Olivier Honnay

List of Publications by Year
in descending order

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Version: 2024-02-01

273	14,352	19608	28224
papers	citations	61 h-index	105 g-index

283	283	283	15095
all docs	docs citations	times ranked	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	An ecological comparison between ancient and other forest plant species of Europe, and the implications for forest conservation. Biological Conservation, 1999, 91, 9-22.	1.9	543
3	Susceptibility of Common and Rare Plant Species to the Genetic Consequences of Habitat Fragmentation. Conservation Biology, 2007, 21, 823-831.	2.4	383
4	Can the seed bank be used for ecological restoration? An overview of seed bank characteristics in European communities. Journal of Vegetation Science, 2008, 19, 875-884.	1.1	308
5	Homogenization of forest plant communities and weakening of species?environment relationships via agricultural land use. Journal of Ecology, 2007, 95, 565-573.	1.9	300
6	Response of forest plant species to land-use change: a life-history trait-based approach. Journal of Ecology, 2003, 91, 563-577.	1.9	290
7	Biodiversity and human health: mechanisms and evidence of the positive health effects of diversity in nature and green spaces. British Medical Bulletin, 2018, 127, 5-22.	2.7	285
8	Forest fragmentation effects on patch occupancy and population viability of herbaceous plant species. New Phytologist, 2005, 166, 723-736.	3.5	273
9	Prolonged clonal growth: escape route or route to extinction?. Oikos, 2005, 108, 427-432.	1.2	252
10	Forest restoration, biodiversity and ecosystem functioning. BMC Ecology, 2011, 11, 29.	3.0	244
11	Possible effects of habitat fragmentation and climate change on the range of forest plant species. Ecology Letters, 2002, 5, 525-530.	3.0	242
12	Metaâ€Analysis of Susceptibility of Woody Plants to Loss of Genetic Diversity through Habitat Fragmentation. Conservation Biology, 2012, 26, 228-237.	2.4	242
13	A global meta-analysis of the biodiversity and ecosystem service benefits of coffee and cacao agroforestry. Agriculture, Ecosystems and Environment, 2013, 175, 1-7.	2.5	242
14	Effects of area, age and diversity of forest patches in Belgium on plant species richness, and implications for conservation and reforestation. Biological Conservation, 1999, 87, 73-84.	1.9	232
15	Permeability of ancient forest edges for weedy plant species invasion. Forest Ecology and Management, 2002, 161, 109-122.	1.4	185
16	A model quantifying global vegetation resistance and resilience to shortâ€term climate anomalies and their relationship with vegetation cover. Global Ecology and Biogeography, 2015, 24, 539-548.	2.7	182
17	Impact of habitat quality on forest plant species colonization. Forest Ecology and Management, 1999, 115, 157-170.	1.4	164
18	Satellite based land use and landscape complexity indices as predictors for regional plant species diversity. Landscape and Urban Planning, 2003, 63, 241-250.	3.4	163

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19	No evidence of a plant extinction debt in highly fragmented calcareous grasslands in Belgium. Biological Conservation, 2006, 133, 212-224.	1.9	149
20	Ecological perspectives for the restoration of plant communities in European temperate forests. Biodiversity and Conservation, 2002, 11, 213-242.	1.2	136
21	Analysis of network architecture reveals phylogenetic constraints on mycorrhizal specificity in the genus Orchis (Orchidaceae). New Phytologist, 2011, 192, 518-528.	3.5	135
22	A spatially explicit analysis of seedling recruitment in the terrestrial orchid Orchis purpurea. New Phytologist, 2007, 176, 448-459.	3.5	133
23	Symbiotic diversity, specificity and distribution of rhizobia in native legumes of the Core Cape Subregion (South Africa). FEMS Microbiology Ecology, 2015, 91, 1-17.	1.3	131
24	Evolutionary changes in plant reproductive traits following habitat fragmentation and their consequences for population fitness. Journal of Ecology, 2012, 100, 76-87.	1.9	126
25	Can a seed bank maintain the genetic variation in the above ground plant population?. Oikos, 2008, 117, 1-5.	1.2	125
26	Landscape genomics and a common garden trial reveal adaptive differentiation to temperature across Europe in the tree species Alnus glutinosa. Molecular Ecology, 2014, 23, 4709-4721.	2.0	124
27	The role of patch area and habitat diversity in explaining native plant species richness in disturbed suburban forest patches in northern Belgium. BIODIVERSITY RESEARCH. Diversity and Distributions, 1999, 5, 129-141.	1.9	118
28	Evaluation of six primer pairs targeting the nuclear rRNA operon for characterization of arbuscular mycorrhizal fungal (AMF) communities using 454 pyrosequencing. Journal of Microbiological Methods, 2014, 106, 93-100.	0.7	115
29	Nested Plant Communities in Deciduous Forest Fragments: Species Relaxation or Nested Habitats?. Oikos, 1999, 84, 119.	1.2	112
30	Rapid genetic adaptation precedes the spread of an exotic plant species. Molecular Ecology, 2014, 23, 2157-2164.	2.0	111
31	Soil phosphorus constrains biodiversity across European grasslands. Global Change Biology, 2014, 20, 3814-3822.	4.2	105
32	Life history, climate and biogeography interactively affect worldwide genetic diversity of plant and animal populations. Nature Communications, 2021, 12, 516.	5.8	105
33	A meta-analysis of the relation between mating system, growth form and genotypic diversity in clonal plant species. Evolutionary Ecology, 2008, 22, 299-312.	0.5	104
34	Plant species loss from European semiâ€natural grasslands following nutrient enrichment â€“ is it nitrogen or is it phosphorus?. Global Ecology and Biogeography, 2013, 22, 73-82.	2.7	102
35	Low specificity and nested subset structure characterize mycorrhizal associations in five closely related species of the genus Orchis. Molecular Ecology, 2010, 19, 4086-4095.	2.0	101
36	Semi-forest coffee cultivation and the conservation of Ethiopian Afromontane rainforest fragments. Forest Ecology and Management, 2011, 261, 1034-1041.	1.4	100

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37	Conservation of the Ethiopian church forests: Threats, opportunities and implications for their management. Science of the Total Environment, 2016, 551-552, 404-414.	3.9	93
38	The species pool concept applied to forests in a fragmented landscape: dispersal limitation versus habitat limitation. Journal of Vegetation Science, 2002, 13, 27-34.	1.1	92
39	Genetic structure of the forest herb Primula elatior in a changing landscape. Molecular Ecology, 2004, 13, 211-219.	2.0	92
40	The role of fragment area and isolation in the conservation of heathland species. Biological Conservation, 2005, 122, 61-69.	1.9	90
41	Low impact of present and historical landscape configuration on the genetics of fragmented Anthyllis vulneraria populations. Biological Conservation, 2006, 127, 411-419.	1.9	88
42	Management effects on the vegetation and soil seed bank of calcareous grasslands: An 11-year experiment. Biological Conservation, 2011, 144, 416-422.	1.9	86
43	How to measure ecosystem stability? An evaluation of the reliability of stability metrics based on remote sensing time series across the major global ecosystems. Global Change Biology, 2014, 20, 2149-2161.	4.2	86
44	Evaluating change in agricultural landscape pattern between 1980 and 2000 in the Loess hilly region of Ansai County, China. Agriculture, Ecosystems and Environment, 2006, 114, 387-396.	2.5	85
45	Effects of Coffee Management Intensity on Composition, Structure, and Regeneration Status of Ethiopian Moist Evergreen Afromontane Forests. Environmental Management, 2013, 51, 801-809.	1.2	83
46	Plant species richness and composition of heathland relics in north-western Belgium: evidence for a rescue-effect?. Journal of Biogeography, 2004, 31, 1683-1692.	1.4	81
47	Changing soil characteristics alter the arbuscular mycorrhizal fungi communities of Arabica coffee (Coffea arabica) in Ethiopia across a management intensity gradient. Soil Biology and Biochemistry, 2015, 91, 133-139.	4.2	81
48	Genetic variation and risks of introgression in the wild <scp>C</scp>offea arabica gene pool in southâ€western <scp>E</scp>thiopian montane rainforests. Evolutionary Applications, 2013, 6, 243-252.	1.5	79
49	PLANT COMMUNITY ASSEMBLY ALONG DENDRITIC NETWORKS OF SMALL FOREST STREAMS. Ecology, 2001, 82, 1691-1702.	1.5	75
50	Patterns of population genetic diversity in riparian and aquatic plant species along rivers. Journal of Biogeography, 2010, 37, 1730-1739.	1.4	75
51	The relative importance of local, regional and historical factors determining the distribution of plants in fragmented riverine forests: an emergent group approach. Journal of Biogeography, 2005, 32, 2069-2081.	1.4	74
52	Decrease in diversity and changes in community composition of arbuscular mycorrhizal fungi in roots of apple trees with increasing orchard management intensity across a regional scale. Molecular Ecology, 2015, 24, 941-952.	2.0	73
53	Species diversity and area-relationships in Danish beech forests. Forest Ecology and Management, 1998, 106, 235-245.	1.4	72
54	Abiotic rather than biotic filtering shapes the arbuscular mycorrhizal fungal communities of European seminatural grasslands. New Phytologist, 2018, 220, 1262-1272.	3.5	72

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55	Biogeographical Patterns of Legume-Nodulating Burkholderia spp.: from African Fynbos to Continental Scales. Applied and Environmental Microbiology, 2016, 82, 5099-5115.	1.4	71
56	Traits related to species persistence and dispersal explain changes in plant communities subjected to habitat loss. Diversity and Distributions, 2012, 18, 898-908.	1.9	70
57	Fine-scale genetic structure of life history stages in the food-deceptive orchid Orchis purpurea. Molecular Ecology, 2006, 15, 2801-2808.	2.0	68
58	Two decades of change in the ground vegetation of a mixed deciduous forest in an agricultural landscape. Journal of Vegetation Science, 2000, 11, 695-704.	1.1	67
59	Synergistic effects of an extreme weather event and habitat fragmentation on a specialised insect herbivore. Oecologia, 2009, 159, 117-126.	0.9	67
60	A traitâ€based analysis of the role of phosphorus vs. nitrogen enrichment in plant species loss across Northâ€west European grasslands. Journal of Applied Ecology, 2011, 48, 1155-1163.	1.9	67
61	Invasion by the Alien Tree Prunus serotina Alters Ecosystem Functions in a Temperate Deciduous Forest. Frontiers in Plant Science, 2017, 8, 179.	1.7	67
62	Phosphorus resource partitioning shapes phosphorus acquisition and plant species abundance in grasslands. Nature Plants, 2017, 3, 16224.	4.7	63
63	Evidence for community assembly constraints during succession in dune slack plant communities. Plant Ecology, 2005, 178, 201-209.	0.7	62
64	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.	2.0	61
65	Trait but not species convergence during plant community assembly in restored semiâ€natural grasslands. Oikos, 2012, 121, 2121-2130.	1.2	61
66	Mapping an invasive bryophyte species using hyperspectral remote sensing data. Biological Invasions, 2017, 19, 239-254.	1.2	59
67	Seed bank composition of open and overgrown calcareous grassland soilsâ€"a case study from Southern Belgium. Journal of Environmental Management, 2006, 79, 364-371.	3.8	58
68	A unified framework to model the potential and realized distributions of invasive species within the invaded range. Diversity and Distributions, 2017, 23, 806-819.	1.9	58
69	The functional characterization of grass- and shrubland ecosystems using hyperspectral remote sensing: trends, accuracy and moderating variables. Remote Sensing of Environment, 2018, 209, 747-763.	4.6	57
70	Spatiotemporal structure of genetic variation of a spreading plant metapopulation on dynamic riverbanks along the Meuse River. Heredity, 2006, 96, 471-478.	1.2	56
71	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.	1.1	55
72	Fitness variation and genetic diversity in small, remnant populations of the food deceptive orchid Orchis purpurea. Biological Conservation, 2007, 139, 203-210.	1.9	54

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73	Biodiversity and carbon storage co-benefits of coffee agroforestry across a gradient of increasing management intensity in the SW Ethiopian highlands. Agriculture, Ecosystems and Environment, 2016, 222, 193-199.	2.5	54
74	Evaluation of the ecological restoration potential of plant communities in Norway spruce plantations using a life-trait based approach. Journal of Applied Ecology, 2005, 42, 536-545.	1.9	53
75	Polylepis woodland remnants as biodiversity islands in the Bolivian high Andes. Biodiversity and Conservation, 2010, 19, 3327-3346.	1.2	53
76	Sexual reproduction, clonal diversity and genetic differentiation in patchily distributed populations of the temperate forest herb Paris quadrifolia (Trilliaceae). Oecologia, 2006, 147, 434-444.	0.9	52
77	Genetic diversity within and between remnant populations of the endangered calcareous grassland plant Globularia bisnagarica L.. Conservation Genetics, 2007, 8, 293-303.	0.8	52
78	Mycorrhizal associations and reproductive isolation in three closely related Orchis species. Annals of Botany, 2011, 107, 347-356.	1.4	52
79	Consequences of prolonged clonal growth on local and regional genetic structure and fruiting success of the forest perennialMaianthemum bifolium. Oikos, 2006, 112, 21-30.	1.2	51
80	Characterization of the papilionoidâ€“ Burkholderia interaction in the Fynbos biome: The diversity and distribution of beta-rhizobia nodulating Podalyria calyptrata (Fabaceae, Podalyrieae). Systematic and Applied Microbiology, 2016, 39, 41-48.	1.2	51
81	Canopy closure shapes clonal diversity and fineâ€scale genetic structure in the dioecious understorey perennial Mercurialis perennis. Journal of Ecology, 2009, 97, 404-414.	1.9	50
82	Spatial isolation slows down directional plant functional group assembly in restored semiâ€natural grasslands. Journal of Applied Ecology, 2013, 50, 404-413.	1.9	50
83	An island biogeographical view of the successional pathway in wet dune slacks. Journal of Vegetation Science, 2003, 14, 781-788.	1.1	49
84	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.	1.9	49
85	Multigenerational analysis of spatial structure in the terrestrial, foodâ€deceptive orchid Orchis mascula. Journal of Ecology, 2009, 97, 206-216.	1.9	48
86	Landscape genetics of the selfâ€compatible forest herbGeum urbanum: effects of habitat age, fragmentation and local environment. Molecular Ecology, 2007, 16, 4171-4179.	2.0	47
87	Both forest fragmentation and coffee cultivation negatively affect epiphytic orchid diversity in Ethiopian moist evergreen Afromontane forests. Biological Conservation, 2013, 159, 285-291.	1.9	46
88	High soil phosphorus levels overrule the potential benefits of organic farming on arbuscular mycorrhizal diversity in northern vineyards. Agriculture, Ecosystems and Environment, 2017, 248, 144-152.	2.5	46
89	Effects of population size and forest management on genetic diversity and structure of the tuberous orchid Orchis mascula. Conservation Genetics, 2009, 10, 161-168.	0.8	45
90	Landscape scale variation in nectar amino acid and sugar composition in a Lepidoptera pollinated orchid species and its relation with fruit set. Journal of Ecology, 2014, 102, 136-144.	1.9	45

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91	Nonrandom spatial structuring of orchids in a hybrid zone of three Orchis species. New Phytologist, 2012, 193, 454-464.	3.5	44
92	Speciesâ€rich semiâ€natural grasslands have a higher resistance but a lower resilience than intensively managed agricultural grasslands in response to climate anomalies. Journal of Applied Ecology, 2016, 53, 430-439.	1.9	44
93	Rapid loss of genetic variation in a founding population of Primula elatior (Primulaceae) after colonization. Annals of Botany, 2009, 103, 777-783.	1.4	42
94	DNA pyrosequencing evidence for large diversity differences between natural and managed coffee mycorrhizal fungal communities. Agronomy for Sustainable Development, 2015, 35, 241-249.	2.2	42
95	Crop-specific and single-species mycorrhizal inoculation is the best approach to improve crop growth in controlled environments. Agronomy for Sustainable Development, 2016, 36, 1.	2.2	42
96	Interactions between plant life span, seed dispersal capacity and fecundity determine metapopulation viability in a dynamic landscape. Landscape Ecology, 2006, 21, 1195-1205.	1.9	41
97	Sunken roads as habitats for forest plant species in a dynamic agricultural landscape: effects of age and isolation. Journal of Biogeography, 2004, 32, 99-109.	1.4	40
98	Application of slow-release phosphorus fertilizers increases arbuscular mycorrhizal fungal diversity in the roots of apple trees. Plant and Soil, 2016, 402, 291-301.	1.8	40
99	Herbaceous plant community structure of ancient and recent forests in two contrasting forest types. Basic and Applied Ecology, 2003, 4, 537-546.	1.2	39
100	Patterns of sex ratio variation and genetic diversity in the dioecious forest perennial Mercurialis perennis. Plant Ecology, 2010, 206, 105-114.	0.7	39
101	Recombination and horizontal transfer of nodulation and ACC deaminase (acdS) genes withinAlpha- andBetaproteobacterianodulating legumes of the Cape Fynbos biome. FEMS Microbiology Ecology, 2015, 91, fiv118.	1.3	39
102	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.	1.9	38
103	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 December 2010â€“31 January 2011. Molecular Ecology Resources, 2011, 11, 586-589.	2.2	38
104	Effects of adding an arbuscular mycorrhizal fungi inoculum and of distance to donor sites on plant species recolonization following topsoil removal. Applied Vegetation Science, 2016, 19, 7-19.	0.9	38
105	Effects of single and multiple species inocula of arbuscular mycorrhizal fungi on the salinity tolerance of a Bangladeshi rice (Oryza sativa L.) cultivar. Mycorrhiza, 2020, 30, 431-444.	1.3	37
106	Biological Flora of the British Isles: Gymnadenia conopsea s.l.. Journal of Ecology, 2012, 100, 1269-1288.	1.9	36
107	Arbuscular mycorrhizal fungi in European grasslands under nutrient pollution. Global Ecology and Biogeography, 2019, 28, 1796-1805.	2.7	36
108	Experimental fertilization increases amino acid content in floral nectar, fruit set and degree of selfing in the orchid Gymnadenia conopsea. Oecologia, 2015, 179, 785-795.	0.9	35

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109	Nutrient enrichment is associated with altered nectar and pollen chemical composition in Succisa pratensis Moench and increased larval mortality of its pollinator Bombus terrestris L.. PLoS ONE, 2017, 12, e0175160.	1.1	35
110	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.	0.7	34
111	A meta-analysis of the effects of plant traits and geographical scale on the magnitude of adaptive differentiation as measured by the difference between QST and FST. Evolutionary Ecology, 2013, 27, 1081-1097.	0.5	34
112	Increasing Soil Nutrient Loads of European Semi-natural Grasslands Strongly Alter Plant Functional Diversity Independently of Species Loss. Ecosystems, 2014, 17, 169-181.	1.6	34
113	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.	1.9	33
114	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.	1.4	33
115	Population structure of root nodulating Rhizobium leguminosarum in Vicia cracca populations at local to regional geographic scales. Systematic and Applied Microbiology, 2014, 37, 613-621.	1.2	33
116	Variation in arbuscular mycorrhizal fungal communities associated with lowland rice (Oryza sativa) along a gradient of soil salinity and arsenic contamination in Bangladesh. Science of the Total Environment, 2019, 686, 546-554.	3.9	33
117	Temporal and spatial genetic variation in a metapopulation of the annualErysimum cheiranthoideson stony river banks. Journal of Ecology, 2009, 97, 131-141.	1.9	32
118	Assessing the potential of natural woody species regeneration for the conversion of Norway spruce plantations on alluvial soils. Annals of Forest Science, 2004, 61, 711-719.	0.8	31
119	Evidence for demographic bottlenecks and limited gene flow leading to low genetic diversity in a rare thistle. Conservation Genetics, 2010, 11, 1979-1987.	0.8	31
120	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.	1.4	31
121	Plant Species Diversity Mediates Ecosystem Stability of Natural Dune Grasslands in Response to Drought. Ecosystems, 2015, 18, 1383-1394.	1.6	31
122	Vegetation reflectance spectroscopy for biomonitoring of heavy metal pollution in urban soils. Environmental Pollution, 2018, 243, 1912-1922.	3.7	31
123	Effects of flood events on the genetic structure of riparian populations of the grassland plant Origanum vulgare. Biological Conservation, 2009, 142, 870-878.	1.9	30
124	Effects of host species, environmental filtering and forest age on community assembly of ectomycorrhizal fungi in fragmented forests. Fungal Ecology, 2018, 36, 89-98.	0.7	30
125	Organoleptic quality of Ethiopian Arabica coffee deteriorates with increasing intensity of coffee forest management. Journal of Environmental Management, 2019, 231, 282-288.	3.8	30
126	Preâ€adaptation to climate change through topographyâ€driven phenotypic plasticity. Journal of Ecology, 2020, 108, 1465-1474.	1.9	30

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127	Nectar traits differ between pollination syndromes in Balsaminaceae. Annals of Botany, 2019, 124, 269-279.	1.4	29
128	Effects of coppicing on demographic structure, fruit and seed set in Orchis mascula. Basic and Applied Ecology, 2008, 9, 392-400.	1.2	28
129	Effects of local environmental variables and geographical location on the genetic diversity and composition of Rhizobium leguminosarum nodulating Vicia cracca populations. Soil Biology and Biochemistry, 2015, 90, 71-79.	4.2	28
130	A test of priority effect persistence in semi-natural grasslands through the removal of plant functional groups during community assembly. BMC Ecology, 2016, 16, 22.	3.0	28
131	Rapid diversity and structure degradation over time through continued coffee cultivation in remnant Ethiopian Afromontane forests. Biological Conservation, 2019, 236, 8-16.	1.9	28
132	Biotic and abiotic edge effects in highly fragmented heathlands adjacent to cropland and forest. Agriculture, Ecosystems and Environment, 2006, 114, 335-342.	2.5	27
133	Reproductive isolation and hybridization in sympatric populations of three Dactylorhiza species (Orchidaceae) with different ploidy levels. Annals of Botany, 2012, 109, 709-720.	1.4	27
134	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.	0.8	27
135	An evaluation of seed zone delineation using phenotypic and population genomic data on black alder <scp>A</scp>lnus glutinosa. Journal of Applied Ecology, 2014, 51, 1218-1227.	1.9	27
136	Effects of agricultural fungicides on microorganisms associated with floral nectar: susceptibility assays and field experiments. Environmental Science and Pollution Research, 2016, 23, 19776-19786.	2.7	27
137	Using lifeâ€history traits to achieve a functional classification of habitats. Applied Vegetation Science, 2007, 10, 73-80.	0.9	26
138	Asymmetric gene introgression in two closely related Orchis species: evidence from morphometric and genetic analyses. BMC Evolutionary Biology, 2012, 12, 178.	3.2	26
139	Recolonization after habitat restoration leads to decreased genetic variation in populations of a terrestrial orchid. Molecular Ecology, 2012, 21, 4206-4215.	2.0	26
140	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.	1.4	26
141	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.	3.5	26
142	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.	1.1	26
143	Functional rather than structural connectivity explains grassland plant diversity patterns following landscape scale habitat loss. Landscape Ecology, 2021, 36, 265-280.	1.9	25
144	Large population sizes mitigate negative effects of variable weather conditions on fruit set in two spring woodland orchids. Biology Letters, 2009, 5, 495-498.	1.0	24

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145	SNP discovery using Pairedâ€End RAD â€tag sequencing on pooled genomic DNA of Sisymbrium austriacum (Brassicaceae). Molecular Ecology Resources, 2013, 13, 269-275.	2.2	24
146	Population genetic diversity of the clonal self-incompatible herbaceous plantLinaria vulgarisalong an urbanization gradient. Biological Journal of the Linnean Society, 2015, 116, 603-613.	0.7	24
147	Conserving wild Arabica coffee: Emerging threats and opportunities. Agriculture, Ecosystems and Environment, 2017, 237, 75-79.	2.5	24
148	Order and disorder in the river continuum: the contribution of continuity and connectivity to floodplain meadow biodiversity. Journal of Biogeography, 2006, 33, 1615-1627.	1.4	23
149	Determinants of plant community composition of remnant biancane badlands: a hierarchical approach to quantify species-environment relationships. Applied Vegetation Science, 2011, 14, 378-387.	0.9	23
150	An orchid colonization credit in restored calcareous grasslands. Ecoscience, 2012, 19, 21-28.	0.6	23
151	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.	1.4	23
152	Evolution, plasticity and evolving plasticity of phenology in theÂtree species Alnus glutinosa. Journal of Evolutionary Biology, 2016, 29, 253-264.	0.8	23
153	The species pool concept applied to forests in a fragmented landscape: dispersal limitation versus habitat limitation. , 2002, 13, 27.		23
154	Biological Flora of the British Isles:Orchis mascula(L.) L.. Journal of Ecology, 2009, 97, 360-377.	1.9	22
155	Effects of habitat fragmentation on the reproductive success of the nectar-producing orchid Gymnadenia conopsea and the nectarless Orchis mascula. Plant Ecology, 2011, 212, 1791-1801.	0.7	22
156	Fragmentation and Management of Ethiopian Moist Evergreen Forest Drive Compositional Shifts of Insect Communities Visiting Wild Arabica Coffee Flowers. Environmental Management, 2015, 55, 373-382.	1.2	22
157	Microbial diversity in the floral nectar of Linaria vulgaris along an urbanization gradient. BMC Ecology, 2016, 16, 18.	3.0	22
158	Patterns of hybridization between diploid and derived allotetraploid species ofDactylorhiza(Orchidaceae) coâ€occurring in Belgium. American Journal of Botany, 2011, 98, 946-955.	0.8	21
159	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.	0.9	21
160	Effects of forest management on mating patterns, pollen flow and intergenerational transfer of genetic diversity in wild Arabica coffee (Coffea arabicaâ€¦L.) from Afromontane rainforests. Biological Journal of the Linnean Society, 2014, 112, 76-88.	0.7	19
161	The population genomic signature of environmental selection in the widespread insect-pollinated tree species Frangula alnus at different geographical scales. Heredity, 2015, 115, 415-425.	1.2	19
162	Selection mosaics differentiate Rhizobiumâ€“host plant interactions across different nitrogen environments. Oikos, 2016, 125, 1755-1761.	1.2	19

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163	LiDAR derived forest structure data improves predictions of canopy N and P concentrations from imaging spectroscopy. Remote Sensing of Environment, 2018, 211, 13-25.	4.6	19
164	Crop wild relatives: more common ground for breeders and ecologists. Frontiers in Ecology and the Environment, 2012, 10, 121-121.	1.9	18
165	Does the seed bank contribute to the build-up of a genetic extinction debt in the grassland perennial Campanula rotundifolia?. Annals of Botany, 2017, 120, 373-385.	1.4	18
166	Inoculation of pear flowers with Metschnikowia reukaufii and Acinetobacter nectaris enhances attraction of honeybees and hoverflies, but does not increase fruit and seed set. PLoS ONE, 2021, 16, e0250203.	1.1	18
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