Kris Verheyen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3385773/publications.pdf

Version: 2024-02-01

402	19,446	15880 67	23841 115
papers	citations	h-index	g-index

407	407	407	19420
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	For the sake of resilience and multifunctionality, let's diversify planted forests!. Conservation Letters, 2022, 15, e12829.	2.8	124
2	Phosphorus puts a mortgage on restoration of speciesâ€rich grasslands on former agricultural land. Restoration Ecology, 2022, 30, e13523.	1.4	3
3	Little effect of tree species richness on withinâ€and betweenâ€plot variability in soil chemical properties in a young plantation forest. European Journal of Soil Science, 2022, 73, .	1.8	3
4	Forest understorey communities respond strongly to light in interaction with forest structure, but not to microclimate warming. New Phytologist, 2022, 233, 219-235.	3.5	32
5	The combined effects of climate and canopy cover changes on understorey plants of the Hyrcanian forest biodiversity hotspot in northern Iran. Global Change Biology, 2022, 28, 1103-1118.	4.2	9
6	Landâ€use legacies predispose the response of trees to drought in restored forests. Global Change Biology, 2022, 28, 1204-1211.	4.2	4
7	Context matters: the landscape matrix determines the population genetic structure of temperate forest herbs across Europe. Landscape Ecology, 2022, 37, 1365-1384.	1.9	4
8	Climatic conditions, not above- and belowground resource availability and uptake capacity, mediate tree diversity effects on productivity and stability. Science of the Total Environment, 2022, 812, 152560.	3.9	8
9	Tree diversity effects on soil microbial biomass and respiration are context dependent across forest diversity experiments. Global Ecology and Biogeography, 2022, 31, 872-885.	2.7	16
10	Species distribution models and a 60â€yearâ€old transplant experiment reveal inhibited forest plant range shifts under climate change. Journal of Biogeography, 2022, 49, 537-550.	1.4	10
11	Tree Species Diversity and Forest Edge Density Jointly Shape the Gut Microbiota Composition in Juvenile Great Tits (Parus major). Frontiers in Microbiology, 2022, 13, 790189.	1.5	5
12	Tree species mixing can amplify microclimate offsets in young forest plantations. Journal of Applied Ecology, 2022, 59, 1428-1439.	1.9	16
13	Different effects of warming treatments in forests versus hedgerows on the understorey plant Geum urbanum. Plant Biology, 2022, , .	1.8	2
14	Initial oak regeneration responses to experimental warming along microclimatic and macroclimatic gradients. Plant Biology, 2022, 24, 745-757.	1.8	4
15	The use of photos to investigate ecological change. Journal of Ecology, 2022, 110, 1220-1236.	1.9	8
16	Directional turnover towards largerâ€ranged plants over time and across habitats. Ecology Letters, 2022, 25, 466-482.	3.0	39
17	Conservative N cycling despite high atmospheric deposition in early successional African tropical lowland forests. Plant and Soil, 2022, 477, 743-758.	1.8	1
18	Competition mediates understorey species range shifts under climate change. Journal of Ecology, 2022, 110, 1813-1825.	1.9	6

#	Article	IF	Citations
19	The European Forest Plant Species List (EuForPlant): Concept and applications. Journal of Vegetation Science, 2022, 33, .	1.1	23
20	Impact of tree species diversity on throughfall deposition in a young temperate forest plantation. Science of the Total Environment, 2022, 842, 156947.	3.9	3
21	Regional climate moderately influences species-mixing effect on tree growth-climate relationships and drought resistance for beech and pine across Europe. Forest Ecology and Management, 2022, 520, 120317.	1.4	4
22	Increasing calcium scarcity along Afrotropical forest succession. Nature Ecology and Evolution, 2022, 6, 1122-1131.	3.4	19
23	Forest density and edge effects on soil microbial communities in deciduous forests across Europe. Applied Soil Ecology, 2022, 179, 104586.	2.1	4
24	Understorey removal effects on tree regeneration in temperate forests: A metaâ€analysis. Journal of Applied Ecology, 2021, 58, 9-20.	1.9	27
25	Multiscale drivers of carabid beetle (Coleoptera: Carabidae) assemblages in small European woodlands. Global Ecology and Biogeography, 2021, 30, 165-182.	2.7	13
26	The need for an understory decision support system for temperate deciduous forest management. Forest Ecology and Management, 2021, 480, 118634.	1.4	13
27	Microclimate limits thermal behaviour favourable to disease control in a nocturnal amphibian. Ecology Letters, 2021, 24, 27-37.	3.0	11
28	Climate affects neighbourâ€induced changes in leaf chemical defences and tree diversityâ€“herbivory relationships. Functional Ecology, 2021, 35, 67-81.	1.7	12
29	Mixing has limited impacts on the foliar nutrition of European beech and Scots pine trees across Europe. Forest Ecology and Management, 2021, 479, 118551.	1.4	4
30	Small scale environmental variation modulates plant defence syndromes of understorey plants in deciduous forests of Europe. Global Ecology and Biogeography, 2021, 30, 205-219.	2.7	15
31	Drivers of carbon stocks in forest edges across Europe. Science of the Total Environment, 2021, 759, 143497.	3.9	25
32	Effects of bioavailable phosphorus and soil biota on typical Nardus grassland species in competition with fast-growing plant species. Ecological Indicators, 2021, 120, 106880.	2.6	9
33	A socialâ€“ecological framework and toolbox to help strengthening functional agrobiodiversity-supported ecosystem services at the landscape scale. Ambio, 2021, 50, 360-374.	2.8	7
34	Evaluating structural and compositional canopy characteristics to predict the lightâ€demand signature of the forest understorey in mixed, semiâ€natural temperate forests. Applied Vegetation Science, 2021, 24, .	0.9	24
35	Soil Nutrient Depletion and Tree Functional Composition Shift Following Repeated Clearing in Secondary Forests of the Congo Basin. Ecosystems, 2021, 24, 1422-1435.	1.6	10
36	Overstorey composition shapes across‐trophic level community relationships in deciduous forest regardless of fragmentation context. Journal of Ecology, 2021, 109, 1591-1606.	1.9	3

#	Article	IF	Citations
37	Early Tree Diversity and Composition Effects on Topsoil Chemistry in Young Forest Plantations Depend on Site Context. Ecosystems, 2021, 24, 1638-1653.	1.6	5
38	Exploring the faecal microbiome of the Eurasian nuthatch (Sitta europaea). Archives of Microbiology, 2021, 203, 2119-2127.	1.0	2
39	Biomass Expansion Factors for Hedgerow-Grown Trees Derived from Terrestrial LiDAR. Bioenergy Research, 2021, 14, 561-574.	2.2	6
40	Fruit orchards and woody semi-natural habitat provide complementary resources for pollinators in agricultural landscapes. Landscape Ecology, 2021, 36, 1377-1390.	1.9	28
41	Danger on the track? Tick densities near recreation infrastructures in forests. Urban Forestry and Urban Greening, 2021, 59, 126994.	2.3	9
42	Rapid thermophilization of understorey plant communities in a 9 yearâ€long temperate forest experiment. Journal of Ecology, 2021, 109, 2434-2447.	1.9	27
43	Taxonomic, phylogenetic and functional diversity of understorey plants respond differently to environmental conditions in European forest edges. Journal of Ecology, 2021, 109, 2629-2648.	1.9	28
44	Temperature effects on forest understorey plants in hedgerows: a combined warming and transplant experiment. Annals of Botany, 2021, 128, 315-327.	1.4	2
45	Soil carbon of hedgerows and â€˜ghostâ€™ hedgerows. Agroforestry Systems, 2021, 95, 1087-1103.	0.9	12
46	Body size and tree species composition determine variation in prey consumption in a forestâ€inhabiting generalist predator. Ecology and Evolution, 2021, 11, 8295-8309.	0.8	4
47	Aboveâ€and belowâ€ground complementarity rather than selection drive tree diversityâ€“productivity relationships in European forests. Functional Ecology, 2021, 35, 1756-1767.	1.7	15
48	The effect of information transfer related to soil biodiversity on Flemish citizens' preferences for forest management. Science of the Total Environment, 2021, 776, 145791.	3.9	10
49	Win some, lose some: Mesocosm communities maintain community productivity despite lower phosphorus availability because of increased species diversity. Applied Vegetation Science, 2021, 24, e12599.	0.9	1
50	Enjoying tranquilityÂâ€”ÂDevelopment of ground vegetation after cessation of management in forests on loamy soils in Flanders (Belgium). Applied Vegetation Science, 2021, 24, e12593.	0.9	0
51	Effects of Climate and Atmospheric Nitrogen Deposition on Early to Mid-Term Stage Litter Decomposition Across Biomes. Frontiers in Forests and Global Change, 2021, 4, .	1.0	20
52	Sensitivity to habitat fragmentation across European landscapes in three temperate forest herbs. Landscape Ecology, 2021, 36, 2831-2848.	1.9	4
53	Forest understorey plant responses to longâ€term experimental warming, light and nitrogen addition. Plant Biology, 2021, 23, 1051-1062.	1.8	13
54	Mixing of tree species is especially beneficial for biodiversity in fragmented landscapes, without compromising forest functioning. Journal of Applied Ecology, 2021, 58, 2903-2913.	1.9	2

#	Article	IF	Citations
55	Afrotropical secondary forests exhibit fast diversity and functional recovery, but slow compositional and carbon recovery after shifting cultivation. Journal of Vegetation Science, 2021, 32, e13071.	1.1	9
56	Thermal differences between juveniles and adults increased over time in European forest trees. Journal of Ecology, 2021, 109, 3944-3957.	1.9	4
57	Biomass increment and carbon sequestration in hedgerow-grown trees. Dendrochronologia, 2021, 70, 125894.	1.0	10
58	Microclimatic edge-to-interior gradients of European deciduous forests. Agricultural and Forest Meteorology, 2021, 311, 108699.	1.9	38
59	Forest edges, tree diversity and tree identity change leaf miner diversity in a temperate forest. Insect Conservation and Diversity, 2020, 13, 10-22.	1.4	6
60	Contrasting patterns of tree species mixture effects on wood Î´13C along an environmental gradient. European Journal of Forest Research, 2020, 139, 229-245.	1.1	7
61	Drivers of aboveâ€ground understorey biomass and nutrient stocks in temperate deciduous forests. Journal of Ecology, 2020, 108, 982-997.	1.9	25
62	Contrasting microclimates among hedgerows and woodlands across temperate Europe. Agricultural and Forest Meteorology, 2020, 281, 107818.	1.9	27
63	TRY plant trait database â€“ enhanced coverage and open access. Global Change Biology, 2020, 26, 119-188.	4.2	1,038
64	Light availability and landâ€use history drive biodiversity and functional changes in forest herb layer communities. Journal of Ecology, 2020, 108, 1411-1425.	1.9	49
65	Plant functional trait response to environmental drivers across European temperate forest understorey communities. Plant Biology, 2020, 22, 410-424.	1.8	38
66	Light and warming drive forest understorey community development in different environments. Global Change Biology, 2020, 26, 1681-1696.	4.2	42
67	Edge influence on understorey plant communities depends on forest management. Journal of Vegetation Science, 2020, 31, 281-292.	1.1	40
68	High ecosystem service delivery potential of small woodlands in agricultural landscapes. Journal of Applied Ecology, 2020, 57, 4-16.	1.9	46
69	Increasing liana frequency in temperate European forest understories is driven by ivy. Frontiers in Ecology and the Environment, 2020, 18, 550-557.	1.9	13
70	Response to Comment on â€œForest microclimate dynamics drive plant responses to warmingâ€• Science, 2020, 370, .	6.0	1
71	What do scientists and managers know about soil biodiversity? Comparative knowledge mapping for sustainable forest management. Forest Policy and Economics, 2020, 119, 102264.	1.5	9
72	Tree species diversity improves beech growth and alters its physiological response to drought. Trees - Structure and Function, 2020, 34, 1059-1073.	0.9	7

#	Article	IF	Citations
73	Restoring tropical forest composition is more difficult, but recovering tree-cover is faster, when neighbouring forests are young. Landscape Ecology, 2020, 35, 1403-1416.	1.9	3
74	Forest microclimate dynamics drive plant responses to warming. Science, 2020, 368, 772-775.	6.0	385
75	Plant diversity in hedgerows and road verges across Europe. Journal of Applied Ecology, 2020, 57, 1244-1257.	1.9	42
76	Hedging against biodiversity loss: Forest herbsâ€™ performance in hedgerows across temperate Europe. Journal of Vegetation Science, 2020, 31, 817-829.	1.1	8
77	Structural variation of forest edges across Europe. Forest Ecology and Management, 2020, 462, 117929.	1.4	35
78	Individualistic responses of forest herb traits to environmental change. Plant Biology, 2020, 22, 601-614.	1.8	14
79	Replacements of small- by large-ranged species scale up to diversity loss in Europeâ€™s temperate forest biome. Nature Ecology and Evolution, 2020, 4, 802-808.	3.4	67
80	Response to Comment on â€œForest microclimate dynamics drive plant responses to warmingâ€• Science, 2020, 370, .	6.0	3
81	Importance of overstorey attributes for understorey litter production and nutrient cycling in European forests. Forest Ecosystems, 2020, 7, 45.	1.3	5
82	Vertical stratification of moth communities in a deciduous forest in Belgium. Insect Conservation and Diversity, 2019, 12, 121-130.	1.4	11
83	Soil heterogeneity in tree mixtures depends on spatial clustering of tree species. Basic and Applied Ecology, 2019, 39, 38-47.	1.2	4
84	Tree regeneration responds more to shade casting by the overstorey and competition in the understorey than to abundance per se. Forest Ecology and Management, 2019, 450, 117492.	1.4	25
85	Understorey phylogenetic diversity in thermophilous deciduous forests: overstorey species identity can matter more than species richness. Forest Ecosystems, 2019, 6, .	1.3	6
86	The functional role of temperate forest understorey vegetation in a changing world. Global Change Biology, 2019, 25, 3625-3641.	4.2	165
87	Forest conversion to conifers induces a regime shift in soil process domain affecting carbon stability. Soil Biology and Biochemistry, 2019, 136, 107540.	4.2	18
88	How do trees respond to species mixing in experimental compared to observational studies?. Ecology and Evolution, 2019, 9, 11254-11265.	0.8	8
89	Seasonal drivers of understorey temperature buffering in temperate deciduous forests across Europe. Global Ecology and Biogeography, 2019, 28, 1774-1786.	2.7	115
90	Direct and understorey-mediated indirect effects of human-induced environmental changes on litter decomposition in temperate forest. Soil Biology and Biochemistry, 2019, 138, 107579.	4.2	13

#	Article	IF	Citations
91	Larger direct than indirect effects of multiple environmental changes on leaf nitrogen of forest herbs. Plant and Soil, 2019, 445, 199-216.	1.8	9
92	Modelling leaf dispersal and nutrient return in tree species mixtures. Forest Ecology and Management, 2019, 436, 68-78.	1.4	14
93	Plantâ€“soil feedbacks of forest understorey plants transplanted in nonlocal soils along a latitudinal gradient. Plant Biology, 2019, 21, 677-687.	1.8	7
94	Interactive effects of past land use and recent forest management on the understorey community in temperate oak forests in South Sweden. Journal of Vegetation Science, 2019, 30, 917-928.	1.1	24
95	Forest edges reduce slug (but not snail) activity-density across Western Europe. Pedobiologia, 2019, 75, 34-37.	0.5	3
96	The effect of mass-flowering orchards and semi-natural habitat on bumblebee colony performance. Landscape Ecology, 2019, 34, 1033-1044.	1.9	28
97	Strength of forest edge effects on litterâ€dwelling macroâ€arthropods across Europe is influenced by forest age and edge properties. Diversity and Distributions, 2019, 25, 963-974.	1.9	21
98	A general framework for quantifying the effects of land-use history on ecosystem dynamics. Ecological Indicators, 2019, 107, 105395.	2.6	5
99	Cascading effects of canopy mortality drive longâ€term changes in understorey diversity in temperate oldâ€growth forests of Europe. Journal of Vegetation Science, 2019, 30, 905-916.	1.1	11
100	Effects of decomposing beech (Fagus sylvatica) logs on the chemistry of acidified sand and loam soils in two forest reserves in Flanders (northern Belgium). Forest Ecology and Management, 2019, 445, 70-81.	1.4	12
101	Biotic predictors complement models of bat and bird responses to climate and tree diversity in European forests. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20182193.	1.2	21
102	Forest fragmentation and tree species composition jointly shape breeding performance of two avian insectivores. Forest Ecology and Management, 2019, 443, 95-105.	1.4	9
103	Plant species identity and soil characteristics determine rhizosphere soil bacteria community composition in European temperate forests. FEMS Microbiology Ecology, 2019, 95, .	1.3	19
104	Effects of climate change and horticultural use on the spread of naturalized alien garden plants in Europe. Ecography, 2019, 42, 1548-1557.	2.1	2
105	Small forest patches as pollinator habitat: oases in an agricultural desert?. Landscape Ecology, 2019, 34, 487-501.	1.9	38
106	Forest fragmentation modulates effects of tree species richness and composition on ecosystem multifunctionality. Ecology, 2019, 100, e02653.	1.5	32
107	Local soil characteristics determine the microbial communities under forest understorey plants along a latitudinal gradient. Basic and Applied Ecology, 2019, 36, 34-44.	1.2	10
108	Phytomining to re-establish phosphorus-poor soil conditions for nature restoration on former agricultural land. Plant and Soil, 2019, 440, 233-246.	1.8	4

#	Article	IF	Citations
109	Global buffering of temperatures under forest canopies. Nature Ecology and Evolution, 2019, 3, 744-749.	3.4	374
110	Avian top-down control affects invertebrate herbivory and sapling growth more strongly than overstorey species composition in temperate forest fragments. Forest Ecology and Management, 2019, 442, 1-9.	1.4	10
111	Contrasting vegetation change (1974â€“2015) in hedgerows and forests in an intensively used agricultural landscape. Applied Vegetation Science, 2019, 22, 269-281.	0.9	18
112	Importance of forest fragments as pollinator habitat varies with season and guild. Basic and Applied Ecology, 2019, 34, 95-107.	1.2	35
113	Litter quality, land-use history, and nitrogen deposition effects on topsoil conditions across European temperate deciduous forests. Forest Ecology and Management, 2019, 433, 405-418.	1.4	46
114	Identifying the tree species compositions that maximize ecosystem functioning in European forests. Journal of Applied Ecology, 2019, 56, 733-744.	1.9	58
115	Persistent land-use legacies increase small-scale diversity and strengthen vegetationâ€“soil relationships on an unmanaged heathland. Basic and Applied Ecology, 2019, 34, 15-24.	1.2	5
116	Environmental drivers interactively affect individual tree growth across temperate European forests. Global Change Biology, 2019, 25, 201-217.	4.2	44
117	Linkages between aboveground and belowground community compositions in grasslands along a historical land-use intensity gradient. Plant and Soil, 2019, 434, 289-304.	1.8	16
118	Distinct growth responses to drought for oak and beech in temperate mixed forests. Science of the Total Environment, 2019, 650, 3017-3026.	3.9	52
119	Context-Dependency of Agricultural Legacies in Temperate Forest Soils. Ecosystems, 2019, 22, 781-795.	1.6	25
120	Functional trait variation of forest understorey plant communities across Europe. Basic and Applied Ecology, 2019, 34, 1-14.	1.2	33
121	Species and structural diversity affect growth of oak, but not pine, in uneven-aged mature forests. Basic and Applied Ecology, 2018, 27, 41-50.	1.2	15
122	Early stage litter decomposition across biomes. Science of the Total Environment, 2018, 628-629, 1369-1394.	3.9	177
123	Regeneration responses to climate and land-use change of four subtropical tree species of the southern Central Andes. Forest Ecology and Management, 2018, 417, 110-121.	1.4	10
124	Dominance of individual plant species is more important than diversity in explaining plant biomass in the forest understorey. Journal of Vegetation Science, 2018, 29, 521-531.	1.1	24
125	Very large trees in a lowland old-growth beech (Fagus sylvatica L.) forest: Density, size, growth and spatial patterns in comparison to reference sites in Europe. Forest Ecology and Management, 2018, 417, 1-17.	1.4	33
126	Tree species diversity indirectly affects nutrient cycling through the shrub layer and its high-quality litter. Plant and Soil, 2018, 427, 335-350.	1.8	25

#	Article	IF	Citations
127	A million and more trees for science. Nature Ecology and Evolution, 2018, 2, 763-766.	3.4	90
128	Modelling understorey dynamics in temperate forests under global changeâ€“Challenges and perspectives. Perspectives in Plant Ecology, Evolution and Systematics, 2018, 31, 44-54.	1.1	45
129	Adapting forest management to climate change in Europe: Linking perceptions to adaptive responses. Forest Policy and Economics, 2018, 90, 22-30.	1.5	87
130	Atmospheric nitrogen deposition on petals enhances seed quality of the forest herb Anemone nemorosa. Plant Biology, 2018, 20, 619-626.	1.8	7
131	Plant and soil microbe responses to light, warming and nitrogen addition in a temperate forest. Functional Ecology, 2018, 32, 1293-1303.	1.7	38
132	Global environmental change effects on plant community composition trajectories depend upon management legacies. Global Change Biology, 2018, 24, 1722-1740.	4.2	93
133	Tree seedling vitality improves with functional diversity in a Mediterranean common garden experiment. Forest Ecology and Management, 2018, 409, 614-633.	1.4	10
134	Desiccation resistance determines distribution of woodlice along forest edge-to-interior gradients. European Journal of Soil Biology, 2018, 85, 1-3.	1.4	10
135	Linking macrodetritivore distribution to desiccation resistance in small forest fragments embedded in agricultural landscapes in Europe. Landscape Ecology, 2018, 33, 407-421.	1.9	18
136	Synthesis and future research directions linking tree diversity to growth, survival, and damage in a global network of tree diversity experiments. Environmental and Experimental Botany, 2018, 152, 68-89.	2.0	113
137	Soil properties and neighbouring forest cover affect aboveâ€ground biomass and functional composition during tropical forest restoration. Applied Vegetation Science, 2018, 21, 179-189.	0.9	19
138	Ecological restoration efforts in tropical rural landscapes: Challenges and policy implications in a highly degraded region. Land Use Policy, 2018, 75, 486-493.	2.5	13
139	Low probability of a dilution effect for Lyme borreliosis in Belgian forests. Ticks and Tick-borne Diseases, 2018, 9, 1143-1152.	1.1	15
140	Leaf herbivory is more impacted by forest composition than by tree diversity or edge effects. Basic and Applied Ecology, 2018, 29, 79-88.	1.2	13
141	Species diversity, pollinator resource value and edibility potential of woody networks in the countryside in northern Belgium. Agriculture, Ecosystems and Environment, 2018, 259, 119-126.	2.5	19
142	Tree species effects are amplified by clay content in acidic soils. Soil Biology and Biochemistry, 2018, 121, 43-49.	4.2	29
143	Overyielding in young tree plantations is driven by local complementarity and selection effects related to shade tolerance. Journal of Ecology, 2018, 106, 1096-1105.	1.9	61
144	Altered microbial communities and nitrogen availability in temperate forest edges. Soil Biology and Biochemistry, 2018, 116, 179-188.	4.2	18

#	Article	IF	Citations
145	Driving Factors Behind Litter Decomposition and Nutrient Release at Temperate Forest Edges. Ecosystems, 2018, 21, 755-771.	1.6	13
146	Year-to-year variation in the density of Ixodes ricinus ticks and the prevalence of the rodent-associated human pathogens Borrelia afzelii and B. miyamotoi in different forest types. Ticks and Tick-borne Diseases, 2018, 9, 141-145.	1.1	14
147	Knowledge gaps about mixed forests: What do European forest managers want to know and what answers can science provide?. Forest Ecology and Management, 2018, 407, 106-115.	1.4	90
148	Effects of Mineral Soil and Forest Floor on the Regeneration of Pedunculate Oak, Beech and Red Oak. Forests, 2018, 9, 66.	0.9	3
149	Mitigating the impact of microbial pressure on great (Parus major) and blue (Cyanistes caeruleus) tit hatching success through maternal immune investment. PLoS ONE, 2018, 13, e0204022.	1.1	6
150	Role of mustelids in the life-cycle of ixodid ticks and transmission cycles of four tick-borne pathogens. Parasites and Vectors, 2018, 11, 600.	1.0	21
151	Effects of drought legacy and tree species admixing on bacterial growth and respiration in a young forest soil upon drying and rewetting. Soil Biology and Biochemistry, 2018, 127, 148-155.	4.2	9
152	Can tree species richness attenuate the effect of drought on organic matter decomposition and stabilization in young plantation forests?. Acta Oecologica, 2018, 93, 30-40.	0.5	5
153	Competition, tree age and size drive the productivity of mixed forests of pedunculate oak, beech and red oak. Forest Ecology and Management, 2018, 430, 609-617.	1.4	17
154	Nutrient supply at the local tree level in mixed forests of sessile oak and beech. European Journal of Forest Research, 2018, 137, 807-817.	1.1	2
155	Observer and relocation errors matter in resurveys of historical vegetation plots. Journal of Vegetation Science, 2018, 29, 812-823.	1.1	51
156	Effects of charcoal hearth soil on forest regeneration: Evidence from a two-year experiment on tree seedlings. Forest Ecology and Management, 2018, 427, 37-44.	1.4	22
157	Responses of competitive understorey species to spatial environmental gradients inaccurately explain temporal changes. Basic and Applied Ecology, 2018, 30, 52-64.	1.2	11
158	The legacy of mixed planting and precipitation reduction treatments on soil microbial activity, biomass and community composition in a young tree plantation. Soil Biology and Biochemistry, 2018, 124, 227-235.	4.2	39
159	Using archived television video footage to quantify phenology responses to climate change. Methods in Ecology and Evolution, 2018, 9, 1874-1882.	2.2	15
160	Macro-detritivore identity and biomass along with moisture availability control forest leaf litter breakdown in a field experiment. Applied Soil Ecology, 2018, 131, 47-54.	2.1	10
161	How does roadside vegetation management affect the diversity of vascular plants and invertebrates? A systematic review. Environmental Evidence, 2018, 7, .	1.1	49
162	Monitoring the Impact of Hedgerows and Grass Strips on the Performance of Multiple Ecosystem Service Indicators. Environmental Management, 2018, 62, 241-259.	1.2	11

#	Article	IF	Citations
163	Understanding context dependency in the response of forest understorey plant communities to nitrogen deposition. Environmental Pollution, 2018, 242, 1787-1799.	3.7	49
164	Habitat properties are key drivers of Borrelia burgdorferi (s.l.) prevalence in Ixodes ricinus populations of deciduous forest fragments. Parasites and Vectors, 2018, 11, 23.	1.0	42
165	Phosphorus mining efficiency declines with decreasing soil P concentration and varies across crop species. International Journal of Phytoremediation, 2018, 20, 939-946.	1.7	6
166	Biological Flora of the British Isles: Milium effusum. Journal of Ecology, 2017, 105, 839-858.	1.9	7
167	The old charcoal kiln sites in Central Italian forest landscapes. Quaternary International, 2017, 458, 214-223.	0.7	38
168	Molecular detection of tick-borne pathogens Borrelia afzelii, Borrelia miyamotoi and Anaplasma phagocytophilum in Eurasian red squirrels (Sciurus vulgaris). European Journal of Wildlife Research, 2017, 63, 1.	0.7	14
169	Changes in the nature of environmental limitation in two forest herbs during two decades of forest succession. Journal of Vegetation Science, 2017, 28, 883-892.	1.1	10
170	Latitudinal variation of life-history traits of an exotic and a native impatiens species in Europe. Acta Oecologica, 2017, 81, 40-47.	0.5	3
171	Tree size and local neighbourhood affect foliar nutrient content in a mixed plantation of beech (Fagus sylvatica) and maple (Acer pseudoplatanus). Forest Ecology and Management, 2017, 400, 159-172.	1.4	4
172	Melting pot of tick-borne zoonoses: the European hedgehog contributes to the maintenance of various tick-borne diseases in natural cycles urban and suburban areas. Parasites and Vectors, 2017, 10, 134.	1.0	65
173	Combining Biodiversity Resurveys across Regions to Advance Global Change Research. BioScience, 2017, 67, 73-83.	2.2	89
174	Climate warming and atmospheric deposition affect seed viability of common juniper (Juniperus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 135-144.	0.7	11
175	Where does the community start, and where does it end? Including the seed bank to reassess forest herb layer responses to the environment. Journal of Vegetation Science, 2017, 28, 424-435.	1.1	21
176	Predicting the spatial and temporal dynamics of species interactions in Fagus sylvatica and Pinus sylvestris forests across Europe. Forest Ecology and Management, 2017, 405, 112-133.	1.4	40
177	Pâ€removal for restoration of Nardus grasslands on former agricultural land: cutting traditions. Restoration Ecology, 2017, 25, S178.	1.4	22
178	Biodiversity and ecosystem functioning relations in European forests depend on environmental context. Ecology Letters, 2017, 20, 1414-1426.	3.0	244
179	EuMIXFOR empirical forest mensuration and ring width data from pure and mixed stands of Scots pine (Pinus sylvestris L.) and European beech (Fagus sylvatica L.) through Europe. Annals of Forest Science, 2017, 74, 1.	0.8	27
180	Quantifying establishment limitations during the ecological restoration of speciesâ€rich Nardus grassland. Applied Vegetation Science, 2017, 20, 594-607.	0.9	8

#	Article	IF	Citations
181	Edge effects in temperate forests subjected to high nitrogen deposition. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E7032.	3.3	6
182	How tree species identity and diversity affect light transmittance to the understory in mature temperate forests. Ecology and Evolution, 2017, 7, 10861-10870.	0.8	56
183	Plasticity of tree architecture through interspecific and intraspecific competition in a young experimental plantation. Forest Ecology and Management, 2017, 385, 1-9.	1.4	49
184	Functional Composition of Tree Communities Changed Topsoil Properties in an Old Experimental Tropical Plantation. Ecosystems, 2017, 20, 861-871.	1.6	15
185	Local neighbourhood effects on sapling growth in a young experimental forest. Forest Ecology and Management, 2017, 384, 424-443.	1.4	13
186	Edge effects on N2O, NO and CH4 fluxes in two temperate forests. Science of the Total Environment, 2017, 575, 1150-1155.	3.9	9
187	Environmental drivers of Ixodes ricinus abundance in forest fragments of rural European landscapes. BMC Ecology, 2017, 17, 31.	3.0	43
188	Stronger diversity effects with increased environmental stress: A study of multitrophic interactions between oak, powdery mildew and ladybirds. PLoS ONE, 2017, 12, e0176104.	1.1	6
189	Salmonella Typhimurium DT193 and DT99 are present in great and blue tits in Flanders, Belgium. PLoS ONE, 2017, 12, e0187640.	1.1	3
190	Former charcoal platforms in Mediterranean forest areas: a hostile microhabitat for the recolonization by woody species. IForest, 2017, 10, 136-144.	0.5	10
191	Tree species identity outweighs the effects of tree species diversity and forest fragmentation on understorey diversity and composition. Plant Ecology and Evolution, 2017, 150, 229-239.	0.3	28
192	Biodiversity as insurance for sapling survival in experimental tree plantations. Journal of Applied Ecology, 2016, 53, 1777-1786.	1.9	24
193	Former charcoal kiln platforms as microhabitats affecting understorey vegetation in Mediterranean forests. Applied Vegetation Science, 2016, 19, 486-497.	0.9	32
194	Acidoâ€•and neutrophilic temperate forest plants display distinct shifts in ecological pH niche across northâ€western Europe. Ecography, 2016, 39, 1164-1175.	2.1	10
195	Jack-of-all-trades effects drive biodiversityâ€“ecosystem multifunctionality relationships in European forests. Nature Communications, 2016, 7, 11109.	5.8	185
196	Diversifying forest communities may change Lyme disease risk: extra dimension to the dilution effect in Europe. Parasitology, 2016, 143, 1310-1319.	0.7	28
197	Mixing of Scots pine (Pinus sylvestris L.) and European beech (Fagus sylvatica L.) enhances structural heterogeneity, and the effect increases with water availability. Forest Ecology and Management, 2016, 373, 149-166.	1.4	115
198	Identity rather than richness drives local neighbourhood species composition effects on oak sapling growth in a young forest. Forest Ecology and Management, 2016, 380, 274-284.	1.4	11

#	Article	IF	Citations
199	Complementary distribution patterns of arthropod detritivores (woodlice and millipedes) along forest edgeâ€toâ€interior gradients. Insect Conservation and Diversity, 2016, 9, 456-469.	1.4	19
200	Increased temperatures negatively affect Juniperus communis seeds: evidence from transplant experiments along a latitudinal gradient. Plant Biology, 2016, 18, 417-422.	1.8	6
201	Bat and bird diversity along independent gradients of latitude and tree composition in European forests. Oecologia, 2016, 182, 529-537.	0.9	38
202	Strong gradients in nitrogen and carbon stocks at temperate forest edges. Forest Ecology and Management, 2016, 376, 45-58.	1.4	56
203	Beyond plantâ€“soil feedbacks: mechanisms driving plant community shifts due to landâ€use legacies in postâ€agricultural forests. Functional Ecology, 2016, 30, 1073-1085.	1.7	76
204	Global environmental change effects on ecosystems: the importance of landâ€use legacies. Global Change Biology, 2016, 22, 1361-1371.	4.2	148
205	Exploring life growth patterns in birch (Betula pendula). Scandinavian Journal of Forest Research, 2016, 31, 561-567.	0.5	9
206	Does neighbourhood tree diversity affect the crown arthropod community in saplings?. Biodiversity and Conservation, 2016, 25, 169-185.	1.2	12
207	Weather stations lack forest data. Science, 2016, 351, 234-234.	6.0	72
208	Mixing effects on litter decomposition rates in a young tree diversity experiment. Acta Oecologica, 2016, 70, 79-86.	0.5	31
209	Ecosystem Services from Small Forest Patches in Agricultural Landscapes. Current Forestry Reports, 2016, 2, 30-44.	3.4	86
210	Biotic homogenization can decrease landscape-scale forest multifunctionality. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3557-3562.	3.3	196
211	Productivity, stand dynamics and the selection effect in a mixed willow clone short rotation coppice plantation. Biomass and Bioenergy, 2016, 87, 46-54.	2.9	25
212	Contributions of a global network of tree diversity experiments to sustainable forest plantations. Ambio, 2016, 45, 29-41.	2.8	203
213	500 years of coppice-with-standards management in Meerdaal Forest (Central Belgium). IForest, 2016, 9, 509-517.	0.5	11
214	16. How can forest managers help to reduce the risk for Lyme borreliosis?. Ecology and Control of Vector-Borne Diseases, 2016, , 233-241.	0.3	1
215	Intraspecific variation in flowering phenology affects seed germinability in the forest herb Primula elatior. Plant Ecology and Evolution, 2015, 148, 283-288.	0.3	9
216	Light accelerates plant responses to warming. Nature Plants, 2015, 1, 15110.	4.7	70

#	Article	IF	Citations
217	Functional identity explains carbon sequestration in a 77-year-old experimental tropical plantation. Ecosphere, 2015, 6, art198.	1.0	15
218	Strong negative impacts of whole tree harvesting in pine stands on poor, sandy soils: A long-term nutrient budget modelling approach. Forest Ecology and Management, 2015, 356, 101-111.	1.4	29
219	Phosphorus mining for ecological restoration on former agricultural land. Restoration Ecology, 2015, 23, 842-851.	1.4	25
220	The contribution of patchâ€scale conditions is greater than that of macroclimate in explaining local plant diversity in fragmented forests across <scp>E</scp>urope. Global Ecology and Biogeography, 2015, 24, 1094-1105.	2.7	43
221	Drivers of temporal changes in temperate forest plant diversity vary across spatial scales. Global Change Biology, 2015, 21, 3726-3737.	4.2	124
222	Disentangling tree species identity and richness effects on the herb layer: first results from a German tree diversity experiment. Journal of Vegetation Science, 2015, 26, 742-755.	1.1	29
223	Divergent regeneration responses of two closely related tree species to direct abiotic and indirect biotic effects of climate change. Forest Ecology and Management, 2015, 342, 21-29.	1.4	13
224	Hints for alternative stable states from longâ€term vegetation dynamics in an unmanaged heathland. Journal of Vegetation Science, 2015, 26, 254-266.	1.1	22
225	Disentangling dispersal from phylogeny in the colonization capacity of forest understorey plants. Journal of Ecology, 2015, 103, 175-183.	1.9	29
226	Indirect effects of landâ€use legacies determine tree colonization patterns in abandoned heathland. Applied Vegetation Science, 2015, 18, 456-466.	0.9	9
227	The effects of hemiparasitic plant removal on community structure and seedling establishment in semiâ€natural grasslands. Journal of Vegetation Science, 2015, 26, 409-420.	1.1	27
228	Growth and yield of mixed versus pure stands of Scots pine (Pinus sylvestris L.) and European beech (Fagus sylvatica L.) analysed along a productivity gradient through Europe. European Journal of Forest Research, 2015, 134, 927-947.	1.1	257
229	The analysis of spatio-temporal forest changes (1775â€“2000) in Flanders (northern Belgium) indicates habitat-specific levels of fragmentation and area loss. Landscape Ecology, 2015, 30, 247-259.	1.9	30
230	Contributing factors in foliar uptake of dissolved inorganic nitrogen at leaf level. Science of the Total Environment, 2015, 505, 992-1002.	3.9	17
231	Effects of neighbourhood identity and diversity on the foliar nutrition of sessile oak and beech. Forest Ecology and Management, 2015, 335, 108-117.	1.4	18
232	Relating changes in understorey diversity to environmental drivers in an ancient forest in northern Belgium. Plant Ecology and Evolution, 2014, 147, 22-32.	0.3	30
233	Distance to seed sources and landâ€use history affect forest development over a longâ€term heathland to forest succession. Journal of Vegetation Science, 2014, 25, 1493-1503.	1.1	43
234	Plant movements and climate warming: intraspecific variation in growth responses to nonlocal soils. New Phytologist, 2014, 202, 431-441.	3.5	29

#	Article	IF	Citations
235	Reply to Harwood et al.: Thermophilization estimation is robust to the scale of species distribution data. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E1166-E1166.	3.3	4
236	Negative effects of temperature and atmospheric depositions on the seed viability of common juniper (Juniperus communis). Annals of Botany, 2014, 113, 489-500.	1.4	24
237	Tree species determine the colonisation success of forest herbs in post-agricultural forests: Results from a 9 yr introduction experiment. Biological Conservation, 2014, 169, 238-247.	1.9	10
238	Hemiparasitic litter additions alter gross nitrogen turnover in temperate semi-natural grassland soils. Soil Biology and Biochemistry, 2014, 68, 419-428.	4.2	24
239	Metal and nutrient dynamics in decomposing tree litter on a metal contaminated site. Environmental Pollution, 2014, 189, 54-62.	3.7	28
240	Do diverse overstoreys induce diverse understoreys? Lessons learnt from an experimentalâ€“observational platform in Finland. Forest Ecology and Management, 2014, 318, 206-215.	1.4	32
241	The effects of local neighbourhood diversity on pest and disease damage of trees in a young experimental forest. Forest Ecology and Management, 2014, 334, 1-9.	1.4	35
242	Potential of Short Rotation Coppice plantations to reinforce functional biodiversity in agricultural landscapes. Biomass and Bioenergy, 2014, 67, 435-442.	2.9	23
243	Multilayered Modeling of Particulate Matter Removal by a Growing Forest over Time, From Plant Surface Deposition to Washoff via Rainfall. Environmental Science & Technology, 2014, 48, 10785-10794.	4.6	66
244	Spatio-temporal variation in seed predation by a native weevil in the invasive Prunus serotina. Flora: Morphology, Distribution, Functional Ecology of Plants, 2014, 209, 541-546.	0.6	3
245	A spatially explicit empirical model on actual and potential ancient forest plant diversity in a fragmented landscape. Landscape and Urban Planning, 2014, 130, 149-158.	3.4	5
246	Can shrub species with higher litter quality mitigate soil acidification in pine and oak forests on poor sandy soils?. Forest Ecology and Management, 2014, 330, 38-45.	1.4	13
247	Effects of enhanced nitrogen inputs and climate warming on a forest understorey plant assessed by transplant experiments along a latitudinal gradient. Plant Ecology, 2014, 215, 899-910.	0.7	16
248	Latitudinal variation in seeds characteristics of Acer platanoides and A. pseudoplatanus. Plant Ecology, 2014, 215, 911-925.	0.7	23
249	Ecosystem services of mixed species forest stands and monocultures: comparing practitioners' and scientists' perceptions with formal scientific knowledge. Forestry, 2014, 87, 639-653.	1.2	44
250	A modelâ€based approach to studying changes in compositional heterogeneity. Methods in Ecology and Evolution, 2014, 5, 156-164.	2.2	19
251	Forest herbs show species-specific responses to variation in light regime on sites with contrasting soil acidity: An experiment mimicking forest conversion scenarios. Basic and Applied Ecology, 2014, 15, 316-325.	1.2	5
252	Critical phases in the seed development of common juniper (Juniperus communis). Plant Biology, 2013, 15, 210-219.	1.8	31

#	Article	IF	Citations
253	Can soil acidity and light help to explain tree species effects on forest herb layer performance in post-agricultural forests?. Plant and Soil, 2013, 373, 183-199.	1.8	11
254	Nutrient input from hemiparasitic litter favors plant species with a fast-growth strategy. Plant and Soil, 2013, 371, 53-66.	1.8	17
255	Unexpected long-range edge-to-forest interior environmental gradients. Landscape Ecology, 2013, 28, 439-453.	1.9	26
256	Do Leaf Characteristics of White Willow (Salix alba L.), Northern Red Oak (Quercus rubra L.), and Scots Pine (Pinus sylvestris L.) Respond Differently to Ambient Air Pollution and Other Environmental Stressors?. Water, Air, and Soil Pollution, 2013, 224, 1.	1.1	19
257	Edge Effects on Soil Acidification in Forests on Sandy Soils Under High Deposition Load. Water, Air, and Soil Pollution, 2013, 224, 1.	1.1	13
258	Microclimate moderates plant responses to macroclimate warming. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 18561-18565.	3.3	523
259	Global meta-analysis reveals no net change in local-scale plant biodiversity over time. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 19456-19459.	3.3	464
260	Forest herb layer response to long-term light deficit along a forest developmental series. Acta Oecologica, 2013, 53, 63-72.	0.5	32
261	Understorey vegetation shifts following the conversion of temperate deciduous forest to spruce plantation. Forest Ecology and Management, 2013, 289, 363-370.	1.4	37
262	Temporal changes in forest plant communities at different site types. Applied Vegetation Science, 2013, 16, 237-247.	0.9	32
263	The use of Leaf Characteristics of Common Oak (Quercus Robur L.) to Monitor Ambient Ammonia Concentrations. Water, Air, and Soil Pollution, 2013, 224, 1.	1.1	3
264	A novel comparative research platform designed to determine the functional significance of tree species diversity in European forests. Perspectives in Plant Ecology, Evolution and Systematics, 2013, 15, 281-291.	1.1	179
265	Landownership is an unexplored determinant of forest understory plant composition in Northern France. Forest Ecology and Management, 2013, 306, 281-291.	1.4	13
266	Ecological niche shifts of understorey plants along a latitudinal gradient of temperate forests in northâ€western <scp>E</scp>urope. Global Ecology and Biogeography, 2013, 22, 1130-1140.	2.7	53
267	Climatic control of forest herb seed banks along a latitudinal gradient. Global Ecology and Biogeography, 2013, 22, 1106-1117.	2.7	24
268	The response of the foliar antioxidant system and stable isotopes (Î´13C and Î´15N) of white willow to low-level air pollution. Plant Physiology and Biochemistry, 2013, 67, 154-161.	2.8	8
269	Latitudinal gradients as natural laboratories to infer species' responses to temperature. Journal of Ecology, 2013, 101, 784-795.	1.9	315
270	Influence of canopy budget model approaches on atmospheric deposition estimates to forests. Biogeochemistry, 2013, 116, 215-229.	1.7	17

#	Article	IF	Citations
271	Application of the Ancient Forest Concept to Potential Natural Vegetation Mapping in Flanders, A Strongly Altered Landscape in Northern Belgium. Folia Geobotanica, 2013, 48, 137-162.	0.4	19
272	Assessment of the functional role of tree diversity: the multi-site FORBIO experiment. Plant Ecology and Evolution, 2013, 146, 26-35.	0.3	38
273	The response of forest plant regeneration to temperature variation along a latitudinal gradient. Annals of Botany, 2012, 109, 1037-1046.	1.4	41
274	Seed banking in ancient forest species: why total sampled area really matters. Seed Science Research, 2012, 22, 123-133.	0.8	16
275	The abundance ofIxodes ricinusticks depends on tree species composition and shrub cover. Parasitology, 2012, 139, 1273-1281.	0.7	48
276	Retention of Dissolved Inorganic Nitrogen by Foliage and Twigs of Four Temperate Tree Species. Ecosystems, 2012, 15, 1093-1107.	1.6	32
277	Variability of stomatal conductance, leaf anatomy, and seasonal leaf wettability of young and adult European beech leaves along a vertical canopy gradient. Trees - Structure and Function, 2012, 26, 1427-1438.	0.9	34
278	Canopy Uptake of 15NH3 by Four Temperate Tree Species and the Interaction with Leaf Properties. Water, Air, and Soil Pollution, 2012, 223, 5643-5657.	1.1	15
279	Local habitat and landscape affect Ixodes ricinus tick abundances in forests on poor, sandy soils. Forest Ecology and Management, 2012, 265, 30-36.	1.4	59
280	Diverging effects of two contrasting tree species on soil and herb layer development in a chronosequence of post-agricultural forest. Forest Ecology and Management, 2012, 278, 90-100.	1.4	22
281	Impact of mechanized harvesting on compaction of sandy and clayey forest soils: results of a meta-analysis. Annals of Forest Science, 2012, 69, 533-542.	0.8	98
282	Four decades of post-agricultural forest development have caused major redistributions of soil phosphorus fractions. Oecologia, 2012, 169, 221-234.	0.9	75
283	Distinguishing between turnover and nestedness in the quantification of biotic homogenization. Biodiversity and Conservation, 2012, 21, 1399-1409.	1.2	62
284	Driving factors behind the eutrophication signal in understorey plant communities of deciduous temperate forests. Journal of Ecology, 2012, 100, 352-365.	1.9	214
285	Tree species traits cause divergence in soil acidification during four decades of postagricultural forest development. Global Change Biology, 2012, 18, 1127-1140.	4.2	124
286	On the use of weather data in ecological studies along altitudinal and latitudinal gradients. Oikos, 2012, 121, 3-19.	1.2	135
287	Trends in atmospheric nitrogen and sulphur deposition in northern Belgium. Atmospheric Environment, 2012, 49, 186-196.	1.9	24
288	Experimental assessment of the survival and performance of forest herbs transplanted beyond their range limit. Basic and Applied Ecology, 2012, 13, 10-19.	1.2	25

#	Article	IF	Citations
289	Throughfall deposition and canopy exchange processes along a vertical gradient within the canopy of beech (Fagus sylvatica L.) and Norway spruce (Picea abies (L.) Karst). Science of the Total Environment, 2012, 420, 168-182.	3.9	62
290	In situ gross nitrogen transformations differ between temperate deciduous and coniferous forest soils. Biogeochemistry, 2012, 108, 259-277.	1.7	44
291	Interregional variation in the floristic recovery of postâ€agricultural forests. Journal of Ecology, 2011, 99, 600-609.	1.9	50
292	Genetic structure and seed-mediated dispersal rates of an endangered shrub in a fragmented landscape: a case study for Juniperus communis in northwestern Europe. BMC Genetics, 2011, 12, 73.	2.7	22
293	Long-term scenarios of the invasive black cherry in pine-oak forest: Impact of regeneration success. Acta Oecologica, 2011, 37, 203-211.	0.5	9
294	Experimental assessment of ecological restoration options for compacted forest soils. Ecological Engineering, 2011, 37, 1734-1746.	1.6	42
295	Cumulative nitrogen input drives species loss in terrestrial ecosystems. Global Ecology and Biogeography, 2011, 20, 803-816.	2.7	194
296	A latitudinal gradient in seed nutrients of the forest herb Anemone nemorosa. Plant Biology, 2011, 13, 493-501.	1.8	31
297	Temperature effects on forest herbs assessed by warming and transplant experiments along a latitudinal gradient. Global Change Biology, 2011, 17, 3240-3253.	4.2	112
298	Clear-felling effects on colonization rates of shade-tolerant forest herbs into a post-agricultural forest adjacent to ancient forest. Applied Vegetation Science, 2011, 14, 75-83.	0.9	22
299	The effect of air pollution and other environmental stressors on leaf fluctuating asymmetry and specific leaf area of Salix alba L. Environmental Pollution, 2011, 159, 2405-2411.	3.7	39
300	Effects of soil compaction on growth and survival of tree saplings: A meta-analysis. Basic and Applied Ecology, 2011, 12, 394-402.	1.2	48
301	Can tree species choice influence recruitment of ancient forest species in post-agricultural forest?. Plant Ecology, 2011, 212, 573-584.	0.7	16
302	Former land use affects the nitrogen and phosphorus concentrations and biomass of forest herbs. Plant Ecology, 2011, 212, 901-909.	0.7	30
303	Foliar Nitrogen Uptake from Wet Deposition and the Relation with Leaf Wettability and Water Storage Capacity. Water, Air, and Soil Pollution, 2011, 219, 43-57.	1.1	58
304	Soil Inorganic N Leaching in Edges of Different Forest Types Subject to High N Deposition Loads. Ecosystems, 2011, 14, 818-834.	1.6	15
305	Spatio-temporal litterfall dynamics in a 60-year-old mixed deciduous forest. Annals of Forest Science, 2011, 68, 89-98.	0.8	34
306	Factors affecting radial growth of the invasive Prunus serotina in pine plantations in Flanders. European Journal of Forest Research, 2010, 129, 367-375.	1.1	11

#	Article	IF	Citations
307	Plasticity in response to phosphorus and light availability in four forest herbs. Oecologia, 2010, 163, 1021-1032.	0.9	34
308	Prunus serotina unleashed: invader dominance after 70Âyears of forest development. Biological Invasions, 2010, 12, 1113-1124.	1.2	25
309	The use of openâ€top chambers in forests for evaluating warming effects on herbaceous understorey plants. Ecological Research, 2010, 25, 163-171.	0.7	61
310	From â€œsmart regulationâ€• to â€œregulatory arrangementsâ€• Policy Sciences, 2010, 43, 245-261.	1.5	33
311	The potential of biomonitoring of air quality using leaf characteristics of white willow (Salix alba) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.3	32
312	Early Trajectories of Spontaneous Vegetation Recovery after Intensive Agricultural Land Use. Restoration Ecology, 2010, 18, 379-386.	1.4	53
313	Seed banks of temperate deciduous forests during secondary succession. Journal of Vegetation Science, 2010, 21, 965-978.	1.1	24
314	Unexpected understorey community development after 30â€ƒyears in ancient and postâ€agricultural forests. Journal of Ecology, 2010, 98, 1447-1453.	1.9	70
315	Will the sleeping beauties wake up? Seasonal dormancy cycles in seeds of the holoparasiteCuscuta epithymum. Seed Science Research, 2010, 20, 23-30.	0.8	6
316	Forest herbs in the face of global change: a single-species-multiple-threats approach for Anemone nemorosa. Plant Ecology and Evolution, 2010, 143, 19-30.	0.3	31
317	Small-scale seed-bank patterns in a forest soil. Seed Science Research, 2010, 20, 13-22.	0.8	14
318	Significant effects of temperature on the reproductive output of the forest herb Anemone nemorosa L.. Forest Ecology and Management, 2010, 259, 809-817.	1.4	41
319	Assessing the effects of initial soil characteristics, machine mass and traffic intensity on forest soil compaction. Forest Ecology and Management, 2010, 260, 1664-1676.	1.4	111
320	Seed-bank convergence under different tree species during forest development. Perspectives in Plant Ecology, Evolution and Systematics, 2010, 12, 211-218.	1.1	24
321	The phosphorus legacy of former agricultural land use can affect the production of germinable seeds in forest herbs. Ecoscience, 2010, 17, 365-371.	0.6	10
322	Patterns of dissolved organic carbon and nitrogen fluxes in deciduous and coniferous forests under historic high nitrogen deposition. Biogeosciences, 2009, 6, 2743-2758.	1.3	52
323	Nutrient cycling in two continuous cover scenarios for forest conversion of pine plantations on sandy soil. II. Nutrient cycling via throughfall deposition and seepage flux. Canadian Journal of Forest Research, 2009, 39, 453-466.	0.8	3
324	Application of Humic Substances Results in Consistent Increases in Crop Yield and Nutrient Uptake. Journal of Plant Nutrition, 2009, 32, 1407-1426.	0.9	68

#	Article	IF	Citations
325	Forest seed banks along an intensity gradient of ancient agriculture. Seed Science Research, 2009, 19, 103-114.	0.8	12
326	Does Prunus serotina act as an aggressive invader in areas with a low propagule pressure?. Biological Invasions, 2009, 11, 1451-1462.	1.2	36
327	Low recruitment across life stages partly accounts for the slow colonization of forest herbs. Journal of Ecology, 2009, 97, 109-117.	1.9	72
328	Herb layer changes (1954â€2000) related to the conversion of coppiceâ€withâ€standards forest and soil acidification. Applied Vegetation Science, 2009, 12, 187-197.	0.9	96
329	Environmental limitation contributes to the differential colonization capacity of two forest herbs. Journal of Vegetation Science, 2009, 20, 209-223.	1.1	66
330	Metapopulation viability of an endangered holoparasitic plant in a dynamic landscape. Ecography, 2009, 32, 1040-1050.	2.1	11
331	Juniperus communis: victim of the combined action of climate warming and nitrogen deposition?. Plant Biology, 2009, 11, 49-59.	1.8	45
332	Unravelling the effects of temperature, latitude and local environment on the reproduction of forest herbs. Global Ecology and Biogeography, 2009, 18, 641-651.	2.7	44
333	Hidden in the host â€“ Unexpected vegetative hibernation of the holoparasite Cuscuta epithymum (L.) L. and its implications for population persistence. Flora: Morphology, Distribution, Functional Ecology of Plants, 2009, 204, 306-315.	0.6	9
334	Gradual forest edges can mitigate edge effects on throughfall deposition if their size and shape are well considered. Forest Ecology and Management, 2009, 257, 679-687.	1.4	25
335	Limited by the host: Host age hampers establishment of holoparasite Cuscuta epithymum. Acta Oecologica, 2009, 35, 533-540.	0.5	7
336	Germination requirements and seed mass of slow- and fast- colonizing temperate forest herbs along a latitudinal gradient. Ecoscience, 2009, 16, 248-257.	0.6	33
337	The seedling bank stabilizes the erratic early regeneration stages of the invasive Prunus serotina. Ecoscience, 2009, 16, 452-460.	0.6	10
338	Nutrient cycling in two continuous cover scenarios for forest conversion of pine plantations on sandy soil. I. Nutrient cycling via aboveground tree biomass. Canadian Journal of Forest Research, 2009, 39, 441-452.	0.8	8
339	Soil organic carbonâ€“stock changes in Flemish grassland soils from 1990 to 2000. Journal of Plant Nutrition and Soil Science, 2009, 172, 24-31.	1.1	17
340	Disentangling relationships between habitat conditions, disturbance history, plant diversity, and American black cherry (Prunus serotina Ehrh.) invasion in a European temperate forest. Diversity and Distributions, 2008, 14, 204-212.	1.9	81
341	Impact of avian frugivores on dispersal and recruitment of the invasive Prunus serotina in an agricultural landscape. Biological Invasions, 2008, 10, 717-727.	1.2	55
342	Impact of hemiparasitic Rhinanthus angustifolius and R. minor on nitrogen availability in grasslands. Plant and Soil, 2008, 311, 255-268.	1.8	38

#	Article	IF	Citations
343	Persistent changes in forest vegetation and seed bank 1,600Âyears after human occupation. Landscape Ecology, 2008, 23, 673-688.	1.9	48
344	Calculating Dry Deposition and Canopy Exchange with the Canopy Budget Model: Review of Assumptions and Application to Two Deciduous Forests. Water, Air, and Soil Pollution, 2008, 191, 149-169.	1.1	112
345	Can complementarity in water use help to explain diversityâ€“productivity relationships in experimental grassland plots?. Oecologia, 2008, 156, 351-361.	0.9	62
346	Rainfall partitioning into throughfall, stemflow, and interception within a single beech (Fagus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Processes, 2008, 22, 33-45.	1.1	207
347	Longâ€term seed bank dynamics in a temperate forest under conversion from coppiceâ€withâ€standards to high forest management. Applied Vegetation Science, 2008, 11, 251-260.	0.9	38
348	Nitrogen saturation and net ecosystem production. Nature, 2008, 451, E1-E1.	13.7	71
349	Unexpectedly high 20th century floristic losses in a rural landscape in northern France. Journal of Ecology, 2008, 96, 927-936.	1.9	66
350	The impact of forest edge structure on longitudinal patterns of deposition, wind speed, and turbulence. Atmospheric Environment, 2008, 42, 8651-8660.	1.9	60
351	Epizoochory by large herbivores: merging data with models. Basic and Applied Ecology, 2008, 9, 204-212.	1.2	42
352	Coppice management effects on experimentally established populations of three herbaceous layer woodland species. Biological Conservation, 2008, 141, 2641-2652.	1.9	28
353	Effect of vegetation type on throughfall deposition and seepage flux. Environmental Pollution, 2008, 153, 295-303.	3.7	47
354	Comparison of forest edge effects on throughfall deposition in different forest types. Environmental Pollution, 2008, 156, 854-861.	3.7	51
355	Diverging effects of overstorey conversion scenarios on the understorey vegetation in a former coppice-with-standards forest. Forest Ecology and Management, 2008, 256, 519-528.	1.4	96
356	Patterns of throughfall deposition along a transect in forest edges of silver birch and Corsican pine. Canadian Journal of Forest Research, 2008, 38, 449-461.	0.8	25
357	Comparison of Ceramic and Polytetrafluoroethene/Quartz Suction Cups for Sampling Inorganic Ions in Soil Solution. Communications in Soil Science and Plant Analysis, 2008, 39, 1105-1121.	0.6	5
358	Germination ecology of the holoparasite Cuscuta epithymum. Seed Science Research, 2008, 18, .	0.8	21
359	Garden plants get a head start on climate change. Frontiers in Ecology and the Environment, 2008, 6, 212-216.	1.9	100
360	On the importance of incorporating forest edge deposition for evaluating exceedance of critical pollutant loads. Applied Vegetation Science, 2007, 10, 293.	0.9	14

#	Article	IF	Citations
361	Management driven changes (1967â€“2005) in soil acidity and the understorey plant community following conversion of a coppice-with-standards forest. Forest Ecology and Management, 2007, 241, 258-271.	1.4	117
362	Impact of mechanized logging on compaction status of sandy forest soils. Forest Ecology and Management, 2007, 241, 162-174.	1.4	153
363	Local and regional factors affecting the distribution of the endangered holoparasite Cuscuta epithymum in heathlands. Biological Conservation, 2007, 140, 8-18.	1.9	13
364	Seasonal variation in throughfall and stemflow chemistry beneath a European beech (Fagus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 1359-1372.	0.8	71
365	Short-rotation forestry of birch, maple, poplar and willow in Flanders (Belgium) Iâ€”Biomass production after 4 years of tree growth. Biomass and Bioenergy, 2007, 31, 267-275.	2.9	96
366	Over the (range) edge: a 45-year transplant experiment with the perennial forest herbHyacinthoides non-scripta. Journal of Ecology, 2007, 95, 343-351.	1.9	42
367	Homogenization of forest plant communities and weakening of species?environment relationships via agricultural land use. Journal of Ecology, 2007, 95, 565-573.	1.9	300
368	Life-history traits are correlated with geographical distribution patterns of western European forest herb species. Journal of Biogeography, 2007, 34, 1723-1735.	1.4	63
369	Predicting patterns of invasion by black cherry (Prunus serotina Ehrh.) in Flanders (Belgium) and its impact on the forest understorey community. Diversity and Distributions, 2007, 13, 487-497.	1.9	55
370	Longâ€term dynamics in a planted conifer forest with spontaneous ingrowth of broadâ€leaved trees. Applied Vegetation Science, 2007, 10, 219-228.	0.9	13
371	On the importance of incorporating forest edge deposition for evaluating exceedance of critical pollutant loads. Applied Vegetation Science, 2007, 10, 293-298.	0.9	29
372	Legacies of the past in the present-day forest biodiversity: a review of past land-use effects on forest plant species composition and diversity. Ecological Research, 2007, 22, 361-371.	0.7	285
373	The effect of forest type on throughfall deposition and seepage flux: a review. Oecologia, 2007, 153, 663-674.	0.9	157
374	Legacies of the past in the present-day forest biodiversity: a review of past land-use effects on forest plant species composition and diversity. , 2007, , 361-371.		23
375	EXTINCTION DEBT OF FOREST PLANTS PERSISTS FOR MORE THAN A CENTURY FOLLOWING HABITAT FRAGMENTATION. Ecology, 2006, 87, 542-548.	1.5	405
376	Spatial variability and temporal stability of throughfall deposition under beech (Fagus sylvatica L.) in relationship to canopy structure. Environmental Pollution, 2006, 142, 254-263.	3.7	51
377	Longâ€term dynamics of the hemiparasite Rhinanthus angustifolius and its relationship with vegetation structure. Journal of Vegetation Science, 2006, 17, 637-646.	1.1	31
378	Landscape factors and regional differences in recovery rates of herb layer richness in Flanders (Belgium). Landscape Ecology, 2006, 21, 1109-1118.	1.9	25

#	Article	IF	Citations
379	Acidification of forested podzols in North Belgium during the period 1950â€“2000. Science of the Total Environment, 2006, 361, 189-195.	3.9	33
380	Growing stock-based assessment of the carbon stock in the Belgian forest biomass. Annals of Forest Science, 2005, 62, 853-864.	0.8	45
381	Effects of landscape structure on the invasive spread of black cherryPrunus serotinain an agricultural landscape in Flanders, Belgium. Ecography, 2005, 28, 99-109.	2.1	99
382	Meta-analysis of standing crop reduction byRhinanthus spp. and its effect on vegetation structure. Folia Geobotanica, 2005, 40, 289-310.	0.4	72
383	Intensive management fails to promote recruitment in the last large population of Juniperus communis (L.) in Flanders (Belgium). Biological Conservation, 2005, 124, 113-121.	1.9	19
384	Experimental assessment of plant seed retention times in fur of cattle and horse. Flora: Morphology, Distribution, Functional Ecology of Plants, 2005, 200, 136-147.	0.6	40
385	METAPOPULATION DYNAMICS IN CHANGING LANDSCAPES: A NEW SPATIALLY REALISTIC MODEL FOR FOREST PLANTS. Ecology, 2004, 85, 3302-3312.	1.5	108
386	An experimental assessment of seed adhesivity on animal furs. Seed Science Research, 2004, 14, 147-159.	0.8	71
387	Large herbivores as mobile links between isolated nature reserves through adhesive seed dispersal. Applied Vegetation Science, 2004, 7, 229-236.	0.9	121
388	Population structure and adult plant performance of forest herbs in three contrasting habitats. Ecography, 2004, 27, 225-241.	2.1	72
389	Impact of soil fertility and insolation on diversity of herbaceous woodland species colonizing afforestations in Muizen forest (Belgium). Forest Ecology and Management, 2004, 188, 291-304.	1.4	96
390	Recruitment and growth of herbâ€layer species with different colonizing capacities in ancient and recent forests. Journal of Vegetation Science, 2004, 15, 125-134.	1.1	98
391	Plant species loss in an urban area (Turnhout, Belgium) from 1880 to 1999 and its environmental determinants. Flora: Morphology, Distribution, Functional Ecology of Plants, 2004, 199, 516-523.	0.6	56
392	Herbaceous plant community structure of ancient and recent forests in two contrasting forest types. Basic and Applied Ecology, 2003, 4, 537-546.	1.2	39
393	Response of forest plant species to land-use change: a life-history trait-based approach. Journal of Ecology, 2003, 91, 563-577.	1.9	290
394	An integrated analysis of the effects of past land use on forest herb colonization at the landscape scale. Journal of Ecology, 2003, 91, 731-742.	1.9	142
395	Permeability of ancient forest edges for weedy plant species invasion. Forest Ecology and Management, 2002, 161, 109-122.	1.4	185
396	Possible effects of habitat fragmentation and climate change on the range of forest plant species. Ecology Letters, 2002, 5, 525-530.	3.0	242

#	Article	IF	Citations
397	Ecological perspectives for the restoration of plant communities in European temperate forests. Biodiversity and Conservation, 2002, 11, 213-242.	1.2	136
398	Spatioâ€temporal colonization patterns of forest plant species in a mixed deciduous forest. Journal of Vegetation Science, 2001, 12, 567-578.	1.1	60
399	The relative importance of dispersal limitation of vascular plants in secondary forest succession in Muizen Forest, Belgium. Journal of Ecology, 2001, 89, 829-840.	1.9	120
400	The land use history (1278-1990) of a mixed hardwood forest in western Belgium and its relationship with chemical soil characteristics. Journal of Biogeography, 1999, 26, 1115-1128.	1.4	196
401	Season as a discriminating factor for faecal metabolomic composition of great tits (Parus major). Belgian Journal of Zoology, 0, 150, .	0.5	1
402	Biotic Interactions as Mediators of Context-Dependent Biodiversity-Ecosystem Functioning Relationships. Research Ideas and Outcomes, 0, 8, .	1.0	10