

Olivier Honnay

List of Publications by Year in descending order

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Version: 2024-02-01

275
papers

14,352
citations

19657

61
h-index

28297

105
g-index

283
all docs

283
docs citations

283
times ranked

15095
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic composition and diversity of Arabica coffee in the crop's centre of origin and its impact on four major fungal diseases. <i>Molecular Ecology</i> , 2023, 32, 2484-2503.	3.9	4
2	Both organic and integrated pest management of apple orchards maintain soil health as compared to a semi-natural reference system. <i>Journal of Environmental Management</i> , 2022, 303, 114191.	7.8	5
3	Spatial variability and environmental drivers of cassava's arbuscular mycorrhiza fungi (AMF) associations across Southern Nigeria. <i>Mycorrhiza</i> , 2022, 32, 1-13.	2.8	15
4	Impact of tree litter identity, litter diversity and habitat quality on litter decomposition rates in tropical moist evergreen forest. <i>Forest Ecosystems</i> , 2022, 9, 100023.	3.1	8
5	Soil Microbiomes in Apple Orchards Are Influenced by the Type of Agricultural Management but Never Match the Complexity and Connectivity of a Semi-natural Benchmark. <i>Frontiers in Microbiology</i> , 2022, 13, 830668.	3.5	2
6	Signatures of polygenic adaptation align with genome-wide methylation patterns in wild strawberry plants. <i>New Phytologist</i> , 2022, 235, 1501-1514.	7.3	6
7	Arbuscular mycorrhizal fungi community composition, richness and diversity on enset (Ensete) farming systems. <i>Plant and Soil</i> , 2022, 478, 409-425.	3.7	7
8	Phylogenomic analysis clarifies the evolutionary origin of <i>Coffea arabica</i> . <i>Journal of Systematics and Evolution</i> , 2021, 59, 953-963.	3.1	16
9	Spectrally defined plant functional types adequately capture multidimensional trait variation in herbaceous communities. <i>Ecological Indicators</i> , 2021, 120, 106970.	6.3	6
10	Functional rather than structural connectivity explains grassland plant diversity patterns following landscape scale habitat loss. <i>Landscape Ecology</i> , 2021, 36, 265-280.	4.2	25
11	Effect of <i>Dichrostachys cinerea</i> encroachment on plant species diversity, functional traits and litter decomposition in an East African savannah ecosystem. <i>Journal of Vegetation Science</i> , 2021, 32, .	2.2	8
12	Pollination mix: honeybees and bumblebees as possible pollinators for <i>Pyrus communis</i> . <i>Acta Horticulturae</i> , 2021, , 405-414.	0.2	1
13	A comparison of the arbuscular mycorrhizal fungal communities among Bangladeshi modern high yielding and traditional rice varieties. <i>Plant and Soil</i> , 2021, 462, 109-124.	3.7	14
14	Inoculation of pear flowers with <i>Metschnikowia reukaufii</i> and <i>Acinetobacter nectaris</i> enhances attraction of honeybees and hoverflies, but does not increase fruit and seed set. <i>PLoS ONE</i> , 2021, 16, e0250203.	2.5	18
15	Woody encroachment of an East African savannah ecosystem alters its arbuscular mycorrhizal fungal communities. <i>Plant and Soil</i> , 2021, 464, 303-320.	3.7	5
16	A trait-based approach across the native and invaded range to understand plant invasiveness and community impact. <i>Oikos</i> , 2021, 130, 1001-1013.	2.7	9
17	Improved genotypes and fertilizers, not fallow duration, increase cassava yields without compromising arbuscular mycorrhizal fungus richness or diversity. <i>Mycorrhiza</i> , 2021, 31, 483-496.	2.8	6
18	Exposure to green spaces may strengthen resilience and support mental health in the face of the covid-19 pandemic. <i>BMJ</i> , 2021, 373, n1601.	6.0	9

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19	Dispersal limitation, eutrophication and propagule pressure constrain the conservation value of Grassland Green Infrastructure. <i>Biological Conservation</i> , 2021, 258, 109152.	4.1	9
20	The role of dispersal limitation and reforestation in shaping the distributional shift of a forest herb under climate change. <i>Diversity and Distributions</i> , 2021, 27, 1775-1791.	4.1	6
21	Drivers of species and genetic diversity within forest metacommunities across agricultural landscapes of different permeability. <i>Landscape Ecology</i> , 2021, 36, 3269-3286.	4.2	3
22	The joint effect of host plant genetic diversity and arbuscular mycorrhizal fungal communities on restoration success. <i>Functional Ecology</i> , 2021, 35, 2621-2634.	3.6	8
23	Evaluating different methods for retrieving intraspecific leaf trait variation from hyperspectral leaf reflectance. <i>Ecological Indicators</i> , 2021, 130, 108111.	6.3	8
24	Life history, climate and biogeography interactively affect worldwide genetic diversity of plant and animal populations. <i>Nature Communications</i> , 2021, 12, 516.	12.8	105
25	Arbuscular mycorrhizal fungus communities and their response to soil phosphorous differ between wild and domesticated enset (<i>Ensete ventricosum</i>) in Southern Ethiopia. <i>Rhizosphere</i> , 2021, 20, 100444.	3.0	2
26	The role of genetic diversity and arbuscular mycorrhizal fungal diversity in population recovery of the semi-natural grassland plant species <i>Succisa pratensis</i> . <i>Bmc Ecology and Evolution</i> , 2021, 21, 200.	1.6	4
27	Effects of landscape composition on bee communities and coffee pollination in <i>Coffea arabica</i> production forests in southwestern Ethiopia. <i>Agriculture, Ecosystems and Environment</i> , 2020, 288, 106706.	5.3	17
28	Population genomic structure of the gelatinous zooplankton species <i>Mnemiopsis leidyi</i> in its nonindigenous range in the North Sea. <i>Ecology and Evolution</i> , 2020, 10, 11-25.	1.9	4
29	TRY plant trait database "enhanced coverage and open access. <i>Global Change Biology</i> , 2020, 26, 119-188.	9.5	1,038
30	Assessing the impact of an invasive bryophyte on plant species richness using high resolution imaging spectroscopy. <i>Ecological Indicators</i> , 2020, 110, 105882.	6.3	7
31	Remotely sensed plant traits can provide insights into ecosystem impacts of plant invasions: a case study covering two functionally different invaders. <i>Biological Invasions</i> , 2020, 22, 3533-3550.	2.4	7
32	Effects of single and multiple species inocula of arbuscular mycorrhizal fungi on the salinity tolerance of a Bangladeshi rice (<i>Oryza sativa</i> L.) cultivar. <i>Mycorrhiza</i> , 2020, 30, 431-444.	2.8	37
33	Typology of the woody plant communities of the Ethiopian Nech Sar National Park and an assessment of vegetation-environment relations and human disturbance impacts. <i>Plant Ecology and Evolution</i> , 2020, 153, 33-44.	0.7	6
34	Optical traits perform equally well as directly measured functional traits in explaining the impact of an invasive plant on litter decomposition. <i>Journal of Ecology</i> , 2020, 108, 2000-2011.	4.0	8
35	Diversity and community structure of ericoid mycorrhizal fungi in European bogs and heathlands across a gradient of nitrogen deposition. <i>New Phytologist</i> , 2020, 228, 1640-1651.	7.3	26
36	Inter- and intraspecific trait variation shape multidimensional trait overlap between two plant invaders and the invaded communities. <i>Oikos</i> , 2020, 129, 677-688.	2.7	17

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37	Pre-adaptation to climate change through topography-driven phenotypic plasticity. <i>Journal of Ecology</i> , 2020, 108, 1465-1474.	4.0	30
38	A preliminary evaluation of the effects of pollinator enhancement and gibberellins on the fruit set and fruit shape of 'Conference' pears - Short Communication. <i>Zahradnictvi (Prague, Czech Republic)</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50		
39	Intensification of Ethiopian coffee agroforestry drives impoverishment of the Arabica coffee flower visiting bee and fly communities. <i>Agroforestry Systems</i> , 2019, 93, 1729-1739.	2.0	15
40	Arbuscular mycorrhizal fungi in European grasslands under nutrient pollution. <i>Global Ecology and Biogeography</i> , 2019, 28, 1796-1805.	5.8	36
41	Nectar traits differ between pollination syndromes in Balsaminaceae. <i>Annals of Botany</i> , 2019, 124, 269-279.	2.9	29
42	Temporal and spatial variation in bacterial communities of <i>Malus</i> apple (<i>Malus</i> x) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 <i>MicrobiologyOpen</i> , 2019, 8, e918.	3.0	12
43	A novel procedure for measuring functional traits of herbaceous species through field spectroscopy. <i>Methods in Ecology and Evolution</i> , 2019, 10, 1332-1338.	5.2	7
44	Variation in arbuscular mycorrhizal fungal communities associated with lowland rice (<i>Oryza sativa</i>) along a gradient of soil salinity and arsenic contamination in Bangladesh. <i>Science of the Total Environment</i> , 2019, 686, 546-554.	8.0	33
45	Rapid diversity and structure degradation over time through continued coffee cultivation in remnant Ethiopian Afromontane forests. <i>Biological Conservation</i> , 2019, 236, 8-16.	4.1	28
46	Local abiotic conditions are more important than landscape context for structuring arbuscular mycorrhizal fungal communities in the roots of a forest herb. <i>Oecologia</i> , 2019, 190, 149-157.	2.0	21
47	Seasonal and altitudinal differences in coffee leaf rust epidemics on coffee berry disease-resistant varieties in Southwest Ethiopia. <i>Tropical Plant Pathology</i> , 2019, 44, 244-250.	1.5	16
48	Forest edge effects on the mycorrhizal communities of the dual-mycorrhizal tree species <i>Alnus glutinosa</i> (L.) Gaertn.. <i>Science of the Total Environment</i> , 2019, 666, 703-712.	8.0	16
49	Soil organic matter rather than ectomycorrhizal diversity is related to urban tree health. <i>PLoS ONE</i> , 2019, 14, e0225714.	2.5	8
50	Genetic diversity and core subset selection in <i>ex situ</i> seed collections of the banana crop wild relative <i>Musa balbisiana</i> . <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2019, 17, 536-544.	0.8	12
51	Organoleptic quality of Ethiopian Arabica coffee deteriorates with increasing intensity of coffee forest management. <i>Journal of Environmental Management</i> , 2019, 231, 282-288.	7.8	30
52	<i>Forest Landscape Restoration: Integrated Approaches to Support Effective Implementation.</i> <i>The Earthscan Forest Library</i>. Edited by Stephanie Mansourian and John Parrotta. London and New York: Routledge (Taylor & Francis Group). \$150.00. xvi + 249 p.; ill.; index. ISBN: 978-1-138-08429-2 (hc); 978-1-315-11187-2 (eb). [Earthscan from Routledge.] 2018.. <i>Quarterly Review of Biology</i> , 2019, 94, 223-224.	0.1	0
53	Resilience and the reliability of spectral entropy to assess ecosystem stability. <i>Global Change Biology</i> , 2018, 24, e393-e394.	9.5	9
54	Analyzing remotely sensed structural and chemical canopy traits of a forest invaded by <i>Prunus serotina</i> over multiple spatial scales. <i>Biological Invasions</i> , 2018, 20, 2257-2271.	2.4	9

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55	LiDAR derived forest structure data improves predictions of canopy N and P concentrations from imaging spectroscopy. <i>Remote Sensing of Environment</i> , 2018, 211, 13-25.	11.0	19
56	Transferability of species distribution models for the detection of an invasive alien bryophyte using imaging spectroscopy data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2018, 68, 61-72.	2.8	17
57	The functional characterization of grass- and shrubland ecosystems using hyperspectral remote sensing: trends, accuracy and moderating variables. <i>Remote Sensing of Environment</i> , 2018, 209, 747-763.	11.0	57
58	Abiotic rather than biotic filtering shapes the arbuscular mycorrhizal fungal communities of European seminatural grasslands. <i>New Phytologist</i> , 2018, 220, 1262-1272.	7.3	72
59	Airborne Imaging Spectroscopy for Assessing Soil Sealing Effect on Urban Tree Health. , 2018, , .		0
60	Temporal changes in genetic diversity and forage yield of perennial ryegrass in monoculture and in combination with red clover in swards. <i>PLoS ONE</i> , 2018, 13, e0206571.	2.5	13
61	Effects of host species, environmental filtering and forest age on community assembly of ectomycorrhizal fungi in fragmented forests. <i>Fungal Ecology</i> , 2018, 36, 89-98.	1.6	30
62	Variation in ectomycorrhizal fungal communities associated with Silver linden (<i>Tilia tomentosa</i>) within and across urban areas. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	2.7	8
63	Vegetation reflectance spectroscopy for biomonitoring of heavy metal pollution in urban soils. <i>Environmental Pollution</i> , 2018, 243, 1912-1922.	7.5	31
64	Biodiversity and human health: mechanisms and evidence of the positive health effects of diversity in nature and green spaces. <i>British Medical Bulletin</i> , 2018, 127, 5-22.	6.9	285
65	The impact of spatial isolation and local habitat conditions on colonization of recent forest stands by ectomycorrhizal fungi. <i>Forest Ecology and Management</i> , 2018, 429, 84-92.	3.2	26
66	Foliar optical traits indicate that sealed planting conditions negatively affect urban tree health. <i>Ecological Indicators</i> , 2018, 95, 895-906.	6.3	6
67	Phosphorus resource partitioning shapes phosphorus acquisition and plant species abundance in grasslands. <i>Nature Plants</i> , 2017, 3, 16224.	9.3	63
68	Differential effects of dominant and subordinate plant species on the establishment success of target species in a grassland restoration experiment. <i>Applied Vegetation Science</i> , 2017, 20, 363-375.	1.9	6
69	A unified framework to model the potential and realized distributions of invasive species within the invaded range. <i>Diversity and Distributions</i> , 2017, 23, 806-819.	4.1	58
70	Plant community reassembly on restored semi-natural grasslands lags behind the assembly of the arbuscular mycorrhizal fungal communities. <i>Biological Conservation</i> , 2017, 212, 196-208.	4.1	12
71	Retention of gene diversity during the spread of a non-native plant species. <i>Molecular Ecology</i> , 2017, 26, 3141-3150.	3.9	5
72	Conserving wild Arabica coffee: Emerging threats and opportunities. <i>Agriculture, Ecosystems and Environment</i> , 2017, 237, 75-79.	5.3	24

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73	High soil phosphorus levels overrule the potential benefits of organic farming on arbuscular mycorrhizal diversity in northern vineyards. <i>Agriculture, Ecosystems and Environment</i> , 2017, 248, 144-152.	5.3	46
74	Does the seed bank contribute to the build-up of a genetic extinction debt in the grassland perennial <i>Campanula rotundifolia</i> ?. <i>Annals of Botany</i> , 2017, 120, 373-385.	2.9	18
75	Mapping an invasive bryophyte species using hyperspectral remote sensing data. <i>Biological Invasions</i> , 2017, 19, 239-254.	2.4	59
76	Invasion by the Alien Tree <i>Prunus serotina</i> Alters Ecosystem Functions in a Temperate Deciduous Forest. <i>Frontiers in Plant Science</i> , 2017, 8, 179.	3.6	67
77	The role of above-ground competition and nitrogen vs. phosphorus enrichment in seedling survival of common European plant species of semi-natural grasslands. <i>PLoS ONE</i> , 2017, 12, e0174380.	2.5	8
78	Assessing Evolutionary Potential in Tree Species Through Ecology-Informed Genome Screening. , 2017, , 313-327.		2
79	Nutrient enrichment is associated with altered nectar and pollen chemical composition in <i>Succisa pratensis</i> Moench and increased larval mortality of its pollinator <i>Bombus terrestris</i> L.. <i>PLoS ONE</i> , 2017, 12, e0175160.	2.5	35
80	Selection mosaics differentiate <i>Rhizobium</i> "host plant interactions across different nitrogen environments. <i>Oikos</i> , 2016, 125, 1755-1761.	2.7	19
81	Evolution, plasticity and evolving plasticity of phenology in the tree species <i>Alnus glutinosa</i> . <i>Journal of Evolutionary Biology</i> , 2016, 29, 253-264.	1.7	23
82	Transatlantic invasion routes and adaptive potential in North American populations of the invasive glossy buckthorn, <i>Frangula alnus</i> . <i>Annals of Botany</i> , 2016, 118, 1089-1099.	2.9	16
83	Effects of adding an arbuscular mycorrhizal fungi inoculum and of distance to donor sites on plant species recolonization following topsoil removal. <i>Applied Vegetation Science</i> , 2016, 19, 7-19.	1.9	38
84	Both below-ground and above-ground functional traits can help predict levee grassland root length density as a proxy for flow erosion resistance. <i>Journal of Vegetation Science</i> , 2016, 27, 1254-1263.	2.2	12
85	Effects of agricultural fungicides on microorganisms associated with floral nectar: susceptibility assays and field experiments. <i>Environmental Science and Pollution Research</i> , 2016, 23, 19776-19786.	5.3	27
86	Species-rich semi-natural grasslands have a higher resistance but a lower resilience than intensively managed agricultural grasslands in response to climate anomalies. <i>Journal of Applied Ecology</i> , 2016, 53, 430-439.	4.0	44
87	Microbial diversity in the floral nectar of <i>Linaria vulgaris</i> along an urbanization gradient. <i>BMC Ecology</i> , 2016, 16, 18.	3.0	22
88	Biogeographical Patterns of Legume-Nodulating Burkholderia spp.: from African Fynbos to Continental Scales. <i>Applied and Environmental Microbiology</i> , 2016, 82, 5099-5115.	3.1	71
89	Crop-specific and single-species mycorrhizal inoculation is the best approach to improve crop growth in controlled environments. <i>Agronomy for Sustainable Development</i> , 2016, 36, 1.	5.3	42
90	Symbiont abundance is more important than pre-infection partner choice in a <i>Rhizobium</i> "legume mutualism. <i>Systematic and Applied Microbiology</i> , 2016, 39, 345-349.	2.8	11

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91	A test of priority effect persistence in semi-natural grasslands through the removal of plant functional groups during community assembly. <i>BMC Ecology</i> , 2016, 16, 22.	3.0	28
92	A direct assessment of realized seed and pollen flow within and between two isolated populations of the food-deceptive orchid <i>Ophrys sphegodes</i> . <i>Plant Biology</i> , 2016, 18, 139-146.	3.8	12
93	Application of slow-release phosphorus fertilizers increases arbuscular mycorrhizal fungal diversity in the roots of apple trees. <i>Plant and Soil</i> , 2016, 402, 291-301.	3.7	40
94	Characterization of the papilionoid Burkholderia interaction in the Fynbos biome: The diversity and distribution of beta-rhizobia nodulating <i>Podalyria calyptata</i> (Fabaceae, Podalyriaceae). <i>Systematic and Applied Microbiology</i> , 2016, 39, 41-48.	2.8	51
95	Conservation of the Ethiopian church forests: Threats, opportunities and implications for their management. <i>Science of the Total Environment</i> , 2016, 551-552, 404-414.	8.0	93
96	Biodiversity and carbon storage co-benefits of coffee agroforestry across a gradient of increasing management intensity in the SW Ethiopian highlands. <i>Agriculture, Ecosystems and Environment</i> , 2016, 222, 193-199.	5.3	54
97	Strong differences in <i>Quercus robur</i> -associated ectomycorrhizal fungal communities along a forest-city soil sealing gradient. <i>Fungal Ecology</i> , 2016, 20, 88-96.	1.6	15
98	Towards the large-scale assessment of vegetation biomass production stability. , 2015, , .		0
99	Mind the gap: scale-dependent and dispersal-mediated response to forest fragmentation. <i>Journal of Vegetation Science</i> , 2015, 26, 617-618.	2.2	0
100	Population genetic diversity of the clonal self-incompatible herbaceous plant <i>Linaria vulgaris</i> along an urbanization gradient. <i>Biological Journal of the Linnean Society</i> , 2015, 116, 603-613.	1.6	24
101	Hidden founder effects: small-scale spatial genetic structure in recently established populations of the grassland specialist plant <i>Anthyllis vulneraria</i> . <i>Molecular Ecology</i> , 2015, 24, 2715-2728.	3.9	15
102	The potential of small exclosures in assisting regeneration of coffee shade trees in South-Western Ethiopian coffee forests. <i>African Journal of Ecology</i> , 2015, 53, 389-397.	0.9	10
103	The population genomic signature of environmental selection in the widespread insect-pollinated tree species <i>Frangula alnus</i> at different geographical scales. <i>Heredity</i> , 2015, 115, 415-425.	2.6	19
104	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. <i>Molecular Ecology</i> , 2015, 24, 941-952.	3.9	73
105	Phenotypic selection on nectar amino acid composition in the Lepidoptera pollinated orchid species <i>Gymnadenia conopsea</i> . <i>Oikos</i> , 2015, 124, 421-427.	2.7	17
106	Symbiotic diversity, specificity and distribution of rhizobia in native legumes of the Core Cape Subregion (South Africa). <i>FEMS Microbiology Ecology</i> , 2015, 91, 1-17.	2.7	131
107	A model quantifying global vegetation resistance and resilience to short-term climate anomalies and their relationship with vegetation cover. <i>Global Ecology and Biogeography</i> , 2015, 24, 539-548.	5.8	182
108	Protecting coffee from intensification. <i>Science</i> , 2015, 347, 139-139.	12.6	13

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109	Isolation by 454-sequencing and characterization of polymorphic microsatellite markers in the tetraploid perennial herb <i>Campanula rotundifolia</i> . <i>Conservation Genetics Resources</i> , 2015, 7, 721-722.	0.8	4
110	Fragmentation and Management of Ethiopian Moist Evergreen Forest Drive Compositional Shifts of Insect Communities Visiting Wild Arabica Coffee Flowers. <i>Environmental Management</i> , 2015, 55, 373-382.	2.7	22
111	Experimental fertilization increases amino acid content in floral nectar, fruit set and degree of selfing in the orchid <i>Gymnadenia conopsea</i> . <i>Oecologia</i> , 2015, 179, 785-795.	2.0	35
112	Plant Species Diversity Mediates Ecosystem Stability of Natural Dune Grasslands in Response to Drought. <i>Ecosystems</i> , 2015, 18, 1383-1394.	3.4	31
113	Dispersal constraints for the conservation of the grassland herb <i>Thymus pulegioides</i> L. in a highly fragmented agricultural landscape. <i>Conservation Genetics</i> , 2015, 16, 765-776.	1.5	11
114	Changing soil characteristics alter the arbuscular mycorrhizal fungi communities of Arabica coffee (<i>Coffea arabica</i>) in Ethiopia across a management intensity gradient. <i>Soil Biology and Biochemistry</i> , 2015, 91, 133-139.	8.8	81
115	“Reduced fecundity and genetic diversity in small populations of rewarding versus deceptive orchid species: a meta-analysis. <i>Plant Ecology and Evolution</i> , 2015, 148, 153-159.	0.7	15
116	Recombination and horizontal transfer of nodulation and ACC deaminase (<i>acdS</i>) genes within <i>Alpha</i> - and <i>Betaproteobacteria</i> nodulating legumes of the Cape Fynbos biome. <i>FEMS Microbiology Ecology</i> , 2015, 91, fiv118.	2.7	39
117	Effects of local environmental variables and geographical location on the genetic diversity and composition of <i>Rhizobium leguminosarum</i> nodulating <i>Vicia cracca</i> populations. <i>Soil Biology and Biochemistry</i> , 2015, 90, 71-79.	8.8	28
118	Management intensification in Ethiopian coffee forests is associated with crown habitat contraction and loss of specialized epiphytic orchid species. <i>Basic and Applied Ecology</i> , 2015, 16, 592-600.	2.7	14
119	Changes in the species and functional trait composition of the seed bank during semi-natural grassland assembly: seed bank disassembly or ecological palimpsest?. <i>Journal of Vegetation Science</i> , 2015, 26, 58-67.	2.2	15
120	DNA pyrosequencing evidence for large diversity differences between natural and managed coffee mycorrhizal fungal communities. <i>Agronomy for Sustainable Development</i> , 2015, 35, 241-249.	5.3	42
121	Linking NDVI and climate-based ecosystem stability with land cover in Europe. , 2014, , .		2
122	An evaluation of seed zone delineation using phenotypic and population genomic data on black alder <i>Alnus glutinosa</i> . <i>Journal of Applied Ecology</i> , 2014, 51, 1218-1227.	4.0	27
123	Evaluation of six primer pairs targeting the nuclear rRNA operon for characterization of arbuscular mycorrhizal fungal (AMF) communities using 454 pyrosequencing. <i>Journal of Microbiological Methods</i> , 2014, 106, 93-100.	1.6	115
124	Increasing Soil Nutrient Loads of European Semi-natural Grasslands Strongly Alter Plant Functional Diversity Independently of Species Loss. <i>Ecosystems</i> , 2014, 17, 169-181.	3.4	34
125	Isolation, characterization and genotyping of single nucleotide polymorphisms in the non-model tree species <i>Frangula alnus</i> (Rhamnaceae). <i>Conservation Genetics Resources</i> , 2014, 6, 267-269.	0.8	9
126	Rapid genetic adaptation precedes the spread of an exotic plant species. <i>Molecular Ecology</i> , 2014, 23, 2157-2164.	3.9	111

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127	Effects of forest management on mating patterns, pollen flow and intergenerational transfer of genetic diversity in wild Arabica coffee (<i>Coffea arabica</i> L.) from Afromontane rainforests. <i>Biological Journal of the Linnean Society</i> , 2014, 112, 76-88.	1.6	19
128	Landscape scale variation in nectar amino acid and sugar composition in a Lepidoptera pollinated orchid species and its relation with fruit set. <i>Journal of Ecology</i> , 2014, 102, 136-144.	4.0	45
129	Transmission of genetic variation from the adult generation to naturally established seedling cohorts in small forest stands of pedunculate oak (<i>Quercus robur</i> L.). <i>Forest Ecology and Management</i> , 2014, 312, 19-27.	3.2	23
130	Population structure of root nodulating <i>Rhizobium leguminosarum</i> in <i>Vicia cracca</i> populations at local to regional geographic scales. <i>Systematic and Applied Microbiology</i> , 2014, 37, 613-621.	2.8	33
131	Tree density and population size affect pollen flow and mating patterns in small fragmented forest stands of pedunculate oak (<i>Quercus robur</i> L.). <i>Forest Ecology and Management</i> , 2014, 328, 254-261.	3.2	14
132	The effect of drought stress on heterozygosity-fitness correlations in pedunculate oak (<i>Quercus</i>)	2.9	12
133	Landscape genomics and a common garden trial reveal adaptive differentiation to temperature across Europe in the tree species <i>Alnus glutinosa</i> . <i>Molecular Ecology</i> , 2014, 23, 4709-4721.	3.9	124
134	How to measure ecosystem stability? An evaluation of the reliability of stability metrics based on remote sensing time series across the major global ecosystems. <i>Global Change Biology</i> , 2014, 20, 2149-2161.	9.5	86
135	Soil phosphorus constrains biodiversity across European grasslands. <i>Global Change Biology</i> , 2014, 20, 3814-3822.	9.5	105
136	Plant species loss from European semi-natural grasslands following nutrient enrichment "is it nitrogen or is it phosphorus?". <i>Global Ecology and Biogeography</i> , 2013, 22, 73-82.	5.8	102
137	Genetic variation and risks of introgression in the wild <i>Coffea arabica</i> gene pool in south-western Ethiopian montane rainforests. <i>Evolutionary Applications</i> , 2013, 6, 243-252.	3.1	79
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