

# Helge Bruelheide

## List of Publications by Year in descending order

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Version: 2024-02-01

302  
papers

17,859  
citations

20759

60  
h-index

22102

113  
g-index

323  
all docs

323  
docs citations

323  
times ranked

17835  
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	Tree mycorrhizal type and tree diversity shape the forest soil microbiota. Environmental Microbiology, 2022, 24, 4236-4255.	1.8	22
3	Phylogenetic relatedness, functional traits, and spatial scale determine herbivore co-occurrence in a subtropical forest. Ecological Monographs, 2022, 92, e01492.	2.4	8
4	Biodiversity post-2020: Closing the gap between global targets and national-level implementation. Conservation Letters, 2022, 15, e12848.	2.8	32
5	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
6	Disturbance and indirect effects of climate warming support a plant invader in mountains. Oikos, 2022, 2022, .	1.2	3
7	Niche partitioning in nitrogen uptake among subtropical tree species enhances biomass production. Science of the Total Environment, 2022, 823, 153716.	3.9	9
8	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
9	Distance decay 2.0 – A global synthesis of taxonomic and functional turnover in ecological communities. Global Ecology and Biogeography, 2022, 31, 1399-1421.	2.7	40
10	Consistency of demographic trade-offs across 13 (sub)tropical forests. Journal of Ecology, 2022, 110, 1485-1496.	1.9	11
11	Temporal trends in the spatial bias of species occurrence records. Ecography, 2022, 2022, .	2.1	18
12	Effects of enemy exclusion on biodiversity-productivity relationships in a subtropical forest experiment. Journal of Ecology, 2022, 110, 2167-2178.	1.9	7
13	Decision-making of citizen scientists when recording species observations. Scientific Reports, 2022, 12, .	1.6	11
14	Nutrient status not secondary metabolites drives herbivory and pathogen infestation across differently mycorrhized tree monocultures and mixtures. Basic and Applied Ecology, 2021, 55, 110-123.	1.2	7
15	Contrasting patterns of intraspecific trait variability in native and non-native plant species along an elevational gradient on Tenerife, Canary Islands. Annals of Botany, 2021, 127, 565-576.	1.4	24
16	Climate change aggravates bog species extinctions in the Black Forest (Germany). Diversity and Distributions, 2021, 27, 282-295.	1.9	10
17	Revealing the functional traits linked to hidden environmental factors in community assembly. Journal of Vegetation Science, 2021, 32, e12976.	1.1	10
18	Tree phylogenetic diversity structures multitrophic communities. Functional Ecology, 2021, 35, 521-534.	1.7	21

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19	Drivers of within-tree leaf trait variation in a tropical planted forest varying in tree species richness. <i>Basic and Applied Ecology</i> , 2021, 50, 203-216.	1.2	9
20	Widespread decline in Central European plant diversity across six decades. <i>Global Change Biology</i> , 2021, 27, 1097-1110.	4.2	48
21	Global root traits (GRooT) database. <i>Global Ecology and Biogeography</i> , 2021, 30, 25-37.	2.7	90
22	Drivers of understorey biomass: tree species identity is more important than richness in a young forest. <i>Journal of Plant Ecology</i> , 2021, 14, 465-477.	1.2	6
23	The contrasting effects of nitrogen and phosphorus fertilizations on the growth of <i>Cunninghamia lanceolata</i> depend on the season in subtropical China. <i>Forest Ecology and Management</i> , 2021, 482, 118874.	1.4	3
24	LC-MS based plant metabolic profiles of thirteen grassland species grown in diverse neighbourhoods. <i>Scientific Data</i> , 2021, 8, 52.	2.4	10
25	More diverse tree communities promote foliar fungal pathogen diversity, but decrease infestation rates per tree species, in a subtropical biodiversity experiment. <i>Journal of Ecology</i> , 2021, 109, 2068-2080.	1.9	15
26	Local Tree Diversity Suppresses Foliar Fungal Infestation and Decreases Morphological but Not Molecular Richness in a Young Subtropical Forest. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 173.	1.5	5
27	The relationship between niche breadth and range size of beech ( <i>Fagus</i> ) species worldwide. <i>Journal of Biogeography</i> , 2021, 48, 1240-1253.	1.4	25
28	Global functional variation in alpine vegetation. <i>Journal of Vegetation Science</i> , 2021, 32, e13000.	1.1	17
29	Different sets of traits explain abundance and distribution patterns of European plants at different spatial scales. <i>Journal of Vegetation Science</i> , 2021, 32, e13016.	1.1	15
30	Tree species richness modulates water supply in the local tree neighbourhood: evidence from wood $\delta^{13}C$ signatures in a large-scale forest experiment. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20203100.	1.2	4
31	Global patterns and drivers of alpine plant species richness. <i>Global Ecology and Biogeography</i> , 2021, 30, 1218-1231.	2.7	59
32	Tree diversity and functional leaf traits drive herbivore-associated microbiomes in subtropical China. <i>Ecology and Evolution</i> , 2021, 11, 6153-6166.	0.8	1
33	Mixing tree species associated with arbuscular or ectotrophic mycorrhizae reveals dual mycorrhization and interactive effects on the fungal partners. <i>Ecology and Evolution</i> , 2021, 11, 5424-5440.	0.8	22
34	Climate and socio-economic factors explain differences between observed and expected naturalization patterns of European plants around the world. <i>Global Ecology and Biogeography</i> , 2021, 30, 1514-1531.	2.7	8
35	A checklist for using Beals' index with incomplete floristic monitoring data. <i>Diversity and Distributions</i> , 2021, 27, 1328-1333.	1.9	1
36	Above- and below-ground complementarity rather than selection drive tree diversity-productivity relationships in European forests. <i>Functional Ecology</i> , 2021, 35, 1756-1767.	1.7	15

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37	What shapes ground beetle assemblages in a tree species-rich subtropical forest?. <i>ZooKeys</i> , 2021, 1044, 907-927.	0.5	3
38	sPlotOpen – An environmentally balanced, open-access, global dataset of vegetation plots. <i>Global Ecology and Biogeography</i> , 2021, 30, 1740-1764.	2.7	49
39	Root traits explain plant species distributions along climatic gradients yet challenge the nature of ecological trade-offs. <i>Nature Ecology and Evolution</i> , 2021, 5, 1123-1134.	3.4	62
40	Winners and losers over 35 years of dragonfly and damselfly distributional change in Germany. <i>Diversity and Distributions</i> , 2021, 27, 1353-1366.	1.9	29
41	An integrated framework of plant form and function: the belowground perspective. <i>New Phytologist</i> , 2021, 232, 42-59.	3.5	153
42	What drives leaf litter decomposition and the decomposer community in subtropical forests – The richness of the above-ground tree community or that of the leaf litter?. <i>Soil Biology and Biochemistry</i> , 2021, 160, 108314.	4.2	21
43	Reprint of: Drivers of within-tree leaf trait variation in a tropical planted forest varying in tree species richness. <i>Basic and Applied Ecology</i> , 2021, 55, 6-19.	1.2	3
44	The significance of tree-tree interactions for forest ecosystem functioning. <i>Basic and Applied Ecology</i> , 2021, 55, 33-52.	1.2	38
45	Biodiversity in European agricultural landscapes: transformative societal changes needed. <i>Trends in Ecology and Evolution</i> , 2021, 36, 1067-1070.	4.2	29
46	Radial growth response of trees to seasonal soil humidity in a subtropical forest. <i>Basic and Applied Ecology</i> , 2021, 55, 74-86.	1.2	13
47	The Bamboo Rhizome Evolution in China Is Driven by Geographical Isolation and Trait Differentiation. <i>Forests</i> , 2021, 12, 1280.	0.9	5
48	Implementing the formal language of the vegetation classification expert systems (ESy) in the statistical computing environment R. <i>Applied Vegetation Science</i> , 2021, 24, e12562.	0.9	9
49	Foliar Fungal Endophytes in a Tree Diversity Experiment Are Driven by the Identity but Not the Diversity of Tree Species. <i>Life</i> , 2021, 11, 1081.	1.1	6
50	Functional diversity effects on productivity increase with age in a forest biodiversity experiment. <i>Nature Ecology and Evolution</i> , 2021, 5, 1594-1603.	3.4	83
51	Species richness stabilizes productivity via asynchrony and drought-tolerance diversity in a large-scale tree biodiversity experiment. <i>Science Advances</i> , 2021, 7, eabk1643.	4.7	72
52	A tale of scale: Plot but not neighbourhood tree diversity increases leaf litter ant diversity. <i>Journal of Animal Ecology</i> , 2020, 89, 299-308.	1.3	19
53	Moderately common plants show highest relative losses. <i>Conservation Letters</i> , 2020, 13, e12674.	2.8	21
54	Drivers of the composition of active rhizosphere bacterial communities in temperate grasslands. <i>ISME Journal</i> , 2020, 14, 463-475.	4.4	141

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55	Neighbourhood diversity mitigates drought impacts on tree growth. <i>Journal of Ecology</i> , 2020, 108, 865-875.	1.9	41
56	Global fern and lycophyte richness explained: How regional and local factors shape plot richness. <i>Journal of Biogeography</i> , 2020, 47, 59-71.	1.4	40
57	TRY plant trait database "enhanced coverage and open access. <i>Global Change Biology</i> , 2020, 26, 119-188.	4.2	1,038
58	Similar factors underlie tree abundance in forests in native and alien ranges. <i>Global Ecology and Biogeography</i> , 2020, 29, 281-294.	2.7	21
59	Changes in carbon storages of <i>Fagus</i> forest ecosystems along an elevational gradient on Mt. Fanjingshan in Southwest China. <i>Journal of Plant Ecology</i> , 2020, 13, 139-149.	1.2	3
60	Species richness influences the spatial distribution of trees in European forests. <i>Oikos</i> , 2020, 129, 380-390.	1.2	9
61	Promoting resilience of large international collaborative research programs in times of global crisis. <i>Ecology and Evolution</i> , 2020, 10, 12549-12554.	0.8	2
62	Consequences of multiple imputation of missing standard deviations and sample sizes in meta-analysis. <i>Ecology and Evolution</i> , 2020, 10, 11699-11712.	0.8	26
63	Native distribution characteristics rather than functional traits explain preadaptation of invasive species to high-UV environments. <i>Diversity and Distributions</i> , 2020, 26, 1421-1438.	1.9	5
64	EUNIS Habitat Classification: Expert system, characteristic species combinations and distribution maps of European habitats. <i>Applied Vegetation Science</i> , 2020, 23, 648-675.	0.9	186
65	Effective Biodiversity Monitoring Needs a Culture of Integration. <i>One Earth</i> , 2020, 3, 462-474.	3.6	62
66	Positive feedback loop between earthworms, humus form and soil pH reinforces earthworm abundance in European forests. <i>Functional Ecology</i> , 2020, 34, 2598-2610.	1.7	24
67	Protection gaps and restoration opportunities for primary forests in Europe. <i>Diversity and Distributions</i> , 2020, 26, 1646-1662.	1.9	47
68	Biogeographic differences in plant-soil biota relationships contribute to the exotic range expansion of <i>Verbascum thapsus</i> . <i>Ecology and Evolution</i> , 2020, 10, 13057-13070.	0.8	3
69	Global priorities of environmental issues to combat food insecurity and biodiversity loss. <i>Science of the Total Environment</i> , 2020, 730, 139096.	3.9	39
70	Deriving site-specific species pools from large databases. <i>Ecography</i> , 2020, 43, 1215-1228.	2.1	17
71	Tree litter functional diversity and nitrogen concentration enhance litter decomposition via changes in earthworm communities. <i>Ecology and Evolution</i> , 2020, 10, 6752-6768.	0.8	17
72	Community and neighbourhood tree species richness effects on fungal species in leaf litter. <i>Fungal Ecology</i> , 2020, 47, 100961.	0.7	6

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73	Host functional and phylogenetic composition rather than host diversity structure plant–herbivore networks. <i>Molecular Ecology</i> , 2020, 29, 2747-2762.	2.0	24
74	Action needed for the EU Common Agricultural Policy to address sustainability challenges. <i>People and Nature</i> , 2020, 2, 305-316.	1.7	259
75	The fungal collaboration gradient dominates the root economics space in plants. <i>Science Advances</i> , 2020, 6, .	4.7	377
76	Using incomplete floristic monitoring data from habitat mapping programmes to detect species trends. <i>Diversity and Distributions</i> , 2020, 26, 782-794.	1.9	15
77	Testing macroecological abundance patterns: The relationship between local abundance and range size, range position and climatic suitability among European vascular plants. <i>Journal of Biogeography</i> , 2020, 47, 2210-2222.	1.4	35
78	Root exudate composition of grass and forb species in natural grasslands. <i>Scientific Reports</i> , 2020, 10, 10691.	1.6	45
79	Mapping human pressures on biodiversity across the planet uncovers anthropogenic threat complexes. <i>People and Nature</i> , 2020, 2, 380-394.	1.7	139
80	Directed species loss reduces community productivity in a subtropical forest biodiversity experiment. <i>Nature Ecology and Evolution</i> , 2020, 4, 550-559.	3.4	19
81	Resident and phytometer plants host comparable rhizosphere fungal communities in managed grassland ecosystems. <i>Scientific Reports</i> , 2020, 10, 919.	1.6	16
82	Genetic richness affects trait variation but not community productivity in a tree diversity experiment. <i>New Phytologist</i> , 2020, 227, 744-756.	3.5	12
83	Of niches and distributions: range size increases with niche breadth both globally and regionally but regional estimates poorly relate to global estimates. <i>Ecography</i> , 2019, 42, 467-477.	2.1	41
84	Multiple components of plant diversity loss determine herbivore phylogenetic diversity in a subtropical forest experiment. <i>Journal of Ecology</i> , 2019, 107, 2697-2712.	1.9	33
85	A multitrophic perspective on biodiversity–ecosystem functioning research. <i>Advances in Ecological Research</i> , 2019, 61, 1-54.	1.4	95
86	The geography of biodiversity change in marine and terrestrial assemblages. <i>Science</i> , 2019, 366, 339-345.	6.0	385
87	How do trees respond to species mixing in experimental compared to observational studies?. <i>Ecology and Evolution</i> , 2019, 9, 11254-11265.	0.8	8
88	Plant species– range type determines local responses to biotic interactions and land use. <i>Ecology</i> , 2019, 100, e02890.	1.5	5
89	Neighbour species richness and local structural variability modulate aboveground allocation patterns and crown morphology of individual trees. <i>Ecology Letters</i> , 2019, 22, 2130-2140.	3.0	80
90	sPlot – A new tool for global vegetation analyses. <i>Journal of Vegetation Science</i> , 2019, 30, 161-186.	1.1	185

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91	The functional trait spectrum of European temperate grasslands. <i>Journal of Vegetation Science</i> , 2019, 30, 777-788.	1.1	17
92	Soil macrofauna and leaf functional traits drive the decomposition of secondary metabolites in leaf litter. <i>Soil Biology and Biochemistry</i> , 2019, 135, 429-437.	4.2	25
93	Potential links between wood-inhabiting and soil fungal communities: Evidence from high-throughput sequencing. <i>MicrobiologyOpen</i> , 2019, 8, e00856.	1.2	18
94	Early positive effects of tree species richness on soil organic carbon accumulation in a large-scale forest biodiversity experiment. <i>Journal of Plant Ecology</i> , 2019, 12, 882-893.	1.2	29
95	Semi-polar root exudates in natural grassland communities. <i>Ecology and Evolution</i> , 2019, 9, 5526-5541.	0.8	26
96	The strength of soil-plant interactions under forest is related to a Critical Soil Depth. <i>Scientific Reports</i> , 2019, 9, 8635.	1.6	30
97	Assessing sampling coverage of species distribution in biodiversity databases. <i>Journal of Vegetation Science</i> , 2019, 30, 620-632.	1.1	11
98	Janzen-Connell effects in a forest BEF experiment: Strong distance-dependent seedling establishment of multiple species. <i>Ecology</i> , 2019, 100, e02736.	1.5	17
99	Insect decline and its drivers: Unsupported conclusions in a poorly performed meta-analysis on trends? A critique of Sánchez-Bayo and Wyckhuys (2019). <i>Basic and Applied Ecology</i> , 2019, 37, 20-23.	1.2	20
100	Species richness change across spatial scales. <i>Oikos</i> , 2019, 128, 1079-1091.	1.2	160
101	Multiple plant diversity components drive consumer communities across ecosystems. <i>Nature Communications</i> , 2019, 10, 1460.	5.8	139
102	Trait-performance relationships of grassland plant species differ between common garden and field conditions. <i>Ecology and Evolution</i> , 2019, 9, 1691-1701.	0.8	9
103	Linking Soil Fungal Generality to Tree Richness in Young Subtropical Chinese Forests. <i>Microorganisms</i> , 2019, 7, 547.	1.6	10
104	Comparison of catchment scale 3D and 2.5D modelling of soil organic carbon stocks in Jiangxi Province, PR China. <i>PLoS ONE</i> , 2019, 14, e0220881.	1.1	20
105	Identifying the tree species compositions that maximize ecosystem functioning in European forests. <i>Journal of Applied Ecology</i> , 2019, 56, 733-744.	1.9	58
106	Response to Comment on "Impacts of species richness on productivity in a large-scale subtropical forest experiment". <i>Science</i> , 2019, 363, .	6.0	3
107	Early stage litter decomposition across biomes. <i>Science of the Total Environment</i> , 2018, 628-629, 1369-1394.	3.9	177
108	Tree identity rather than tree diversity drives earthworm communities in European forests. <i>Pedobiologia</i> , 2018, 67, 16-25.	0.5	18

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109	Synthesis and future research directions linking tree diversity to growth, survival, and damage in a global network of tree diversity experiments. <i>Environmental and Experimental Botany</i> , 2018, 152, 68-89.	2.0	113
110	Neighbourhood interactions drive overyielding in mixed-species tree communities. <i>Nature Communications</i> , 2018, 9, 1144.	5.8	92
111	Mountain roads and non-native species modify elevational patterns of plant diversity. <i>Global Ecology and Biogeography</i> , 2018, 27, 667-678.	2.7	64
112	Leaf Attenuated Total Reflection Fourier Transform Infrared (ATR-FTIR) biochemical profile of grassland plant species related to land-use intensity. <i>Ecological Indicators</i> , 2018, 84, 803-810.	2.6	26
113	Multi-trophic guilds respond differently to changing elevation in a subtropical forest. <i>Ecography</i> , 2018, 41, 1013-1023.	2.1	17
114	Continental mapping of forest ecosystem functions reveals a high but unrealised potential for forest multifunctionality. <i>Ecology Letters</i> , 2018, 21, 31-42.	3.0	74
115	Tree diversity has contrasting effects on predation rates by birds and arthropods on three broadleaved, subtropical tree species. <i>Ecological Research</i> , 2018, 33, 205-212.	0.7	16
116	Global trait-environment relationships of plant communities. <i>Nature Ecology and Evolution</i> , 2018, 2, 1906-1917.	3.4	397
117	Tundra Trait Team: A database of plant traits spanning the tundra biome. <i>Global Ecology and Biogeography</i> , 2018, 27, 1402-1411.	2.7	57
118	Land-Use Intensity Rather Than Plant Functional Identity Shapes Bacterial and Fungal Rhizosphere Communities. <i>Frontiers in Microbiology</i> , 2018, 9, 2711.	1.5	62
119	Impacts of species richness on productivity in a large-scale subtropical forest experiment. <i>Science</i> , 2018, 362, 80-83.	6.0	433
120	Linking root exudates to functional plant traits. <i>PLoS ONE</i> , 2018, 13, e0204128.	1.1	57
121	Tree species richness and fungi in freshly fallen leaf litter: Unique patterns of fungal species composition and their implications for enzymatic decomposition. <i>Soil Biology and Biochemistry</i> , 2018, 127, 120-126.	4.2	33
122	Experimental Evidence of Functional Group-Dependent Effects of Tree Diversity on Soil Fungi in Subtropical Forests. <i>Frontiers in Microbiology</i> , 2018, 9, 2312.	1.5	28
123	Using co-occurrence information and trait composition to understand individual plant performance in grassland communities. <i>Scientific Reports</i> , 2018, 8, 9076.	1.6	13
124	Biodiversity across trophic levels drives multifunctionality in highly diverse forests. <i>Nature Communications</i> , 2018, 9, 2989.	5.8	169
125	BioTIME: A database of biodiversity time series for the Anthropocene. <i>Global Ecology and Biogeography</i> , 2018, 27, 760-786.	2.7	289
126	Current Challenges in Plant Eco-Metabolomics. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1385.	1.8	106



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127	Mycorrhiza in tree diversityâ€™ecosystem function relationships: conceptual framework and experimental implementation. <i>Ecosphere</i> , 2018, 9, e02226.	1.0	49
128	Seasonal variation of secondary metabolites in nine different bryophytes. <i>Ecology and Evolution</i> , 2018, 8, 9105-9117.	0.8	33
129	Tree species richness increases ecosystem carbon storage in subtropical forests. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181240.	1.2	169
130	Computational workflow to study the seasonal variation of secondary metabolites in nine different bryophytes. <i>Scientific Data</i> , 2018, 5, 180179.	2.4	12
131	Drivers of intraspecific trait variation of grass and forb species in German meadows and pastures. <i>Journal of Vegetation Science</i> , 2017, 28, 705-716.	1.1	42
132	On the combined effect of soil fertility and topography on tree growth in subtropical forest ecosystemsâ€™a study from SE China. <i>Journal of Plant Ecology</i> , 2017, 10, 111-127.	1.2	102
133	From competition to facilitation: how tree species respond to neighbourhood diversity. <i>Ecology Letters</i> , 2017, 20, 892-900.	3.0	123
134	Opposing intraspecific vs. interspecific diversity effects on herbivory and growth in subtropical experimental tree assemblages. <i>Journal of Plant Ecology</i> , 2017, 10, 242-251.	1.2	36
135	Interactions count: plant origin, herbivory and disturbance jointly explain seedling recruitment and community structure. <i>Scientific Reports</i> , 2017, 7, 8288.	1.6	5
136	Conifer proportion explains fine root biomass more than tree species diversity and site factors in major European forest types. <i>Forest Ecology and Management</i> , 2017, 406, 330-350.	1.4	34
137	Predicting the establishment success of introduced target species in grassland restoration by functional traits. <i>Ecology and Evolution</i> , 2017, 7, 7442-7453.	0.8	14
138	Positive effects of tree species richness on fine-root production in a subtropical forest in SE-China. <i>Journal of Plant Ecology</i> , 2017, 10, 146-157.	1.2	61
139	Biodiversity and ecosystem functioning relations in European forests depend on environmental context. <i>Ecology Letters</i> , 2017, 20, 1414-1426.	3.0	244
140	Tree species richness attenuates the positive relationship between mutualistic antâ€™hemipteran interactions and leaf chewer herbivory. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20171489.	1.2	10
141	Leaf litter diversity alters microbial activity, microbial abundances, and nutrient cycling in a subtropical forest ecosystem. <i>Biogeochemistry</i> , 2017, 134, 163-181.	1.7	36
142	Impact of tree diversity and environmental conditions on the survival of shrub species in a forest biodiversity experiment in subtropical China. <i>Journal of Plant Ecology</i> , 2017, 10, 179-189.	1.2	20
143	Limited tree richness effects on herb layer composition, richness and productivity in experimental forest stands. <i>Journal of Plant Ecology</i> , 2017, 10, 190-200.	1.2	16
144	Diversity of lowland hay meadows and pastures in Western and Central Europe. <i>Applied Vegetation Science</i> , 2017, 20, 702-719.	0.9	21

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145	Phylogenetic turnover during subtropical forest succession across environmental and phylogenetic scales. <i>Ecology and Evolution</i> , 2017, 7, 11079-11091.	0.8	26
146	Predicting individual plant performance in grasslands. <i>Ecology and Evolution</i> , 2017, 7, 8958-8965.	0.8	21
147	Toward a methodical framework for comprehensively assessing forest multifunctionality. <i>Ecology and Evolution</i> , 2017, 7, 10652-10674.	0.8	41
148	Interspecific and intraspecific variation in specific root length drives aboveground biodiversity effects in young experimental forest stands. <i>Journal of Plant Ecology</i> , 2017, 10, 158-169.	1.2	49
149	Belowground top-down and aboveground bottom-up effects structure multitrophic community relationships in a biodiverse forest. <i>Scientific Reports</i> , 2017, 7, 4222.	1.6	38
150	Tree diversity promotes generalist herbivore community patterns in a young subtropical forest experiment. <i>Oecologia</i> , 2017, 183, 455-467.	0.9	26
151	Crown and leaf traits as predictors of subtropical tree sapling growth rates. <i>Journal of Plant Ecology</i> , 2017, 10, 136-145.	1.2	47
152	Herbivore and pathogen effects on tree growth are additive, but mediated by tree diversity and plant traits. <i>Ecology and Evolution</i> , 2017, 7, 7462-7474.	0.8	34
153	Characterization of Unexplored Deadwood Mycobiome in Highly Diverse Subtropical Forests Using Culture-independent Molecular Technique. <i>Frontiers in Microbiology</i> , 2017, 8, 574.	1.5	35
154	Leaf litter diversity positively affects the decomposition of plant polyphenols. <i>Plant and Soil</i> , 2017, 419, 305-317.	1.8	16
155	Biodiversityâ€™ecosystem functioning research in Chinese subtropical forests. <i>Journal of Plant Ecology</i> , 2017, 10, 1-3.	1.2	4
156	Foliar fungi of <i>Betula pendula</i> : impact of tree species mixtures and assessment methods. <i>Scientific Reports</i> , 2017, 7, 41801.	1.6	26
157	Taxonomic and ecological relevance of the chlorophyll <i>a</i> fluorescence signature of tree species in mixed European forests. <i>New Phytologist</i> , 2016, 212, 51-65.	3.5	35
158	Tree phylogenetic diversity promotes hostâ€™parasitoid interactions. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20160275.	1.2	41
159	Jack-of-all-trades effects drive biodiversityâ€™ecosystem multifunctionality relationships in European forests. <i>Nature Communications</i> , 2016, 7, 11109.	5.8	185
160	Ecological networks are more sensitive to plant than to animal extinction under climate change. <i>Nature Communications</i> , 2016, 7, 13965.	5.8	180
161	Fungal disease incidence along tree diversity gradients depends on latitude in European forests. <i>Ecology and Evolution</i> , 2016, 6, 2426-2438.	0.8	40
162	Plant diversity effects on grassland productivity are robust to both nutrient enrichment and drought. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150277.	1.8	169

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163	Cocktail clustering - a new hierarchical agglomerative algorithm for extracting species groups in vegetation databases. <i>Journal of Vegetation Science</i> , 2016, 27, 1297-1307.	1.1	5
164	Positive biodiversity-productivity relationship predominant in global forests. <i>Science</i> , 2016, 354, .	6.0	864
165	Functional community ecology meets restoration ecology: Assessing the restoration success of alluvial floodplain meadows with functional traits. <i>Journal of Applied Ecology</i> , 2016, 53, 751-764.	1.9	42
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