

Filippos A Aravanopoulos

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

2,038
citations

361413
20
h-index

276875
41
g-index

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all docs

82
docs citations

82
times ranked

3686
citing authors

#	ARTICLE	IF	CITATIONS
1	The GenTree Leaf Collection: Inter- and intraspecific leaf variation in seven forest tree species in Europe. <i>Global Ecology and Biogeography</i> , 2021, 30, 590-597.	5.8	11
2	The GenTree Platform: growth traits and tree-level environmental data in 12 European forest tree species. <i>GigaScience</i> , 2021, 10, .	6.4	3
3	Phenotypic, Genetic, and Epigenetic Variation among Diverse Sweet Cherry Gene Pools. <i>Agronomy</i> , 2021, 11, 680.	3.0	6
4	Genetic Characterisation of Chestnut Cultivars in Crete. <i>Forests</i> , 2021, 12, 1659.	2.1	3
5	The GenTree Dendroecological Collection, tree-ring and wood density data from seven tree species across Europe. <i>Scientific Data</i> , 2020, 7, 1.	5.3	830
6	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.	3.9	15
7	Genetics to the rescue: managing forests sustainably in a changing world. <i>Tree Genetics and Genomes</i> , 2020, 16, 1.	1.6	11
8	Whole genome re-sequencing of sweet cherry (<i>Prunus avium</i> L.) yields insights into genomic diversity of a fruit species. <i>Horticulture Research</i> , 2020, 7, 60.	6.3	27
9	A draft genome of sweet cherry (<i>Prunus avium</i> L.) reveals genome-wide and local effects of domestication. <i>Plant Journal</i> , 2020, 103, 1420-1432.	5.7	23
10	Dataset of Targeted Metabolite Analysis for Five Taxanes of Hellenic <i>Taxus baccata</i> L. Populations. <i>Data</i> , 2020, 5, 22.	2.3	4
11	Genomics Opportunities and Breeding Strategies Towards Improvement of Climate-Smart Traits and Disease Resistance Against Pathogens in Sweet Cherry. , 2020, , 385-404.		2
12	Genetic Analysis by nuSSR Markers of Silver Birch (<i>Betula pendula</i> Roth) Populations in Their Southern European Distribution Range. <i>Frontiers in Plant Science</i> , 2020, 11, 310.	3.6	13
13	Assessment of Genetic Diversity and Population Genetic Structure of Norway Spruce (<i>Picea abies</i> (L.) Tj ETQq1 1 0.784314 rgBT /Over Resources. <i>Forests</i> , 2019, 10, 258.	2.1	32
14	Conserving Biodiversity and Plant Genetic Resources: The Hellenic Legal Framework. <i>Advances in Global Change Research</i> , 2019, , 141-148.	1.6	0
15	State of Biodiversity and Forest Genetic Resources in Greece in Relation to Conservation. <i>Advances in Global Change Research</i> , 2019, , 73-83.	1.6	2
16	Î™ntra-species grafting induces epigenetic and metabolic changes accompanied by alterations in fruit size and shape of <i>Cucurbita pepo</i> L.. <i>Plant Growth Regulation</i> , 2019, 87, 93-108.	3.4	17
17	From Nature Conservation to Dynamic Genetic Conservation: The Hellenic Case. <i>Advances in Global Change Research</i> , 2019, , 207-216.	1.6	0
18	Overview on Forest Genetic Monitoring (FGM) Including Case Studies on FGM for Two Species from Greece. <i>Advances in Global Change Research</i> , 2019, , 401-407.	1.6	0

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19	Climate Change Impacts on the Genetics of Post-Fire Regeneration and Reproductive Phenology. <i>Advances in Global Change Research</i> , 2019, , 449-457.	1.6	0
20	Ex Situ Conservation of Forest Genetic Resources in Greece. <i>Advances in Global Change Research</i> , 2019, , 291-301.	1.6	1
21	Obituary - Professor Kostas Panetsos (1930-2018). <i>Silvae Genetica</i> , 2019, 68, 79-80.	0.8	0
22	Crossing the Mid-Aegean Trench: vicariant evolution of the Eastern pine processionary moth, <i>Thaumetopoea wilkinsoni</i> (Lepidoptera: Notodontidae), in Crete. <i>Biological Journal of the Linnean Society</i> , 2018, 124, 228-236.	1.6	4
23	Genetic diversity of <i>Thymus sibthorpii</i> Bentham in mountainous natural grasslands of Northern Greece as related to local factors and plant community structure. <i>Industrial Crops and Products</i> , 2018, 111, 651-659.	5.2	13
24	Mediterranean Islands Hosting Marginal and Peripheral Forest Tree Populations: The Case of <i>Pinus brutia</i> Ten. in Cyprus. <i>Forests</i> , 2018, 9, 514.	2.1	6
25	Phenotypic and molecular characterization of apple (<i>Malus Æ— domestica</i> Borkh) genetic resources in Greece. <i>Scientia Agricola</i> , 2018, 75, 509-518.	1.2	13
26	Towards sweet cherry (<i>Prunus avium</i> L.) breeding: phenotyping evaluation of newly developed hybrids. <i>Euphytica</i> , 2018, 214, 1.	1.2	5
27	The Interplay between Forest Management Practices, Genetic Monitoring, and Other Long-Term Monitoring Systems. <i>Forests</i> , 2018, 9, 133.	2.1	17
28	Do Silviculture and Forest Management Affect the Genetic Diversity and Structure of Long-Impacted Forest Tree Populations?. <i>Forests</i> , 2018, 9, 355.	2.1	26
29	Linkage and QTL mapping in <i>Cupressus sempervirens</i> L. provides the first detailed genetic map of the species and identifies a QTL associated with crown form. <i>Tree Genetics and Genomes</i> , 2017, 13, 1.	1.6	2
30	Adaptive response of <i>Pinus monticola</i> driven by positive selection upon resistance gene analogs (RGAs) of the TIR-NBS-LRR subfamily. <i>IForest</i> , 2017, 10, 237-241.	1.4	2
31	Evidence of extensive positive selection acting on cherry (<i>Prunus avium</i> L.) resistance gene analogs (RGAs). <i>Australian Journal of Crop Science</i> , 2016, 10, 1324-1329.	0.3	7
32	Evolution-based approach needed for the conservation and silviculture of peripheral forest tree populations. <i>Forest Ecology and Management</i> , 2016, 375, 66-75.	3.2	97
33	Forest genetic monitoring: an overview of concepts and definitions. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 493.	2.7	33
34	Conservation and Monitoring of Tree Genetic Resources in Temperate Forests. <i>Current Forestry Reports</i> , 2016, 2, 119-129.	7.4	38
35	Morpho-physiological diversity in the collection of sour cherry (<i>Prunus cerasus</i>) cultivars of the Fruit Genebank in Naoussa, Greece using multivariate analysis. <i>Scientia Horticulturae</i> , 2016, 207, 225-232.	3.6	15
36	In silico analysis of the LRR receptor-like serine threonine kinases subfamily in <i>Morus notabilis</i> . <i>Plant OMICS</i> , 2016, 9, 319-326.	0.4	4

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37	First Report of an Arbuscular Mycorrhizal Fungus <i>Funneliformis mosseae</i> Associated with <i>Thuja plicata</i> in an Ectomycorrhizal Forest in Greece. <i>International Journal of Phytopathology</i> , 2016, 5, 53-53.	0.5	0
38	Global DNA methylation changes in Cucurbitaceae inter-species grafting. <i>Crop Breeding and Applied Biotechnology</i> , 2015, 15, 112-116.	0.4	33
39	Determination of epigenetic inheritance, genetic inheritance, and estimation of genome DNA methylation in a full-sib family of <i>Cupressus sempervirens</i> L.. <i>Gene</i> , 2015, 562, 180-187.	2.2	21
40	Population and Conservation Genomics in Forest and Fruit Trees. <i>Advances in Botanical Research</i> , 2015, , 125-155.	1.1	8
41	Beyond population genetics: natural epigenetic variation in wild cherry (<i>Prunus avium</i>). <i>Tree Genetics and Genomes</i> , 2015, 11, 1.	1.6	24
42	Diversity of morpho-physiological traits in worldwide sweet cherry cultivars of GeneBank collection using multivariate analysis. <i>Scientia Horticulturae</i> , 2015, 197, 381-391.	3.6	25
43	Mediterranean basin <i>Ficus carica</i> L.: from genetic diversity and structure to authentication of a Protected Designation of Origin cultivar using microsatellite markers. <i>Trees - Structure and Function</i> , 2015, 29, 1959-1971.	1.9	16
44	Selection Strategy for Chestnut (<i>Castanea sativa</i> Mill.) Families Originating from Contrasting European Populations. <i>Open Journal of Forestry</i> , 2015, 05, 489-499.	0.3	1
45	Microsatellite high-resolution melting (SSR-HRM) analysis for identification of sweet cherry rootstocks in Greece. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2014, 12, 160-163.	0.8	4
46	Genetic effects of forest management practices: Global synthesis and perspectives. <i>Forest Ecology and Management</i> , 2014, 333, 52-65.	3.2	102
47	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.	3.2	57
48	Micropropagation of Elite Genotypes of <i>Castanea Sativa</i> (MILL.). <i>Journal of Advances in Biotechnology</i> , 2014, 3, 200-209.	0.1	1
49	Genetic differentiation and gene flow between wild and cultivated <i>Prunus avium</i>: An analysis of molecular genetic evidence at a regional scale. <i>Plant Biosystems</i> , 2013, 147, 678-685.	1.6	11
50	Taxonomic Identification of Mediterranean Pines and Their Hybrids Based on the High Resolution Melting (HRM) and trnL Approaches: From Cytoplasmic Inheritance to Timber Tracing. <i>PLoS ONE</i> , 2013, 8, e60945.	2.5	30
51	Genome and population dynamics under selection and neutrality: an example of S-allele diversity in wild cherry (<i>Prunus avium</i> L.). <i>Tree Genetics and Genomes</i> , 2012, 8, 1181-1190.	1.6	13
52	Genetic monitoring in natural perennial plant populations. <i>Botany</i> , 2011, 89, 75-81.	1.0	38
53	Linkage mapping of the Mediterranean cypress, <i>Cupressus sempervirens</i> , based on molecular and morphological markers. <i>Genetics and Molecular Research</i> , 2011, 10, 1891-1909.	0.2	9
54	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. <i>Tree Genetics and Genomes</i> , 2011, 7, 1299-1313.	1.6	27

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55	Interfertile oaks in an island environment: I. High nuclear genetic differentiation and high degree of chloroplast DNA sharing between <i>Q. alnifolia</i> and <i>Q. coccifera</i> in Cyprus. A multipopulation study. <i>European Journal of Forest Research</i> , 2011, 130, 543-555.	2.5	20
56	Interfertile oaks in an island environment. II. Limited hybridization between <i>Quercus alnifolia</i> Poech and <i>Q. coccifera</i> L. in a mixed stand. <i>European Journal of Forest Research</i> , 2011, 130, 623-635.	2.5	25
57	Molecular identification of Greek olive (<i>Olea europaea</i>) cultivars based on microsatellite loci. <i>Genetics and Molecular Research</i> , 2010, 9, 1865-1876.	0.2	30
58	Assessing inter- and intra-cultivar variation in Greek <i>Prunus avium</i> by SSR markers. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2010, 8, 242-248.	0.8	11
59	DNA fingerprinting of elite Greek wild cherry (<i>Prunus avium</i> L.) genotypes using microsatellite markers. <i>Forestry</i> , 2010, 83, 527-533.	2.3	20
60	Breeding of fast growing forest tree species for biomass production in Greece. <i>Biomass and Bioenergy</i> , 2010, 34, 1531-1537.	5.7	38
61	A comparative fluctuating asymmetry study between two walnut (<i>Juglans regia</i> L.) populations may contribute as an early signal for bio-monitoring. <i>IForest</i> , 2010, 3, 150-152.	1.4	3
62	Detecting interspecific and geographic differentiation patterns in two interfertile oak species (<i>Quercus petraea</i> (Matt.) Liebl. and <i>Q. robur</i> L.) using small sets of microsatellite markers. <i>Forest Ecology and Management</i> , 2010, 259, 2026-2035.	3.2	68
63	EVALUATION OF SELECTED EUROPEAN CHESTNUT (<i>CASTANEA SATIVA</i>) PROVENANCES - I: INTER-PROVENANCE GENETIC VARIATION. <i>Acta Horticulturae</i> , 2010, , 203-213.	0.2	4
64	EVALUATION OF SELECTED EUROPEAN CHESTNUT (<i>CASTANEA SATIVA</i>) PROVENANCES - II: INTRA-PROVENANCE FAMILY VARIATION. <i>Acta Horticulturae</i> , 2010, , 215-224.	0.2	4
65	GENETIC DIVERSITY OF INTENSIVELY AND EXTENSIVELY MANAGED CHESTNUT (<i>CASTANEA SATIVA</i>) ORCHARDS IN GREECE. <i>Acta Horticulturae</i> , 2010, , 121-126.	0.2	0
66	Conservation of Nuclear SSR Loci Reveals High Affinity of <i>Quercus infectoria</i> ssp. <i>veneris</i> A. Kern (Fagaceae) to Section <i>Robur</i> . <i>Plant Molecular Biology Reporter</i> , 2008, 26, 133-141.	1.8	6
67	Artificial hybridization between <i>Robinia pseudoacacia</i> L. and <i>R. pseudoacacia</i> var. <i>monophylla</i> Carr.. <i>Forestry</i> , 2008, 81, 91-101.	2.3	7
68	Morphological Differentiation and Hybridization between <i>Quercus alnifolia</i> Poech and <i>Quercus coccifera</i> L. (Fagaceae) in Cyprus. <i>Silvae Genetica</i> , 2007, 56, 271-277.	0.8	17
69	Genetic structure of <i>Pinus brutia</i> stands exposed to wild fires. <i>Plant Ecology</i> , 2004, 171, 175-183.	1.6	8
70	Absence of association between heterozygosity and biomass production in <i>Salix exigua</i> Nutt. <i>Theoretical and Applied Genetics</i> , 2000, 100, 1203-1208.	3.6	5
71	Genetic diversity of superior <i>Salix</i> clones selected for intensive forestry plantations. <i>Biomass and Bioenergy</i> , 1999, 16, 249-255.	5.7	28
72	Heterozygosity and biomass production in <i>Salix eriocephala</i> . <i>Heredity</i> , 1998, 81, 396-403.	2.6	13

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73	Inheritance and Linkage of Isozyme Loci in the Basket Willow (<i>Salix viminalis</i> L.). <i>Journal of Heredity</i> , 1997, 88, 144-150.	2.4	2
74	Genetic relationship between <i>Salix exigua</i> and other North American willows (<i>Salix</i> L.): Evidence from allozyme variation. <i>Biochemical Systematics and Ecology</i> , 1995, 23, 767-771.	1.3	5
75	DNA fingerprinting willows(<i>Salix</i> L.) using polymerase chain reaction with the M13 universal primer. <i>Scandinavian Journal of Forest Research</i> , 1995, 10, 27-31.	1.4	6
76	Inheritance of Isozymes in <i>Salix eriocephala</i> Michx. <i>Journal of Heredity</i> , 1994, 85, 381-388.	2.4	4
77	Molecular Markers as Probes in Screening Genetic Diversity and Gene Pool Sustainability in <i>Salix</i> Intensive Forestry. <i>Journal of Sustainable Forestry</i> , 1994, 1, 1-7.	1.4	2
78	Growth-allometry relations in <i>Salix</i> species and families, having different tree form and being under different mating design. <i>Forestry Chronicle</i> , 1993, 69, 717-720.	0.6	2
79	ConservePlants: An integrated approach to conservation of threatened plants for the 21st Century. <i>Research Ideas and Outcomes</i> , 0, 7, .	1.0	6