

Giovanni G Vendramin

List of Publications by Year in descending order

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201
papers

14,421
citations

22099

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207
docs citations

207
times ranked

12674
citing authors

#	ARTICLE	IF	CITATIONS
1	Glacial Refugia: Hotspots But Not Melting Pots of Genetic Diversity. <i>Science</i> , 2003, 300, 1563-1565.	6.0	1,569
2	The GenTree Dendroecological Collection, tree-ring and wood density data from seven tree species across Europe. <i>Scientific Data</i> , 2020, 7, 1.	2.4	830
3	INVITED REVIEW: Comparative organization of chloroplast, mitochondrial and nuclear diversity in plant populations. <i>Molecular Ecology</i> , 2004, 14, 689-701.	2.0	790
4	A new scenario for the Quaternary history of European beech populations: palaeobotanical evidence and genetic consequences. <i>New Phytologist</i> , 2006, 171, 199-221.	3.5	757
5	Polymorphic simple sequence repeat regions in chloroplast genomes: applications to the population genetics of pines.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 7759-7763.	3.3	453
6	Chloroplast DNA variation and postglacial recolonization of common ash (<i>Fraxinus excelsior</i> L.) in Europe. <i>Molecular Ecology</i> , 2004, 13, 3437-3452.	2.0	248
7	Can Population Genetic Structure Be Predicted from Lifeâ€™History Traits?. <i>American Naturalist</i> , 2007, 169, 662-672.	1.0	235
8	Imprints of glacial refugia in the modern genetic diversity of <i>Pinus sylvestris</i> . <i>Global Ecology and Biogeography</i> , 2006, 15, 271-282.	2.7	218
9	The distribution of <i>Quercus suber</i> chloroplast haplotypes matches the palaeogeographical history of the western Mediterranean. <i>Molecular Ecology</i> , 2007, 16, 5259-5266.	2.0	193
10	A consensus list of microsatellite markers for olive genotyping. <i>Molecular Breeding</i> , 2009, 24, 213-231.	1.0	188
11	Molecular Footprints of Local Adaptation in Two Mediterranean Conifers. <i>Molecular Biology and Evolution</i> , 2011, 28, 101-116.	3.5	172
12	Limited genetic variability and phenotypic plasticity detected for cavitation resistance in a Mediterranean pine. <i>New Phytologist</i> , 2014, 201, 874-886.	3.5	170
13	Tree endurance on the Tibetan Plateau marks the worldâ€™s highest known tree line of the Last Glacial Maximum. <i>New Phytologist</i> , 2010, 185, 332-342.	3.5	163
14	Cross-species transferability and mapping of genomic and cDNA SSRs in pines. <i>Theoretical and Applied Genetics</i> , 2004, 109, 1204-1214.	1.8	153
15	High level of variation at <i>Abies alba</i> chloroplast microsatellite loci in Europe. <i>Molecular Ecology</i> , 1999, 8, 1117-1126.	2.0	147
16	Chloroplast microsatellites reveal population genetic diversity in red pine, <i>Pinus resinosa</i> Ait.. <i>Molecular Ecology</i> , 1998, 7, 307-316.	2.0	142
17	NUCLEAR MICROSATELLITES REVEAL CONTRASTING PATTERNS OF GENETIC STRUCTURE BETWEEN WESTERN AND SOUTHEASTERN EUROPEAN POPULATIONS OF THE COMMON ASH (<i>FRAXINUS EXCELSIOR</i> L.). <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 976-988.	1.1	136
18	Genomeâ€™environment association study suggests local adaptation to climate at the regional scale in <i>Fagus sylvatica</i> . <i>New Phytologist</i> , 2016, 210, 589-601.	3.5	132

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19	Chloroplast DNA phylogeography of European ashes, <i>Fraxinus</i> sp. (Oleaceae): roles of hybridization and life history traits. <i>Molecular Ecology</i> , 2006, 15, 2131-2140.	2.0	131
20	Range-wide phylogeography and gene zones in <i>Pinus pinaster</i> Ait. revealed by chloroplast microsatellite markers. <i>Molecular Ecology</i> , 2007, 16, 2137-2153.	2.0	129
21	Complete Chloroplast Genome of the Multifunctional Crop Globe Artichoke and Comparison with Other Asteraceae. <i>PLoS ONE</i> , 2015, 10, e0120589.	1.1	129
22	Chloroplast DNA variation, postglacial recolonization and hybridization in hazel, <i>Corylus avellana</i> . <i>Molecular Ecology</i> , 2002, 11, 1769-1779.	2.0	128
23	GENETICALLY DEPAUPERATE BUT WIDESPREAD: THE CASE OF AN EMBLEMATIC MEDITERRANEAN PINE. Evolution; <i>International Journal of Organic Evolution</i> , 2008, 62, 680-688.	1.1	128
24	The role of forest genetic resources in responding to biotic and abiotic factors in the context of anthropogenic climate change. <i>Forest Ecology and Management</i> , 2014, 333, 76-87.	1.4	125
25	Distribution of genetic diversity in <i>Pinus pinaster</i> Ait. as revealed by chloroplast microsatellites. <i>Theoretical and Applied Genetics</i> , 1998, 97, 456-463.	1.8	123
26	Combined analysis of nuclear and mitochondrial markers provide new insight into the genetic structure of North European <i>Picea abies</i> . <i>Heredity</i> , 2009, 102, 549-562.	1.2	121
27	Tandem repeats in plant mitochondrial genomes: application to the analysis of population differentiation in the conifer Norway spruce. <i>Molecular Ecology</i> , 2001, 10, 257-263.	2.0	110
28	Genomics of Fagaceae. <i>Tree Genetics and Genomes</i> , 2012, 8, 583-610.	0.6	109
29	Morphological and Molecular Differentiation between <i>Quercus petraea</i> (Matt.) Liebl. and <i>Quercus pubescens</i> Willd. (Fagaceae) in Northern and Central Italy. <i>Annals of Botany</i> , 2000, 85, 325-333.	1.4	108
30	Chloroplast DNA polymorphism reveals little geographical structure in <i>Castanea sativa</i> Mill. (Fagaceae) throughout southern European countries. <i>Molecular Ecology</i> , 2000, 9, 1495-1503.	2.0	106
31	Evolution-based approach needed for the conservation and silviculture of peripheral forest tree populations. <i>Forest Ecology and Management</i> , 2016, 375, 66-75.	1.4	97
32	Genetic effects of chronic habitat fragmentation revisited: Strong genetic structure in a temperate tree, <i>Taxus baccata</i> (Taxaceae), with great dispersal capability. <i>American Journal of Botany</i> , 2010, 97, 303-310.	0.8	94
33	Morphological and Molecular Diversity Among Italian Populations of <i>Quercus petraea</i> (Fagaceae). <i>Annals of Botany</i> , 2003, 91, 707-716.	1.4	92
34	High Rates of Gene Flow by Pollen and Seed in Oak Populations across Europe. <i>PLoS ONE</i> , 2014, 9, e85130.	1.1	92
35	Detection of haplotypic variation and natural hybridization in <i>halepensis</i> -complex pine species using chloroplast simple sequence repeat (SSR) markers. <i>Molecular Ecology</i> , 1998, 7, 1633-1643.	2.0	90
36	Comparative phylogeography and population structure of European <i>Betula</i> species, with particular focus on <i>B. pendula</i> and <i>B. pubescens</i> . <i>Journal of Biogeography</i> , 2007, 34, 1601-1610.	1.4	88

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37	Genetic Biodiversity of Italian Olives (<i>Olea europaea</i>) Germplasm Analyzed by SSR Markers. Scientific World Journal, The, 2014, 2014, 1-12.	0.8	87
38	Genetic and Phylogeographic Structures of the Symbiotic Fungus <i>Tuber magnatum</i> . Applied and Environmental Microbiology, 2005, 71, 6584-6589.	1.4	84
39	Putative glacial refugia of <i>Cedrus atlantica</i> deduced from Quaternary pollen records and modern genetic diversity. Journal of Biogeography, 2009, 36, 1361-1371.	1.4	84
40	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 October 2009–30 November 2009. Molecular Ecology Resources, 2010, 10, 404-408.	2.2	84
41	Characterisation and inheritance of polymorphic plastid microsatellites in <i>Abies</i> . Genome, 1997, 40, 857-864.	0.9	81
42	Characterization of microsatellite markers in <i>Fagus sylvatica</i> L. and <i>Fagus orientalis</i> Lipsky. Molecular Ecology Notes, 2003, 3, 76-78.	1.7	81
43	Analysis of spatial genetic structure in an expanding <i>Pinus halepensis</i> population reveals development of fine-scale genetic clustering over time. Molecular Ecology, 2006, 15, 3617-3630.	2.0	79
44	Molecular Proxies for Climate Maladaptation in a Long-Lived Tree (<i>Pinus pinaster</i> Aiton.) <small>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462</small>	1.2	78
45	Genetic variation at chloroplast microsatellites (cpSSRs) in <i>Abies nebrodensis</i> (Lojac.) Mattei and three neighboring <i>Abies</i> species. Theoretical and Applied Genetics, 2001, 102, 733-740.	1.8	72
46	Chloroplast DNA variation of white oaks in Italy. Forest Ecology and Management, 2002, 156, 103-114.	1.4	72
47	Plant phylogeography based on organelle genes: an introduction. , 2007, , 23-97.		72
48	Genetic diversity and differentiation in European beech (<i>Fagus sylvatica</i> L.) stands varying in management history. Forest Ecology and Management, 2007, 247, 98-106.	1.4	71
49	Geography determines genetic relationships between species of mountain pine (<i>Pinus mugo</i>) <small>Tj ETQq1 1 0.784314 rgBT /Over 1.4 71</small>	1.4	71
50	Spatial genetic structure in continuous and fragmented populations of <i>Pinus pinaster</i> Aiton. Molecular Ecology, 2009, 18, 4564-4576.	2.0	69
51	<i>In situ</i> genetic association for serotiny, a fire-related trait, in Mediterranean maritime pine (<i>Pinus pinaster</i>). New Phytologist, 2014, 201, 230-241.	3.5	69
52	Spatial genetic structure of <i>Taxus baccata</i> L. in the western Mediterranean Basin: Past and present limits to gene movement over a broad geographic scale. Molecular Phylogenetics and Evolution, 2010, 55, 805-815.	1.2	67
53	Multispecies genetic structure and hybridization in the <i>Betula</i> genus across Eurasia. Molecular Ecology, 2017, 26, 589-605.	2.0	67
54	Bridging the gap between ecophysiological and genetic knowledge to assess the adaptive potential of European beech. Ecological Modelling, 2008, 216, 333-353.	1.2	66

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55	Patterns of polymorphism resulting from long-range colonization in the Mediterranean conifer Aleppo pine. <i>New Phytologist</i> , 2009, 184, 1016-1028.	3.5	66
56	Genetic diversity and differentiation of two Mediterranean pines (<i>Pinus halepensis</i> Mill. and <i>Pinus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Distributions, 2005, 11, 257-263.	1.9	65
57	Is <i>Cupressus sempervirens</i> native in Italy? An answer from genetic and palaeobotanical data. <i>Molecular Ecology</i> , 2009, 18, 2276-2286.	2.0	65
58	Permanent Genetic Resources added to Molecular Ecology Resources database 1 January 2009â€“30 April 2009. <i>Molecular Ecology Resources</i> , 2009, 9, 1375-1379.	2.2	64
59	Evidence of divergent selection for drought and cold tolerance at landscape and local scales in <i>Abies alba</i> Mill. in the French Mediterranean Alps. <i>Molecular Ecology</i> , 2016, 25, 776-794.	2.0	64
60	The Strait of Gibraltar as a major biogeographic barrier in Mediterranean conifers: a comparative phylogeographic survey. <i>Molecular Ecology</i> , 2010, 19, 5452-5468.	2.0	63
61	Adapting through glacial cycles: insights from a long-lived tree (<i>Taxus baccata</i>). <i>New Phytologist</i> , 2015, 208, 973-986.	3.5	63
62	Allozyme, chloroplast DNA and RAPD markers for determining genetic relationships between <i>Abies alba</i> and the relic population of <i>Abies nebrodensis</i> . <i>Theoretical and Applied Genetics</i> , 1995, 90, 1012-1018.	1.8	61
63	Delineation of genetic zones in the European Norway spruce natural range: preliminary evidence. <i>Molecular Ecology</i> , 2000, 9, 923-934.	2.0	61
64	A RAPD, AFLP and SSR linkage map, and QTL analysis in European beech (<i>Fagus sylvatica</i> L.). <i>Theoretical and Applied Genetics</i> , 2004, 108, 433-441.	1.8	61
65	First insights into the transcriptome and development of new genomic tools of a widespread circum-Mediterranean tree species, <i>Pinus halepensis</i> Mill. <i>Molecular Ecology Resources</i> , 2014, 14, 846-856.	2.2	61
66	Detecting short spatial scale local adaptation and epistatic selection in climate-related candidate genes in European beech (<i>Fagus sylvatica</i>) populations. <i>Molecular Ecology</i> , 2014, 23, 4696-4708.	2.0	61
67	Population estimators or progeny tests: what is the best method to assess null allele frequencies at SSR loci?. <i>Conservation Genetics</i> , 2009, 10, 1343-1347.	0.8	59
68	Genetic stability and uniformity of <i>Foeniculum vulgare</i> Mill. regenerated plants through organogenesis and somatic embryogenesis. <i>Plant Science</i> , 2004, 166, 221-227.	1.7	58
69	Transcriptome versus Genomic Microsatellite Markers: Highly Informative Multiplexes for Genotyping <i>Abies alba</i> Mill. and Congeneric Species. <i>Plant Molecular Biology Reporter</i> , 2014, 32, 750-760.	1.0	57
70	Global to local genetic diversity indicators of evolutionary potential in tree species within and outside forests. <i>Forest Ecology and Management</i> , 2014, 333, 35-51.	1.4	57
71	The eastern part of the Fertile Crescent concealed an unexpected route of olive (<i>Olea europaea</i> L.) differentiation. <i>Annals of Botany</i> , 2017, 119, 1305-1318.	1.4	57
72	Comparison of pollen gene flow among four European beech (<i>Fagus sylvatica</i> L.) populations characterized by different management regimes. <i>Heredity</i> , 2012, 108, 322-331.	1.2	56

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73	Geographic distribution of chloroplast variation in Italian populations of beech (<i>Fagus sylvatica</i> L.). <i>Theoretical and Applied Genetics</i> , 2004, 109, 1-9.	1.8	55
74	Genetic consequences of past climate and human impact on eastern Mediterranean <i>Cedrus libani</i> forests. Implications for their conservation. <i>Conservation Genetics</i> , 2008, 9, 85-95.	0.8	55
75	Introgression from modern hybrid varieties into landrace populations of maize (<i>Zea mays</i> ssp.) <i>Tj ETQq1 1 0,784314 rgBT /Overlock 10 Tf 50 462</i>	2.0	55
76	Variation in chloroplast single-sequence repeats in Portuguese maritime pine (<i>Pinus pinaster</i> Ait.). <i>Theoretical and Applied Genetics</i> , 2001, 102, 97-103.	1.8	54
77	A new set of mono- and dinucleotide chloroplast microsatellites in Fagaceae. <i>Molecular Ecology Notes</i> , 2004, 4, 259-261.	1.7	54
78	Comparative mapping in the Fagaceae and beyond with EST-SSRs. <i>BMC Plant Biology</i> , 2012, 12, 153.	1.6	54
79	Population structure of <i>Cynara cardunculus</i> complex and the origin of the conspecific crops artichoke and cardoon. <i>Annals of Botany</i> , 2013, 112, 855-865.	1.4	54
80	The extent and meaning of hybridization and introgression between Siberian spruce (<i>Picea</i>) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462</i> <i>Molecular Ecology</i> , 2016, 25, 2773-2789.	2.0	54
81	Comparison of direct and indirect genetic methods for estimating seed and pollen dispersal in <i>Fagus sylvatica</i> and <i>Fagus crenata</i> . <i>Forest Ecology and Management</i> , 2010, 259, 2151-2159.	1.4	53
82	A Reference Genome Sequence for the European Silver Fir (<i>Abies alba</i> Mill.): A Community-Generated Genomic Resource. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 2039-2049.	0.8	53
83	Chloroplast microsatellites and mitochondrial nad1 intron 2 sequences indicate congruent phylogenetic relationships among Swiss stone pine (<i>Pinus cembra</i>), Siberian stone pine (<i>Pinus sibirica</i>), and Siberian dwarf pine (<i>Pinus pumila</i>). <i>Molecular Ecology</i> , 2001, 10, 1489-1497.	2.0	52
84	Natural hybridisation between <i>Quercus petraea</i> (Matt.) Liebl. and <i>Quercus pubescens</i> Willd. within an Italian stand as revealed by microsatellite fingerprinting. <i>Plant Biology</i> , 2009, 11, 758-765.	1.8	52
85	Chloroplast microsatellite analysis reveals the presence of population subdivision in Norway spruce (<i>Picea abies</i> K.). <i>Genome</i> , 2000, 43, 68-78.	0.9	52
86	Genetic evidence for a Janzen-Connell recruitment pattern in reproductive offspring of <i>Pinus halepensis</i> trees. <i>Molecular Ecology</i> , 2011, 20, 4152-4164.	2.0	50
87	Genetic resources in maritime pine (<i>Pinus pinaster</i> Aiton): molecular and quantitative measures of genetic variation and differentiation among maternal lineages. <i>Forest Ecology and Management</i> , 2004, 197, 103-115.	1.4	49
88	Molecular genetic diversity of <i>Punica granatum</i> L. (pomegranate) as revealed by microsatellite DNA markers (SSR). <i>Gene</i> , 2012, 493, 105-112.	1.0	49
89	Contrasting patterns of nucleotide diversity for four conifers of Alpine European forests. <i>Evolutionary Applications</i> , 2012, 5, 762-775.	1.5	49
90	Genomic data provide new insights on the demographic history and the extent of recent material transfers in Norway spruce. <i>Evolutionary Applications</i> , 2019, 12, 1539-1551.	1.5	49

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91	Standardizing for microsatellite length in comparisons of genetic diversity. <i>Molecular Ecology</i> , 2005, 14, 885-890.	2.0	48
92	Assessing the genetic divergence of <i>Pinus leucodermis</i> Ant. endangered populations: use of molecular markers for conservation purposes. <i>Theoretical and Applied Genetics</i> , 1997, 95, 1138-1146.	1.8	47
93	Adaptive evolution of Mediterranean pines. <i>Molecular Phylogenetics and Evolution</i> , 2013, 68, 555-566.	1.2	46
94	Effects of seed dispersal, adult tree and seedling density on the spatial genetic structure of regeneration at fine temporal and spatial scales. <i>Tree Genetics and Genomes</i> , 2011, 7, 37-48.	0.6	45
95	Postglacial recolonization routes for <i>Picea abies</i> K. in Italy as suggested by the analysis of sequence-characterized amplified region (SCAR) markers. <i>Molecular Ecology</i> , 2000, 9, 699-708.	2.0	44
96	Variation in the chloroplast DNA of Swiss stone pine (<i>Pinus cembra</i> L.) reflects contrasting postglacial history of populations from the Carpathians and the Alps. <i>Journal of Biogeography</i> , 2009, 36, 1798-1806.	1.4	44
97	Identification and characterization of nuclear microsatellite loci in <i>Abies alba</i> Mill.. <i>Molecular Ecology Notes</i> , 2006, 6, 374-376.	1.7	43
98	The influence of forest management on beech (<i>Fagus sylvatica</i> L.) stand structure and genetic diversity. <i>Forest Ecology and Management</i> , 2012, 284, 34-44.	1.4	43
99	Allozyme and chloroplast DNA variation in Italian and Greek populations of <i>Pinus leucodermis</i> . <i>Heredity</i> , 1994, 73, 284-290.	1.2	41
100	Clinal Variation at Phenology-Related Genes in Spruce: Parallel Evolution in <i>FTL2</i> and <i>Gigantea</i> ?. <i>Genetics</i> , 2014, 197, 1025-1038.	1.2	41
101	Analysis of Hypervariable Chloroplast Microsatellites in <i>Pinus halepensis</i> Reveals a Dramatic Genetic Bottleneck. , 1998, , 407-412.		41
102	Development of microsatellite markers in <i>Abies nordmanniana</i> (Stev.) Spach and cross-species amplification in the <i>Abies</i> genus. <i>Molecular Ecology Notes</i> , 2005, 5, 784-787.	1.7	40
103	Introgressive Hybridization in <i>Pinus montezumae</i> Lamb and <i>Pinus pseudostrobus</i> Lindl. (Pinaceae): Morphological and Molecular (cpSSR) Evidence. <i>International Journal of Plant Sciences</i> , 2007, 168, 861-875.	0.6	40
104	Spatial vs. temporal effects on demographic and genetic structures: the roles of dispersal, masting and differential mortality on patterns of recruitment in <i>Fagus sylvatica</i> . <i>Molecular Ecology</i> , 2011, 20, 1997-2010.	2.0	40
105	Large-scale phylogeography of the disjunct Neotropical tree species <i>Schizobolium parahyba</i> (Fabaceae-Caesalpinioideae). <i>Molecular Phylogenetics and Evolution</i> , 2012, 65, 174-182.	1.2	40
106	Microsatellite markers for <i>Pinus pinaster</i> Ait.. <i>Annals of Forest Science</i> , 2001, 58, 203-206.	0.8	39
107	Isolation and characterization of polymorphic nuclear microsatellite loci in <i>Taxus baccata</i> L.. <i>Conservation Genetics</i> , 2008, 9, 1665-1668.	0.8	39
108	Unexpected scenarios from Mediterranean refugial areas: disentangling complex demographic dynamics along the Apennine distribution of silver fir. <i>Journal of Biogeography</i> , 2017, 44, 1547-1558.	1.4	38

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109	Phylogeography of a species complex of lowland Neotropical rain forest trees (<i>Carapa</i>), Tj ETQq1 1 0.784314 rgBT /Overlock 101	1.4	36
110	Nucleotide diversity and linkage disequilibrium at 58 stress response and phenology candidate genes in a European beech (<i>Fagus sylvatica</i> L.) population from southeastern France. <i>Tree Genetics and Genomes</i> , 2014, 10, 15-26.	0.6	36
111	Selection against inbreds in early life-cycle phases in <i>Pinus leucodermis</i> Ant.. <i>Heredity</i> , 1993, 70, 622-627.	1.2	34
112	High genetic diversity with moderate differentiation in <i>Juniperus excelsa</i> from Lebanon and the eastern Mediterranean region. <i>AoB PLANTS</i> , 2011, 2011, plr003.	1.2	34
113	Local Adaptation in European Firs Assessed through Extensive Sampling across Altitudinal Gradients in Southern Europe. <i>PLoS ONE</i> , 2016, 11, e0158216.	1.1	34
114	High genetic variation in marginal fragmented populations at extreme climatic conditions of the Patagonian Cypress <i>Austrocedrus chilensis</i> . <i>Molecular Phylogenetics and Evolution</i> , 2010, 54, 941-949.	1.2	32
115	Novel polymorphic nuclear microsatellite markers for <i>Pinus sylvestris</i> L.. <i>Conservation Genetics Resources</i> , 2012, 4, 231-234.	0.4	31
116	Cryptic species and phylogeographical structure in the tree <i>Cedrela odorata</i> L. throughout the Neotropics. <i>Journal of Biogeography</i> , 2013, 40, 732-746.	1.4	31
117	Title is missing!. <i>Conservation Genetics</i> , 2002, 3, 145-153.	0.8	30
118	Population genetic structure of the relict Serbian spruce, <i>Picea omorika</i> , inferred from plastid DNA. <i>Plant Systematics and Evolution</i> , 2008, 271, 1-7.	0.3	30
119	Forests at the limit: evolutionary " genetic consequences of environmental changes at the receding (xeric) edge of distribution. Report from a research workshop. <i>Annals of Forest Science</i> , 2009, 66, 800-800.	0.8	29
120	Development and characterization of SSR markers for pomegranate (<i>Punica granatum</i> L.) using an enriched library. <i>Conservation Genetics Resources</i> , 2010, 2, 283-285.	0.4	28
121	Within-Population Genetic Structure in Beech (<i>Fagus sylvatica</i> L.) Stands Characterized by Different Disturbance Histories: Does Forest Management Simplify Population Substructure?. <i>PLoS ONE</i> , 2013, 8, e73391.	1.1	28
122	Characterization of highly polymorphic nuclear microsatellite loci in <i>Juniperus communis</i> L.. <i>Molecular Ecology Notes</i> , 2006, 6, 346-348.	1.7	27
123	Gradual decline in genetic diversity in Swiss stone pine populations (<i>Pinus cembra</i>) across Switzerland suggests postglacial re-colonization into the Alps from a common eastern glacial refugium. <i>Botanica Helvetica</i> , 2009, 119, 13-22.	1.1	27
124	Characterization of variable EST SSR markers for Norway spruce (<i>Picea abies</i> L.). <i>BMC Research Notes</i> , 2011, 4, 401.	0.6	27
125	Increased fire frequency promotes stronger spatial genetic structure and natural selection at regional and local scales in <i>Pinus halepensis</i> Mill. <i>Annals of Botany</i> , 2017, 119, 1061-1072.	1.4	27
126	Micro- and Macro-Geographic Scale Effect on the Molecular Imprint of Selection and Adaptation in Norway Spruce. <i>PLoS ONE</i> , 2014, 9, e115499.	1.1	27

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127	Chloroplast microsatellite variation in <i>Abies nordmanniana</i> and simulation of causes for low differentiation among populations. <i>Tree Genetics and Genomes</i> , 2005, 1, 116-123.	0.6	26
128	Imprints of glacial refugia in the modern genetic diversity of <i>Pinus sylvestris</i> . <i>Global Ecology and Biogeography</i> , 2006, 15, 271-282.	2.7	26
129	Development and characterization of eight polymorphic microsatellite loci from <i>Pistacia lentiscus</i> L. (Anacardiaceae). <i>Molecular Ecology Resources</i> , 2008, 8, 904-906.	2.2	26
130	High genetic diversity and distinct origin of recently fragmented Scots pine (<i>Pinus sylvestris</i> L.) populations along the Carpathians and the Pannonian Basin. <i>Tree Genetics and Genomes</i> , 2017, 13, 1.	0.6	26
131	Amazon diversification and cross-Andean dispersal of the widespread Neotropical tree species <i>Jacaranda copaia</i> (Bignoniaceae). <i>Journal of Biogeography</i> , 2013, 40, 707-719.	1.4	25
132	Genomic exploration and molecular marker development in a large and complex conifer genome using RADseq and mRNAseq. <i>Molecular Ecology Resources</i> , 2015, 15, 601-612.	2.2	25
133	Genetic diversity and phylogeographic analysis of <i>Pinus leiophylla</i> : a post-glacial range expansion. <i>Journal of Biogeography</i> , 2009, 36, 1807-1820.	1.4	24
134	Recent population decline and selection shape diversity of taxol-related genes. <i>Molecular Ecology</i> , 2012, 21, 3006-3021.	2.0	24
135	Fine- and local- scale genetic structure of <i>Dysoxylum malabaricum</i> , a late-successional canopy tree species in disturbed forest patches in the Western Ghats, India. <i>Conservation Genetics</i> , 2017, 18, 1-15.	0.8	24
136	Genomic and phenotypic divergence unveil microgeographic adaptation in the Amazonian hyperdominant tree <i>Eperua falcata</i> Aubl. (Fabaceae). <i>Molecular Ecology</i> , 2021, 30, 1136-1154.	2.0	24
137	Inferring selection in instances of long-range colonization: The Aleppo pine (<i>Pinus halepensis</i>) in the Mediterranean Basin. <i>Molecular Ecology</i> , 2018, 27, 3331-3345.	2.0	22
138	A multiscale approach to detect selection in nonmodel tree species: Widespread adaptation despite population decline in <i>Taxus baccata</i> L. <i>Evolutionary Applications</i> , 2020, 13, 143-160.	1.5	22
139	Isolation and characterization of nuclear microsatellite loci in <i>Pinus pinaster</i> Ait. <i>Molecular Ecology Notes</i> , 2005, 5, 57-59.	1.7	21
140	Habitat features and genetic integrity of wild grapevine <i>Vitis vinifera</i> L. subsp. <i>sylvestris</i> (C.C. Gmel.) Hegi populations: A case study from Sicily. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2013, 208, 538-548.	0.6	21
141	Polygenic adaptation and negative selection across traits, years and environments in a long-lived plant species <i>Pinus pinaster</i> Ait., Pinaceae). <i>Molecular Ecology</i> , 2022, 31, 2089-2105.	2.0	21
142	Halfway encounters: Meeting points of colonization routes among the southern beeches <i>Nothofagus pumilio</i> and <i>N. antarctica</i> . <i>Molecular Phylogenetics and Evolution</i> , 2015, 85, 197-207.	1.2	20
143	Hyrcanian forests' Stable rear-edge populations harbouring high genetic diversity of <i>Fraxinus excelsior</i> , a common European tree species. <i>Diversity and Distributions</i> , 2018, 24, 1521-1533.	1.9	20
144	Genetic signatures of divergent selection in European beech (<i>Fagus sylvatica</i> L.) are associated with the variation in temperature and precipitation across its distribution range. <i>Molecular Ecology</i> , 2021, 30, 5029-5047.	2.0	20

#	ARTICLE	IF	CITATIONS
145	Maternally and paternally inherited molecular markers elucidate population patterns and inferred dispersal processes on a small scale within a subalpine stand of Norway spruce (<i>Picea abies</i> [L.] Karst.). <i>Forest Ecology and Management</i> , 2008, 255, 3806-3812.	1.4	19
146	Local effects drive heterozygosityâ€“fitness correlations in an outcrossing long-lived tree. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20152230.	1.2	19
147	Differentiation of <i>Seiridium</i> species associated with virulent cankers on cypress in the Mediterranean region by PCR-SSCP. <i>Plant Pathology</i> , 2000, 49, 774-781.	1.2	17
148	Sicily represents the Italian reservoir of chloroplast DNA diversity of <i>Quercus ilex</i> L. (Fagaceae). <i>Annals of Forest Science</i> , 2005, 62, 79-84.	0.8	17
149	Estimating exotic gene flow into native pine stands: zygotic vs. gametic components. <i>Molecular Ecology</i> , 2014, 23, 5435-5447.	2.0	17
150	Estimation of mating system parameters in two Italian natural populations of <i>Fagus sylvatica</i> . <i>Canadian Journal of Forest Research</i> , 1996, 26, 1187-1192.	0.8	16
151	Isolation and characterization of polymorphic nuclear microsatellite loci in <i>Pinus cembra</i> L.. <i>Molecular Ecology Resources</i> , 2009, 9, 858-861.	2.2	16
152	Chloroplast microsatellites reveal that metallicolous populations of the Mediterranean shrub <i>Cistus ladanifer</i> L have multiple origins. <i>Plant and Soil</i> , 2010, 334, 161-174.	1.8	16
153	Aquaporins in the wild: natural genetic diversity and selective pressure in the PIP gene family in five Neotropical tree species. <i>BMC Evolutionary Biology</i> , 2010, 10, 202.	3.2	16
154	Looking for Local Adaptation: Convergent Microevolution in Aleppo Pine (<i>Pinus halepensis</i>). <i>Genes</i> , 2019, 10, 673.	1.0	16
155	Mating system analysis in <i>Pinus leucodermis</i> Ant.: detection of self-fertilization in natural populations. <i>Heredity</i> , 1991, 67, 197-203.	1.2	15
156	Novel polymorphic nuclear microsatellites in <i>Cupressus sempervirens</i> L.. <i>Molecular Ecology Notes</i> , 2005, 5, 393-394.	1.7	15
157	Isolation of microsatellite markers for the common Mediterranean shrub <i>Myrtus communis</i> (Myrtaceae). <i>American Journal of Botany</i> , 2010, 97, e23-5.	0.8	15
158	Recent phylogeographic structure in a widespread â€“weedyâ€™ Neotropical tree species, <i>Cordia alliodora</i> (Boraginaceae). <i>Journal of Biogeography</i> , 2013, 40, 693-706.	1.4	15
159	Effective gene flow in a historically fragmented area at the southern edge of silver fir (<i>Abies alba</i>) Tj ETQq1 1 0.784314 rgBT /Qverlock 15	0.6	15
160	Evolutionary rate and genetic load in an emblematic Mediterranean tree following an ancient and prolonged population collapse. <i>Molecular Ecology</i> , 2020, 29, 4797-4811.	2.0	15
161	Spatiotemporal mating pattern variation in a windâ€“pollinated Mediterranean shrub. <i>Molecular Ecology</i> , 2009, 18, 5195-5206.	2.0	14
162	Nuclear microsatellites for <i>Pinus pinea</i> (Pinaceae), a genetically depauperate tree, and their transferability to <i>P. halepensis</i> . <i>American Journal of Botany</i> , 2012, 99, e362-5.	0.8	14

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163	RAPD-derived, PCR-based mitochondrial markers for <i>Larix</i> species and their usefulness in phylogeny. <i>Conservation Genetics</i> , 2006, 7, 621-625.	0.8	13
164	A landscape genetics approach reveals ecological-based differentiation in populations of holm oak (<i>Quercus ilex</i> L.) at the northern limit of its range. <i>Biological Journal of the Linnean Society</i> , 2012, 107, 458-467.	0.7	13
165	Recent, Late Pleistocene fragmentation shaped the phylogeographic structure of the European black pine (<i>Pinus nigra</i> Arnold). <i>Tree Genetics and Genomes</i> , 2019, 15, 1.	0.6	13
166	Using reduced representation libraries sequencing methods to identify cpDNA polymorphisms in European beech (<i>Fagus sylvatica</i> L.). <i>Tree Genetics and Genomes</i> , 2019, 15, 1.	0.6	13
167	Molecular and Quantitative Genetics of Stone Pine (<i>Pinus pinea</i>). <i>Sustainable Development and Biodiversity</i> , 2019, , 61-84.	1.4	13
168	Genetic diversity and differentiation of <i>Fagus orientalis</i> Lipsky in Hyrcanian forests revealed by nuclear and chloroplast microsatellite markers. <i>Conservation Genetics</i> , 2010, 11, 2321-2331.	0.8	12
169	The effect of silvicultural management on the genetic diversity of a mixed <i>Nothofagus</i> forest in Lan�n Natural Reserve, Argentina. <i>Forest Ecology and Management</i> , 2016, 363, 11-20.	1.4	12
170	Chloroplast DNA phylogeography of the shrub <i>Cistus ladanifer</i> L. (Cistaceae) in the highly diverse Western Mediterranean region. <i>Plant Biology</i> , 2011, 13, 391-400.	1.8	11
171	Genetic structure in the <i>Genista ephedroides</i> complex (Fabaceae) and implications for its present distribution. <i>Botanical Journal of the Linnean Society</i> , 2015, 177, 607-618.	0.8	11
172	Assessing early fitness consequences of exotic gene flow in the wild: a field study with Iberian pine relicts. <i>Evolutionary Applications</i> , 2016, 9, 367-380.	1.5	11
173	Mid-Pleistocene and Holocene demographic fluctuation of Scots pine (<i>Pinus sylvestris</i> L.) in the Carpathian Mountains and the Pannonian Basin: Signs of historical expansions and contractions. <i>Quaternary International</i> , 2019, 504, 202-213.	0.7	11
174	Fine-scale spatial genetic structure across the species range reflects recent colonization of high elevation habitats in silver fir (<i>Abies alba</i> Mill.). <i>Molecular Ecology</i> , 2021, 30, 5247-5265.	2.0	11
175	Genetic diversity and divergence at the <i>Arbutus unedo</i> L. (Ericaceae) westernmost distribution limit. <i>PLoS ONE</i> , 2017, 12, e0175239.	1.1	11
176	Cross transferability of SSRs to five species of Araucariaceae: a useful tool for population genetic studies in <i>Araucaria araucana</i> . <i>Forest Systems</i> , 2011, 20, 303.	0.1	11
177	Individual reproductive success in Norway spruce natural populations depends on growth rate, age and sensitivity to temperature. <i>Heredity</i> , 2020, 124, 685-698.	1.2	10
178	Evolutionary relevance of lineages in the European black pine (<i>Pinus nigra</i>) in the transcriptomic era. <i>Tree Genetics and Genomes</i> , 2020, 16, 1.	0.6	10
179	NUCLEAR MICROSATELLITES REVEAL CONTRASTING PATTERNS OF GENETIC STRUCTURE BETWEEN WESTERN AND SOUTHEASTERN EUROPEAN POPULATIONS OF THE COMMON ASH (<i>FRAXINUS EXCELSIOR</i> L.). <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 976.	1.1	9
180	Isolation of SSR markers for two African tropical tree species, <i>Erythrophleum suaveolens</i> and <i>E. ivorense</i> (Caesalpinioideae). <i>American Journal of Botany</i> , 2011, 98, e106-8.	0.8	9

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181	Logging by selective extraction of best trees: Does it change patterns of genetic diversity? The case of <i>Nothofagus pumilio</i> . <i>Forest Ecology and Management</i> , 2016, 373, 81-92.	1.4	9
182	A New Set of Nuclear Microsatellites for an Ecologically and Economically Important Conifer: the European Black Pine (<i>Pinus nigra</i> Arn.). <i>Plant Molecular Biology Reporter</i> , 2017, 35, 379-388.	1.0	8
183	De novo assembly of English yew (<i>Taxus baccata</i>) transcriptome and its applications for intra- and inter-specific analyses. <i>Plant Molecular Biology</i> , 2018, 97, 337-345.	2.0	8
184	Molecular evidence for the natural production of homozygous <i>Cupressus sempervirens</i> L. lines by <i>Cupressus dupreziana</i> seed trees. <i>Heredity</i> , 2010, 104, 185-190.	1.2	7
185	A sample view of the pedunculate oak (<i>Quercus robur</i>) genome from the sequencing of hypomethylated and random genomic libraries. <i>Tree Genetics and Genomes</i> , 2011, 7, 1277-1285.	0.6	7
186	Portuguese <i>Pinus nigra</i> J.F. Arnold populations: genetic diversity, structure and relationships inferred by SSR markers. <i>Annals of Forest Science</i> , 2020, 77, 1.	0.8	7
187	Evolutionary history of the mediterranean <i>Pinus halepensis-brutia</i> species complex using gene-resequencing and transcriptomic approaches. <i>Plant Molecular Biology</i> , 2021, 106, 367-380.	2.0	7
188	Genomic Resources Notes Accepted 1 October 2014-30 November 2014. <i>Molecular Ecology Resources</i> , 2015, 15, 458-459.	2.2	6
189	Tracking the origin of silver fir plantations along the boundary between different genetic clusters in central Apennines: Implications for their management. <i>Forest Ecology and Management</i> , 2018, 408, 220-227.	1.4	6
190	A comprehensive, genus-level time-calibrated phylogeny of the tree flora of Mediterranean Europe and an assessment of its vulnerability. <i>Botany Letters</i> , 2020, 167, 276-289.	0.7	6
191	Staying close: short local dispersal distances on a managed forest of two Patagonian <i>Nothofagus</i> species. <i>Forestry</i> , 2020, 93, 652-661.	1.2	6
192	Eight novel microsatellite DNA markers in <i>Rhodiola rosea</i> L.. <i>Conservation Genetics</i> , 2009, 10, 1397-1399.	0.8	5
193	Development of highly polymorphic tetranucleotide microsatellite markers in <i>Austrocedrus chilensis</i> . <i>Molecular Ecology Resources</i> , 2008, 8, 887-889.	2.2	3
194	Microsatellite loci isolated from the tropical tree <i>Hymenaea courbaril</i> L. (Fabaceae). <i>Molecular Ecology Resources</i> , 2008, 8, 1020-1022.	2.2	3
195	Characterization of new microsatellite loci isolated from <i>Santiria trimera</i> (Burseraeae). <i>American Journal of Botany</i> , 2012, 99, e334-6.	0.8	3
196	The GenTree Platform: growth traits and tree-level environmental data in 12 European forest tree species. <i>GigaScience</i> , 2021, 10, .	3.3	3
197	High pollen immigration but no gene flow via-seed into a Genetic Conservation Unit of the endangered <i>Picea omorika</i> after disturbance. <i>Forest Ecology and Management</i> , 2022, 510, 120115.	1.4	3
198	Absence of Geographic Structure in European Populations of <i>Rubus fruticosus</i> L. Complex Using Chloroplast DNA Microsatellites. <i>Journal of the American Society for Horticultural Science</i> , 2006, 131, 616-621.	0.5	2

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199	Polymorphic microsatellite markers in the Neotropical forest tree <i>Minquartia guianensis</i> Aubl. (Olacaceae). <i>Conservation Genetics Resources</i> , 2010, 2, 185-187.	0.4	1
200	Population Genetics and Genomics of Aleppo Pine (<i>Pinus halepensis</i>). <i>Managing Forest Ecosystems</i> , 2021, , 19-32.	0.4	1
201	Imprints of selection in peripheral and ecologically marginal central-eastern European Scots pine populations. <i>Gene</i> , 2021, 779, 145509.	1.0	0