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List of Publications by Year
in descending order

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79 papers	2,038 citations	361413 20 h-index	276875 41 g-index
82 all docs	82 docs citations	82 times ranked	3686 citing authors

#	Article	IF	Citations
1	The GenTree Dendroecological Collection, tree-ring and wood density data from seven tree species across Europe. Scientific Data, 2020, 7, 1.	5.3	830
2	Genetic effects of forest management practices: Global synthesis and perspectives. Forest Ecology and Management, 2014, 333, 52-65.	3.2	102
3	Evolution-based approach needed for the conservation and silviculture of peripheral forest tree populations. Forest Ecology and Management, 2016, 375, 66-75.	3.2	97
4	Detecting interspecific and geographic differentiation patterns in two interfertile oak species (Quercus petraea (Matt.) Liebl. and Q. robur L.) using small sets of microsatellite markers. Forest Ecology and Management, 2010, 259, 2026-2035.	3.2	68
5	Global to local genetic diversity indicators of evolutionary potential in tree species within and outside forests. Forest Ecology and Management, 2014, 333, 35-51.	3.2	57
6	Breeding of fast growing forest tree species for biomass production in Greece. Biomass and Bioenergy, 2010, 34, 1531-1537.	5.7	38
7	Genetic monitoring in natural perennial plant populations. Botany, 2011, 89, 75-81.	1.0	38
8	Conservation and Monitoring of Tree Genetic Resources in Temperate Forests. Current Forestry Reports, 2016, 2, 119-129.	7.4	38
9	Global DNA methylation changes in Cucurbitaceae inter-species grafting. Crop Breeding and Applied Biotechnology, 2015, 15, 112-116.	0.4	33
10	Forest genetic monitoring: an overview of concepts and definitions. Environmental Monitoring and Assessment, 2016, 188, 493.	2.7	33
11	Assessment of Genetic Diversity and Population Genetic Structure of Norway Spruce (Picea abies (L.)) Tj ETQq1 1 0.784314 rgBT /Ove Resources. Forests, 2019, 10, 258.	2.1	32
12	Molecular identification of Greek olive(Olea europaea) cultivars based on microsatellite loci. Genetics and Molecular Research, 2010, 9, 1865-1876.	0.2	30
13	Taxonomic Identification of Mediterranean Pines and Their Hybrids Based on the High Resolution Melting (HRM) and trnL Approaches: From Cytoplasmic Inheritance to Timber Tracing. PLoS ONE, 2013, 8, e60945.	2.5	30
14	Geneti|c diversity of superior Salix clones selected for intensive forestry plantations. Biomass and Bioenergy, 1999, 16, 249-255.	5.7	28
15	Is the genetic diversity of small scattered forest tree populations at the southern limits of their range more prone to stochastic events? A wild cherry case study by microsatellite-based markers. Tree Genetics and Genomes, 2011, 7, 1299-1313.	1.6	27
16	Whole genome re-sequencing of sweet cherry (Prunus avium L.) yields insights into genomic diversity of a fruit species. Horticulture Research, 2020, 7, 60.	6.3	27
17	Do Silviculture and Forest Management Affect the Genetic Diversity and Structure of Long-Impacted Forest Tree Populations?. Forests, 2018, 9, 355.	2.1	26
18	Interfertile oaks in an island environment. II. Limited hybridization between Quercus alnifolia Poech and Q. coccifera L. in a mixed stand. European Journal of Forest Research, 2011, 130, 623-635.	2.5	25

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19	Diversity of morpho-physiological traits in worldwide sweet cherry cultivars of GeneBank collection using multivariate analysis. Scientia Horticulturae, 2015, 197, 381-391.	3.6	25
20	Beyond population genetics: natural epigenetic variation in wild cherry (Prunus avium). Tree Genetics and Genomes, 2015, 11, 1.	1.6	24
21	A draft genome of sweet cherry (Prunus avium L.) reveals genomeâ€wide and local effects of domestication. Plant Journal, 2020, 103, 1420-1432.	5.7	23
22	Determination of epigenetic inheritance, genetic inheritance, and estimation of genome DNA methylation in a full-sib family of Cupressus sempervirens L.. Gene, 2015, 562, 180-187.	2.2	21
23	DNA fingerprinting of elite Greek wild cherry (Prunus avium L.) genotypes using microsatellite markers. Forestry, 2010, 83, 527-533.	2.3	20
24	Interfertile oaks in an island environment: I. High nuclear genetic differentiation and high degree of chloroplast DNA sharing between Q. alnifolia and Q. coccifera in Cyprus. A multipopulation study. European Journal of Forest Research, 2011, 130, 543-555.	2.5	20
25	Morphological Differentiation and Hybridization between Quercus alnifolia Poech and Quercus coccifera L. (Fagaceae) in Cyprus. Silvae Genetica, 2007, 56, 271-277.	0.8	17
26	The Interplay between Forest Management Practices, Genetic Monitoring, and Other Long-Term Monitoring Systems. Forests, 2018, 9, 133.	2.1	17
27	Î™ntra-species grafting induces epigenetic and metabolic changes accompanied by alterations in fruit size and shape of Cucurbita pepo L.. Plant Growth Regulation, 2019, 87, 93-108.	3.4	17
28	Mediterranean basin Ficus carica L.: from genetic diversity and structure to authentication of a Protected Designation of Origin cultivar using microsatellite markers. Trees - Structure and Function, 2015, 29, 1959-1971.	1.9	16
29	Morpho-physiological diversity in the collection of sour cherry (Prunus cerasus) cultivars of the Fruit Genebank in Naoussa, Greece using multivariate analysis. Scientia Horticulturae, 2016, 207, 225-232.	3.6	15
30	Evolutionary rate and genetic load in an emblematic Mediterranean tree following an ancient and prolonged population collapse. Molecular Ecology, 2020, 29, 4797-4811.	3.9	15
31	Heterozygosity and biomass production in Salix eriocephala. Heredity, 1998, 81, 396-403.	2.6	13
32	Genome and population dynamics under selection and neutrality: an example of S-allele diversity in wild cherry (Prunus avium L.). Tree Genetics and Genomes, 2012, 8, 1181-1190.	1.6	13
33	Genetic diversity of Thymus sibthorpii Bentham in mountainous natural grasslands of Northern Greece as related to local factors and plant community structure. Industrial Crops and Products, 2018, 111, 651-659.	5.2	13
34	Phenotypic and molecular characterization of apple (Malus Ã— domestica Borkh) genetic resources in Greece. Scientia Agricola, 2018, 75, 509-518.	1.2	13
35	Genetic Analysis by nuSSR Markers of Silver Birch (Betula pendula Roth) Populations in Their Southern European Distribution Range. Frontiers in Plant Science, 2020, 11, 310.	3.6	13
36	Assessing inter- and intra-cultivar variation in Greek Prunus avium by SSR markers. Plant Genetic Resources: Characterisation and Utilisation, 2010, 8, 242-248.	0.8	11

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37	Genetic differentiation and gene flow between wild and cultivatedPrunus avium: An analysis of molecular genetic evidence at a regional scale. Plant Biosystems, 2013, 147, 678-685.	1.6	11
38	Genetics to the rescue: managing forests sustainably in a changing world. Tree Genetics and Genomes, 2020, 16, 1.	1.6	11
39	The GenTree Leaf Collection: Interâ€•and intraspecific leaf variation in seven forest tree species in Europe. Global Ecology and Biogeography, 2021, 30, 590-597.	5.8	11
40	Linkage mapping of the Mediterranean cypress, Cupressus sempervirens, based on molecular and morphological markers. Genetics and Molecular Research, 2011, 10, 1891-1909.	0.2	9
41	Genetic structure of Pinus brutia stands exposed to wild fires. Plant Ecology, 2004, 171, 175-183.	1.6	8
42	Population and Conservation Genomics in Forest and Fruit Trees. Advances in Botanical Research, 2015, , 125-155.	1.1	8
43	Artificial hybridization between Robinia pseudoacacia L. and R. pseudoacacia var. monophylla Carr.. Forestry, 2008, 81, 91-101.	2.3	7
44	Evidence of extensive positive selection acting on cherry (Prunus avium L.) resistance gene analogs (RGAs). Australian Journal of Crop Science, 2016, 10, 1324-1329.	0.3	7
45	DNA fingerprinting willows(SalixL.) using polymerase chain reaction with the M13 universal primer. Scandinavian Journal of Forest Research, 1995, 10, 27-31.	1.4	6
46	Conservation of Nuclear SSR Loci Reveals High Affinity of Quercus infectoria ssp. veneris A. Kern (Fagaceae) to Section Robur. Plant Molecular Biology Reporter, 2008, 26, 133-141.	1.8	6
47	Mediterranean Islands Hosting Marginal and Peripheral Forest Tree Populations: The Case of Pinus brutia Ten. in Cyprus. Forests, 2018, 9, 514.	2.1	6
48	Phenotypic, Genetic, and Epigenetic Variation among Diverse Sweet Cherry Gene Pools. Agronomy, 2021, 11, 680.	3.0	6
49	ConservePlants: An integrated approach to conservation of threatened plants for the 21st Century. Research Ideas and Outcomes, 0, 7, .	1.0	6
50	Genetic relationship between Salix exigua and other North American willows (Salix L.): Evidence from allozyme variation. Biochemical Systematics and Ecology, 1995, 23, 767-771.	1.3	5
51	Absence of association between heterozygosity and biomass production in Salix exigua Nutt. Theoretical and Applied Genetics, 2000, 100, 1203-1208.	3.6	5
52	Towards sweet cherry (Prunus avium L.) breeding: phenotyping evaluation of newly developed hybrids. Euphytica, 2018, 214, 1.	1.2	5
53	Inheritance of Isozymes in Salix eriocephala Michx. Journal of Heredity, 1994, 85, 381-388.	2.4	4
54	Microsatellite high-resolution melting (SSR-HRM) analysis for identification of sweet cherry rootstocks in Greece. Plant Genetic Resources: Characterisation and Utilisation, 2014, 12, 160-163.	0.8	4

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55	Crossing the Mid-Aegean Trench: vicariant evolution of the Eastern pine processionary moth, Thaumetopoea wilkinsoni (Lepidoptera: Notodontidae), in Crete. Biological Journal of the Linnean Society, 2018, 124, 228-236.	1.6	4
56	Dataset of Targeted Metabolite Analysis for Five Taxanes of Hellenic Taxus baccata L. Populations. Data, 2020, 5, 22.	2.3	4
57	EVALUATION OF SELECTED EUROPEAN CHESTNUT (CASTANEA SATIVA) PROVENANCES - I: INTER-PROVENANCE GENETIC VARIATION. Acta Horticulturae, 2010, , 203-213.	0.2	4
58	EVALUATION OF SELECTED EUROPEAN CHESTNUT (CASTANEA SATIVA) PROVENANCES - II: INTRA-PROVENANCE FAMILY VARIATION. Acta Horticulturae, 2010, , 215-224.	0.2	4
59	In silico analysis of the LRR receptor-like serine threonine kinases subfamily in Morus notabilis. Plant OMICS, 2016, 9, 319-326.	0.4	4
60	A comparative fluctuating asymmetry study between two walnut (Juglans regia L.) populations may contribute as an early signal for bio-monitoring. IForest, 2010, 3, 150-152.	1.4	3
61	The GenTree Platform: growth traits and tree-level environmental data in 12 European forest tree species. GigaScience, 2021, 10, .	6.4	3
62	Genetic Characterisation of Chestnut Cultivars in Crete. Forests, 2021, 12, 1659.	2.1	3
63	Growth-allometry relations in Salix species and families, having different tree form and being under different mating design. Forestry Chronicle, 1993, 69, 717-720.	0.6	2
64	Molecular Markers as Probes in Screening Genetic Diversity and Gene Pool Sustainability in Salix Intensive Forestry. Journal of Sustainable Forestry, 1994, 1, 1-7.	1.4	2
65	Inheritance and Linkage of Isozyme Loci in the Basket Willow (Salix viminalis L.). Journal of Heredity, 1997, 88, 144-150.	2.4	2
66	Linkage and QTL mapping in Cupressus sempervirens L. provides the first detailed genetic map of the species and identifies a QTLassociated with crown form. Tree Genetics and Genomes, 2017, 13, 1.	1.6	2
67	State of Biodiversity and Forest Genetic Resources in Greece in Relation to Conservation. Advances in Global Change Research, 2019, , 73-83.	1.6	2
68	Genomics Opportunities and Breeding Strategies Towards Improvement of Climate-Smart Traits and Disease Resistance Against Pathogens in Sweet Cherry. , 2020, , 385-404.		2
69	Adaptive response of Pinus monticola driven by positive selection upon resistance gene analogs (RGAs) of the TIR-NBS-LRR subfamily. IForest, 2017, 10, 237-241.	1.4	2
70	Micropropagation of Elite Genotypes of Castanea Sativa (MILL.). Journal of Advances in Biotechnology, 2014, 3, 200-209.	0.1	1
71	Selection Strategy for Chestnut (<i>Castanea sativa</i> Mill.) Families Originating from Contrasting European Populations. Open Journal of Forestry, 2015, 05, 489-499.	0.3	1
72	Ex Situ Conservation of Forest Genetic Resources in Greece. Advances in Global Change Research, 2019, , 291-301.	1.6	1

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73	Conserving Biodiversity and Plant Genetic Resources: The Hellenic Legal Framework. Advances in Global Change Research, 2019, , 141-148.	1.6	0
74	GENETIC DIVERSITY OF INTENSIVELY AND EXTENSIVELY MANAGED CHESTNUT (CASTANEA SATIVA) ORCHARDS IN GREECE. Acta Horticulturae, 2010, , 121-126.	0.2	0
75	First Report of an Arbuscular Mycorrhizal Fungus Funneliformis mosseae Associated with Thuja plicata in an Ectomycorrhizal Forest in Greece. International Journal of Phytopathology, 2016, 5, 53-53.	0.5	0
76	From Nature Conservation to Dynamic Genetic Conservation: The Hellenic Case. Advances in Global Change Research, 2019, , 207-216.	1.6	0
77	Overview on Forest Genetic Monitoring (FGM) Including Case Studies on FGM for Two Species from Greece. Advances in Global Change Research, 2019, , 401-407.	1.6	0
78	Climate Change Impacts on the Genetics of Post-Fire Regeneration and Reproductive Phenology. Advances in Global Change Research, 2019, , 449-457.	1.6	0
79	Obituary - Professor Kostas Panetsos (1930-2018). Silvae Genetica, 2019, 68, 79-80.	0.8	0