Martin Zobel

List of Publications by Year
in descending order

212 papers	23,887 citations	10986 71 h-index	8396 147 g-index
218 all docs	218 docs citations	218 times ranked	21075 citing authors

#	Article	IF	Citations
1	LOTVS: A global collection of permanent vegetation plots. Journal of Vegetation Science, 2022, 33, .	2.2	4
2	Plant diversity but not productivity is associated with community mycorrhization in temperate grasslands. Journal of Vegetation Science, 2022, 33, .	2.2	2
3	Global taxonomic and phylogenetic assembly of AM fungi. Mycorrhiza, 2022, 32, 135-144.	2.8	14
4	Structure and function of the soil microbiome underlying N2O emissions from global wetlands. Nature Communications, 2022, 13, 1430.	12.8	72
5	Global soil microbiomes: A new frontline of biomeâ€ecology research. Global Ecology and Biogeography, 2022, 31, 1120-1132.	5.8	19
6	Landscapes, management practices and their interactions shape soil fungal diversity in arable fields â€" Evidence from a nationwide farmers' network. Soil Biology and Biochemistry, 2022, 168, 108652.	8.8	7
7	Dominance, diversity, and niche breadth in arbuscular mycorrhizal fungal communities. Ecology, 2022, 103, e3761.	3.2	11
8	Light availability and light demand of plants shape the arbuscular mycorrhizal fungal communities in their roots. Ecology Letters, 2021, 24, 426-437.	6.4	20
9	Global macroecology of nitrogenâ€fixing plants. Global Ecology and Biogeography, 2021, 30, 514-526.	5.8	16
10	Temperature and pH define the realised niche space of arbuscular mycorrhizal fungi. New Phytologist, 2021, 231, 763-776.	7.3	126
11	Towards a consistent benchmark for plant mycorrhizal association databases. New Phytologist, 2021, 231, 913-916.	7.3	12
12	Woody encroachment in grassland elicits complex changes in the functional structure of aboveâ€and belowground biota. Ecosphere, 2021, 12, e03512.	2.2	14
13	sPlotOpen â€" An environmentally balanced, openâ€access, global dataset of vegetation plots. Global Ecology and Biogeography, 2021, 30, 1740-1764.	5.8	49
14	The joint effect of host plant genetic diversity and arbuscular mycorrhizal fungal communities on restoration success. Functional Ecology, 2021, 35, 2621-2634.	3.6	8
15	Fine-root traits in the global spectrum of plant form and function. Nature, 2021, 597, 683-687.	27.8	102
16	Diversity of arbuscular mycorrhizal fungi and its chemical drivers across dryland habitats. Mycorrhiza, 2021, 31, 685-697.	2.8	11
17	Arbuscular Mycorrhizal Fungal Communities in the Soils of Desert Habitats. Microorganisms, 2021, 9, 229.	3.6	19
18	Arbuscular mycorrhizal fungi promote small-scale vegetation recovery in the forest understorey. Oecologia, 2021, 197, 685-697.	2.0	1

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19	The role of genetic diversity and arbuscular mycorrhizal fungal diversity in population recovery of the semi-natural grassland plant species Succisa pratensis. Bmc Ecology and Evolution, 2021, 21, 200.	1.6	4
20	Widespread homogenization of plant communities in the Anthropocene. Nature Communications, 2021, 12, 6983.	12.8	57
21	Asymmetric patterns of global diversity among plants and mycorrhizal fungi. Journal of Vegetation Science, 2020, 31, 355-366.	2.2	20
22	Not a melting pot: Plant species aggregate in their nonâ€native range. Global Ecology and Biogeography, 2020, 29, 482-490.	5.8	16
23	Synchrony matters more than species richness in plant community stability at a global scale. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 24345-24351.	7.1	113
24	Coâ€introduction of native mycorrhizal fungi and plant seeds accelerates restoration of postâ€mining landscapes. Journal of Applied Ecology, 2020, 57, 1741-1751.	4.0	33
25	Different wheat cultivars exhibit variable responses to inoculation with arbuscular mycorrhizal fungi from organic and conventional farms. PLoS ONE, 2020, 15, e0233878.	2.5	29
26	Directional trends in species composition over time can lead to a widespread overemphasis of yearâ€toâ€year asynchrony. Journal of Vegetation Science, 2020, 31, 792-802.	2.2	15
27	How mycorrhizal associations drive plant population and community biology. Science, 2020, 367, .	12.6	453
28	Plant functional groups associate with distinct arbuscular mycorrhizal fungal communities. New Phytologist, 2020, 226, 1117-1128.	7.3	69
29	Disentangling the processes driving plant assemblages in mountain grasslands across spatial scales and environmental gradients. Journal of Ecology, 2019, 107, 265-278.	4.0	26
30	Benefits of mycorrhizal inoculation to ecological restoration depend on plant functional type, restoration context and time. Fungal Ecology, 2019, 40, 140-149.	1.6	103
31	DarkDivNet â€“ A global research collaboration to explore the dark diversity of plant communities. Journal of Vegetation Science, 2019, 30, 1039-1043.	2.2	9
32	Responses of plant community mycorrhization to anthropogenic influence depend on the habitat and mycorrhizal type. Oikos, 2019, 128, 1565-1575.	2.7	4
33	Arbuscular mycorrhizal fungal community composition determines the competitive response of two grassland forbs. PLoS ONE, 2019, 14, e0219527.	2.5	8
34	Misdiagnosis and uncritical use of plant mycorrhizal data are not the only elephants in the room. New Phytologist, 2019, 224, 1415-1418.	7.3	32
35	Research questions to facilitate the future development of European long-term ecosystem research infrastructures: A horizon scanning exercise. Journal of Environmental Management, 2019, 250, 109479.	7.8	13
36	Facultative mycorrhizal associations promote plant naturalization worldwide. Ecosphere, 2019, 10, e02937.	2.2	16

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37	Response of bryophytes to afforestation, increase of air humidity, and enrichment of soil diaspore bank. Forest Ecology and Management, 2019, 432, 64-72.	3.2	11
38	Nonâ€random association patterns in a plantâ€"mycorrhizal fungal network reveal hostâ€"symbiont specificity. Molecular Ecology, 2019, 28, 365-378.	3.9	81
39	Conceptual differences lead to divergent trait estimates in empirical and taxonomic approaches to plant mycorrhizal trait assignment. Mycorrhiza, 2019, 29, 1-11.	2.8	28
40	Anthropogenic disturbance equalizes diversity levels in arbuscular mycorrhizal fungal communities. Global Change Biology, 2018, 24, 2649-2659.	9.5	32
41	Effects of land use on arbuscular mycorrhizal fungal communities in Estonia. Mycorrhiza, 2018, 28, 259-268.	2.8	24
42	The role of plant mycorrhizal type and status in modulating the relationship between plant and arbuscular mycorrhizal fungal communities. New Phytologist, 2018, 220, 1236-1247.	7.3	68
43	Ancient environmental DNA reveals shifts in dominant mutualisms during the lateÂQuaternary. Nature Communications, 2018, 9, 139.	12.8	24
44	Niche differentiation and expansion of plant species are associated with mycorrhizal symbiosis. Journal of Ecology, 2018, 106, 254-264.	4.0	86
45	Soybean cultivation supports a diverse arbuscular mycorrhizal fungal community in central Argentina. Applied Soil Ecology, 2018, 124, 289-297.	4.3	22
46	Widely distributed native and alien plant species differ in arbuscular mycorrhizal associations and related functional trait interactions. Ecography, 2018, 41, 1583-1593.	4.5	9
47	Eltonian niche width determines range expansion success in ectomycorrhizal conifers. New Phytologist, 2018, 220, 947-949.	7.3	6
48	Microbial island biogeography: isolation shapes the life history characteristics but not diversity of root-symbiotic fungal communities. ISME Journal, 2018, 12, 2211-2224.	9.8	55
49	Arbuscular mycorrhizal fungal communities in tropical rain forest are resilient to slash-and-burn agriculture. Journal of Tropical Ecology, 2018, 34, 186-199.	1.1	17
50	Plant mycorrhizal status, but not type, shifts with latitude and elevation in Europe. Global Ecology and Biogeography, 2017, 26, 690-699.	5.8	84
51	Observed and dark diversity of alien plant species in Europe: estimating future invasion risk. Biodiversity and Conservation, 2017, 26, 899-916.	2.6	15
52	Historical biome distribution and recent human disturbance shape the diversity of arbuscular mycorrhizal fungi. New Phytologist, 2017, 216, 227-238.	7.3	66
53	Increased sequencing depth does not increase captured diversity of arbuscular mycorrhizal fungi. Mycorrhiza, 2017, 27, 761-773.	2.8	58
54	Arbuscular mycorrhizal fungal communities in forest plant roots are simultaneously shaped by host characteristics and canopy-mediated light availability. Plant and Soil, 2017, 410, 259-271.	3.7	38

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55	Mycorrhizal status helps explain invasion success of alien plant species. Ecology, 2017, 98, 92-102.	3.2	77
56	Global Patterns in Local and Dark Diversity, Species Pool Size and Community Completeness in Ectomycorrhizal Fungi. Ecological Studies, 2017, , 395-406.	1.2	9
57	Macroecology of biodiversity: disentangling local and regional effects. New Phytologist, 2016, 211, 404-410.	7.3	63
58	Sequence variation in nuclear ribosomal small subunit, internal transcribed spacer and large subunit regions of <i>Rhizophagus irregularis</i> and <i>Gigaspora margarita</i> is high and isolateâ€dependent. Molecular Ecology, 2016, 25, 2816-2832.	3.9	64
59	Secondary succession in alvar grasslands â€“ do changes in vascular plant and cryptogam communities correspond?. Folia Geobotanica, 2016, 51, 285-296.	0.9	4
60	Impact of alien pines on local arbuscular mycorrhizal fungal communitiesâ€”evidence from two continents. FEMS Microbiology Ecology, 2016, 92, fiw073.	2.7	41
61	Symbiont dynamics during ecosystem succession: co-occurring plant and arbuscular mycorrhizal fungal communities. FEMS Microbiology Ecology, 2016, 92, fiw097.	2.7	67
62	Changes in dispersal and light capturing traits explain postâ€abandonment community change in semiâ€natural grasslands. Journal of Vegetation Science, 2016, 27, 1222-1232.	2.2	21
63	Arbuscular mycorrhizal fungi associating with roots of Alnus and Rubus in Europe and the Middle East. Fungal Ecology, 2016, 24, 27-34.	1.6	12
64	The species pool concept as a framework for studying patterns of plant diversity. Journal of Vegetation Science, 2016, 27, 8-18.	2.2	149
65	Which randomizations detect convergence and divergence in traitâ€based community assembly? A test of commonly used null models. Journal of Vegetation Science, 2016, 27, 1275-1287.	2.2	73
66	Dispersal of arbuscular mycorrhizal fungi and plants during succession. Acta Oecologica, 2016, 77, 128-135.	1.1	41
67	AM fungal communities inhabiting the roots of submerged aquatic plant Lobelia dortmanna are diverse and include a high proportion of novel taxa. Mycorrhiza, 2016, 26, 735-745.	2.8	28
68	Distribution patterns of arbuscular mycorrhizal and non-mycorrhizal plant species in Germany. Perspectives in Plant Ecology, Evolution and Systematics, 2016, 21, 78-88.	2.7	30
69	Response to Comment on â€œWorldwide evidence of a unimodal relationship between productivity and plant species richnessâ€ Science, 2016, 351, 457-457.	12.6	5
70	Hierarchical assembly rules in arbuscular mycorrhizal (AM) fungal communities. Soil Biology and Biochemistry, 2016, 97, 63-70.	8.8	73
71	Plant community mycorrhization in temperate forests and grasslands: relations with edaphic properties and plant diversity. Journal of Vegetation Science, 2016, 27, 89-99.	2.2	45
72	Response to Comment on â€œGlobal assessment of arbuscular mycorrhizal fungus diversity reveals very low endemismâ€ Science, 2016, 351, 826-826.	12.6	17

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73	Disjunct populations of <scp>E</scp>uropean vascular plant species keep the same climatic niches. Global Ecology and Biogeography, 2015, 24, 1401-1412.	5.8	39
74	Response to Comment on â€œWorldwide evidence of a unimodal relationship between productivity and plant species richnessâ€• Science, 2015, 350, 1177-1177.	12.6	9
75	Characteristic and derived diversity: implementing the species pool concept to quantify conservation condition of habitats. Diversity and Distributions, 2015, 21, 711-721.	4.1	52
76	Worldwide evidence of a unimodal relationship between productivity and plant species richness. Science, 2015, 349, 302-305.	12.6	315
77	Global assessment of arbuscular mycorrhizal fungus diversity reveals very low endemism. Science, 2015, 349, 970-973.	12.6	644
78	Agricultural Policies Exacerbate Honeybee Pollination Service Supply-Demand Mismatches Across Europe. PLoS ONE, 2014, 9, e82996.	2.5	171
79	Spatially-Explicit Estimation of Geographical Representation in Large-Scale Species Distribution Datasets. PLoS ONE, 2014, 9, e85306.	2.5	19
80	Soil Nutrient Content Influences the Abundance of Soil Microbes but Not Plant Biomass at the Small-Scale. PLoS ONE, 2014, 9, e91998.	2.5	60
81	Seed bank and its restoration potential in <scp>E</scp>stonian flooded meadows. Applied Vegetation Science, 2014, 17, 262-273.	1.9	19
82	Anthropogenic land use shapes the composition and phylogenetic structure of soil arbuscular mycorrhizal fungal communities. FEMS Microbiology Ecology, 2014, 90, 609-621.	2.7	138
83	DNA-based detection and identification of Glomeromycota: the virtual taxonomy of environmental sequences. Botany, 2014, 92, 135-147.	1.0	170
84	Predicting species' maximum dispersal distances from simple plant traits. Ecology, 2014, 95, 505-513.	3.2	207
85	Root-colonizing and soil-borne communities of arbuscular mycorrhizal fungi in a temperate forest understorey. Botany, 2014, 92, 277-285.	1.0	86
86	Which is a better predictor of plant traits: temperature or precipitation?. Journal of Vegetation Science, 2014, 25, 1167-1180.	2.2	323
87	Plant and arbuscular mycorrhizal fungal (<scp>AMF</scp>) communities â€“ which drives which?. Journal of Vegetation Science, 2014, 25, 1133-1140.	2.2	123
88	Species richness of arbuscular mycorrhizal fungi: associations with grassland plant richness and biomass. New Phytologist, 2014, 203, 233-244.	7.3	256
89	Fifty thousand years of Arctic vegetation and megafaunal diet. Nature, 2014, 506, 47-51.	27.8	505
90	Vegetation patterns and their underlying processes: where are we now?. Journal of Vegetation Science, 2014, 25, 1113-1116.	2.2	4

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91	The resilience of the forest field layer to anthropogenic disturbances depends on site productivity. Canadian Journal of Forest Research, 2013, 43, 1040-1049.	1.7	8
92	Global sampling of plant roots expands the described molecular diversity of arbuscular mycorrhizal fungi. Mycorrhiza, 2013, 23, 411-430.	2.8	280
93	Mycorrhizas in the Central European flora: relationships with plant life history traits and ecology. Ecology, 2013, 94, 1389-1399.	3.2	150
94	Impact of management on biodiversity-biomass relations in Estonian flooded meadows. Plant Ecology, 2013, 214, 845-856.	1.6	13
95	Community Completeness: Linking Local and Dark Diversity within the Species Pool Concept. Folia Geobotanica, 2013, 48, 307-317.	0.9	69
96	Local temperatures inferred from plant communities suggest strong spatial buffering of climate warming across <scp>N</scp>orthern <scp>E</scp>urope. Global Change Biology, 2013, 19, 1470-1481.	9.5	200
97	Arbuscular Mycorrhizal Fungal Networks Vary throughout the Growing Season and between Successional Stages. PLoS ONE, 2013, 8, e83241.	2.5	58
98	Inter- and intrasporal nuclear ribosomal gene sequence variation within one isolate of arbuscular mycorrhizal fungus, Diversispora sp.. Symbiosis, 2012, 58, 135-147.	2.3	22
99	Effects of arbuscular mycorrhiza on community composition and seedling recruitment in temperate forest understory. Basic and Applied Ecology, 2012, 13, 663-672.	2.7	27
100	Functional species pool framework to test for biotic effects on community assembly. Ecology, 2012, 93, 2263-2273.	3.2	205
101	Bacterial community structure and its relationship to soil physico-chemical characteristics in alder stands with different management histories. Ecological Engineering, 2012, 49, 10-17.	3.6	63
102	Temperate forest understorey species performance is altered by local arbuscular mycorrhizal fungal communities from stands of different successional stages. Plant and Soil, 2012, 356, 331-339.	3.7	32
103	Ecological assembly rules in plant communitiesâ€”approaches, patterns and prospects. Biological Reviews, 2012, 87, 111-127.	10.4	717
104	The localâ€regional species richness relationship: new perspectives on the nullâ€hypothesis. Oikos, 2012, 121, 321-326.	2.7	32
105	On the use of weather data in ecological studies along altitudinal and latitudinal gradients. Oikos, 2012, 121, 3-19.	2.7	135
106	Biological Flora of the British Isles: <i>Dryopteris carthusiana</i>, <i>D.Âdilatata</i> and <i>D.Âexpansa</i>. Journal of Ecology, 2012, 100, 1039-1063.	4.0	16
107	Restoration potential of the persistent soil seed bank in successional calcareous (alvar) grasslands in <scp>E</scp>stonia. Applied Vegetation Science, 2012, 15, 208-218.	1.9	61
108	Restoration of flooded meadows in <scp>E</scp>stonia â€“ vegetation changes and management indicators. Applied Vegetation Science, 2012, 15, 231-244.	1.9	17

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109	Grassland diversity under changing productivity and the underlying mechanisms â€“ results of a 10â€yr experiment. Journal of Vegetation Science, 2012, 23, 919-930.	2.2	16
110	Plant species richness belowground: higher richness and new patterns revealed by nextâ€generation sequencing. Molecular Ecology, 2012, 21, 2004-2016.	3.9	105
111	Communities of Arbuscular Mycorrhizal Fungi Detected in Forest Soil Are Spatially Heterogeneous but Do Not Vary throughout the Growing Season. PLoS ONE, 2012, 7, e41938.	2.5	150
112	Dark diversity: shedding light on absent species. Trends in Ecology and Evolution, 2011, 26, 124-128.	8.7	275
113	Discerning the niche of dark diversity. Trends in Ecology and Evolution, 2011, 26, 265-266.	8.7	9
114	The formation of species pools: historical habitat abundance affects current local diversity. Global Ecology and Biogeography, 2011, 20, 251-259.	5.8	87
115	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.	3.0	137
116	Forces that structure plant communities: quantifying the importance of the mycorrhizal symbiosis. New Phytologist, 2011, 189, 366-370.	7.3	149
117	Arbuscular mycorrhizal fungal communities in plant roots are not random assemblages. FEMS Microbiology Ecology, 2011, 78, 103-115.	2.7	183
118	An experimental facility for free air humidity manipulation (FAHM) can alter water flux through deciduous tree canopy. Environmental and Experimental Botany, 2011, 72, 432-438.	4.2	90
119	Developing European conservation and mitigation tools for pollination services: approaches of the STEP (Status and Trends of European Pollinators) project. Journal of Apicultural Research, 2011, 50, 152-164.	1.5	64
120	The productivityâ€“diversity relationship: varying aims and approaches. Ecology, 2010, 91, 2565-2567.	3.2	22
121	Changing conservation strategies in Europe: a framework integrating ecosystem services and dynamics. Biodiversity and Conservation, 2010, 19, 2963-2977.	2.6	83
122	Identifying and prioritising services in European terrestrial and freshwater ecosystems. Biodiversity and Conservation, 2010, 19, 2791-2821.	2.6	146
123	Ecosystem services and biodiversity conservation: concepts and a glossary. Biodiversity and Conservation, 2010, 19, 2773-2790.	2.6	137
124	Establishment of a cross-European field site network in the ALARM project for assessing large-scale changes in biodiversity. Environmental Monitoring and Assessment, 2010, 164, 337-348.	2.7	10
125	Multiple stressors on biotic interactions: how climate change and alien species interact to affect pollination. Biological Reviews, 2010, 85, 777-795.	10.4	259
126	The online database Maarj<i>AM</i> reveals global and ecosystemic distribution patterns in arbuscular mycorrhizal fungi (Glomeromycota). New Phytologist, 2010, 188, 223-241.	7.3	857

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127	Clonal mobility and its implications for spatio-temporal patterns of plant communities: what do we need to know next?. Oikos, 2010, 119, 802-806.	2.7	52
128	Habitat fragmentation causes immediate and timeâ€delayed biodiversity loss at different trophic levels. Ecology Letters, 2010, 13, 597-605.	6.4	620
129	The effects of species pool, dispersal and competition on the diversityâ€“productivity relationship. Global Ecology and Biogeography, 2010, 19, 343-351.	5.8	27
130	Securing the Conservation of Biodiversity across Administrative Levels and Spatial, Temporal, and Ecological Scales â€“ Research Needs and Approaches of the <i>SCALES</i> Project. Gaia, 2010, 19, 187-193.	0.7	54
131	Different factors govern the performance of three closely related and ecologically similar Dryopteris species with contrastingly different abundance in a transplant experiment. Botany, 2010, 88, 961-969.	1.0	8
132	Significant effects of temperature on the reproductive output of the forest herb Anemone nemorosa L.. Forest Ecology and Management, 2010, 259, 809-817.	3.2	41
133	Rooting theories of plant community ecology in microbial interactions. Trends in Ecology and Evolution, 2010, 25, 468-478.	8.7	666
134	An Assessment of Ecosystem Services and Biodiversity in Europe. Issues in Environmental Science and Technology, 2010, , 1-28.	0.4	8
135	Arbuscular Mycorrhizae and Plantâ€“Plant Interactions. , 2010, , 79-98.		36
136	Restoration Management of a Floodplain Meadow and Its Cost-Effectiveness â€” the Results of a 6-Year Experiment. Annales Botanici Fennici, 2009, 46, 397-408.	0.1	33
137	Differential effect of arbuscular mycorrhizal fungal communities from ecosystems along management gradient on the growth of forest understorey plant species. Soil Biology and Biochemistry, 2009, 41, 2141-2146.	8.8	49
138	Understory plant diversity is related to higher variability of vegetative mobility of coexisting species. Oecologia, 2009, 159, 355-361.	2.0	28
139	Unravelling the effects of temperature, latitude and local environment on the reproduction of forest herbs. Global Ecology and Biogeography, 2009, 18, 641-651.	5.8	44
140	Past and Present Effectiveness of Protected Areas for Conservation of Naturally and Anthropogenically Rare Plant Species. Conservation Biology, 2009, 23, 750-757.	4.7	31
141	Largeâ€scale parallel 454 sequencing reveals host ecological group specificity of arbuscular mycorrhizal fungi in a boreonemoral forest. New Phytologist, 2009, 184, 424-437.	7.3	481
142	Extinction debt: a challenge for biodiversity conservation. Trends in Ecology and Evolution, 2009, 24, 564-571.	8.7	1,053
143	Alien species in a warmer world: risks and opportunities. Trends in Ecology and Evolution, 2009, 24, 686-693.	8.7	1,031
144	Quantifying the Contribution of Organisms to the Provision of Ecosystem Services. BioScience, 2009, 59, 223-235.	4.9	312

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145	Differences In Post-Emergence Growth Of Three Fern Species Could Help Explain Their Varying Local Abundance. American Fern Journal, 2009, 99, 307-322.	0.3	4
146	Indicators for biodiversity in agricultural landscapes: a panâ€European study. Journal of Applied Ecology, 2008, 45, 141-150.	4.0	530
147	Conservation of the Endemic Fern Lineage Diellia (Aspleniaceae) on the Hawaiian Islands: Can Population Structure Indicate Regional Dynamics and Endangering Factors?. Folia Geobotanica, 2008, 43, 3-18.	0.9	17
148	Plant functional group composition and largeâ€scale species richness in European agricultural landscapes. Journal of Vegetation Science, 2008, 19, 3-14.	2.2	111
149	What is the role of local landscape structure in the vegetation composition of field boundaries?. Applied Vegetation Science, 2008, 11, 375-386.	1.9	44
150	Plant diversity in a calcareous wooded meadow â€" The significance of management continuity. Journal of Vegetation Science, 2008, 19, 475-484.	2.2	74
151	High diversity of arbuscular mycorrhizal fungi in a boreal herbâ€rich coniferous forest. New Phytologist, 2008, 179, 867-876.	7.3	149
152	Prediction uncertainty of environmental change effects on temperate European biodiversity. Ecology Letters, 2008, 11, 235-244.	6.4	79
153	What determines the relationship between plant diversity and habitat productivity?. Global Ecology and Biogeography, 2008, 17, 679-684.	5.8	69
154	Electroactive polymers as a novel actuator technology for lighter-than-air vehicles. , 2007, , .		10
155	Spatial pattern and species richness of boreonemoral forest understorey and its determinantsâ€"A comparison of differently managed forests. Forest Ecology and Management, 2007, 250, 64-70.	3.2	47
156	Soil seed bank and vegetation in mixed coniferous forest stands with different disturbance regimes. Forest Ecology and Management, 2007, 250, 71-76.	3.2	56
157	Grassland diversity related to the Late Iron Age human population density. Journal of Ecology, 2007, 95, 574-582.	4.0	95
158	Effects of landscape structure and landâ€use intensity on similarity of plant and animal communities. Global Ecology and Biogeography, 2007, 16, 774-787.	5.8	151
159	Dispersal limitation may result in the unimodal productivity-diversity relationship: a new explanation for a general pattern. Journal of Ecology, 2007, 95, 90-94.	4.0	69
160	Monitoring of Biological Diversity: a Common-Ground Approach. Conservation Biology, 2007, 21, 313-317.	4.7	38
161	CONTRASTING PLANT PRODUCTIVITYâ€"DIVERSITY RELATIONSHIPS ACROSS LATITUDE: THE ROLE OF EVOLUTIONARY HISTORY. Ecology, 2007, 88, 1091-1097.	3.2	145
162	Novel ecosystems: theoretical and management aspects of the new ecological world order. Global Ecology and Biogeography, 2006, 15, 1-7.	5.8	1,528

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163	Biodiversity and ecosystem functioning: It is time for dispersal experiments. Journal of Vegetation Science, 2006, 17, 543-547.	2.2	40
164	Composition of root-colonizing arbuscular mycorrhizal fungal communities in different ecosystems around the globe. Journal of Ecology, 2006, 94, 778-790.	4.0	470
165	Biodiversity and ecosystem functioning: It is time for dispersal experiments. Journal of Vegetation Science, 2006, 17, 543.	2.2	5
166	Alarm: Assessing Large-scale environmental Risks for biodiversity with tested Methods. Gaia, 2005, 14, 69-72.	0.7	160
167	Diversity and dispersal â€" Can the link be approached experimentally?. Folia Geobotanica, 2005, 40, 3-11.	0.9	36
168	Can long-distance dispersal shape the local and regional species pool?. Folia Geobotanica, 2005, 40, 35-44.	0.9	8
169	Threatened herbaceous species dependent on moderate forest disturbances: A neglected target for ecosystem-based silviculture. Scandinavian Journal of Forest Research, 2005, 20, 145-152.	1.4	25
170	Grouping and prioritization of vascular plant species for conservation: combining natural rarity and management need. Biological Conservation, 2005, 123, 271-278.	4.1	84
171	Population stage structure of Hawaiian endemic fern taxa of Diellia (Aspleniaceae): implications for monitoring and regional dynamics. Canadian Journal of Botany, 2004, 82, 1438-1445.	1.1	16
172	Do different competitive abilities of three fern species explain their different regional abundances?. Journal of Vegetation Science, 2004, 15, 351-356.	2.2	23
173	Native arbuscular mycorrhizal fungal communities differentially influence the seedling performance of rare and common Pulsatilla species. Functional Ecology, 2004, 18, 554-562.	3.6	93
174	Moisture conditions and the presence of bryophytes determine fescue species abundance in a dry calcareous grassland. Oecologia, 2004, 138, 293-299.	2.0	38
175	Divergent arbuscular mycorrhizal fungal communities colonize roots of Pulsatilla spp. in boreal Scots pine forest and grassland soils. New Phytologist, 2003, 160, 581-593.	7.3	149
176	Responses of a rare (Viola elatior) and a common (Viola mirabilis) congeneric species to different management conditions in grassland â€" is different light competition ability responsible for different abundances?. Acta Oecologica, 2003, 24, 169-174.	1.1	26
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