nitrogen acquisition: Mycorrhizal trade-offs and multipath resistance uptake improve predictions of retranslocation. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2014 , 119, 1684-1697	3.7	93

141	Root-induced changes in nutrient cycling in forests depend on exudation rates. <i>Soil Biology and Biochemistry</i> , 2014 , 78, 213-221	134
140	Rates of sustainable forest harvest depend on rotation length and weathering of soil minerals. 2014 , 318, 194-205	50
139	Isotopic signals of summer denitrification in a northern hardwood forested catchment. 2014 , 111, 16413-8	48
138	Isotopic characteristics of canopies in simulated leaf assemblages. 2014 , 144, 82-95	50
137	Global covariation of carbon turnover times with climate in terrestrial ecosystems. 2014 , 514, 213-7	446
136	Response of Mineral Soil Carbon to Clear-Cutting in a Northern Hardwood Forest. 2014 , 78, 309-318	13
135	The Role of Carrion in Ecosystems. 2015 , 288-307	7
134	Stable water isotopes suggest sub-canopy water recycling in a northern forested catchment. 2015 , 29, 5193-5202	14
133	Drivers of CO2 Emission Rates from Dead Wood Logs of 13 Tree Species in the Initial Decomposition Phase. 2015 , 6, 2484-2504	31
132	Calculating Organic Carbon Stock from Forest Soils. 2015 , 43, 568-575	4
131	Altitudinal variation of soil organic carbon stocks in temperate forests of Kashmir Himalayas, India. 2015 , 187, 11	13
130	Decay patterns and carbon density of standing dead trees in California mixed conifer forests. 2015 , 353, 136-147	12
129	Soil Nitrogen Availability Affects Belowground Carbon Allocation and Soil Respiration in Northern Hardwood Forests of New Hampshire. 2015 , 18, 1179-1191	32
128	Mineral soil carbon pool responses to forest clearing in Northeastern hardwood forests. 2015 , 7, 1283-1293	20
127	Carbon cycle of an urban watershed: exports, sources, and metabolism. <i>Biogeochemistry</i> , 2015 , 126, 173- 9 . 9 5	43
126	An empirical model approach for assessing soil organic carbon stock changes following biomass crop establishment in Britain. 2015 , 83, 141-151	5
125	Long term evaluation of green vegetation cover dynamic in the Atacora Mountain chain (Togo) and its relation to carbon sequestration in West Africa. 2015 , 12, 921-934	10
124	Negative effects of stem and stump harvest and deep soil cultivation on the soil carbon and nitrogen pools are mitigated by enhanced tree growth. 2015 , 338, 57-67	26

123	Neglected role of fungal community composition in explaining variation in wood decay rates. 2015 , 96, 124-33		123
122	Ecosystems. 328-357		
121	Vegetation Dynamics. 376-399		
120	Evidence for Losses From Strongly Bound SOM Pools After Clear Cutting in a Northern Hardwood Forest. 2016 , 181, 202-207		11
119	Trade-offs between three forest ecosystem services across the state of New Hampshire, USA: timber, carbon, and albedo. <i>Ecological Applications</i> , 2016 , 26, 146-61	4.9	27
118	Association of dissolved mercury with dissolved organic carbon in U.S. rivers and streams: The role of watershed soil organic carbon. 2016 , 52, 3040-3051		14
117	Comparing tree-ring and permanent plot estimates of aboveground net primary production in three eastern U.S. forests. <i>Ecosphere</i> , 2016 , 7, e01454	3.1	50
116	Comparison of carbon and nitrogen storage in mineral soils of graminoid and shrub tundra sites, western Greenland. 2016 , 2, 165-182		6
115	Long-term effects of pest-induced tree species change on carbon and nitrogen cycling in northeastern U.S. forests: A modeling analysis. 2016 , 372, 269-290		12
114	Untangling the effects of root age and tissue nitrogen on root respiration in Populus tremuloides at different nitrogen supply. 2016 , 36, 618-27		18
113	Atmospheric inputs of organic matter to a forested watershed: Variations from storm to storm over the seasons. 2016 , 147, 284-295		7
112	Climate change and dissolved organic carbon export to the Gulf of Maine. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016 , 121, 2700-2716	3.7	31
111	Reduced snow cover alters root-microbe interactions and decreases nitrification rates in a northern hardwood forest. 2016 , 97, 3359-3368		26
110	Silica uptake and release in live and decaying biomass in a northern hardwood forest. 2016 , 97, 3044-30	057	16
109	Dissolved organic carbon uptake in streams: A review and assessment of reach-scale measurements. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016 , 121, 2019-2029	3.7	58
108	Long-term influence of alternative forest management treatments on total ecosystem and wood product carbon storage. 2016 , 46, 1404-1412		17
107	Multi-scale heterogeneity in vegetation and soil carbon in exurban residential land of southeastern Michigan, USA. <i>Ecological Applications</i> , 2016 , 26, 1421-1436	4.9	7
106	Seasonality and partitioning of root allocation to rhizosphere soils in a midlatitude forest. <i>Ecosphere</i> , 2016 , 7, e01547	3.1	22

105	Seasonal dynamics of (113) C of C-rich fractions from Picea abies (Norway spruce) and Fagus sylvatica (European beech) fine roots. 2016 , 39, 2004-13		1
104	Atmospheric deposition of organic carbon via precipitation. 2016 , 146, 153-163		58
103	Introduced deer at low densities do not inhibit the regeneration of a dominant tree. 2016 , 364, 70-76		12
102	Phosphatase activity is related to N availability but not P availability across hardwood forests in the northeastern United States. <i>Soil Biology and Biochemistry</i> , 2016 , 94, 61-69	7.5	24
101	Fine root biomass declined in response to restoration of soil calcium in a northern hardwood forest. 2016 , 46, 738-744		15
100	Influence of coniferous and deciduous vegetation on major and trace metals in forests of northern New England, USA. 2016 , 402, 363-378		16
99	Root exudation patterns in a beech forest: Dependence on soil depth, root morphology, and environment. <i>Soil Biology and Biochemistry</i> , 2017 , 107, 188-197	7.5	53
98	Carbon dynamics and structural development in recovering secondary forests of the northeastern U.S 2017 , 392, 21-35		26
97	Wet atmospheric deposition of organic carbon: An underreported source of carbon to watersheds in the northeastern United States. 2017 , 122, 3104-3115		20
96	Seed production of sugar maple and American beech in northern hardwood forests, New Hampshire, USA. 2017 , 47, 985-990		11
95	Aluminum is more tightly bound in soil after wollastonite treatment to a forest watershed. 2017 , 397, 57-66		3
94	Future forest aboveground carbon dynamics in the central United States: the importance of forest demographic processes. 2017 , 7, 41821		13
93	Relationship between fine-root exudation and respiration of two Quercus species in a Japanese temperate forest. 2017 , 37, 1011-1020		36
92	Interactive effects of climate change and fungal communities on wood-derived carbon in forest soils. <i>Soil Biology and Biochemistry</i> , 2017 , 115, 297-309	7.5	9
91	A parsimonious modular approach to building a mechanistic belowground carbon and nitrogen model. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017 , 122, 2418-2434	3.7	25
90	Sampling and processing roots from rocky forest soils. <i>Ecosphere</i> , 2017 , 8, e01863	3.1	6
89	Soil and understory plant dynamics during conversion of forest to silvopasture, open pasture, and woodlot. 2017 , 91, 729-739		11
88	Spatial and temporal patterns of dissolved organic matter quantity and quality in the Mississippi River Basin, 19970013. 2017 , 31, 902-915		21

87	Variability in aboveground carbon driven by slope aspect and curvature in an eastern deciduous forest, USA. 2017 , 47, 149-158		31	
86	Fire and the Distribution and Uncertainty of Carbon Sequestered as Aboveground Tree Biomass in Yosemite and Sequoia & Kings Canyon National Parks. 2017 , 6, 10		13	
85	Total C and N Pools and Fluxes Vary with Time, Soil Temperature, and Moisture Along an Elevation, Precipitation, and Vegetation Gradient in Southern Appalachian Forests. 2018 , 21, 1623-1638		14	
84	The Millennial model: in search of measurable pools and transformations for modeling soil carbon in the new century. <i>Biogeochemistry</i> , 2018 , 137, 51-71	3.8	85	
83	Does replacing coal with wood lower CO 2 emissions? Dynamic lifecycle analysis of wood bioenergy. <i>Environmental Research Letters</i> , 2018 , 13, 015007	6.2	62	
82	Cycling of Organic Matter. 2018 , 61-72			
81	Characteristics of wet dissolved carbon deposition in a semi-arid catchment at the Loess Plateau, China. 2018 , 15, 3345-3356		0	
80	Increased soil respiration in response to experimentally reduced snow cover and increased soil freezing in a temperate deciduous forest. <i>Biogeochemistry</i> , 2018 , 140, 359-371	3.8	12	
79	Multiyear Trends in Solute Concentrations and Fluxes From a Suburban Watershed: Evaluating Effects of 100-Year Flood Events. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018 , 123, 3072-3	08 7 7	12	
78	Nutrient retention during ecosystem succession: a revised conceptual model. 2018 , 16, 532-538		30	
77	Solar radiation strongly influences the quantity of forest tree root exudates. 2018 , 32, 871-879		24	
76	The application of an integrated biogeochemical model to simulate dynamics of vegetation, hydrology and nutrients in soil and streamwater following a whole-tree harvest of a northern hardwood forest. 2018 , 645, 244-256		13	
75	Soil carbon losses due to higher pH offset vegetation gains due to calcium enrichment in an acid mitigation experiment. 2018 , 99, 2363-2373		5	
74	Evaluation of CMIP5 Earth System Models for the Spatial Patterns of Biomass and Soil Carbon Turnover Times and Their Linkage with Climate. 2018 , 31, 5947-5960		25	
73	Partitioning soil respiration: quantifying the artifacts of the trenching method. <i>Biogeochemistry</i> , 2018 , 140, 53-63	3.8	20	
72	Wood Biomass and Carbon Pools within a Floodplain Forest of the Congaree River, South Carolina, USA. 2019 , 39, 1003-1013		1	
71	Leveraging Environmental Research and Observation Networks to Advance Soil Carbon Science. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019 , 124, 1047-1055	3.7	15	
70	PM10 carbonaceous aerosols and their real-time wet scavenging during monsoon and non-monsoon seasons at Delhi, India. 2019 , 76, 171-200		32	

(2020-2019)

69	A Synthetic Model to Quantify Dissolved Organic Carbon Transport in the Changjiang River System: Model Structure and Spatiotemporal Patterns. 2019 , 11, 3024-3041	6
68	Economics of integrated harvests with biomass for energy in non-industrial forests in the northeastern US forest. 2019 , 109, 102023	5
67	Comparing Rates of Rock Weathering and Soil Formation between Two Temperate Forest Watersheds Differing in Parent Rock and Vegetation Type. 2019 , 53, 169-179	4
66	Tree basal area and conifer abundance predict soil carbon stocks and concentrations in an actively managed forest of northern New Hampshire, USA. 2019 , 451, 117534	7
65	Forests in the northern Sierra Nevada of California, USA, store large amounts of carbon in different patterns. <i>Ecosphere</i> , 2019 , 10, e02778	2
64	Losses of mineral soil carbon largely offset biomass accumulation 15 years after whole-tree harvest in a northern hardwood forest. <i>Biogeochemistry</i> , 2019 , 144, 1-14	9
63	Roots Mediate the Effects of Snowpack Decline on Soil Bacteria, Fungi, and Nitrogen Cycling in a Northern Hardwood Forest. 2019 , 10, 926	3
62	Carbon response to changing winter conditions in northern regions: current understanding and emerging research needs. 2019 , 27, 545-566	7
61	Global patterns in fine root decomposition: climate, chemistry, mycorrhizal association and woodiness. 2019 , 22, 946-953	56
60	Can alkaline residuals from the pulp and paper industry neutralize acidity in forest soils without increasing greenhouse gas emissions?. 2019 , 663, 537-547	9
59	Long-term forest soils research: lessons learned from the US experience. 2019 , 473-504	1
58	Multidecadal trajectories of soil chemistry and nutrient availability following cutting vs. burning disturbances in Upper Great Lakes forests. 2019 , 49, 731-742	4
57	Estimating uncertainty in the volume and carbon storage of downed coarse woody debris. Ecological Applications, 2019 , 29, e01844 4-9	36
56	Retention of Nitrate-N in Mineral Soil Organic Matter in Different Forest Age Classes. 2019 , 22, 1280-1294	14
55	Accounting for Carbon Flux to Mycorrhizal Fungi May Resolve Discrepancies in Forest Carbon Budgets. 2020 , 23, 715-729	8
54	Current and future biomass carbon uptake in Boston@urban forest. 2020 , 709, 136196	13
53	Seasonal partitioning of precipitation between streamflow and evapotranspiration, inferred from end-member splitting analysis. 2020 , 24, 17-39	16
52	Ecosystem Nitrogen Response to a Simulated Ice Storm in a Northern Hardwood Forest. 2020 , 23, 1186-1205	4

51	Snowpack affects soil microclimate throughout the year. 2020 , 163, 705-722		2
50	Carbon budget of the Harvard Forest Long-Term Ecological Research site: pattern, process, and response to global change. 2020 , 90, e01423		26
49	Landscape Influence on the Browning of a Lake Watershed in the Adirondack Region of New York, USA. 2020 , 4, 50		4
48	Distribution of n-alkanes and their IH and II3C values in typical plants along a terrestrial-coastal-oceanic gradient. 2020 , 281, 31-52		17
47	Global quantitative synthesis of ecosystem functioning across climatic zones and ecosystem types. 2020 , 29, 1139-1176		9
46	Clonal integration in Phagmites australis mitigates effects of oil pollution on greenhouse gas emissions in a coastal wetland. 2020 , 739, 140007		2
45	Water Table Dynamics Control Carbon Losses from the Destabilization of Soil Organic Matter in a Small, Lowland Agricultural Catchment. 2020 , 4, 2		1
44	Depth patterns and connections between gross nitrogen cycling and soil exoenzyme activities in three northern hardwood forests. <i>Soil Biology and Biochemistry</i> , 2020 , 147, 107836	7.5	10
43	The Carbon Cycle: With a Brief Introduction to Global Biogeochemistry. 2021 , 131-160		1
42	Root-derived inputs are major contributors to soil carbon in temperate forests, but vary by mycorrhizal type. 2021 , 24, 626-635		22
41	Increased carbon capture by a silicate-treated forested watershed affected by acid deposition. 2021 , 18, 169-188		6
40	The Effect of Nitrogen Fertilization on Tree Growth, Soil Organic Carbon and Nitrogen Leaching Modeling Study in a Steep Nitrogen Deposition Gradient in Sweden. 2021 , 12, 298		3
39	Disruption of the competitive balance between foundational tree species by interacting stressors in a temperate deciduous forest. 2021 , 109, 2754-2768		1
38	Patterns and trends of organic matter processing and transport: Insights from the US long-term ecological research network. 2021 , 2, 100025		O
37	Soil Genesis of Four Alfisols Established in Oak Hickory Forests along Drainages into the Mississippi River in Southeastern Missouri, USA. 2021 , 09, 124-143		2
36	Landscape Heterogeneity and Ecosystem Dynamics. 2011 , 369-397		9
35	The Discovery of Acid Rain at the Hubbard Brook Experimental Forest: A Story of Collaboration and Long-term Research. 2014 , 463-482		6
34	The Natural Dynamic of Carbon in Forest Ecosystems. 2010 , 23-101		2

33	Effects of Disturbance, Succession and Management on Carbon Sequestration. 2010, 103-157		5
32	Carbon Dynamics and Pools in Major Forest Biomes of the World. 2010 , 159-205		3
31	Leaching losses of dissolved organic carbon and nitrogen from agricultural soils in the upper US Midwest. 2020 , 734, 139379		12
30	Urbanization and fragmentation mediate temperate forest carbon cycle response to climate. <i>Environmental Research Letters</i> , 2020 , 15, 114036	6.2	10
29	Experimental approach and initial forest response to a simulated ice storm experiment in a northern hardwood forest. <i>PLoS ONE</i> , 2020 , 15, e0239619	3.7	3
28	Dynamics, chemical properties and bioavailability of DOC in an early successional catchment.		1
27	Mercury in coniferous and deciduous upland forests in Northern New England, USA: implications from climate change.		2
26	How accurately can soil organic carbon stocks and stock changes be quantified by soil inventories?.		28
25	A model using marginal efficiency of investment to analyse carbon and nitrogen interactions in terrestrial ecosystems (ACONITE Version 1).		1
24	Source or Sink? Carbon Dynamics in Eastern Old-Growth Forests and Their Role in Climate Change Mitigation. 2018 , 267-288		6
23	Response of biomass, hydrology and biogeochemistry to alternative approaches of cutting a northern forest: model comparisons. <i>Biogeochemistry</i> , 1	3.8	
22	Long-term and Multidisciplinary Research on Carbon Cycling and Forest Ecosystem Functions in a Mountainous Landscape: Development and Perspectives. <i>Journal of Geography (Chigaku Zasshi)</i> , 2019 , 128, 129-146	0.5	3
21	Terrestrial Gastropod Grazing on Macrolichens in a Northern Broadleaf¶onifer Forest. <i>Northeastern Naturalist</i> , 2019 , 26, 261	0.5	2
20	LiDAR Helps Differentiate Stand Health and Productivity Levels within a Northern Hardwood Forest. <i>Open Journal of Forestry</i> , 2020 , 10, 66-80	0.4	
19	OUP accepted manuscript. <i>BioScience</i> ,	5.7	1
18	Improved global-scale predictions of soil carbon stocks with Millennial Version 2. <i>Soil Biology and Biochemistry</i> , 2021 , 108466	7.5	2
17	Impacts of climate and disturbance on nutrient fluxes and stoichiometry in mixed-conifer forests. <i>Biogeochemistry</i> , 2022 , 158, 1	3.8	О
16	Nitrification and denitrification in the Community Land Model compared to observations at Hubbard Brook Forest <i>Ecological Applications</i> , 2022 , e2530	4.9	1

15	Quantification of Urban Forest and Grassland Carbon Fluxes Using Field Measurements and a Satellite-Based Model in Washington DC/Baltimore Area. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2022 , 127,	3.7	О
14	Intermediate disturbances drive long-term fluctuation in old-growth forest biomass: an 84-yr temperate forest record. <i>Ecosphere</i> , 2022 , 13,	3.1	1
13	Urban net primary production: Concepts, field methods, and Baltimore, Maryland, USA case study <i>Ecological Applications</i> , 2022 , e2562	4.9	1
12	Forest resources of the Tanana unit, Alaska.		O
11	A Theory of City Biogeography and the Origin of Urban Species. <i>Frontiers in Conservation Science</i> , 2022 , 3,	Ο	О
10	Climate consequences of temperate forest conversion to open pasture or silvopasture. <i>Agriculture, Ecosystems and Environment</i> , 2022 , 333, 107972	5.7	O
9	Ecosystems. 303-325		
8	Vegetation dynamics. 326-346		
7	Evaluation of projected carbon accumulation after implementing different forest management treatments in mixed-species stands in northern Maine. <i>Carbon Management</i> , 2022 , 13, 190-204	3.3	О
6	Changing Hydrographic, Biogeochemical, and Acidification Properties in the Gulf of Maine as Measured by the Gulf of Maine North Atlantic Time Series, GNATS, Between 1998 and 2018. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2022 , 127,	3.7	O
5	Fine root morphology and soil properties under influence of different tree stands along an altitudinal climosequence in the Carpathian mountains. 2022 , 100066		О
4	Climate Warming Alters Nutrient Storage in Seasonally Dry Forests: Insights from a 2300 m Elevation Gradient.		O
3	Early spring onset increases carbon uptake more than late fall senescence: modeling future phenological change in a US northern deciduous forest.		0
2	Forest-clearing to create early-successional habitats: Questionable benefits, significant costs. 5,		O
1	Mechanisms Underlying Aboveground and Belowground Litter Decomposition Converge over Time under Nutrient Deposition. 2023 , 14, 130		0