

Gaetano Distefano

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

1,026
citations

430874

18
h-index

454955

30
g-index

60
all docs

60
docs citations

60
times ranked

1065
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced resistance to <i>Phoma tracheiphila</i> and <i>Botrytis cinerea</i> in transgenic lemon plants expressing a <i>Trichoderma harzianum</i> chitinase gene. <i>Plant Breeding</i> , 2007, 126, 146-151.	1.9	81
2	Defence-related gene expression in transgenic lemon plants producing an antimicrobial <i>Trichoderma harzianum</i> endochitinase during fungal infection. <i>Transgenic Research</i> , 2008, 17, 873-879.	2.4	80
3	High Resolution Melting Analysis Is a More Sensitive and Effective Alternative to Gel-Based Platforms in Analysis of SSR – An Example in Citrus. <i>PLoS ONE</i> , 2012, 7, e44202.	2.5	65
4	Comparative transcriptome analysis of stylar canal cells identifies novel candidate genes implicated in the self-incompatibility response of <i>Citrus clementina</i> . <i>BMC Plant Biology</i> , 2012, 12, 20.	3.6	46
5	New microsatellite loci for pomegranate, <i>Punica granatum</i> (Lythraceae). <i>American Journal of Botany</i> , 2010, 97, e58-60.	1.7	44
6	Influence of different rootstocks on yield precocity and fruit quality of ‘Tarocco Scir`a’ pigmented sweet orange. <i>Scientia Horticulturae</i> , 2018, 230, 62-67.	3.6	44
7	Histological and molecular analysis of pollen–pistil interaction in clementine. <i>Plant Cell Reports</i> , 2009, 28, 1439-1451.	5.6	40
8	Male–female interaction and temperature variation affect pollen performance in Citrus. <i>Scientia Horticulturae</i> , 2012, 140, 1-7.	3.6	35
9	Polyamines and transglutaminase activity are involved in compatible and self-incompatible pollination of <i>Citrus grandis</i> . <i>Amino Acids</i> , 2012, 42, 1025-1035.	2.7	35
10	Physiological and Molecular Analysis of the Maturation Process in Fruits of Clementine Mandarin and One of Its Late-Ripening Mutants. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 7974-7982.	5.2	31
11	Pollen Tube Behavior in Different Mandarin Hybrids. <i>Journal of the American Society for Horticultural Science</i> , 2009, 134, 583-588.	1.0	31
12	EST-SNP genotyping of citrus species using high-resolution melting curve analysis. <i>Tree Genetics and Genomes</i> , 2013, 9, 1271-1281.	1.6	29
13	Molecular characterization of olive (<i>Olea europaea</i> L.) Sicilian cultivars using SSR markers. <i>Biochemical Systematics and Ecology</i> , 2014, 57, 15-19.	1.3	28
14	Pollen–pistil interactions and early fruiting in parthenocarpic citrus. <i>Annals of Botany</i> , 2011, 108, 499-509.	2.9	27
15	Altered sensitivity to ethylene in ‘Tardivo’, a late-ripening mutant of Clementine mandarin. <i>Physiologia Plantarum</i> , 2014, 151, 507-521.	5.2	26
16	Scion–rootstock interactions influence the growth and behaviour of the grapevine root system in a heavy clay soil. <i>Australian Journal of Grape and Wine Research</i> , 2020, 26, 68-78.	2.1	26
17	Temperatures during flower bud development affect pollen germination, self-incompatibility reaction and early fruit development of clementine (<i>Citrus clementina</i> Hort. ex Tan.). <i>Plant Biology</i> , 2018, 20, 191-198.	3.8	25
18	Recent Advances of In Vitro Culture for the Application of New Breeding Techniques in Citrus. <i>Plants</i> , 2020, 9, 938.	3.5	23

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19	Temperature-Dependent Compatible and Incompatible Pollen-Style Interactions in <i>Citrus clementina</i> Hort. ex Tan. Show Different Transglutaminase Features and Polyamine Pattern. <i>Frontiers in Plant Science</i> , 2020, 11, 1018.	3.6	20
20	Genetic diversity and relationships among Italian and foreign almond germplasm as revealed by microsatellite markers. <i>Scientia Horticulturae</i> , 2013, 162, 305-312.	3.6	19
21	Substantial Equivalence of a Transgenic Lemon Fruit Showing Postharvest Fungal Pathogens Resistance. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 3806-3816.	5.2	19
22	Genetic structure analysis and selection of a core collection for carob tree germplasm conservation and management. <i>Tree Genetics and Genomes</i> , 2019, 15, 1.	1.6	17
23	High resolution melting analysis for early identification of citrus hybrids: A reliable tool to overcome the limitations of morphological markers and assist rootstock breeding. <i>Scientia Horticulturae</i> , 2014, 180, 199-206.	3.6	16
24	Role of fruit flesh cell morphology and MdPG1 allelotype in influencing juiciness and texture properties in apple. <i>Postharvest Biology and Technology</i> , 2020, 164, 111161.	6.0	16
25	Elucidating the contribution of wild related species on autochthonous pear germplasm: A case study from Mount Etna. <i>PLoS ONE</i> , 2018, 13, e0198512.	2.5	15
26	Biotechnological Approaches for Genetic Improvement of Lemon (<i>Citrus limon</i> (L.) Burm. f.) against Mal Secco Disease. <i>Plants</i> , 2021, 10, 1002.	3.5	15
27	Analysis of Sâ€allele genetic diversity in Sicilian almond germplasm comparing different molecular methods. <i>Plant Breeding</i> , 2015, 134, 713-718.	1.9	14
28	Influence of the genetic background on the performance of molecular markers linked to seedlessness in table grapes. <i>Scientia Horticulturae</i> , 2019, 252, 316-323.	3.6	14
29	Genetic characterization of an almond germplasm collection and volatilome profiling of raw and roasted kernels. <i>Horticulture Research</i> , 2021, 8, 27.	6.3	13
30	Molecular Insights into the Effects of Rootstocks on Maturation of Blood Oranges. <i>Horticulturae</i> , 2021, 7, 468.	2.8	13
31	Ectopic expression of <i>Arabidopsis</i> phytochrome B in Troyer citrange affects photosynthesis and plant morphology. <i>Scientia Horticulturae</i> , 2013, 159, 1-7.	3.6	10
32	Relationships among cultivated <i>Opuntia ficus-indica</i> genotypes and related species assessed by cytoplasmic markers. <i>Genetic Resources and Crop Evolution</i> , 2018, 65, 759-773.	1.6	10
33	Temperature stress interferes with male reproductive system development in clementine (<i>Citrus</i>) Tj ETQq1 1 0.784314 rgBT /Overbo	2.5	10
34	EVALUATION OF CITRUS ROOTSTOCK TRANSGENIC FOR ROLABC GENES. <i>Acta Horticulturae</i> , 2011, , 131-140.	0.2	9
35	Target-Genes Reveal Species and Genotypic Specificity of Anthocyanin Pigmentation in Citrus and Related Genera. <i>Genes</i> , 2020, 11, 807.	2.4	8
36	Transcriptional Analysis of Carotenoids Accumulation and Metabolism in a Pink-Fleshed Lemon Mutant. <i>Genes</i> , 2020, 11, 1294.	2.4	7

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37	Rootstock Affects Floral Induction in Citrus Engaging the Expression of the FLOWERING LOCUS T (CiFT). <i>Agriculture (Switzerland)</i> , 2021, 11, 140.	3.1	7
38	The haplotype-resolved reference genome of lemon (<i>Citrus limon</i> L. Burm f.). <i>Tree Genetics and Genomes</i> , 2021, 17, 1.	1.6	7
39	LEMON FRUITS FROM ENDOCHITINASE TRANSGENIC PLANTS EXHIBIT RESISTANCE AGAINST POSTHARVEST FUNGAL PATHOGENS. <i>Acta Horticulturae</i> , 2015, , 1639-1645.	0.2	6
40	Deciphering S-RNase Allele Patterns in Cultivated and Wild Accessions of Italian Pear Germplasm. <i>Forests</i> , 2020, 11, 1228.	2.1	6
41	Assessment of Chilling Requirement and Threshold Temperature of a Low Chill Pear (<i>Pyrus communis</i>) Tj ETQq1 1 0,784314 rgBT /Overl	2.8	6
42	Mid-Term Effects of Conservative Soil Management and Fruit-Zone Early Leaf Removal Treatments on the Performance of Nerello Mascalese (<i>Vitis vinifera</i> L.) Grapes on Mount Etna (Southern Italy). <i>Agronomy</i> , 2021, 11, 1070.	3.0	6
43	HRM analysis of chloroplast and mitochondrial DNA revealed additional genetic variability in <i>Prunus</i> . <i>Scientia Horticulturae</i> , 2015, 197, 124-129.	3.6	5
44	Generation of expressed sequence tags from carob (<i>Ceratonia siliqua</i> L.) flowers for gene identification and marker development. <i>Tree Genetics and Genomes</i> , 2008, 4, 869-879.	1.6	4
45	TOWARDS THE FUNCTIONAL CHARACTERIZATION OF THE CLEMENTINE ASP-RICH PROTEIN ENCODING GENES, CANDIDATES FOR REGULATING GAMETOPHYTIC SELF-INCOMPATIBILITY. <i>Acta Horticulturae</i> , 2015, , 599-604.	0.2	4
46	Detection of natural and induced mutations from next generation sequencing data in sweet orange bud sports. <i>Acta Horticulturae</i> , 2019, , 119-124.	0.2	2
47	Efficiency of <i>S</i> -genotyping for diversity screening and self-incompatible group identification of almond cultivars within the Mediterranean basin. <i>Journal of Horticultural Science and Biotechnology</i> , 2021, 96, 338-343.	1.9	2
48	Citrus Reproductive Biology from Flowering to Fruiting. <i>Compendium of Plant Genomes</i> , 2020, , 167-176.	0.5	2
49	Expression of Clementine Asp-Rich Proteins (CcASP-RICH) in Tobacco Plants Interferes with the Mechanism of Pollen Tube Growth. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7880.	4.1	2
50	INVESTIGATION OF THE SELF INCOMPATIBILITY MECHANISM IN CLEMENTINE (CITRUS CLEMENTINE HORT. EX) Tj ETQq0 0 0 rgBT /Overl	0.2	1
51	IDENTIFICATION OF CANDIDATE GENES INVOLVED IN THE SELF INCOMPATIBILITY RESPONSE IN CLEMENTINE. <i>Acta Horticulturae</i> , 2012, , 127-132.	0.2	0
52	DELAYED COLOR BREAK IN 'TARDIVO', A LATE RIPENING MANDARIN MUTANT, IS RELATED TO A DEFECTIVE ETHYLENE RESPONSE. <i>Acta Horticulturae</i> , 2015, , 1497-1505.	0.2	0
53	SNPs within the glutathione S-transferase genes as markers for the identification of more or less stress responsive sweet orange varieties. <i>Acta Horticulturae</i> , 2016, , 147-152.	0.2	0
54	A reliable and cost-effective method for the early identification of citrus rootstock hybrids using high resolution melting analysis. <i>Acta Horticulturae</i> , 2016, , 17-22.	0.2	0

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55	Molecular Characterization of <i>Opuntia</i> spp., 2021, , 159-179.		0
56	Research and Application of Molecular and Phenotypic Data for Tree Biodiversity Evaluation. <i>Forests</i> , 2021, 12, 564.	2.1	0