Helge Bruelheide

List of Publications by Year
in descending order

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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	TRY plant trait database â€“ enhanced coverage and open access. Global Change Biology, 2020, 26, 119-188.	4.2	1,038
2	Biodiversity increases the resistance of ecosystem productivity to climate extremes. Nature, 2015, 526, 574-577.	13.7	1,032
3	Positive biodiversity-productivity relationship predominant in global forests. Science, 2016, 354, .	6.0	864
4	Impacts of species richness on productivity in a large-scale subtropical forest experiment. Science, 2018, 362, 80-83.	6.0	433
5	Global traitâ€“environment relationships of plant communities. Nature Ecology and Evolution, 2018, 2, 1906-1917.	3.4	397
6	The geography of biodiversity change in marine and terrestrial assemblages. Science, 2019, 366, 339-345.	6.0	385
7	The fungal collaboration gradient dominates the root economics space in plants. Science Advances, 2020, 6, .	4.7	377
8	BioTIME: A database of biodiversity time series for the Anthropocene. Global Ecology and Biogeography, 2018, 27, 760-786.	2.7	289
9	Action needed for the EU Common Agricultural Policy to address sustainability challenges. People and Nature, 2020, 2, 305-316.	1.7	259
10	Biodiversity and ecosystem functioning relations in European forests depend on environmental context. Ecology Letters, 2017, 20, 1414-1426.	3.0	244
11	Designing forest biodiversity experiments: general considerations illustrated by a new large experiment in subtropical <scp>C</scp>hina. Methods in Ecology and Evolution, 2014, 5, 74-89.	2.2	232
12	Tree diversity does not always improve resistance of forest ecosystems to drought. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 14812-14815.	3.3	228
13	Community assembly during secondary forest succession in a Chinese subtropical forest. Ecological Monographs, 2011, 81, 25-41.	2.4	222
14	Contributions of a global network of tree diversity experiments to sustainable forest plantations. Ambio, 2016, 45, 29-41.	2.8	203
15	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
16	EUNIS Habitat Classification: Expert system, characteristic species combinations and distribution maps of European habitats. Applied Vegetation Science, 2020, 23, 648-675.	0.9	186
17	Jack-of-all-trades effects drive biodiversityâ€“ecosystem multifunctionality relationships in European forests. Nature Communications, 2016, 7, 11109.	5.8	185
18	sPlot â€“ A new tool for global vegetation analyses. Journal of Vegetation Science, 2019, 30, 161-186.	1.1	185

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19	Ecological networks are more sensitive to plant than to animal extinction under climate change. Nature Communications, 2016, 7, 13965.	5.8	180
20	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
21	Early stage litter decomposition across biomes. Science of the Total Environment, 2018, 628-629, 1369-1394.	3.9	177
22	Plant diversity effects on grassland productivity are robust to both nutrient enrichment and drought. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150277.	1.8	169
23	Biodiversity across trophic levels drives multifunctionality in highly diverse forests. Nature Communications, 2018, 9, 2989.	5.8	169
24	Tree species richness increases ecosystem carbon storage in subtropical forests. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20181240.	1.2	169
25	Species richness change across spatial scales. Oikos, 2019, 128, 1079-1091.	1.2	160
26	Trait interactions help explain plant invasion success in the German flora. Journal of Ecology, 2008, 96, 860-868.	1.9	156
27	An integrated framework of plant form and function: the belowground perspective. New Phytologist, 2021, 232, 42-59.	3.5	153
28	Drivers of the composition of active rhizosphere bacterial communities in temperate grasslands. ISME Journal, 2020, 14, 463-475.	4.4	141
29	Multiple plant diversity components drive consumer communities across ecosystems. Nature Communications, 2019, 10, 1460.	5.8	139
30	Mapping human pressures on biodiversity across the planet uncovers anthropogenic threat complexes. People and Nature, 2020, 2, 380-394.	1.7	139
31	Alien plants associate with widespread generalist arbuscular mycorrhizal fungal taxa: evidence from a continental-scale study using massively parallel 454 sequencing. Journal of Biogeography, 2011, 38, 1305-1317.	1.4	137
32	Establishment success in a forest biodiversity and ecosystem functioning experiment in subtropical China (BEF-China). European Journal of Forest Research, 2013, 132, 593-606.	1.1	135
33	Globally, functional traits are weak predictors of juvenile tree growth, and we do not know why. Journal of Ecology, 2015, 103, 978-989.	1.9	131
34	Tree diversity promotes insect herbivory in subtropical forests of southâ€east China. Journal of Ecology, 2010, 98, 917-926.	1.9	125
35	A new measure of fidelity and its application to defining species groups. Journal of Vegetation Science, 2000, 11, 167-178.	1.1	124
36	For the sake of resilience and multifunctionality, let's diversify planted forests!. Conservation Letters, 2022, 15, e12829.	2.8	124

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37	Mapping plant strategy types using remote sensing. Journal of Vegetation Science, 2012, 23, 395-405.	1.1	123
38	From competition to facilitation: how tree species respond to neighbourhood diversity. Ecology Letters, 2017, 20, 892-900.	3.0	123
39	Slug herbivory as a limiting factor for the geographical range ofArnica montana. Journal of Ecology, 1999, 87, 839-848.	1.9	120
40	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
41	Biodiversity Promotes Tree Growth during Succession in Subtropical Forest. PLoS ONE, 2013, 8, e81246.	1.1	110
42	Community assembly of ectomycorrhizal fungi along a subtropical secondary forest succession. New Phytologist, 2015, 205, 771-785.	3.5	107
43	Current Challenges in Plant Eco-Metabolomics. International Journal of Molecular Sciences, 2018, 19, 1385.	1.8	106
44	On the combined effect of soil fertility and topography on tree growth in subtropical forest ecosystemsâ€"a study from SE China. Journal of Plant Ecology, 2017, 10, 111-127.	1.2	102
45	Tree morphology responds to neighbourhood competition and slope in species-rich forests of subtropical China. Forest Ecology and Management, 2010, 260, 1708-1715.	1.4	97
46	A multitrophic perspective on biodiversityâ€"ecosystem functioning research. Advances in Ecological Research, 2019, 61, 1-54.	1.4	95
47	Neighbourhood interactions drive overyielding in mixed-species tree communities. Nature Communications, 2018, 9, 1144.	5.8	92
48	Global root traits (GRooT) database. Global Ecology and Biogeography, 2021, 30, 25-37.	2.7	90
49	Tree diversity and the role of nonâ€host neighbour tree species in reducing fungal pathogen infestation. Journal of Ecology, 2014, 102, 1673-1687.	1.9	85
50	Functional diversity effects on productivity increase with age in a forest biodiversity experiment. Nature Ecology and Evolution, 2021, 5, 1594-1603.	3.4	83
51	Plant traits affecting herbivory on tree recruits in highly diverse subtropical forests. Ecology Letters, 2012, 15, 732-739.	3.0	80
52	Soil and tree species traits both shape soil microbial communities during early growth of Chinese subtropical forests. Soil Biology and Biochemistry, 2016, 96, 180-190.	4.2	80
53	Neighbour species richness and local structural variability modulate aboveground allocation patterns and crown morphology of individual trees. Ecology Letters, 2019, 22, 2130-2140.	3.0	80
54	Individual-tree radial growth in a subtropical broad-leaved forest: The role of local neighbourhood competition. Forest Ecology and Management, 2011, 261, 499-507.	1.4	79

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55	Predator Diversity and Abundance Provide Little Support for the Enemies Hypothesis in Forests of High Tree Diversity. PLoS ONE, 2011, 6, e22905.	1.1	74
56	Continental mapping of forest ecosystem functions reveals a high but unrealised potential for forest multifunctionality. Ecology Letters, 2018, 21, 31-42.	3.0	74
57	Species richness stabilizes productivity via asynchrony and drought-tolerance diversity in a large-scale tree biodiversity experiment. Science Advances, 2021, 7, eabk1643.	4.7	72
58	Invasive and nativeRhododendron ponticumpopulations: is there evidence for genotypic differences in germination and growth?. Ecography, 2005, 28, 417-428.	2.1	70
59	Species richness and species identity effects on occurrence of foliar fungal pathogens in a tree diversity experiment. Ecosphere, 2013, 4, 1-12.	1.0	70
60	Towards unification of national vegetation classifications: A comparison of two methods for analysis of large data sets. Journal of Vegetation Science, 2000, 11, 295-306.	1.1	65
61	Leaf Trait-Environment Relationships in a Subtropical Broadleaved Forest in South-East China. PLoS ONE, 2012, 7, e35742.	1.1	64
62	Mountain roads and nonâ€native species modify elevational patterns of plant diversity. Global Ecology and Biogeography, 2018, 27, 667-678.	2.7	64
63	Water use by perennial plants in the transition zone between river oasis and desert in NW China. Basic and Applied Ecology, 2006, 7, 253-267.	1.2	63
64	Tradeâ€offs between physical and chemical carbonâ€based leaf defence: of intraspecific variation and trait evolution. Journal of Ecology, 2015, 103, 1667-1679.	1.9	62
65	Land-Use Intensity Rather Than Plant Functional Identity Shapes Bacterial and Fungal Rhizosphere Communities. Frontiers in Microbiology, 2018, 9, 2711.	1.5	62
66	Effective Biodiversity Monitoring Needs a Culture of Integration. One Earth, 2020, 3, 462-474.	3.6	62
67	Root traits explain plant species distributions along climatic gradients yet challenge the nature of ecological trade-offs. Nature Ecology and Evolution, 2021, 5, 1123-1134.	3.4	62
68	Positive effects of tree species richness on fine-root production in a subtropical forest in SE-China. Journal of Plant Ecology, 2017, 10, 146-157.	1.2	61
69	Comparison of native and invasive Rhododendron ponticum populations: Growth, reproduction and morphology under field conditions. Flora: Morphology, Distribution, Functional Ecology of Plants, 2004, 199, 120-133.	0.6	60
70	Site and neighborhood effects on growth of tree saplings in subtropical plantations (China). Forest Ecology and Management, 2014, 327, 118-127.	1.4	59
71	Global patterns and drivers of alpine plant species richness. Global Ecology and Biogeography, 2021, 30, 1218-1231.	2.7	59
72	Identifying the tree species compositions that maximize ecosystem functioning in European forests. Journal of Applied Ecology, 2019, 56, 733-744.	1.9	58

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73	Tundra Trait Team: A database of plant traits spanning the tundra biome. Global Ecology and Biogeography, 2018, 27, 1402-1411.	2.7	57
74	Linking root exudates to functional plant traits. PLoS ONE, 2018, 13, e0204128.	1.1	57
75	Altitudinal differences in herbivory on montane Compositae species. Oecologia, 2001, 129, 75-86.	0.9	56
76	Predicting the spread of an invasive plant: combining experiments and ecological niche model. Ecography, 2008, 31, 709-719.	2.1	56
77	Forest Age and Plant Species Composition Determine the Soil Fungal Community Composition in a Chinese Subtropical Forest. PLoS ONE, 2013, 8, e66829.	1.1	53
78	Drivers of earthworm incidence and abundance across European forests. Soil Biology and Biochemistry, 2016, 99, 167-178.	4.2	53
79	Using formal logic to classify vegetation. Folia Geobotanica, 1997, 32, 41-46.	0.4	51
80	Altitudinal gradients of generalist and specialist herbivory on three montane Asteraceae. Acta Oecologica, 2003, 24, 275-283.	0.5	50
81	Mixed afforestation of young subtropical trees promotes nitrogen acquisition and retention. Journal of Applied Ecology, 2014, 51, 224-233.	1.9	50
82	Interspecific and intraspecific variation in specific root length drives aboveground biodiversity effects in young experimental forest stands. Journal of Plant Ecology, 2017, 10, 158-169.	1.2	49
83	Mycorrhiza in tree diversityâ€“ecosystem function relationships: conceptual framework and experimental implementation. Ecosphere, 2018, 9, e02226.	1.0	49
84	sPlotOpen â€“ An environmentally balanced, openâ€access, global dataset of vegetation plots. Global Ecology and Biogeography, 2021, 30, 1740-1764.	2.7	49
85	Widespread decline in Central European plant diversity across six decades. Global Change Biology, 2021, 27, 1097-1110.	4.2	48
86	Selective slug grazing on montane meadow plants. Journal of Ecology, 1999, 87, 828-838.	1.9	47
87	Crown and leaf traits as predictors of subtropical tree sapling growth rates. Journal of Plant Ecology, 2017, 10, 136-145.	1.2	47
88	Protection gaps and restoration opportunities for primary forests in Europe. Diversity and Distributions, 2020, 26, 1646-1662.	1.9	47
89	Mechanisms promoting tree species coâ€existence: Experimental evidence with saplings of subtropical forest ecosystems of China. Journal of Vegetation Science, 2012, 23, 837-846.	1.1	46
90	Kinetic Energy of Throughfall in Subtropical Forests of SE China â€“ Effects of Tree Canopy Structure, Functional Traits, and Biodiversity. PLoS ONE, 2013, 8, e49618.	1.1	46

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91	Production of Perennial Vegetation in an Oasis-desert Transition Zone in NW China - Allometric Estimation, and Assessment of Flooding and Use Effects. Plant Ecology, 2005, 181, 23-43.	0.7	45
92	Early subtropical forest growth is driven by community mean trait values and functional diversity rather than the abiotic environment. Ecology and Evolution, 2015, 5, 3541-3556.	0.8	45
93	Root exudate composition of grass and forb species in natural grasslands. Scientific Reports, 2020, 10, 10691.	1.6	45
94	Linking Xylem Hydraulic Conductivity and Vulnerability to the Leaf Economics Spectrumâ€"A Cross-Species Study of 39 Evergreen and Deciduous Broadleaved Subtropical Tree Species. PLoS ONE, 2014, 9, e109211.	1.1	45
95	Secondary invasion of Acer negundo: the role of phenotypic responses versus local adaptation. Biological Invasions, 2011, 13, 1599-1614.	1.2	44
96	Evaluating the transplantation of a meadow in the Harz Mountains, Germany. Biological Conservation, 2000, 92, 109-120.	1.9	43
97	The responses of grassland plants to experimentally simulated climate change depend on land use and region. Global Change Biology, 2012, 18, 127-137.	4.2	43
98	Functional and phylogenetic diversity of woody plants drive herbivory in a highly diverse forest. New Phytologist, 2014, 202, 864-873.	3.5	43
99	Early positive effects of tree species richness on herbivory in a largeâ€scale forest biodiversity experiment influence tree growth. Journal of Ecology, 2015, 103, 563-571.	1.9	43
100	Species-Specific Effects on Throughfall Kinetic Energy in Subtropical Forest Plantations Are Related to Leaf Traits and Tree Architecture. PLoS ONE, 2015, 10, e0128084.	1.1	43
101	Central and peripheral Hornungia petraea populations: patterns and dynamics. Journal of Ecology, 2005, 93, 584-595.	1.9	42
102	Lack of tree layer control on herb layer characteristics in a subtropical forest, China. Journal of Vegetation Science, 2011, 22, 1120-1131.	1.1	42
103	Relationships Between Soil Microorganisms, Plant Communities, and Soil Characteristics in Chinese Subtropical Forests. Ecosystems, 2012, 15, 624-636.	1.6	42
104	Functional community ecology meets restoration ecology: Assessing the restoration success of alluvial floodplain meadows with functional traits. Journal of Applied Ecology, 2016, 53, 751-764.	1.9	42
105	Drivers of intraspecific trait variation of grass and forb species in German meadows and pastures. Journal of Vegetation Science, 2017, 28, 705-716.	1.1	42
106	No plant functional diversity effects on foliar fungal pathogens in experimental tree communities. Fungal Diversity, 2014, 66, 139-151.	4.7	41
107	Tree phylogenetic diversity promotes hostâ€"parasitoid interactions. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20160275.	1.2	41
108	Toward a methodical framework for comprehensively assessing forest multifunctionality. Ecology and Evolution, 2017, 7, 10652-10674.	0.8	41

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109	Of niches and distributions: range size increases with niche breadth both globally and regionally but regional estimates poorly relate to global estimates. Ecography, 2019, 42, 467-477.	2.1	41
110	Neighbourhood diversity mitigates drought impacts on tree growth. Journal of Ecology, 2020, 108, 865-875.	1.9	41
111	The Impact of Tree Diversity on Different Aspects of Insect Herbivory along a Global Temperature Gradient - A Meta-Analysis. PLoS ONE, 2016, 11, e0165815.	1.1	41
112	Fungal disease incidence along tree diversity gradients depends on latitude in European forests. Ecology and Evolution, 2016, 6, 2426-2438.	0.8	40
113	Global fern and lycophyte richness explained: How regional and local factors shape plot richness. Journal of Biogeography, 2020, 47, 59-71.	1.4	40
114	Distance decay 2.0 â€“ A global synthesis of taxonomic and functional turnover in ecological communities. Global Ecology and Biogeography, 2022, 31, 1399-1421.	2.7	40
115	Global priorities of environmental issues to combat food insecurity and biodiversity loss. Science of the Total Environment, 2020, 730, 139096.	3.9	39
116	Translocation of a montane meadow to simulate the potential impact of climate change. Applied Vegetation Science, 2003, 6, 23-34.	0.9	38
117	Soil Bacterial Community Structure Responses to Precipitation Reduction and Forest Management in Forest Ecosystems across Germany. PLoS ONE, 2015, 10, e0122539.	1.1	38
118	Belowground top-down and aboveground bottom-up effects structure multitrophic community relationships in a biodiverse forest. Scientific Reports, 2017, 7, 4222.	1.6	38
119	The significance of tree-tree interactions for forest ecosystem functioning. Basic and Applied Ecology, 2021, 55, 33-52.	1.2	38
120	Multitrophic diversity in a biodiverse forest is highly nonlinear across spatial scales. Nature Communications, 2015, 6, 10169.	5.8	37
121	Regulation of the water status in three co-occurring phreatophytes at the southern fringe of the Taklamakan Desert. Journal of Plant Ecology, 2008, 1, 227-235.	1.2	36
122	Opposing intraspecific vs. interspecific diversity effects on herbivory and growth in subtropical experimental tree assemblages. Journal of Plant Ecology, 2017, 10, 242-251.	1.2	36
123	Leaf litter diversity alters microbial activity, microbial abundances, and nutrient cycling in a subtropical forest ecosystem. Biogeochemistry, 2017, 134, 163-181.	1.7	36
124	Exploring large vegetation databases to detect temporal trends in species occurrences. Journal of Vegetation Science, 2011, 22, 957-972.	1.1	35
125	Taxonomic and ecological relevance of the chlorophyll a fluorescence signature of tree species in mixed European forests. New Phytologist, 2016, 212, 51-65.	3.5	35
126	Characterization of Unexplored Deadwood Mycobiome in Highly Diverse Subtropical Forests Using Culture-independent Molecular Technique. Frontiers in Microbiology, 2017, 8, 574.	1.5	35

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127	Testing macroecological abundance patterns: The relationship between local abundance and range size, range position and climatic suitability among European vascular plants. Journal of Biogeography, 2020, 47, 2210-2222.	1.4	35
128	Invasibility or invasiveness? Effects of habitat, genotype, and their interaction on invasive Rhododendron ponticum populations. Biological Invasions, 2010, 12, 657-676.	1.2	34
129	Life on the edge â€“ to which degree does phreatic water sustain vegetation in the periphery of the Taklamakan Desert?. Applied Vegetation Science, 2010, 13, 56-71.	0.9	34
130	Conifer proportion explains fine root biomass more than tree species diversity and site factors in major European forest types. Forest Ecology and Management, 2017, 406, 330-350.	1.4	34
131	Herbivore and pathogen effects on tree growth are additive, but mediated by tree diversity and plant traits. Ecology and Evolution, 2017, 7, 7462-7474.	0.8	34
132	A comparison of native and invasive populations of three clonal plant species in Germany and New Zealand. Journal of Biogeography, 2009, 36, 865-878.	1.4	33
133	Gap dynamics in a near-natural spruce forest at Mt. Brocken, Germany. Forest Ecology and Management, 2010, 259, 624-632.	1.4	33
134	Tree species richness and fungi in freshly fallen leaf litter: Unique patterns of fungal species composition and their implications for enzymatic decomposition. Soil Biology and Biochemistry, 2018, 127, 120-126.	4.2	33
135	Seasonal variation of secondary metabolites in nine different bryophytes. Ecology and Evolution, 2018, 8, 9105-9117.	0.8	33
136	Multiple components of plant diversity loss determine herbivore phylogenetic diversity in a subtropical forest experiment. Journal of Ecology, 2019, 107, 2697-2712.	1.9	33
137	Correspondence of the fine-scale spatial variation in soil chemistry and the herb layer vegetation in beech forests. Forest Ecology and Management, 2005, 210, 205-223.	1.4	32
138	Transpiration and stomatal control: a cross-species study of leaf traits in 39 evergreen and deciduous broadleaved subtropical tree species. Trees - Structure and Function, 2014, 28, 901-914.	0.9	32
139	Woody plant phylogenetic diversity mediates bottomâ€“up control of arthropod biomass in species-rich forests. Oecologia, 2014, 176, 171-182.	0.9	32
140	Biodiversity postâ€2020: Closing the gap between global targets and nationalâ€level implementation. Conservation Letters, 2022, 15, e12848.	2.8	32
141	Twelve years of succession on sandy substrates in a postâ€mining landscape: a Markov chain analysis. Ecological Applications, 2010, 20, 1136-1147.	1.8	31
142	Peeking at ecosystem stability: making use of a natural disturbance experiment to analyze resistance and resilience. Ecology, 2009, 90, 1314-1325.	1.5	30
143	Clonal structure and genetic diversity of three desert phreatophytes. American Journal of Botany, 2010, 97, 234-242.	0.8	30
144	Germination responses of three grassland species differ between native and invasive origins. Ecological Research, 2011, 26, 763-771.	0.7	30

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145	The role of UV-B radiation in the invasion of Hieracium pilosellaâ€"A comparison of German and New Zealand plants. Environmental and Experimental Botany, 2012, 75, 173-180.	2.0	30
146	The strength of soil-plant interactions under forest is related to a Critical Soil Depth. Scientific Reports, 2019, 9, 8635.	1.6	30
147	Tree diversity promotes functional dissimilarity and maintains functional richness despite species loss in predator assemblages. Oecologia, 2014, 174, 533-543.	0.9	29
148	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
149	Early positive effects of tree species richness on soil organic carbon accumulation in a large-scale forest biodiversity experiment. Journal of Plant Ecology, 2019, 12, 882-893.	1.2	29
150	Winners and losers over 35 years of dragonfly and damselfly distributional change in Germany. Diversity and Distributions, 2021, 27, 1353-1366.	1.9	29
151	Biodiversity in European agricultural landscapes: transformative societal changes needed. Trends in Ecology and Evolution, 2021, 36, 1067-1070.	4.2	29
152	Climatic factors controlling the eastern and altitudinal distribution boundary of Digitalis purpurea L. in Germany. Flora: Morphology, Distribution, Functional Ecology of Plants, 2002, 197, 475-490.	0.6	28
153	Ecological investigations on the northern distribution range of Hippocrepis comosa L. in Germany. Plant Ecology, 2003, 166, 167-188.	0.7	28
154	Intraspecific variability in frost hardiness of Fagus sylvatica L.. European Journal of Forest Research, 2015, 134, 433-441.	1.1	28
155	Experimental Evidence of Functional Group-Dependent Effects of Tree Diversity on Soil Fungi in Subtropical Forests. Frontiers in Microbiology, 2018, 9, 2312.	1.5	28
156	Pluralism and diversity: trends in the use and application of ordination methods 1990â€2007. Journal of Vegetation Science, 2009, 20, 695-705.	1.1	27
157	Insights into succession processes using temporally repeated habitat models: results from a longâ€term study in a postâ€mining landscape. Journal of Vegetation Science, 2009, 20, 629-638.	1.1	27
158	How do evergreen and deciduous species respond to shade?â€"Tolerance and plasticity of subtropical tree and shrub species of South-East China. Environmental and Experimental Botany, 2013, 87, 179-190.	2.0	27
159	Interaction of gap age and microsite type for the regeneration of Picea abies. Forest Ecology and Management, 2010, 259, 1597-1605.	1.4	26
160	Shifts in community leaf functional traits are related to litter decomposition along a secondary forest succession series in subtropical China. Journal of Plant Ecology, 2015, 8, 401-410.	1.2	26
161	Phylogenetic turnover during subtropical forest succession across environmental and phylogenetic scales. Ecology and Evolution, 2017, 7, 11079-11091.	0.8	26
162	Tree diversity promotes generalist herbivore community patterns in a young subtropical forest experiment. Oecologia, 2017, 183, 455-467.	0.9	26

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163	Leaf Attenuated Total Reflection Fourier Transform Infrared (ATR-FTIR) biochemical profile of grassland plant species related to land-use intensity. Ecological Indicators, 2018, 84, 803-810.	2.6	26
164	Semiâ€polar root exudates in natural grassland communities. Ecology and Evolution, 2019, 9, 5526-5541.	0.8	26
165	Consequences of multiple imputation of missing standard deviations and sample sizes in metaâ€analysis. Ecology and Evolution, 2020, 10, 11699-11712.	0.8	26
166	Foliar fungi of Betula pendula: impact of tree species mixtures and assessment methods. Scientific Reports, 2017, 7, 41801.	1.6	26
167	Soil macrofauna and leaf functional traits drive the decomposition of secondary metabolites in leaf litter. Soil Biology and Biochemistry, 2019, 135, 429-437.	4.2	25
168	The relationship between niche breadth and range size of beech (Fagus) species worldwide. Journal of Biogeography, 2021, 48, 1240-1253.	1.4	25
169	The genetic architecture of seedling resistance to Septoria tritici blotch in the winter wheat doubled-haploid population SolitÃrÂÃ—ÂMazurka. Molecular Breeding, 2012, 29, 813-830.	1.0	24
170	Positive feedback loop between earthworms, humus form and soil pH reinforces earthworm abundance in European forests. Functional Ecology, 2020, 34, 2598-2610.	1.7	24
171	Host functional and phylogenetic composition rather than host diversity structure plantâ€“herbivore networks. Molecular Ecology, 2020, 29, 2747-2762.	2.0	24
172	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
173	Long-term datasets: From descriptive to predictive data using ecoinformatics. Journal of Vegetation Science, 2007, 18, 458.	1.1	23
174	Investigating habitat-specific plant species pools under climate change. Basic and Applied Ecology, 2010, 11, 603-611.	1.2	23
175	Experimental tests for determining the causes of the altitudinal distribution of Meum athamanticum Jacq. in the Harz Mountains. Flora: Morphology, Distribution, Functional Ecology of Plants, 2001, 196, 227-241.	0.6	22
176	Maintenance of constant functional diversity during secondary succession of a subtropical forest in China. Journal of Vegetation Science, 2014, 25, 897-911.	1.1	22
177	Mixing tree species associated with arbuscular or ectotrophic mycorrhizae reveals dual mycorrhization and interactive effects on the fungal partners. Ecology and Evolution, 2021, 11, 5424-5440.	0.8	22
178	Tree mycorrhizal type and tree diversity shape the forest soil microbiota. Environmental Microbiology, 2022, 24, 4236-4255.	1.8	22
179	Using standardized sampling designs from population ecology to assess biodiversity patterns of therophyte vegetation across scales. Journal of Biogeography, 2004, 31, 363-377.	1.4	21
180	Diversity of lowland hay meadows and pastures inÂWestern and Central Europe. Applied Vegetation Science, 2017, 20, 702-719.	0.9	21

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181	Predicting individual plant performance in grasslands. Ecology and Evolution, 2017, 7, 8958-8965.	0.8	21
182	Moderately common plants show highest relative losses. Conservation Letters, 2020, 13, e12674.	2.8	21
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