

Stefano La Malfa

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

1,864
citations

331670

21
h-index

289244

40
g-index

74
all docs

74
docs citations

74
times ranked

1812
citing authors

#	ARTICLE	IF	CITATIONS
1	Citrus phylogeny and genetic origin of important species as investigated by molecular markers. <i>Theoretical and Applied Genetics</i> , 2000, 100, 1155-1166.	3.6	492
2	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
3	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
4	Influence of film wrapping and fludioxonil application on quality of pomegranate fruit. <i>Postharvest Biology and Technology</i> , 2010, 55, 121-128.	6.0	66
5	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
6	Microsatellite markers help to assess genetic diversity among <i>Opuntia ficus indica</i> cultivated genotypes and their relation with related species. <i>Plant Systematics and Evolution</i> , 2010, 290, 85-97.	0.9	49
7	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
8	New microsatellite loci for pomegranate, <i>Punica granatum</i> (Lythraceae). <i>American Journal of Botany</i> , 2010, 97, e58-60.	1.7	44
9	Influence of different rootstocks on yield precocity and fruit quality of ‘Tarocco Scir’ pigmented sweet orange. <i>Scientia Horticulturae</i> , 2018, 230, 62-67.	3.6	44
10	Influence of postharvest treatments on qualitative and chemical parameters of Tarocco blood orange fruits to be used for fresh chilled juice. <i>Food Chemistry</i> , 2017, 230, 441-447.	8.2	41
11	Histological and molecular analysis of pollen-pistil interaction in clementine. <i>Plant Cell Reports</i> , 2009, 28, 1439-1451.	5.6	40
12	Male-female interaction and temperature variation affect pollen performance in Citrus. <i>Scientia Horticulturae</i> , 2012, 140, 1-7.	3.6	35
13	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
14	New Plant Breeding Techniques in Citrus for the Improvement of Important Agronomic Traits. A Review. <i>Frontiers in Plant Science</i> , 2020, 11, 1234.	3.6	32
15	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
16	Pollen Tube Behavior in Different Mandarin Hybrids. <i>Journal of the American Society for Horticultural Science</i> , 2009, 134, 583-588.	1.0	31
17	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
18	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

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19	Absolute quantification of olive oil DNA by droplet digital-PCR (ddPCR): Comparison of isolation and amplification methodologies. <i>Food Chemistry</i> , 2016, 213, 388-394.	8.2	28
20	A strong east-west Mediterranean divergence supports a new phylogeographic history of the carob tree (<i>Ceratonia siliqua</i> , Leguminosae) and multiple domestications from native populations. <i>Journal of Biogeography</i> , 2020, 47, 460-471.	3.0	27
21	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
22	Recent Advances of In Vitro Culture for the Application of New Breeding Techniques in Citrus. <i>Plants</i> , 2020, 9, 938.	3.5	23
23	Assessment of plant species diversity associated with the carob tree (<i>Ceratonia siliqua</i> , Fabaceae) at the Mediterranean scale. <i>Plant Ecology and Evolution</i> , 2018, 151, 185-193.	0.7	22
24	Overall quality of ready-to-eat pomegranate arils processed from cold stored fruit. <i>Postharvest Biology and Technology</i> , 2015, 109, 1-9.	6.0	21
25	Identification and evaluation of chloroplast uni- and trinucleotide sequence repeats in citrus. <i>Scientia Horticulturae</i> , 2007, 111, 186-192.	3.6	20
26	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
27	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
28	Hormone effects on in vitro proliferation and rooting of <i>Grevillea</i> explants. <i>Scientia Horticulturae</i> , 2001, 90, 335-341.	3.6	18
29	Changes in physiological and some nutritional, nutraceuticals, chemical-physical, microbiological and sensory quality of minimally processed cactus pears cvs 'Bianca'™, 'Cialla'™ and 'Rossa'™ stored under passive modified atmosphere. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 1839-1849.		17
30	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
31	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
32	Genetic diversity revealed by EST-SSR markers in carob tree (<i>Ceratonia siliqua</i> L.). <i>Biochemical Systematics and Ecology</i> , 2014, 55, 205-211.	1.3	16
33	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
34	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
35	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
36	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

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37	Advances in genotyping microsatellite markers through sequencing and consequences of scoring methods for <i>Ceratonia siliqua</i> (Leguminosae). Applications in Plant Sciences, 2018, 6, e01201.	2.1	14
38	Influence of the genetic background on the performance of molecular markers linked to seedlessness in table grapes. Scientia Horticulturae, 2019, 252, 316-323.	3.6	14
39	Genetic characterization of an almond germplasm collection and volatilome profiling of raw and roasted kernels. Horticulture Research, 2021, 8, 27.	6.3	13
40	Influence of rootstock genotype on individual metabolic responses and antioxidant potential of blood orange cv. Tarocco Scir�. Journal of Food Composition and Analysis, 2021, , 104246.	3.9	13
41	Molecular Insights into the Effects of Rootstocks on Maturation of Blood Oranges. Horticulturae, 2021, 7, 468.	2.8	13
42	Early defoliation effects on water status, fruit yield and must quality of "Nerello mascalese" grapes. Scientia Agricola, 2020, 77, .	1.2	12
43	Ectopic expression of Arabidopsis phytochrome B in Troyer citrange affects photosynthesis and plant morphology. Scientia Horticulturae, 2013, 159, 1-7.	3.6	10
44	Relationships among cultivated <i>Opuntia ficus-indica</i> genotypes and related species assessed by cytoplasmic markers. Genetic Resources and Crop Evolution, 2018, 65, 759-773.	1.6	10
45	Temperature stress interferes with male reproductive system development in clementine (<i>Citrus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 1. 2.5	2.5	10
46	MORPHOLOGICAL AND PHYSIOLOGICAL EFFECTS OF ROLABC GENES INTO CITRUS GENOME. Acta Horticulturae, 2004, , 235-242.	0.2	9
47	PRIMOSOLE: A NEW SELECTION FROM SICILIAN POMEGRANATE GERMPLASM. Acta Horticulturae, 2009, , 125-132.	0.2	9
48	EVALUATION OF CITRUS ROOTSTOCK TRANSGENIC FOR ROLABC GENES. Acta Horticulturae, 2011, , 131-140.	0.2	9
49	Influences of aspect and tillage on two winegrape cultivars on Mount Etna. New Zealand Journal of Crop and Horticultural Science, 2016, 44, 83-102.	1.3	8
50	Bio-agronomic characterization of twelve plum cultivars on two clonal rootstocks in a semi-arid environment in Sicily. Fruits, 2015, 70, 249-256.	0.4	8
51	Genome-wide footprints in the carob tree (<i>Ceratonia siliqua</i>) unveil a new domestication pattern of a fruit tree in the Mediterranean. Molecular Ecology, 2022, 31, 4095-4111.	3.9	8
52	Characterisation and assessment of genetic diversity in cultivated and wild carob (<i>Ceratonia</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1. 2008, 83, 177-182.	1.9	7
53	<i>Trifolium subterraneum</i> cover cropping for improving the nutritional status of a Mediterranean apricot orchard. Journal of the Science of Food and Agriculture, 2021, 101, 3767-3777.	3.5	7
54	Rootstock Affects Floral Induction in Citrus Engaging the Expression of the FLOWERING LOCUS T (CiFT). Agriculture (Switzerland), 2021, 11, 140.	3.1	7

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55	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
56	LEMON FRUITS FROM ENDOCHITINASE TRANSGENIC PLANTS EXHIBIT RESISTANCE AGAINST POSTHARVEST FUNGAL PATHOGENS. <i>Acta Horticulturae</i> , 2015, , 1639-1645.	0.2	6
57	First characterisation of minor and neglected <i>Vitis vinifera</i> L. cultivars from Mount Etna. <i>Zahradnictvi (Prague, Czech Republic: 1992)</i> , 2018, 45, 37-46.	0.9	6
58	Deciphering S-RNase Allele Patterns in Cultivated and Wild Accessions of Italian Pear Germplasm. <i>Forests</i> , 2020, 11, 1228.	2.1	6
59	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	2.8	6
60	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
61	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
62	Effects of postharvest storage conditions on "Tarocco"™ orange fruit quality. <i>Acta Horticulturae</i> , 2018, , 873-878.	0.2	5
63	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
64	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
65	MORPHOLOGICAL AND TECHNOLOGICAL CHARACTERIZATION OF DIFFERENT CAROB CULTIVARS IN SICILY. <i>Acta Horticulturae</i> , 2012, , 207-212.	0.2	3
66	DETERMINATION OF SELF-INCOMPATIBILITY STATUS OF SOME CLEMENTINE (<i>CITRUS CLEMENTINA</i>) GENOTYPES BY HISTOLOGICAL ANALYSIS. <i>Acta Horticulturae</i> , 2015, , 523-528.	0.2	1
67	Microbiological and qualitative aspects of minimally processed pomegranate seeds. <i>Acta Horticulturae</i> , 2018, , 379-384.	0.2	1
68	Influence of washing treatment on ready-to-eat pomegranate arils quality and safety. <i>Acta Horticulturae</i> , 2018, , 915-920.	0.2	1
69	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
70	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
71	Molecular Characterization of <i>Opuntia</i> spp., 2021, , 159-179.		0