

Guillaume Besnard

List of Publications by Year in descending order

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141
papers

7,631
citations

41344

49
h-index

62596

80
g-index

147
all docs

147
docs citations

147
times ranked

6521
citing authors

#	ARTICLE	IF	CITATIONS
1	New grass phylogeny resolves deep evolutionary relationships and discovers C ₄ origins. <i>New Phytologist</i> , 2012, 193, 304-312.	7.3	433
2	Oligocene CO ₂ Decline Promoted C ₄ Photosynthesis in Grasses. <i>Current Biology</i> , 2008, 18, 37-43.	3.9	324
3	Anatomical enablers and the evolution of C ₄ photosynthesis in grasses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 1381-1386.	7.1	239
4	The complex history of the olive tree: from Late Quaternary diversification of Mediterranean lineages to primary domestication in the northern Levant. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20122833.	2.6	212
5	C ₄ Photosynthesis Evolved in Grasses via Parallel Adaptive Genetic Changes. <i>Current Biology</i> , 2007, 17, 1241-1247.	3.9	211
6	Primary domestication and early uses of the emblematic olive tree: palaeobotanical, historical and molecular evidence from the Middle East. <i>Biological Reviews</i> , 2012, 87, 885-899.	10.4	185
7	Causes and evolutionary significance of genetic convergence. <i>Trends in Genetics</i> , 2010, 26, 400-405.	6.7	179
8	Genetic relationships in the olive (<i>Olea europaea</i> L.) reflect multilocal selection of cultivars. <i>Theoretical and Applied Genetics</i> , 2001, 102, 251-258.	3.6	165
9	On the origins and domestication of the olive: a review and perspectives. <i>Annals of Botany</i> , 2018, 121, 385-403.	2.9	147
10	Phylogenomics of C ₄ Photosynthesis in Sedges (Cyperaceae): Multiple Appearances and Genetic Convergence. <i>Molecular Biology and Evolution</i> , 2009, 26, 1909-1919.	8.9	136
11	<i>Olea europaea</i> (Oleaceae) phylogeography based on chloroplast DNA polymorphism. <i>Theoretical and Applied Genetics</i> , 2002, 104, 1353-1361.	3.6	135
12	A first linkage map of olive (<i>Olea europaea</i> L.) cultivars using RAPD, AFLP, RFLP and SSR markers. <i>Theoretical and Applied Genetics</i> , 2003, 106, 1273-1282.	3.6	133
13	Plastid and nuclear DNA polymorphism reveals historical processes of isolation and reticulation in the olive tree complex (<i>Olea europaea</i>). <i>Journal of Biogeography</i> , 2007, 34, 736-752.	3.0	128
14	Phylogenetics of <i>Olea</i> (Oleaceae) based on plastid and nuclear ribosomal DNA sequences: Tertiary climatic shifts and lineage differentiation times. <i>Annals of Botany</i> , 2009, 104, 143-160.	2.9	126
15	Adaptive Evolution of C ₄ Photosynthesis through Recurrent Lateral Gene Transfer. <i>Current Biology</i> , 2012, 22, 445-449.	3.9	121
16	Genomic profiling of plastid DNA variation in the Mediterranean olive tree. <i>BMC Plant Biology</i> , 2011, 11, 80.	3.6	120
17	Evolutionary Switch and Genetic Convergence on <i>rbcl</i> following the Evolution of C ₄ Photosynthesis. <i>Molecular Biology and Evolution</i> , 2008, 25, 2361-2368.	8.9	117
18	From museums to genomics: old herbarium specimens shed light on a C ₃ to C ₄ transition. <i>Journal of Experimental Botany</i> , 2014, 65, 6711-6721.	4.8	109

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19	Cytoplasmic male sterility in the olive (<i>Olea europaea</i> L.). <i>Theoretical and Applied Genetics</i> , 2000, 100, 1018-1024.	3.6	102
20	Genome skimming by shotgun sequencing helps resolve the phylogeny of a pantropical tree family. <i>Molecular Ecology Resources</i> , 2014, 14, 966-975.	4.8	102
21	Glacial in situ survival in the Western Alps and polytopic autopolyploidy in <i>Biscutella laevigata</i> L. (<i>Brassicaceae</i>). <i>Molecular Ecology</i> , 2007, 16, 2755-2767.	3.9	101
22	One-third of the plastid genes evolved under positive selection in PACMAD grasses. <i>Planta</i> , 2018, 247, 255-266.	3.2	99
23	The use of molecular markers for germplasm management in a French olive collection. <i>Theoretical and Applied Genetics</i> , 2003, 106, 521-529.	3.6	97
24	Lateral transfers of large DNA fragments spread functional genes among grasses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 4416-4425.	7.1	94
25	Cultivar Identification in Olive Based on RAPD Markers. <i>Journal of the American Society for Horticultural Science</i> , 2001, 126, 668-675.	1.0	93
26	Polyploidy in the Olive Complex (<i>Olea europaea</i>): Evidence from Flow Cytometry and Nuclear Microsatellite Analyses. <i>Annals of Botany</i> , 2008, 101, 25-30.	2.9	92
27	Museomics illuminate the history of an extinct, paleoendemic plant lineage (<i>Hesperelaea</i>) Linnean Society, 2016, 117, 44-57.	1.6	87
28	High Genetic Diversity and Clonal Growth in Relict Populations of <i>Olea europaea</i> subsp. <i>laperrinei</i> (<i>Oleaceae</i>) from Hoggar, Algeria. <i>Annals of Botany</i> , 2005, 96, 823-830.	2.9	83
29	Madagascar's grasses and grasslands: anthropogenic or natural?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20152262.	2.6	83
30	Multiple origins for Mediterranean olive (<i>Olea europaea</i> L. ssp. <i>europaea</i>) based upon mitochondrial DNA polymorphisms. <i>Comptes Rendus De L'Académie Des Sciences Série 3, Sciences De La Vie</i> , 2000, 323, 173-181.	0.8	81
31	Genetic diversity and differentiation processes in the ploidy series of <i>Olea europaea</i> L.: a multiscale approach from subspecies to insular populations. <i>Molecular Ecology</i> , 2009, 18, 454-467.	3.9	80
32	Olive domestication from structure of oleasters and cultivars using nuclear RAPDs and mitochondrial RFLPs. <i>Genetics Selection Evolution</i> , 2001, 33, S251.	3.0	79
33	Extensive gene flow blurs phylogeographic but not phylogenetic signal in <i>Olea europaea</i> L. <i>Theoretical and Applied Genetics</i> , 2006, 113, 575-583.	3.6	79
34	Integrating Phylogeny into Studies of C4 Variation in the Grasses. <i>Plant Physiology</i> , 2009, 149, 82-87.	4.8	79
35	On the origin of the invasive olives (<i>Olea europaea</i> L., <i>Oleaceae</i>). <i>Heredity</i> , 2007, 99, 608-619.	2.6	77
36	Population genetics of Mediterranean and Saharan olives: geographic patterns of differentiation and evidence for early generations of admixture. <i>Annals of Botany</i> , 2013, 112, 1293-1302.	2.9	77

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37	Genomic organization of molecular differentiation in Norway spruce (<i>Picea abies</i>). <i>Molecular Ecology</i> , 2005, 14, 3191-3201.	3.9	76
38	Photosynthetic innovation broadens the niche within a single species. <i>Ecology Letters</i> , 2015, 18, 1021-1029.	6.4	75
39	Grass diversification in Madagascar: In situ radiation of two large C ₃ shade clades and support for a Miocene to Pliocene origin of C ₄ grassy biomes. <i>Journal of Biogeography</i> , 2018, 45, 750-761.	3.0	72
40	Evolutionary Insights on C ₄ Photosynthetic Subtypes in Grasses from Genomics and Phylogenetics. <i>Genome Biology and Evolution</i> , 2009, 1, 221-230.	2.5	70
41	Multiple introductions boosted genetic diversity in the invasive range of black cherry (<i>Prunus</i>) Tj ETQq1 1 0.784314 rBT /Overlock 10 T	2.9	68
42	Evolution of C ₄ Phosphoenolpyruvate Carboxykinase in Grasses, from Genotype to Phenotype. <i>Molecular Biology and Evolution</i> , 2009, 26, 357-365.	8.9	65
43	Evolutionary implications of C ₃ →C ₄ intermediates in the grass <i>Alloteropsis semialata</i> . <i>Plant, Cell and Environment</i> , 2016, 39, 1874-1885.	5.7	64
44	Evolutionary transcriptomics reveals the origins of olives and the genomic changes associated with their domestication. <i>Plant Journal</i> , 2019, 100, 143-157.	5.7	64
45	Combination of chloroplast and mitochondrial DNA polymorphisms to study cytoplasm genetic differentiation in the olive complex (<i>Olea europaea</i> L.). <i>Theoretical and Applied Genetics</i> , 2002, 105, 139-144.	3.6	63
46	Title is missing!. <i>Genetic Resources and Crop Evolution</i> , 2001, 48, 165-182.	1.6	62
47	Reduced genetic diversity, increased isolation and multiple introductions of invasive giant hogweed in the western Swiss Alps. <i>Molecular Ecology</i> , 2009, 18, 2819-2831.	3.9	53
48	On chloroplast DNA variations in the olive (<i>Olea europaea</i> L.) complex: comparison of RFLP and PCR polymorphisms. <i>Theoretical and Applied Genetics</i> , 2002, 104, 1157-1163.	3.6	51
49	A full saturated linkage map of <i>Picea abies</i> including AFLP, SSR, ESTP, 5S rDNA and morphological markers. <i>Theoretical and Applied Genetics</i> , 2004, 108, 1602-1613.	3.6	51
50	Phylogenomics and taxonomy of Lecomtelleae (Poaceae), an isolated panicoid lineage from Madagascar. <i>Annals of Botany</i> , 2013, 112, 1057-1066.	2.9	51
51	Genome biogeography reveals the intraspecific spread of adaptive mutations for a complex trait. <i>Molecular Ecology</i> , 2016, 25, 6107-6123.	3.9	51
52	Valuing museum specimens: high-throughput DNA sequencing on historical collections of New Guinea crowned pigeons (<i>Goura</i>). <i>Biological Journal of the Linnean Society</i> , 2016, 117, 71-82.	1.6	51
53	Prospects on the evolutionary mitogenomics of plants: A case study on the olive family (Oleaceae). <i>Molecular Ecology Resources</i> , 2018, 18, 407-423.	4.8	49
54	Phylogenomics using low-depth whole genome sequencing: A case study with the olive tribe. <i>Molecular Ecology Resources</i> , 2019, 19, 877-892.	4.8	48

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55	Varietal Tracing of Virgin Olive Oils Based on Plastid DNA Variation Profiling. <i>PLoS ONE</i> , 2013, 8, e70507.	2.5	45
56	Single vs multiple independent olive domestications: the jury is (still) out. <i>New Phytologist</i> , 2016, 209, 466-470.	7.3	45
57	Grass Functional Traits Differentiate Forest and Savanna in the Madagascar Central Highlands. <i>Frontiers in Ecology and Evolution</i> , 2018, 6, .	2.2	45
58	Fast assembly of the mitochondrial genome of a plant parasitic nematode (<i>Meloidogyne graminicola</i>) using next generation sequencing. <i>Comptes Rendus - Biologies</i> , 2014, 337, 295-301.	0.2	41
59	Systematics, ecology and phylogeographic significance of <i>Olea europaea</i> L. ssp. <i>maroccana</i> (Greuter & Tj) ETQq1 1 0.784314 rgBT / <i>Olive Society</i> , 2001, 137, 249-266.	1.6	40
60	Herbarium-based science in the twenty-first century. <i>Botany Letters</i> , 2018, 165, 323-327.	1.4	40
61	C ₄ anatomy can evolve via a single developmental change. <i>Ecology Letters</i> , 2019, 22, 302-312.	6.4	40
62	Sequence analysis of single-copy genes in two wild olive subspecies: nucleotide diversity and potential use for testing admixture. <i>Genome</i> , 2014, 57, 145-153.	2.0	39
63	Two independent C ₄ origins in Aristidoideae (Poaceae) revealed by the recruitment of distinct phosphoenolpyruvate carboxylase genes. <i>American Journal of Botany</i> , 2009, 96, 2234-2239.	1.7	38
64	Intricate patterns of phylogenetic relationships in the olive family as inferred from multi-locus plastid and nuclear DNA sequence analyses: A close-up on <i>Chionanthus</i> and <i>Noronhia</i> (Oleaceae). <i>Molecular Phylogenetics and Evolution</i> , 2013, 67, 367-378.	2.7	37
65	Cadmium Hyperaccumulation and Reproductive Traits in Natural <i>Thlaspi caerulescens</i> Populations. <i>Plant Biology</i> , 2006, 8, 64-72.	3.8	36
66	Intraspecific variability of the facultative meiotic parthenogenetic root-knot nematode (<i>Meloidogyne</i>) Tj ETQq0 0 0 rgBT / <i>Overlock 10 Tj</i>	0.2	36
67	Evolutionary forces affecting synonymous variations in plant genomes. <i>PLoS Genetics</i> , 2017, 13, e1006799.	3.5	36
68	History of the invasive African olive tree in Australia and Hawaii: evidence for sequential bottlenecks and hybridization with the Mediterranean olive. <i>Evolutionary Applications</i> , 2014, 7, 195-211.	3.1	35
69	Spatial genetic structure in the Laperrine's olive (<i>Olea europaea</i> subsp. <i>laperrinei</i>), a long-living tree from the central Saharan mountains. <i>Heredity</i> , 2007, 99, 649-657.	2.6	34
70	Mitogenomics of <i>Hesperelaea</i> , an extinct genus of Oleaceae. <i>Gene</i> , 2016, 594, 197-202.	2.2	34
71	Museomics resolve the systematics of an endangered grass lineage endemic to north-western Madagascar. <i>Annals of Botany</i> , 2017, 119, 339-351.	2.9	34
72	Cadmium hyperaccumulation and genetic differentiation of <i>Thlaspi caerulescens</i> populations. <i>Biochemical Systematics and Ecology</i> , 2006, 34, 667-677.	1.3	33

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73	Extent of the genetic diversity in Lebanese olive (<i>Olea europaea</i> L.) trees: a mixture of an ancient germplasm with recently introduced varieties. <i>Genetic Resources and Crop Evolution</i> , 2015, 62, 621-633.	1.6	33
74	Contrasting dispersal histories of broad- and fine-leaved temperate Loliinae grasses: range expansion, founder events, and the roles of distance and barriers. <i>Journal of Biogeography</i> , 2017, 44, 1980-1993.	3.0	32
75	Coexistence of diploids and triploids in a Saharan relict olive: Evidence from nuclear microsatellite and flow cytometry analyses. <i>Comptes Rendus - Biologies</i> , 2009, 332, 1115-1120.	0.2	31
76	Applying DNA barcoding for the study of geographical variation in host-parasitoid interactions. <i>Molecular Ecology Resources</i> , 2011, 11, 46-59.	4.8	31
77	<i>Thlaspi caerulescens</i> (Brassicaceae) population genetics in western Switzerland: is the genetic structure affected by natural variation of soil heavy metal concentrations?. <i>New Phytologist</i> , 2009, 181, 974-984.	7.3	30
78	Molecular approach of genetic affinities between wild and ornamental <i>Platanus</i> . <i>Euphytica</i> , 2002, 126, 401-412.	1.2	29
79	A set of cross-species amplifying microsatellite markers developed from DNA sequence databanks in <i>Picea</i> (Pinaceae). <i>Molecular Ecology Notes</i> , 2003, 3, 380-383.	1.7	28
80	The Laperrine's olive tree (Oleaceae): a wild genetic resource of the cultivated olive and a model-species for studying the biogeography of the Saharan Mountains. <i>Acta Botanica Gallica</i> , 2012, 159, 319-328.	0.9	28
81	Recovering the evolutionary history of crowned pigeons (Columbidae: Goura): Implications for the biogeography and conservation of New Guinean lowland birds. <i>Molecular Phylogenetics and Evolution</i> , 2018, 120, 248-258.	2.7	27
82	Continued Adaptation of C4 Photosynthesis After an Initial Burst of Changes in the Andropogoneae Grasses. <i>Systematic Biology</i> , 2020, 69, 445-461.	5.6	27
83	Genome structure and content of the rice root-knot nematode (<i>Meloidogyne graminicola</i>). <i>Ecology and Evolution</i> , 2020, 10, 11006-11021.	1.9	27
84	NADP-Malate Dehydrogenase Gene Evolution in Andropogoneae (Poaceae): Gene Duplication Followed by Sub-functionalization. <i>Annals of Botany</i> , 2005, 96, 1307-1314.	2.9	25
85	Resolving the Phylogeny of the Olive Family (Oleaceae): Confronting Information from Organellar and Nuclear Genomes. <i>Genes</i> , 2020, 11, 1508.	2.4	25
86	The genus <i>Olea</i> : molecular approaches of its structure and relationships to other Oleaceae. <i>Acta Botanica Gallica</i> , 2002, 149, 49-66.	0.9	24
87	Key changes in gene expression identified for different stages of C4 evolution in <i>Alloteropsis semialata</i> . <i>Journal of Experimental Botany</i> , 2019, 70, 3255-3268.	4.8	23
88	The recent and rapid spread of <i>Themeda triandra</i> . <i>Botany Letters</i> , 2017, 164, 327-337.	1.4	22
89	A set of primers for length and nucleotide-substitution polymorphism in chloroplastic DNA of <i>Olea europaea</i> L. (Oleaceae). <i>Molecular Ecology Notes</i> , 2003, 3, 651-653.	1.7	21
90	Species limits and diversification in the Madagascar olive (<i>Noronhia</i> , Oleaceae). <i>Botanical Journal of the Linnean Society</i> , 2014, 174, 141-161.	1.6	21

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91	Cultivated Olive Diversification at Local and Regional Scales: Evidence From the Genetic Characterization of French Genetic Resources. <i>Frontiers in Plant Science</i> , 2019, 10, 1593.	3.6	21
92	SILVOLIVE, a Germplasm Collection of Wild Subspecies With High Genetic Variability as a Source of Rootstocks and Resistance Genes for Olive Breeding. <i>Frontiers in Plant Science</i> , 2020, 11, 629.	3.6	21
93	Phylogenomics indicates the "living fossil" Isoetes diversified in the Cenozoic. <i>PLoS ONE</i> , 2020, 15, e0227525.	2.5	20
94	Characterisation of the phosphoenolpyruvate carboxylase gene family in sugarcane (<i>Saccharum</i> spp.). <i>Theoretical and Applied Genetics</i> , 2003, 107, 470-478.	3.6	19
95	Late Miocene origin and recent population collapse of the Malagasy savanna olive tree (<i>Noronhia</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	1.6	19
96	Utility of the Mitochondrial Genome in Plant Taxonomic Studies. <i>Methods in Molecular Biology</i> , 2021, 2222, 107-118.	0.9	19
97	Specifying the introgressed regions from <i>H. argophyllus</i> in cultivated sunflower (<i>Helianthus annuus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	3.6	18
98	Distribution, shape and clonal growth of the rare endemic tree <i>Olea europaea</i> subsp. <i>laperrinei</i> (Oleaceae) in the Saharan mountains of Niger. <i>Plant Ecology</i> , 2008, 198, 73-87.	1.6	18
99	Contrasted histories of organelle and nuclear genomes underlying physiological diversification in a grass species. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201960.	2.6	18
100	Spatial segregation and realized niche shift during the parallel invasion of two olive subspecies in southeastern Australia. <i>Journal of Biogeography</i> , 2015, 42, 1930-1941.	3.0	17
101	Genome skimming and plastid microsatellite profiling of alder trees (<i>Alnus</i> spp., Betulaceae): phylogenetic and phylogeographical prospects. <i>Tree Genetics and Genomes</i> , 2017, 13, 1.	1.6	17
102	A new root-knot nematode <i>Meloidogyne spartelensis</i> n. sp. (Nematoda: Meloidogynidae) in Northern Morocco. <i>European Journal of Plant Pathology</i> , 2015, 143, 25-42.	1.7	16
103	First report of the root-knot nematode (<i>Meloidogyne graminicola</i>) in Madagascar rice fields. <i>Australasian Plant Disease Notes</i> , 2016, 11, 1.	0.7	16
104	Duplication history and molecular evolution of the <i>rbcS</i> multigene family in angiosperms. <i>Journal of Experimental Botany</i> , 2019, 70, 6127-6139.	4.8	16
105	On the Close Relatedness of Two Rice-Parasitic Root-Knot Nematode Species and the Recent Expansion of <i>Meloidogyne graminicola</i> in Southeast Asia. <i>Genes</i> , 2019, 10, 175.	2.4	16
106	Paternity tests support a diallelic self-incompatibility system in a wild olive (<i>Olea europaea</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	4.9	16
107	Geographical structure of genetic diversity in <i>Loudetia simplex</i> (Poaceae) in Madagascar and South Africa. <i>Botanical Journal of the Linnean Society</i> , 2021, 196, 81-99.	1.6	16
108	Effect of genetic convergence on phylogenetic inference. <i>Molecular Phylogenetics and Evolution</i> , 2012, 62, 921-927.	2.7	15

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109	Gene polymorphisms for elucidating the genetic structure of the heavy-metal hyperaccumulating trait in <i>Thlaspi caerulescens</i> and their cross-genera amplification in Brassicaceae. <i>Journal of Plant Research</i> , 2006, 119, 479-487.	2.4	14
110	Plastid DNA variation in <i>Prunus serotina</i> var. <i>serotina</i> (Rosaceae), a North American tree invading Europe. <i>European Journal of Forest Research</i> , 2009, 128, 431-436.	2.5	13
111	Pollen-mediated gene flow in a highly fragmented landscape: consequences for defining a conservation strategy of the relict Laperrine's olive. <i>Comptes Rendus - Biologies</i> , 2009, 332, 662-672.	0.2	13
112	How anthropogenic changes may affect soil-borne parasite diversity? Plant-parasitic nematode communities associated with olive trees in Morocco as a case study. <i>BMC Ecology</i> , 2017, 17, 4.	3.0	13
113	The endemic <i>â€˜sugar canesâ€™</i> of Madagascar (Poaceae, Saccharinae: Lasiorrhachis) are close relatives of sorghum. <i>Botanical Journal of the Linnean Society</i> , 2020, 192, 148-164.	1.6	13
114	Does maternal environmental condition during reproductive development induce genotypic selection in <i>Picea abies</i> ?. <i>Annals of Forest Science</i> , 2008, 65, 109-109.	2.0	12
115	Grass survey of the Itremo Massif records endemic central highland grasses. <i>Madagascar Conservation and Development</i> , 2017, 12, .	0.2	12
116	Herbarium genomics retraces the origins of C4-specific carbonic anhydrase in Andropogoneae (Poaceae). <i>Botany Letters</i> , 2018, 165, 419-433.	1.4	11
117	Assessment of the C4 phosphoenolpyruvate carboxylase gene diversity in grasses (Poaceae). <i>Theoretical and Applied Genetics</i> , 2002, 105, 404-412.	3.6	10
118	Chloroplast DNA variations in Mediterranean olive. <i>Journal of Horticultural Science and Biotechnology</i> , 2008, 83, 51-54.	1.9	10
119	Diversity and evolution of plastomes in Saharan mimosoids: potential use for phylogenetic and population genetic studies. <i>Tree Genetics and Genomes</i> , 2017, 13, 1.	1.6	10
120	Complex evolutionary history of two ecologically significant grass genera, <i>Themeda</i> and <i>Heteropogon</i> (Poaceae: Panicoideae: Andropogoneae). <i>Botanical Journal of the Linnean Society</i> , 2021, 196, 437-455.	1.6	10
121	A set of primers for plastid indels and nuclear microsatellites in the invasive plant <i>Heracleum mantegazzianum</i> (Apiaceae) and their transferability to <i>Heracleum sphondylium</i> . <i>Molecular Ecology Resources</i> , 2008, 8, 161-163.	4.8	8
122	The Genus <i>Sartidia</i> (Poaceae: Aristidoideae) in Madagascar. <i>Systematic Botany</i> , 2015, 40, 448-453.	0.5	6
123	A simple method for high molecular-weight genomic DNA extraction suitable for long-read sequencing from spores of an obligate biotroph oomycete. <i>Journal of Microbiological Methods</i> , 2020, 178, 106054.	1.6	6
124	Origin and Domestication. <i>Compendium of Plant Genomes</i> , 2016, , 1-12.	0.5	6
125	Evolutionary genomics of C4 photosynthesis in grasses requires a large species sampling. <i>Comptes Rendus - Biologies</i> , 2010, 333, 577-581.	0.2	5
126	An ecological and evolutionary perspective on the parallel invasion of two cross-compatible trees. <i>AoB PLANTS</i> , 2016, 8, .	2.3	5

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127	Genetic origins and diversity of bushpigs from Madagascar (<i>Potamochoerus larvatus</i> , family Suidae). <i>Scientific Reports</i> , 2020, 10, 20629.	3.3	5
128	Microsatellite-assisted identification and comparative population genetics of Malagasy olive species (<i>Noronhia</i> spp., Oleaceae). <i>Botany Letters</i> , 2021, 168, 523-535.	1.4	5
129	Le statut d'hybride de <i>Platanus acerifolia</i> et celui de <i>P. densicoma</i> mis en évidence à l'aide de marqueurs génétiques moléculaires conséquences. <i>Acta Botanica Gallica</i> , 1997, 144, 243-251.	0.9	4
130	Can microsatellite data allow identification of oleaster Plio-Pleistocene refuge zones in the Mediterranean Basin?. <i>Journal of Biogeography</i> , 2007, 34, 559-560.	3.0	3
131	Three New Grass Records for Madagascar. <i>Candollea</i> , 2014, 69, 85.	0.2	3
132	Genome sequence of the coffee root-knot nematode <i>Meloidogyne exigua</i> . <i>Journal of Nematology</i> , 2021, 53, 1-6.	0.9	3
133	Hybridization boosts dispersal of two contrasted ecotypes in a grass species. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, 20212491.	2.6	3
134	Comment on Breton et al.: "Taming the wild and "wilding" the tame: tree breeding and dispersal in Australia and the Mediterranean". <i>Plant Science</i> , 2008, 175, 206-207.	3.6	2
135	Shotgun sequencing of the mitochondrial genome of the Aldabra giant tortoise (<i>Aldabrachelys</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 302 Td	0.7	2
136	Contrasting Genetic Footprints among Saharan Olive Populations: Potential Causes and Conservation Implications. <i>Plants</i> , 2021, 10, 1207.	3.5	2
137	From the Mediterranean to the Pacific: re-circumscription towards <i>Notelaea</i> s.l. and historical biogeography of a generic complex in Oleinae (Oleaceae). <i>Botanical Journal of the Linnean Society</i> , 2022, 200, 360-377.	1.6	2
138	Adaptive response to olive cultivation in a generalist parasitic nematode (<i>Meloidogyne</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td	1.6	1
139	Late Miocene origin and recent population collapse of the Malagasy savanna olive tree (<i>Noronhia</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 302 Td	1.6	1
140	Genome skims analysis of betel palms (<i>Areca</i> spp., Arecaceae) and development of a profiling method to assess their plastome diversity. <i>Gene</i> , 2021, 800, 145845.	2.2	0
141	Investigating pollination strategies in a changing world. <i>Botany Letters</i> , 2021, 168, 311-315.	1.4	0