

Aliki Xanthopoulou

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

790
citations

516215

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26
g-index

49
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49
docs citations

49
times ranked

894
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring priming responses involved in peach fruit acclimation to cold stress. <i>Scientific Reports</i> , 2017, 7, 11358.	1.6	83
2	DNA barcode ITS2 coupled with high resolution melting (HRM) analysis for taxonomic identification of <i>Sideritis</i> species growing in Greece. <i>Molecular Biology Reports</i> , 2014, 41, 5147-5155.	1.0	60
3	Microsatellite high-resolution melting (SSR-HRM) analysis for genotyping and molecular characterization of an <i>Olea europaea</i> germplasm collection. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2014, 12, 273-277.	0.4	49
4	Multiplex HRM analysis as a tool for rapid molecular authentication of nine herbal teas. <i>Food Control</i> , 2016, 60, 113-116.	2.8	34
5	Whole-genome resequencing of <i>Cucurbita pepo</i> morphotypes to discover genomic variants associated with morphology and horticulturally valuable traits. <i>Horticulture Research</i> , 2019, 6, 94.	2.9	34
6	Global DNA methylation changes in Cucurbitaceae inter-species grafting. <i>Crop Breeding and Applied Biotechnology</i> , 2015, 15, 112-116.	0.1	33
7	Vegetable Grafting From a Molecular Point of View: The Involvement of Epigenetics in Rootstock-Scion Interactions. <i>Frontiers in Plant Science</i> , 2020, 11, 621999.	1.7	33
8	Sweet Cherry Cultivar Identification by High-Resolution-Melting (HRM) Analysis Using Gene-Based SNP Markers. <i>Plant Molecular Biology Reporter</i> , 2013, 31, 763-768.	1.0	30
9	De novo comparative transcriptome analysis of genes involved in fruit morphology of pumpkin cultivars with extreme size difference and development of EST-SSR markers. <i>Gene</i> , 2017, 622, 50-66.	1.0	29
10	Genetic diversity and metabolic profile of <i>Salvia officinalis</i> populations: implications for advanced breeding strategies. <i>Planta</i> , 2017, 246, 201-215.	1.6	29
11	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.	2.9	27
12	Fruit quality trait discovery and metabolic profiling in sweet cherry genebank collection in Greece. <i>Food Chemistry</i> , 2021, 342, 128315.	4.2	27
13	Diversity of morpho-physiological traits in worldwide sweet cherry cultivars of GeneBank collection using multivariate analysis. <i>Scientia Horticulturae</i> , 2015, 197, 381-391.	1.7	25
14	Comprehensive approaches reveal key transcripts and metabolites highlighting metabolic diversity among three oriental tobacco varieties. <i>Industrial Crops and Products</i> , 2020, 143, 111933.	2.5	21
15	Genetic diversity of Barbary fig (<i>Opuntia ficus-indica</i>) collection in Greece with ISSR molecular markers. <i>Plant Gene</i> , 2015, 2, 29-33.	1.4	18
16	Summer Squash Identification by High-Resolution-Melting (HRM) Analysis Using Gene-Based EST-SSR Molecular Markers. <i>Plant Molecular Biology Reporter</i> , 2014, 32, 395-405.	1.0	17
17	Intra-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.	1.8	17
18	The perennial fruit tree proteogenomics atlas: a spatial map of the sweet cherry proteome and transcriptome. <i>Plant Journal</i> , 2022, 109, 1319-1336.	2.8	17

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19	Molecular characterization of Greek pepper (<i>Capsicum annuum</i> L.) landraces with neutral (ISSR) and gene-based (SCoT and EST-SSR) molecular markers. <i>Biochemical Systematics and Ecology</i> , 2015, 59, 256-263.	0.6	16
20	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.	0.9	16
21	High Resolution Melting (HRM) analysis in eggplant (<i>Solanum melongena</i> L.): A tool for microsatellite genotyping and molecular characterization of a Greek Genebank collection. <i>Biochemical Systematics and Ecology</i> , 2015, 58, 64-71.	0.6	15
22	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.	1.7	15
23	Evaluation of parsley (<i>Petroselinum crispum</i>) germplasm diversity from the Greek Gene Bank using morphological, molecular and metabolic markers. <i>Industrial Crops and Products</i> , 2021, 170, 113767.	2.5	15
24	De novo transcriptome assembly of two contrasting pumpkin cultivars. <i>Genomics Data</i> , 2016, 7, 200-201.	1.3	14
25	Rapid and accurate identification of black aspergilli from grapes using high-resolution melting (HRM) analysis. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 309-314.	1.7	14
26	Genetic diversity of <i>Thymus sibthorpii</i> Benth 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.	2.5	13
27	Phenotypic and molecular characterization of apple (<i>Malus domestica</i> Borkh) genetic resources in Greece. <i>Scientia Agricola</i> , 2018, 75, 509-518.	0.6	13
28	A comprehensive RNA-Seq-based gene expression atlas of the summer squash (<i>Cucurbita pepo</i>) provides insights into fruit morphology and ripening mechanisms. <i>BMC Genomics</i> , 2021, 22, 341.	1.2	12
29	Application of the ITS2 region for barcoding plants of the genus <i>Triticum</i> L. and <i>Aegilops</i> L.. <i>Cereal Research Communications</i> , 2017, 45, 381-389.	0.8	7
30	Could Causal Discovery in Proteogenomics Assist in Understanding Gene-Protein Relations? A Perennial Fruit Tree Case Study Using Sweet Cherry as a Model. <i>Cells</i> , 2022, 11, 92.	1.8	7
31	Phenotypic, Genetic, and Epigenetic Variation among Diverse Sweet Cherry Gene Pools. <i>Agronomy</i> , 2021, 11, 680.	1.3	6
32	Genetic Diversity and Structure of Tobacco in Greece on the Basis of Morphological and Microsatellite Markers. <i>Crop Science</i> , 2016, 56, 2652-2662.	0.8	5
33	Towards sweet cherry (<i>Prunus avium</i> L.) breeding: phenotyping evaluation of newly developed hybrids. <i>Euphytica</i> , 2018, 214, 1.	0.6	5
34	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.	0.4	4
35	Identification of <i>Phytophthora</i> species by a high resolution melting analysis: an innovative tool for rapid differentiation. <i>Plant Protection Science</i> , 2016, 52, 176-181.	0.7	4
36	Comparative metagenomics reveals alterations in the soil bacterial community driven by N-fertilizer and Amino 16® application in lettuce. <i>Genomics Data</i> , 2017, 14, 14-17.	1.3	4

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37	Dataset of Targeted Metabolite Analysis for Five Taxanes of Hellenic <i>Taxus baccata</i> L. Populations. <i>Data</i> , 2020, 5, 22.	1.2	4
38	The pleiotropic effects of <i>Prunus avium</i> L. extract against oxidative stress on human fibroblasts. An in vitro approach. <i>Molecular Biology Reports</i> , 2021, 48, 4441-4448.	1.0	3
39	A New Accurate Genotyping HRM Method for <i>Alternaria</i> Species Related to Fruit Rot Diseases of Apple and Pomegranate. <i>International Journal of Phytopathology</i> , 2016, 4, 159-165.	0.1	3
40	Utilization of Tomato Landraces to Improve Seedling Performance under Salt Stress. <i>Stresses</i> , 2021, 1, 238-252.	1.8	3
41	Fast and Accurate Screening of <i>Solanum melongena</i> with High-Resolution Melting Analysis for Resistance to Fusarium Wilt. <i>International Journal of Vegetable Science</i> , 2016, 22, 183-189.	0.6	2
42	Genomics Opportunities and Breeding Strategies Towards Improvement of Climate-Smart Traits and Disease Resistance Against Pathogens in Sweet Cherry. , 2020, , 385-404.		2
43	Probing the effects of sweet cherry (<i>Prunus avium</i> L.) extract on 2D and 3D human skin models. <i>Molecular Biology Reports</i> , 2022, 49, 2687-2693.	1.0	2
44	Expanding <i>Phaseolus coccineus</i> Genomic Resources: De Novo Transcriptome Assembly and Analysis of Landraces "Gigantes"™ and "Elephantess"™ Reveals Rich Functional Variation. <i>Biochemical Genetics</i> , 2019, 57, 747-766.	0.7	1
45	"Tsolakeiko"™: A Greek Sweet Cherry Cultivar. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2015, 50, 1591-1592.	0.5	1
46	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.	0.1	0