Hans Jacquemyn

List of Publications by Year
in descending order

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244 papers	10,937 citations	34105 52 h-index	53230 85 g-index
248 all docs	248 docs citations	248 times ranked	9075 citing authors

#	Article	IF	Citations
1	EXTINCTION DEBT OF FOREST PLANTS PERSISTS FOR MORE THAN A CENTURY FOLLOWING HABITAT FRAGMENTATION. Ecology, 2006, 87, 542-548.	3.2	405
2	Susceptibility of Common and Rare Plant Species to the Genetic Consequences of Habitat Fragmentation. Conservation Biology, 2007, 21, 823-831.	4.7	383
3	Homogenization of forest plant communities and weakening of species?environment relationships via agricultural land use. Journal of Ecology, 2007, 95, 565-573.	4.0	300
4	Forest fragmentation effects on patch occupancy and population viability of herbaceous plant species. New Phytologist, 2005, 166, 723-736.	7.3	273
5	Possible effects of habitat fragmentation and climate change on the range of forest plant species. Ecology Letters, 2002, 5, 525-530.	6.4	242
6	Metaâ€Analysis of Susceptibility of Woody Plants to Loss of Genetic Diversity through Habitat Fragmentation. Conservation Biology, 2012, 26, 228-237.	4.7	242
7	What constrains the distribution of orchid populations?. New Phytologist, 2014, 202, 392-400.	7.3	207
8	Microbiology of sugarâ€rich environments: diversity, ecology and system constraints. Environmental Microbiology, 2015, 17, 278-298.	3.8	144
9	Analysis of network architecture reveals phylogenetic constraints on mycorrhizal specificity in the genus Orchis (Orchidaceae). New Phytologist, 2011, 192, 518-528.	7.3	135
10	Forest plant species richness in small, fragmented mixed deciduous forest patches: the role of area, time and dispersal limitation. Journal of Biogeography, 2001, 28, 801-812.	3.0	134
11	A spatially explicit analysis of seedling recruitment in the terrestrial orchid Orchis purpurea. New Phytologist, 2007, 176, 448-459.	7.3	133
12	Evolutionary changes in plant reproductive traits following habitat fragmentation and their consequences for population fitness. Journal of Ecology, 2012, 100, 76-87.	4.0	126
13	Can a seed bank maintain the genetic variation in the above ground plant population?. Oikos, 2008, 117, 1-5.	2.7	125
14	Patch occupancy, population size and reproductive success of a forest herb (Primula elatior) in a fragmented landscape. Oecologia, 2002, 130, 617-625.	2.0	119
15	Short-term effects of different management regimes on the response of calcareous grassland vegetation to increased nitrogen. Biological Conservation, 2003, 111, 137-147.	4.1	119
16	Adaptation to fragmentation: evolutionary dynamics driven by human influences. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160037.	4.0	118
17	Reduced reproductive success in small populations of the self-incompatible Primula vulgaris. Journal of Ecology, 2004, 92, 5-14.	4.0	114
18	Influence of environmental and spatial variables on regional distribution of forest plant species in a fragmented and changing landscape. Ecography, 2003, 26, 768-776.	4.5	110

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19	Elevational gradients of species diversity, breeding system and floral traits of orchid species on Reunion Island. Journal of Biogeography, 2005, 32, 1751-1761.	3.0	107
20	Host preference and network properties in biotrophic plantâ€“fungal associations. New Phytologist, 2018, 217, 1230-1239.	7.3	107
21	Impact of primer choice on characterization of orchid mycorrhizal communities using 454 pyrosequencing. Molecular Ecology Resources, 2014, 14, 679-699.	4.8	105
22	Soil phosphorus constrains biodiversity across European grasslands. Global Change Biology, 2014, 20, 3814-3822.	9.5	105
23	A meta-analysis of the relation between mating system, growth form and genotypic diversity in clonal plant species. Evolutionary Ecology, 2008, 22, 299-312.	1.2	104
24	Coexisting orchid species have distinct mycorrhizal communities and display strong spatial segregation. New Phytologist, 2014, 202, 616-627.	7.3	104
25	Low specificity and nested subset structure characterize mycorrhizal associations in five closely related species of the genus Orchis. Molecular Ecology, 2010, 19, 4086-4095.	3.9	101
26	The species pool concept applied to forests in a fragmented landscape: dispersal limitation versus habitat limitation. Journal of Vegetation Science, 2002, 13, 27-34.	2.2	92
27	Genetic structure of the forest herb Primula elatior in a changing landscape. Molecular Ecology, 2004, 13, 211-219.	3.9	92
28	Does nectar reward affect rarity and extinction probabilities of orchid species? An assessment using historical records from Belgium and the Netherlands. Biological Conservation, 2005, 121, 257-263.	4.1	92
29	Management effects on the vegetation and soil seed bank of calcareous grasslands: An 11-year experiment. Biological Conservation, 2011, 144, 416-422.	4.1	86
30	Mycorrhizal networks and coexistence in speciesâ€rich orchid communities. New Phytologist, 2015, 206, 1127-1134.	7.3	86
31	Sizeâ€dependent flowering and costs of reproduction affect population dynamics in a tuberous perennial woodland orchid. Journal of Ecology, 2010, 98, 1204-1215.	4.0	85
32	Differential colonization causing non-random forest plant community structure in a fragmented agricultural landscape. Ecography, 2001, 24, 369-380.	4.5	78
33	Patterns of population genetic diversity in riparian and aquatic plant species along rivers. Journal of Biogeography, 2010, 37, 1730-1739.	3.0	75
34	Acinetobacter nectaris sp. nov. and Acinetobacter boissieri sp. nov., isolated from floral nectar of wild Mediterranean insect-pollinated plants. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 1532-1539.	1.7	74
35	The effects of grassland management on plant performance and demography in the perennial herb Primula veris. Journal of Applied Ecology, 2004, 41, 1080-1091.	4.0	73
36	Low recruitment across life stages partly accounts for the slow colonization of forest herbs. Journal of Ecology, 2009, 97, 109-117.	4.0	72

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37	Spatial variation in belowâ€ground seed germination and divergent mycorrhizal associations correlate with spatial segregation of three coâ€occurring orchid species. Journal of Ecology, 2012, 100, 1328-1337.	4.0	72
38	Abiotic rather than biotic filtering shapes the arbuscular mycorrhizal fungal communities of European seminatural grasslands. New Phytologist, 2018, 220, 1262-1272.	7.3	72
39	Fine-scale genetic structure of life history stages in the food-deceptive orchid Orchis purpurea. Molecular Ecology, 2006, 15, 2801-2808.	3.9	68
40	Pollination efficiency and reproductive patterns in relation to local plant density, population size, and floral display in the rewardingListera ovata(Orchidaceae). Botanical Journal of the Linnean Society, 2008, 157, 713-721.	1.6	67
41	Synergistic effects of an extreme weather event and habitat fragmentation on a specialised insect herbivore. Oecologia, 2009, 159, 117-126.	2.0	67
42	Mycorrhizal diversity, seed germination and longâ€term changes in population size across nine populations of the terrestrial orchid Neottia ovata. Molecular Ecology, 2015, 24, 3269-3280.	3.9	67
43	Specificity and localised distribution of mycorrhizal fungi in the soil may contribute to co-existence of orchid species. Fungal Ecology, 2016, 20, 155-165.	1.6	66
44	Effects of age and distance on the composition of mixed deciduous forest fragments in an agricultural landscape. Journal of Vegetation Science, 2001, 12, 635-642.	2.2	64
45	Variation in the functioning of autonomous self-pollination, pollinator services and floral traits in three Centaurium species. Annals of Botany, 2011, 107, 917-925.	2.9	64
46	Differences in mycorrhizal communities betweenEpipactis palustris,E. helleborineand its presumed sister speciesE. neerlandica. Annals of Botany, 2016, 118, 105-114.	2.9	62
47	Local forest environment largely affects below-ground growth, clonal diversity and fine-scale spatial genetic structure in the temperate deciduous forest herb Paris quadrifolia. Molecular Ecology, 2005, 14, 4479-4488.	3.9	61
48	Predicting vascular plant species richness of fragmented forests in agricultural landscapes in central Belgium. Forest Ecology and Management, 2002, 158, 85-102.	3.2	59
49	THE CONTRIBUTION OF MATING SYSTEM VARIATION TO REPRODUCTIVE ISOLATION IN TWO CLOSELY RELATEDCENTAURIUMSPECIES (GENTIANACEAE) WITH A GENERALIZED FLOWER MORPHOLOGY. Evolution; International Journal of Organic Evolution, 2014, 68, 1281-1293.	2.3	59
50	Mycorrhizal specificity does not limit the distribution of an endangered orchid species. Molecular Ecology, 2017, 26, 1687-1701.	3.9	59
51	Variation in Mycorrhizal Associations with Tulasnelloid Fungi among Populations of Five Dactylorhiza Species. PLoS ONE, 2012, 7, e42212.	2.5	59
52	Effects of humanâ€mediated pollinator impoverishment on floral traits and mating patterns in a shortâ€lived herb: an experimental approach. Functional Ecology, 2012, 26, 189-197.	3.6	58
53	Temporal changes (1986â€“1999) in populations of primrose (Primula vulgaris Huds.) in an agricultural landscape and implications for conservation. Biological Conservation, 2002, 105, 11-25.	4.1	56
54	Spatiotemporal structure of genetic variation of a spreading plant metapopulation on dynamic riverbanks along the Meuse River. Heredity, 2006, 96, 471-478.	2.6	56

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55	Among-Population Variation in Microbial Community Structure in the Floral Nectar of the Bee-Pollinated Forest Herb Pulmonaria officinalis L. PLoS ONE, 2013, 8, e56917.	2.5	55
56	Mycorrhizal Associations and Trophic Modes in Coexisting Orchids: An Ecological Continuum between Auto- and Mixotrophy. Frontiers in Plant Science, 2017, 8, 1497.	3.6	55
57	Fitness variation and genetic diversity in small, remnant populations of the food deceptive orchid Orchis purpurea. Biological Conservation, 2007, 139, 203-210.	4.1	54
58	Rosenbergiella australoborealis sp. nov., Rosenbergiella collisarenosi sp. nov. and Rosenbergiella epipactidis sp. nov., three novel bacterial species isolated from floral nectar. Systematic and Applied Microbiology, 2014, 37, 402-411.	2.8	53
59	The relationship between reproductive success and demographic structure in remnant populations of Primula veris. Acta Oecologica, 2003, 24, 247-253.	1.1	52
60	Sexual reproduction, clonal diversity and genetic differentiation in patchily distributed populations of the temperate forest herb Paris quadrifolia (Trilliaceae). Oecologia, 2006, 147, 434-444.	2.0	52
61	Genetic diversity within and between remnant populations of the endangered calcareous grassland plant Globularia bisnagarica L.. Conservation Genetics, 2007, 8, 293-303.	1.5	52
62	Mycorrhizal associations and reproductive isolation in three closely related Orchis species. Annals of Botany, 2011, 107, 347-356.	2.9	52
63	Sweet Scents: Nectar Specialist Yeasts Enhance Nectar Attraction of a Generalist Aphid Parasitoid Without Affecting Survival. Frontiers in Plant Science, 2018, 9, 1009.	3.6	52
64	Consequences of prolonged clonal growth on local and regional genetic structure and fruiting success of the forest perennialMaianthemum bifolium. Oikos, 2006, 112, 21-30.	2.7	51
65	Pollen deposition rates and the functioning of distyly in the perennial Pulmonaria officinalis (Boraginaceae). Plant Systematics and Evolution, 2008, 273, 1-12.	0.9	51
66	Mycorrhizal symbioses and the evolution of trophic modes in plants. Journal of Ecology, 2019, 107, 1567-1581.	4.0	51
67	The Waiting Room Hypothesis revisited by orchids: were orchid mycorrhizal fungi recruited among root endophytes?. Annals of Botany, 2022, 129, 259-270.	2.9	51
68	FIRE INCREASES INVASIVE SPREAD OF MOLINIA CAERULEA MAINLY THROUGH CHANGES IN DEMOGRAPHIC PARAMETERS. , 2005, 15, 2097-2108.		50
69	Canopy closure shapes clonal diversity and fineâ€scale genetic structure in the dioecious understorey perennial Mercurialis perennis. Journal of Ecology, 2009, 97, 404-414.	4.0	50
70	Interregional variation in the floristic recovery of postâ€agricultural forests. Journal of Ecology, 2011, 99, 600-609.	4.0	50
71	Demographic effects of extreme weather events on a shortâ€lived calcareous grassland species: stochastic life table response experiments. Journal of Ecology, 2010, 98, 255-267.	4.0	49
72	Multigenerational analysis of spatial structure in the terrestrial, foodâ€deceptive orchid Orchis mascula. Journal of Ecology, 2009, 97, 206-216.	4.0	48

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73	Impacts of Restored Patch Density and Distance from Natural Forests on Colonization Success. Restoration Ecology, 2003, 11, 417-423.	2.9	47
74	Landscape genetics of the selfâ€compatible forest herbGeum urbanum: effects of habitat age, fragmentation and local environment. Molecular Ecology, 2007, 16, 4171-4179.	3.9	47
75	Does mycorrhizal specificity affect orchid decline and rarity?. American Journal of Botany, 2012, 99, 1655-1665.	1.7	46
76	Microbial diversity in the floral nectar of seven Epipactis (Orchidaceae) species. MicrobiologyOpen, 2013, 2, 644-658.	3.0	46
77	The impact of yeast presence in nectar on bumble bee behavior and fitness. Ecological Monographs, 2020, 90, e01393.	5.4	46
78	Effects of population size and forest management on genetic diversity and structure of the tuberous orchid Orchis mascula. Conservation Genetics, 2009, 10, 161-168.	1.5	45
79	Habitat-driven variation in mycorrhizal communities in the terrestrial orchid genus Dactylorhiza. Scientific Reports, 2016, 6, 37182.	3.3	45
80	Effect of Habitat Deterioration on Population Dynamics and Extinction Risks in a Previously Common Perennial. Conservation Biology, 2005, 19, 1633-1643.	4.7	44
81	Nonrandom spatial structuring of orchids in a hybrid zone of three Orchis species. New Phytologist, 2012, 193, 454-464.	7.3	44
82	LifeÂhistory evolution under climate change and its influence on the population dynamics of a longâ€lived plant. Journal of Ecology, 2015, 103, 798-808.	4.0	44
83	The impact of life form on the architecture of orchid mycorrhizal networks in tropical forest. Oikos, 2019, 128, 1254-1264.	2.7	43
84	Rapid loss of genetic variation in a founding population of Primula elatior (Primulaceae) after colonization. Annals of Botany, 2009, 103, 777-783.	2.9	42
85	Differences in dichogamy and herkogamy contribute to higher selfing in contrasting environments in the annual Blackstonia perfoliata (Gentianaceae). Annals of Botany, 2013, 111, 651-661.	2.9	41
86	The importance of autonomous selfing in preventing hybridization in three closely related plant species. Journal of Ecology, 2016, 104, 601-610.	4.0	41
87	Buffering effects of soil seed banks on plant community composition in response to land use and climate. Global Ecology and Biogeography, 2021, 30, 128-139.	5.8	41
88	Morphâ€ratio variation, population size and female reproductive success in distylous Pulmonaria officinalis (Boraginaceae). Journal of Evolutionary Biology, 2008, 21, 1281-1289.	1.7	40
89	Biogeography of Orchid Mycorrhizas. Ecological Studies, 2017, , 159-177.	1.2	40
90	Biological Flora of the British Isles: Primula veris L.. Journal of Ecology, 2009, 97, 581-600.	4.0	39

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91	Patterns of sex ratio variation and genetic diversity in the dioecious forest perennial Mercurialis perennis. Plant Ecology, 2010, 206, 105-114.	1.6	39
92	Evolutionary demography of iteroparous plants: incorporating non-lethal costs of reproduction into integral projection models. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 2831-2840.	2.6	39
93	Nectar bacteria affect life history of a generalist aphid parasitoid by altering nectar chemistry. Functional Ecology, 2017, 31, 2061-2069.	3.6	39
94	Drivers of vegetative dormancy across herbaceous perennial plant species. Ecology Letters, 2018, 21, 724-733.	6.4	39
95	Habitat-specific variation in gut microbial communities and pathogen prevalence in bumblebee queens (Bombus terrestris). PLoS ONE, 2018, 13, e0204612.	2.5	39
96	The demography of terrestrial orchids: life history, population dynamics and conservation. Botanical Journal of the Linnean Society, 2020, 192, 315-332.	1.6	39
97	Evaluating management interventions in small populations of a perennial herbPrimula vulgarisusing spatio-temporal analyses of point patterns. Journal of Applied Ecology, 2010, 47, 431-440.	4.0	38
98	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 December 2010â€“31 January 2011. Molecular Ecology Resources, 2011, 11, 586-589.	4.8	38
99	The effect of demographic correlations on the stochastic population dynamics of perennial plants. Ecological Monographs, 2016, 86, 480-494.	5.4	38
100	Similarity in mycorrhizal communities associating with two widespread terrestrial orchids decays with distance. Journal of Biogeography, 2020, 47, 421-433.	3.0	38
101	Within and Between Plant Variation in Seed Number, Seed Mass and Germinability of Primula elatior: Effect of Population Size. Plant Biology, 2001, 3, 561-568.	3.8	37
102	Fire increases aboveground biomass, seed production and recruitment success of Molinia caerulea in dry heathland. Acta Oecologica, 2005, 28, 299-305.	1.1	36
103	Biological Flora of the British Isles: Gymnadenia conopsea s.l.. Journal of Ecology, 2012, 100, 1269-1288.	4.0	36
104	Arbuscular mycorrhizal fungi in European grasslands under nutrient pollution. Global Ecology and Biogeography, 2019, 28, 1796-1805.	5.8	36
105	Long-term dynamics and population viability in one of the last populations of the endangered Spiranthes spiralis (Orchidaceae) in the Netherlands. Biological Conservation, 2007, 134, 14-21.	4.1	34
106	Seed limitation restricts population growth in shaded populations of a perennial woodland orchid. Ecology, 2010, 91, 119-129.	3.2	34
107	From extensive clone libraries to comprehensive DNA arrays for the efficient and simultaneous detection and identification of orchid mycorrhizal fungi. Journal of Microbiological Methods, 2010, 80, 76-85.	1.6	34
108	Range size variation, nestedness and species turnover of orchid species along an altitudinal gradient on RÃ©union Island: Implications for conservation. Biological Conservation, 2007, 136, 388-397.	4.1	33

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109	Floral display size and spatial distribution of potential mates affect pollen deposition and female reproductive success in distylousPulmonaria officinalis(Boraginaceae). Plant Biology, 2009, 12, 597-603.	3.8	33
110	Extremely low genotypic diversity and sexual reproduction in isolated populations of the self-incompatible lily-of-the-valley (Convallaria majalis) and the role of the local forest environment. Annals of Botany, 2010, 105, 769-776.	2.9	33
111	Temporal and spatial genetic variation in a metapopulation of the annualErysimum cheiranthoideson stony river banks. Journal of Ecology, 2009, 97, 131-141.	4.0	32
112	Mycorrhizal Fungal Diversity and Community Composition in Two Closely Related Platanthera (Orchidaceae) Species. PLoS ONE, 2016, 11, e0164108.	2.5	32
113	Biological Flora of the British Isles: Primula vulgaris Huds. (P. acaulis (L.) Hill). Journal of Ecology, 2009, 97, 812-833.	4.0	31
114	Evidence for demographic bottlenecks and limited gene flow leading to low genetic diversity in a rare thistle. Conservation Genetics, 2010, 11, 1979-1987.	1.5	31
115	Sapromyiophily in the native orchid, Bulbophyllum variegatum, on RÃ©union (Mascarene) Tj ETQq1 1 0.784314 rgBT /Overloc	1.1	31
116	Biased morph ratios and skewed mating success contribute to loss of genetic diversity in the distylous Pulmonaria officinalis. Annals of Botany, 2012, 109, 227-235.	2.9	31
117	Changes in pin-thrum ratios in populations of the heterostyle Primula vulgaris Huds.: Does imbalance affect population persistence?. Flora: Morphology, Distribution, Functional Ecology of Plants, 2002, 197, 326-331.	1.2	30
118	Effects of flood events on the genetic structure of riparian populations of the grassland plant Origanum vulgare. Biological Conservation, 2009, 142, 870-878.	4.1	30
119	Impact of herbivory on flowering behaviour and life history trade-offs in a polycarpic herb: a 10-year experiment. Oecologia, 2011, 166, 293-303.	2.0	30
120	Disruption of the distylous syndrome in Primula veris. Annals of Botany, 2015, 115, 27-39.	2.9	30
121	Impact of microbial communities on floral nectar chemistry: Potential implications for biological control of pest insects. Basic and Applied Ecology, 2016, 17, 189-198.	2.7	30
122	Is sexual organ reciprocity related to legitimate pollen deposition in distylous Pulmonaria (Boraginaceae)?. Oikos, 2018, 127, 1216-1224.	2.7	30
123	Effects of host species, environmental filtering and forest age on community assembly of ectomycorrhizal fungi in fragmented forests. Fungal Ecology, 2018, 36, 89-98.	1.6	30
124	Impact of mate availability, population size, and spatial aggregation of morphs on sexual reproduction in a distylous, aquatic plant. American Journal of Botany, 2007, 94, 119-127.	1.7	29
125	Genetic erosion explains deviation from demographic response to disturbance and year variation in relic populations of the perennialPrimula vulgaris. Journal of Ecology, 2007, 95, 960-972.	4.0	28
126	Effects of coppicing on demographic structure, fruit and seed set in Orchis mascula. Basic and Applied Ecology, 2008, 9, 392-400.	2.7	28

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127	EFFECTS OF STAND AGE ON THE DEMOGRAPHY OF A TEMPERATE FOREST HERB IN POSTâ€AGRICULTURAL FORESTS. Ecology, 2008, 89, 3480-3489.	3.2	28
128	Importance of autonomous selfing is inversely related to population size and pollinator availability in a monocarpic plant. American Journal of Botany, 2011, 98, 1834-1840.	1.7	28
129	Latitudinal variation in mycorrhizal diversity associated with a European orchid. Journal of Biogeography, 2019, 46, 968-980.	3.0	28
130	Do fungal associates of co-occurring orchids promote seed germination of the widespread orchid species Gymnadenia conopsea?. Mycorrhiza, 2020, 30, 221-228.	2.8	28
131	Reproductive isolation and hybridization in sympatric populations of three Dactylorhiza species (Orchidaceae) with different ploidy levels. Annals of Botany, 2012, 109, 709-720.	2.9	27
132	Strong differences in genetic structure across disjunct, edge, and core populations of the distylous forest herb Pulmonaria officinalis (Boraginaceae). American Journal of Botany, 2012, 99, 1809-1818.	1.7	27
133	Biosurfactant production by Pseudomonas strains isolated from floral nectar. Journal of Applied Microbiology, 2015, 118, 1370-1384.	3.1	27
134	Effects of agricultural fungicides on microorganisms associated with floral nectar: susceptibility assays and field experiments. Environmental Science and Pollution Research, 2016, 23, 19776-19786.	5.3	27
135	Nonrandom seedling establishment corresponds with distanceâ€dependent decline in mycorrhizal abundance in two terrestrial orchids. New Phytologist, 2016, 211, 255-264.	7.3	27
136	Temporal turnover in mycorrhizal interactions: a proof of concept with orchids. New Phytologist, 2021, 230, 1690-1699.	7.3	27
137	Asymmetric gene introgression in two closely related Orchis species: evidence from morphometric and genetic analyses. BMC Evolutionary Biology, 2012, 12, 178.	3.2	26
138	The impact of spatial isolation and local habitat conditions on colonization of recent forest stands by ectomycorrhizal fungi. Forest Ecology and Management, 2018, 429, 84-92.	3.2	26
139	Diversity and community structure of ericoid mycorrhizal fungi in European bogs and heathlands across a gradient of nitrogen deposition. New Phytologist, 2020, 228, 1640-1651.	7.3	26
140	Rapid Buildup of Genetic Diversity in Founder Populations of the Gynodioecious Plant Species Origanum vulgare after Semi-Natural Grassland Restoration. PLoS ONE, 2013, 8, e67255.	2.5	26
141	Species coexistence in simple microbial communities: unravelling the phenotypic landscape of coâ€occurring <scp>M</scp>etschnikowia species in floral nectar. Environmental Microbiology, 2016, 18, 1850-1862.	3.8	25
142	Immigrant and extrinsic hybrid seed inviability contribute to reproductive isolation between forest and dune ecotypes of Epipactis helleborine (Orchidaceae). Oikos, 2018, 127, 73-84.	2.7	25
143	Large population sizes mitigate negative effects of variable weather conditions on fruit set in two spring woodland orchids. Biology Letters, 2009, 5, 495-498.	2.3	24
144	Population genetic diversity of the clonal self-incompatible herbaceous plantLinaria vulgarisalong an urbanization gradient. Biological Journal of the Linnean Society, 2015, 116, 603-613.	1.6	24

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145	Volatiles of bacteria associated with parasitoid habitats elicit distinct olfactory responses in an aphid parasitoid and its hyperparasitoid. Functional Ecology, 2020, 34, 507-520.	3.6	24
146	Symbiont switching and trophic mode shifts in Orchidaceae. New Phytologist, 2021, 231, 791-800.	7.3	24
147	Temporal and spatial variation in flower and fruit production in a food-deceptive orchid: a five-year study. Plant Biology, 2010, 12, 145-153.	3.8	23
148	Transmission of genetic variation from the adult generation to naturally established seedling cohorts in small forest stands of pedunculate oak (Quercus robur L.). Forest Ecology and Management, 2014, 312, 19-27.	3.2	23
149	Recent range expansion of a terrestrial orchid corresponds with climate-driven variation in its population dynamics. Oecologia, 2016, 181, 435-448.	2.0	23
150	Fungi isolated from host protocorms accelerate symbiotic seed germination in an endangered orchid species (Dendrobium chrysotoxum) from southern China. Mycorrhiza, 2020, 30, 529-539.	2.8	23
151	Yeastâ€“nectar interactions: metacommunities and effects on pollinators. Current Opinion in Insect Science, 2021, 44, 35-40.	4.4	23
152	The species pool concept applied to forests in a fragmented landscape: dispersal limitation versus habitat limitation. Journal of Vegetation Science, 2002, 13, 27.	2.2	23
153	Biological Flora of the British Isles:Orchis mascula(L.) L.. Journal of Ecology, 2009, 97, 360-377.	4.0	22
154	Severe outbreeding and inbreeding depression maintain mating system differentiation in <scp>E</scp>pipactis (<scp>O</scp>rchidaceae). Journal of Evolutionary Biology, 2016, 29, 352-359.	1.7	22
155	Adult Parasitoids of Honeydew-Producing Insects Prefer Honeydew Sugars to Cover their Energetic Needs. Journal of Chemical Ecology, 2016, 42, 1028-1036.	1.8	22
156	Microbial diversity in the floral nectar of Linaria vulgaris along an urbanization gradient. BMC Ecology, 2016, 16, 18.	3.0	22
157	Nectar yeasts of theMetschnikowiaclade are highly susceptible to azole antifungals widely used in medicine and agriculture. FEMS Yeast Research, 2016, 16, fov115.	2.3	22
158	Rapid response to habitat restoration by the perennial Primula veris as revealed by demographic monitoring. Plant Ecology, 2005, 176, 143-156.	1.6	21
159	Densityâ€dependent mating and reproductive assurance in the temperate forest herbParis quadrifolia(Trilliaceae). American Journal of Botany, 2008, 95, 294-298.	1.7	21
160	Patterns of hybridization between diploid and derived allotetraploid species ofDactylorhiza(Orchidaceae) coâ€occurring in Belgium. American Journal of Botany, 2011, 98, 946-955.	1.7	21
161	Contributions of Covariance: Decomposing the Components of Stochastic Population Growth in Cypripedium calceolus. American Naturalist, 2013, 181, 410-420.	2.1	21
162	Biological Flora of the British Isles: <scp>E</scp>pipactis palustris. Journal of Ecology, 2014, 102, 1341-1355.	4.0	21

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163	The impact of flower morphology and pollinator community composition on pollen transfer in the distylous Primula veris. Botanical Journal of the Linnean Society, 2018, 186, 414-424.	1.6	21
164	Local abiotic conditions are more important than landscape context for structuring arbuscular mycorrhizal fungal communities in the roots of a forest herb. Oecologia, 2019, 190, 149-157.	2.0	21
165	Reinstatement of traditional mowing regimes counteracts population senescence in the rare perennial Primula vulgaris. Applied Vegetation Science, 2007, 10, 351-360.	1.9	20
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