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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

132 papers	5,192 citations	39 h-index	68 g-index
138 ext. papers	6,246 ext. citations	5.3 avg, IF	5.32 L-index

#	Paper	IF	Citations
132	Microclimate moderates plant responses to macroclimate warming. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 18561-5	11.5	372
131	Migration of vascular plants to secondary woodlands in southern Sweden. <i>Journal of Ecology</i> , 1998 , 86, 429-438	6	267
130	Homogenization of forest plant communities and weakening of species–environment relationships via agricultural land use. <i>Journal of Ecology</i> , 2007 , 95, 565-573	6	244
129	Driving factors behind the eutrophication signal in understorey plant communities of deciduous temperate forests. <i>Journal of Ecology</i> , 2012 , 100, 352-365	6	174
128	Replacing coniferous monocultures with mixed-species production stands: An assessment of the potential benefits for forest biodiversity in northern Europe. <i>Forest Ecology and Management</i> , 2010 , 260, 939-947	3.9	163
127	Forest microclimate dynamics drive plant responses to warming. <i>Science</i> , 2020 , 368, 772-775	33.3	162
126	Local temperatures inferred from plant communities suggest strong spatial buffering of climate warming across Northern Europe. <i>Global Change Biology</i> , 2013 , 19, 1470-81	11.4	152
125	Current near-to-nature forest management effects on functional trait composition of saproxylic beetles in beech forests. <i>Conservation Biology</i> , 2013 , 27, 605-14	6	145
124	The PREDICTS database: a global database of how local terrestrial biodiversity responds to human impacts. <i>Ecology and Evolution</i> , 2014 , 4, 4701-35	2.8	132
123	Land use effects on soil N, P, C and pH persist over 4080 years of forest growth on agricultural soils. <i>Forest Ecology and Management</i> , 2006 , 225, 74-81	3.9	120
122	Herb layer vegetation of south Swedish beech and oak forests—effects of management and soil acidity during one decade. <i>Forest Ecology and Management</i> , 1996 , 88, 259-272	3.9	118
121	On the use of weather data in ecological studies along altitudinal and latitudinal gradients. <i>Oikos</i> , 2012 , 121, 3-19	4	115
120	The database of the PREDICTS (Projecting Responses of Ecological Diversity In Changing Terrestrial Systems) project. <i>Ecology and Evolution</i> , 2017 , 7, 145-188	2.8	101
119	Drivers of temporal changes in temperate forest plant diversity vary across spatial scales. <i>Global Change Biology</i> , 2015 , 21, 3726-37	11.4	92
118	Temperature effects on forest herbs assessed by warming and transplant experiments along a latitudinal gradient. <i>Global Change Biology</i> , 2011 , 17, 3240-3253	11.4	88
117	How climate change adaptation and mitigation strategies can threaten or enhance the biodiversity of production forests: Insights from Sweden. <i>Biological Conservation</i> , 2016 , 194, 11-20	6.2	75
116	Understory succession in post-agricultural oak forests: Habitat fragmentation affects forest specialists and generalists differently. <i>Forest Ecology and Management</i> , 2011 , 262, 1863-1871	3.9	70

115	Plant colonization in heterogeneous landscapes: an 80-year perspective on restoration of broadleaved forest vegetation. <i>Journal of Applied Ecology</i> , 2007 , 44, 563-572	5.8	70
114	Vegetation classification and biogeography of European floodplain forests and alder carrs. <i>Applied Vegetation Science</i> , 2016 , 19, 147-163	3.3	68
113	Combining community resurvey data to advance global change research. <i>BioScience</i> , 2016 , 67, 73-83	5.7	66
112	Global environmental change effects on plant community composition trajectories depend upon management legacies. <i>Global Change Biology</i> , 2018 , 24, 1722-1740	11.4	65
111	Alien plant invasions in European woodlands. <i>Diversity and Distributions</i> , 2017 , 23, 969-981	5	64
110	Nitrogen mineralisation in deciduous forest soils in south Sweden in gradients of soil acidity and deposition. <i>Environmental Pollution</i> , 1998 , 102, 415-420	9.3	63
109	Factors influencing vegetation gradients across ancient-recent woodland borderlines in southern Sweden. <i>Journal of Vegetation Science</i> , 2000 , 11, 515-524	3.1	61
108	From broadleaves to spruce – the borealization of southern Sweden. <i>Scandinavian Journal of Forest Research</i> , 2014 , 29, 686-696	1.7	59
107	Forest History as a Basis for Ecosystem Restoration – A Multidisciplinary Case Study in a South Swedish Temperate Landscape. <i>Restoration Ecology</i> , 2007 , 15, 284-295	3.1	57
106	Changes in the abundance of keystone forest floor species in response to changes of forest structure. <i>Journal of Vegetation Science</i> , 2013 , 24, 296-306	3.1	56
105	Regional differences in floristic change in South Swedish oak forests as related to soil chemistry and land use. <i>Journal of Vegetation Science</i> , 1997 , 8, 329-336	3.1	54
104	Effects of Nitrogen Deposition: Results of a Temporal-Spatial Analysis of Deciduous Forests in South Sweden. <i>Plant Biology</i> , 1999 , 1, 471-481	3.7	53
103	Seasonal drivers of understorey temperature buffering in temperate deciduous forests across Europe. <i>Global Ecology and Biogeography</i> , 2019 , 28, 1774-1786	6.1	50
102	Interacting effects of tree characteristics on the occurrence of rare epiphytes in a Swedish beech forest area. <i>Bryologist</i> , 2009 , 112, 488-505	0.7	50
101	Low genetic diversity despite multiple introductions of the invasive plant species <i>Impatiens glandulifera</i> in Europe. <i>BMC Genetics</i> , 2015 , 16, 103	2.6	46
100	Ecological niche shifts of understorey plants along a latitudinal gradient of temperate forests in north-western Europe. <i>Global Ecology and Biogeography</i> , 2013 , 22, 1130-1140	6.1	45
99	Environmental and historical factors limiting the distribution of rare forest grasses in south Sweden. <i>Forest Ecology and Management</i> , 1993 , 61, 263-275	3.9	45
98	Trait variations of ground flora species disentangle the effects of global change and altered land-use in Swedish forests during 200 years. <i>Global Change Biology</i> , 2016 , 22, 4038-4047	11.4	45

97	Ecosystem Services from Small Forest Patches in Agricultural Landscapes. <i>Current Forestry Reports</i> , 2016 , 2, 30-44	8	44
96	Implications from large-scale spatial diversity patterns of saproxylic beetles for the conservation of European Beech forests. <i>Insect Conservation and Diversity</i> , 2013 , 6, 162-169	3.8	43
95	Colonization of secondary woodlands by <i>Anemone nemorosa</i> . <i>Nordic Journal of Botany</i> , 1998 , 18, 369-377	1.1	42
94	Dalby Sjöerskog revisited: long-term vegetation changes in a south Swedish deciduous forest. <i>Acta Oecologica</i> , 2007 , 31, 229-242	1.7	40
93	The contribution of patch-scale conditions is greater than that of macroclimate in explaining local plant diversity in fragmented forests across Europe. <i>Global Ecology and Biogeography</i> , 2015 , 24, 1094-1105	6.1	39
92	Unravelling the effects of temperature, latitude and local environment on the reproduction of forest herbs. <i>Global Ecology and Biogeography</i> , 2009 , 18, 641-651	6.1	37
91	Keeping pace with forestry: Multi-scale conservation in a changing production forest matrix. <i>Ambio</i> , 2020 , 49, 1050-1064	6.5	37
90	Replacements of small- by large-ranged species scale up to diversity loss in Europe's temperate forest biome. <i>Nature Ecology and Evolution</i> , 2020 , 4, 802-808	12.3	36
89	Life-history traits explain rapid colonization of young post-agricultural forests by understory herbs. <i>Forest Ecology and Management</i> , 2012 , 278, 55-62	3.9	36
88	Pattern and dynamics of the ground vegetation in south Swedish <i>Carpinus betulus</i> forests: importance of soil chemistry and management. <i>Ecography</i> , 1997 , 20, 513-520	6.5	35
87	An intraspecific application of the leaf-height-seed ecology strategy scheme to forest herbs along a latitudinal gradient. <i>Ecography</i> , 2011 , 34, 132-140	6.5	33
86	Significant effects of temperature on the reproductive output of the forest herb <i>Anemone nemorosa</i> L.. <i>Forest Ecology and Management</i> , 2010 , 259, 809-817	3.9	33
85	Restoration of beech forest for saproxylic beetles—Effects of habitat fragmentation and substrate density on species diversity and distribution. <i>Biodiversity and Conservation</i> , 2009 , 18, 2387-2404	3.4	33
84	The response of forest plant regeneration to temperature variation along a latitudinal gradient. <i>Annals of Botany</i> , 2012 , 109, 1037-46	4.1	32
83	Understanding context dependency in the response of forest understorey plant communities to nitrogen deposition. <i>Environmental Pollution</i> , 2018 , 242, 1787-1799	9.3	31
82	Environmental drivers interactively affect individual tree growth across temperate European forests. <i>Global Change Biology</i> , 2019 , 25, 201-217	11.4	31
81	Compositional changes of forest-floor vegetation in young stands of Norway spruce as an effect of repeated fertilisation. <i>Forest Ecology and Management</i> , 2010 , 259, 2418-2425	3.9	30
80	Litter quality, land-use history, and nitrogen deposition effects on topsoil conditions across European temperate deciduous forests. <i>Forest Ecology and Management</i> , 2019 , 433, 405-418	3.9	29

79	Phosphorus and nitrogen co-limitation of forest ground vegetation under elevated anthropogenic nitrogen deposition. <i>Oecologia</i> , 2017 , 185, 317-326	2.9	28
78	Modelling the distribution and compositional variation of plant communities at the continental scale. <i>Diversity and Distributions</i> , 2018 , 24, 978-990	5	26
77	Disjunct populations of European vascular plant species keep the same climatic niches. <i>Global Ecology and Biogeography</i> , 2015 , 24, 1401-1412	6.1	26
76	Plant movements and climate warming: intraspecific variation in growth responses to nonlocal soils. <i>New Phytologist</i> , 2014 , 202, 431-441	9.8	26
75	Half a century of multiple anthropogenic stressors has altered northern forest understory plant communities. <i>Ecological Applications</i> , 2019 , 29, e01874	4.9	26
74	Habitat properties are key drivers of <i>Borrelia burgdorferi</i> (s.l.) prevalence in <i>Ixodes ricinus</i> populations of deciduous forest fragments. <i>Parasites and Vectors</i> , 2018 , 11, 23	4	25
73	A latitudinal gradient in seed nutrients of the forest herb <i>Anemone nemorosa</i> . <i>Plant Biology</i> , 2011 , 13, 493-501	3.7	25
72	Influence of snag characteristics on saproxylic beetle assemblages in a south Swedish beech forest. <i>Journal of Insect Conservation</i> , 2009 , 13, 515-528	2.1	25
71	Environmental drivers of <i>Ixodes ricinus</i> abundance in forest fragments of rural European landscapes. <i>BMC Ecology</i> , 2017 , 17, 31	2.7	24
70	Light availability and land-use history drive biodiversity and functional changes in forest herb layer communities. <i>Journal of Ecology</i> , 2020 , 108, 1411-1425	6	23
69	Plant diversity in hedgerows and road verges across Europe. <i>Journal of Applied Ecology</i> , 2020 , 57, 1244-1257	3.87	22
68	Does background nitrogen deposition affect the response of boreal vegetation to fertilization?. <i>Oecologia</i> , 2013 , 173, 615-24	2.9	22
67	Patterns of phenotypic trait variation in two temperate forest herbs along a broad climatic gradient. <i>Plant Ecology</i> , 2015 , 216, 1523-1536	1.7	21
66	Interregional variation in the floristic recovery of post-agricultural forests. <i>Journal of Ecology</i> , 2010 , 99, no-no	6	21
65	Interacting effects of warming and drought on regeneration and early growth of <i>Acer pseudoplatanus</i> and <i>A. platanoides</i> . <i>Plant Biology</i> , 2015 , 17, 52-62	3.7	20
64	From wooded pasture to timber production [Changes in a European beech (<i>Fagus sylvatica</i>) forest landscape between 1840 and 2010. <i>Scandinavian Journal of Forest Research</i> , 2012 , 27, 245-254	1.7	20
63	High ecosystem service delivery potential of small woodlands in agricultural landscapes. <i>Journal of Applied Ecology</i> , 2020 , 57, 4-16	5.8	20
62	Climatic control of forest herb seed banks along a latitudinal gradient. <i>Global Ecology and Biogeography</i> , 2013 , 22, 1106-1117	6.1	19

61	Functional trait variation of forest understorey plant communities across Europe. <i>Basic and Applied Ecology</i> , 2019 , 34, 1-14	3.2	19
60	Impact of an invasive alien plant on litter decomposition along a latitudinal gradient. <i>Ecosphere</i> , 2018 , 9, e02097	3.1	18
59	Importance of Soil Acidity to the Distribution of Rare Forest Grasses in South Sweden. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 1992 , 187, 317-326	1.9	18
58	The biodiversity contribution of wood plantations: Contrasting the bird communities of Sweden's protected and production oak forests. <i>Forest Ecology and Management</i> , 2016 , 365, 51-60	3.9	17
57	Peatland plant communities under global change: negative feedback loops counteract shifts in species composition. <i>Ecology</i> , 2017 , 98, 150-161	4.6	17
56	Pathogen induced disturbance and succession in temperate forests: Evidence from a 100-year data set in southern Sweden. <i>Basic and Applied Ecology</i> , 2014 , 15, 114-121	3.2	17
55	Edge influence on understorey plant communities depends on forest management. <i>Journal of Vegetation Science</i> , 2020 , 31, 281-292	3.1	17
54	Context-Dependency of Agricultural Legacies in Temperate Forest Soils. <i>Ecosystems</i> , 2019 , 22, 781-795	3.9	16
53	Natural Versus National Boundaries: the Importance of Considering Biogeographical Patterns in Forest Conservation Policy. <i>Conservation Letters</i> , 2015 , 8, 50-57	6.9	15
52	Linking macrodetritivore distribution to desiccation resistance in small forest fragments embedded in agricultural landscapes in Europe. <i>Landscape Ecology</i> , 2018 , 33, 407-421	4.3	15
51	Latitudinal variation in seeds characteristics of <i>Acer platanoides</i> and <i>A. pseudoplatanus</i> . <i>Plant Ecology</i> , 2014 , 215, 911-925	1.7	15
50	How long has the hotspot been hot? Past stand-scale structures at Siggaboda nature reserve in southern Sweden. <i>Biodiversity and Conservation</i> , 2010 , 19, 2167-2187	3.4	15
49	Restoration of oak forest: Effects of former arable land use on soil chemistry and herb layer vegetation. <i>Scandinavian Journal of Forest Research</i> , 2008 , 23, 513-521	1.7	15
48	Disturbance of the herbaceous layer after invasion of an eutrophic temperate forest by wild boar. <i>Nordic Journal of Botany</i> , 2016 , 34, 120-128	1.1	15
47	Effects of enhanced nitrogen inputs and climate warming on a forest understorey plant assessed by transplant experiments along a latitudinal gradient. <i>Plant Ecology</i> , 2014 , 215, 899-910	1.7	14
46	Interannual variability in abundance of field layer species in a south Swedish deciduous wood. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2000 , 195, 97-103	1.9	14
45	Contrasting microclimates among hedgerows and woodlands across temperate Europe. <i>Agricultural and Forest Meteorology</i> , 2020 , 281, 107818	5.8	14
44	Interactive effects of past land use and recent forest management on the understorey community in temperate oak forests in South Sweden. <i>Journal of Vegetation Science</i> , 2019 , 30, 917-928	3.1	13

43	Lichen litter decomposition in <i>Nothofagus</i> forest of northern Patagonia: biomass and chemical changes over time. <i>Bryologist</i> , 2007 , 110, 266-273	0.7	13
42	Drivers of above-ground understorey biomass and nutrient stocks in temperate deciduous forests. <i>Journal of Ecology</i> , 2020 , 108, 982-997	6	13
41	Plant functional trait response to environmental drivers across European temperate forest understorey communities. <i>Plant Biology</i> , 2020 , 22, 410-424	3.7	13
40	Where does the community start, and where does it end? Including the seed bank to reassess forest herb layer responses to the environment. <i>Journal of Vegetation Science</i> , 2017 , 28, 424-435	3.1	12
39	Divergent regeneration responses of two closely related tree species to direct abiotic and indirect biotic effects of climate change. <i>Forest Ecology and Management</i> , 2015 , 342, 21-29	3.9	11
38	Decreased variation of forest understory vegetation is an effect of fertilisation in young stands of <i>Picea abies</i> . <i>Scandinavian Journal of Forest Research</i> , 2011 , 26, 46-55	1.7	11
37	Drivers of carbon stocks in forest edges across Europe. <i>Science of the Total Environment</i> , 2021 , 759, 143487-2	49.2	11
36	Strength of forest edge effects on litter-dwelling macro-arthropods across Europe is influenced by forest age and edge properties. <i>Diversity and Distributions</i> , 2019 , 25, 963-974	5	10
35	Structural variation of forest edges across Europe. <i>Forest Ecology and Management</i> , 2020 , 462, 117929	3.9	10
34	With Ellenberg indicator values towards the north: Does the indicative power decrease with distance from Central Europe?. <i>Journal of Biogeography</i> , 2019 , 46, 1041-1053	4.1	9
33	Acido- and neutrophilic temperate forest plants display distinct shifts in ecological pH niche across north-western Europe. <i>Ecography</i> , 2016 , 39, 1164-1175	6.5	9
32	Plant species identity and soil characteristics determine rhizosphere soil bacteria community composition in European temperate forests. <i>FEMS Microbiology Ecology</i> , 2019 , 95,	4.3	8
31	Desiccation resistance determines distribution of woodlice along forest edge-to-interior gradients. <i>European Journal of Soil Biology</i> , 2018 , 85, 1-3	2.9	8
30	Sensitivity of the woodland herb <i>Anemone hepatica</i> to changing environmental conditions. <i>Journal of Vegetation Science</i> , 2002 , 13, 207-216	3.1	8
29	Directional turnover towards larger-ranged plants over time and across habitats. <i>Ecology Letters</i> , 2021 ,	10	8
28	No genetic erosion after five generations for <i>Impatiens glandulifera</i> populations across the invaded range in Europe. <i>BMC Genetics</i> , 2019 , 20, 20	2.6	7
27	Multiscale drivers of carabid beetle (Coleoptera: Carabidae) assemblages in small European woodlands. <i>Global Ecology and Biogeography</i> , 2021 , 30, 165-182	6.1	7
26	Responses of competitive understorey species to spatial environmental gradients inaccurately explain temporal changes. <i>Basic and Applied Ecology</i> , 2018 , 30, 52-64	3.2	7

25	Biological Flora of the British Isles: <i>Milium effusum</i> . <i>Journal of Ecology</i> , 2017 , 105, 839-858	6	6
24	sPlotOpen [An environmentally balanced, open-access, global dataset of vegetation plots. <i>Global Ecology and Biogeography</i> , 2021 , 30, 1740-1764	6.1	6
23	Plant-soil feedbacks of forest understorey plants transplanted in nonlocal soils along a latitudinal gradient. <i>Plant Biology</i> , 2019 , 21, 677-687	3.7	5
22	Hedging against biodiversity loss: Forest herbs performance in hedgerows across temperate Europe. <i>Journal of Vegetation Science</i> , 2020 , 31, 817-829	3.1	5
21	Atmospheric nitrogen deposition on petals enhances seed quality of the forest herb <i>Anemone nemorosa</i> . <i>Plant Biology</i> , 2018 , 20, 619-626	3.7	5
20	Small scale environmental variation modulates plant defence syndromes of understorey plants in deciduous forests of Europe. <i>Global Ecology and Biogeography</i> , 2021 , 30, 205-219	6.1	5
19	Evaluating structural and compositional canopy characteristics to predict the light-demand signature of the forest understorey in mixed, semi-natural temperate forests. <i>Applied Vegetation Science</i> , 2021 , 24,	3.3	5
18	Local soil characteristics determine the microbial communities under forest understorey plants along a latitudinal gradient. <i>Basic and Applied Ecology</i> , 2019 , 36, 34-44	3.2	4
17	Planting clonal shade-tolerant herbs in young urban woodlands Effects of compost on plant growth, flowering and survival. <i>Urban Forestry and Urban Greening</i> , 2016 , 17, 158-165	5.4	4
16	Latitudinal variation of life-history traits of an exotic and a native impatiens species in Europe. <i>Acta Oecologica</i> , 2017 , 81, 40-47	1.7	3
15	Taxonomic, phylogenetic and functional diversity of understorey plants respond differently to environmental conditions in European forest edges. <i>Journal of Ecology</i> , 2021 , 109, 2629-2648	6	3
14	Forest understorey communities respond strongly to light in interaction with forest structure, but not to microclimate warming. <i>New Phytologist</i> , 2022 , 233, 219-235	9.8	2
13	Interactions between local and global drivers determine long-term trends in boreal forest understorey vegetation. <i>Global Ecology and Biogeography</i> , 2021 , 30, 1765-1780	6.1	2
12	Forest edges reduce slug (but not snail) activity-density across Western Europe. <i>Pedobiologia</i> , 2019 , 75, 34-37	1.7	1
11	Earlier onset of flowering and increased reproductive allocation of an annual invasive plant in the north of its novel range. <i>Annals of Botany</i> , 2020 , 126, 1005-1016	4.1	1
10	Microclimatic edge-to-interior gradients of European deciduous forests. <i>Agricultural and Forest Meteorology</i> , 2021 , 311, 108699	5.8	1
9	Response to Comment on "Forest microclimate dynamics drive plant responses to warming". <i>Science</i> , 2020 , 370,	33.3	1
8	Response to Comment on "Forest microclimate dynamics drive plant responses to warming". <i>Science</i> , 2020 , 370,	33.3	1

7	Release of retained oaks in Norway spruce plantations. A 10-year perspective on oak vitality, spruce wood production and ground vegetation. <i>Forest Ecology and Management</i> , 2021 , 480, 118670	3.9	1
6	Plant taxonomic and phylogenetic turnover increases toward climatic extremes and depends on historical factors in European beech forests. <i>Journal of Vegetation Science</i> , 2021 , 32,	3.1	1
5	Sensitivity to habitat fragmentation across European landscapes in three temperate forest herbs. <i>Landscape Ecology</i> , 2021 , 36, 2831-2848	4.3	1
4	Immigration credit of temperate forest herbs in fragmented landscapesImplications for restoration of habitat connectivity. <i>Journal of Applied Ecology</i> , 2021 , 58, 2195	5.8	1
3	Context matters: the landscape matrix determines the population genetic structure of temperate forest herbs across Europe.. <i>Landscape Ecology</i> , 2022 , 37, 1365-1384	4.3	0
2	Temperature effects on forest understorey plants in hedgerows: a combined warming and transplant experiment. <i>Annals of Botany</i> , 2021 , 128, 315-327	4.1	0
1	Thermal differences between juveniles and adults increased over time in European forest trees. <i>Journal of Ecology</i> , 2021 , 109, 3944	6	0