

# 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  | Genome-wide footprints in the carob tree ( <i>Ceratonia siliqua</i> ) unveil a new domestication pattern of a fruit tree in the Mediterranean. <i>Molecular Ecology</i> , 2022, 31, 4095-4111.  | 3.9 | 8         |
| 2  | <i>Trifolium subterraneum</i> cover cropping for improving the nutritional status of a Mediterranean apricot orchard. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 3767-3777.   | 3.5 | 7         |
| 3  | Molecular Characterization of <i>Opuntia</i> spp., 2021, , 159-179.   |     | 0         |
| 4  | 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        |
| 5  | 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         |
| 6  | Assessment of Chilling Requirement and Threshold Temperature of a Low Chill Pear ( <i>Pyrus communis</i> ) Tj ETQqO 0 0,rgBT /Overlock 10 T   | 2.8 | 6         |
| 7  | 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        |
| 8  | 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         |
| 9  | Influence of rootstock genotype on individual metabolic responses and antioxidant potential of blood orange cv. Tarocco Scir . <i>Journal of Food Composition and Analysis</i> , 2021, , 104246.  | 3.9 | 13        |
| 10 | Molecular Insights into the Effects of Rootstocks on Maturation of Blood Oranges. <i>Horticulturae</i> , 2021, 7, 468.  | 2.8 | 13        |
| 11 | 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         |
| 12 | 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        |
| 13 | Deciphering S-RNase Allele Patterns in Cultivated and Wild Accessions of Italian Pear Germplasm. <i>Forests</i> , 2020, 11, 1228.   | 2.1 | 6         |
| 14 | Recent Advances of In Vitro Culture for the Application of New Breeding Techniques in Citrus. <i>Plants</i> , 2020, 9, 938.   | 3.5 | 23        |
| 15 | 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        |
| 16 | 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        |
| 17 | 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        |
| 18 | Early defoliation effects on water status, fruit yield and must quality of Nerello mascalese™ grapes. <i>Scientia Agricola</i> , 2020, 77, .  | 1.2 | 12        |

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|----|---|-----|-----------|
| 19 | Temperature stress interferes with male reproductive system development in clementine ( <i>Citrus</i> Tj ETQq1 1 0.784314 rgBT <sub>10</sub> /Overlo  | 2.5 | 10        |
| 20 | 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        |
| 21 | 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        |
| 22 | Changes in physiological and some nutritional, nutraceuticals, chemical–physical, microbiological and sensory quality of minimally processed cactus pears cvs ‘Bianca’, ‘Gialla’ and ‘Rossa’ stored under passive modified atmosphere. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 1839-1849. | 3.6 | 17        |
| 23 | 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        |
| 24 | 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        |
| 25 | 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        |
| 26 | Microbiological and qualitative aspects of minimally processed pomegranate seeds. <i>Acta Horticulturae</i> , 2018, , 379-384.  | 0.2 | 1         |
| 27 | Advances in genotyping microsatellite markers through sequencing and consequences of scoring methods for <i>Ceratonia siliqua</i> (Leguminosae). <i>Applications in Plant Sciences</i> , 2018, 6, e01201.   | 2.1 | 14        |
| 28 | 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        |
| 29 | Effects of postharvest storage conditions on ‘Tarocco’ orange fruit quality. <i>Acta Horticulturae</i> , 2018, , 873-878.   | 0.2 | 5         |
| 30 | Influence of washing treatment on ready-to-eat pomegranate arils quality and safety. <i>Acta Horticulturae</i> , 2018, , 915-920.   | 0.2 | 1         |
| 31 | 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        |
| 32 | First characterisation of minor and neglected <i>Vitis vinifera</i> L. cultivars from Mount Etna. <i>Zahradnictvi</i> (Prague, Czech Republic: 1992), 2018, 45, 37-46.  | 0.9 | 6         |
| 33 | 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        |
| 34 | 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         |
| 35 | 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         |
| 36 | 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        |

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|----|--|-----|-----------|
| 37 | Influences of aspect and tillage on two winegrape cultivars on Mount Etna. <i>New Zealand Journal of Crop and Horticultural Science</i> , 2016, 44, 83-102.  | 1.3 | 8         |
| 38 | LEMON FRUITS FROM ENDOCHITINASE TRANSGENIC PLANTS EXHIBIT RESISTANCE AGAINST POSTHARVEST FUNGAL PATHOGENS. <i>Acta Horticulturae</i> , 2015, , 1639-1645.  | 0.2 | 6         |
| 39 | DETERMINATION OF SELF-INCOMPATIBILITY STATUS OF SOME CLEMENTINE (CITRUS CLEMENTINA) GENOTYPES BY HISTOLOGICAL ANALYSIS. <i>Acta Horticulturae</i> , 2015, , 523-528.   | 0.2 | 1         |
| 40 | 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         |
| 41 | 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        |
| 42 | 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        |
| 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 | Bio-agronomic characterization of twelve plum cultivars on two clonal rootstocks in a semi-arid environment in Sicily. <i>Fruits</i> , 2015, 70, 249-256.  | 0.4 | 8         |
| 45 | 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        |
| 46 | 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        |
| 47 | 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        |
| 48 | 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        |
| 49 | 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        |
| 50 | 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        |
| 51 | MORPHOLOGICAL AND TECHNOLOGICAL CHARACTERIZATION OF DIFFERENT CAROB CULTIVARS IN SICILY. <i>Acta Horticulturae</i> , 2012, , 207-212.  | 0.2 | 3         |
| 52 | Maleâ€female interaction and temperature variation affect pollen performance in <i>Citrus</i> . <i>Scientia Horticulturae</i> , 2012, 140, 1-7.   | 3.6 | 35        |
| 53 | High Resolution Melting Analysis Is a More Sensitive and Effective Alternative to Gel-Based Platforms in Analysis of SSR â€ An Example in <i>Citrus</i> . <i>PLoS ONE</i> , 2012, 7, e44202.  | 2.5 | 65        |
| 54 | Comparative transcriptome analysis of styler 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        |

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|----|--|-----|-----------|
| 55 | 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        |
| 56 | EVALUATION OF CITRUS ROOTSTOCK TRANSGENIC FOR ROLABC GENES. <i>Acta Horticulturae</i> , 2011, , 131-140.   | 0.2 | 9         |
| 57 | 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        |
| 58 | 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        |
| 59 | New microsatellite loci for pomegranate, <i>Punica granatum</i> (Lythraceae). <i>American Journal of Botany</i> , 2010, 97, e58-60.  | 1.7 | 44        |
| 60 | PRIMOSOLE: A NEW SELECTION FROM SICILIAN POMEGRANATE GERMPASM. <i>Acta Horticulturae</i> , 2009, , 125-132.  | 0.2 | 9         |
| 61 | Histological and molecular analysis of pollen-pistil interaction in clementine. <i>Plant Cell Reports</i> , 2009, 28, 1439-1451.   | 5.6 | 40        |
| 62 | 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        |
| 63 | Pollen Tube Behavior in Different Mandarin Hybrids. <i>Journal of the American Society for Horticultural Science</i> , 2009, 134, 583-588.   | 1.0 | 31        |
| 64 | 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        |
| 65 | 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         |
| 66 | Characterisation and assessment of genetic diversity in cultivated and wild carob ( <i>Ceratonia</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3<br>2008, 83, 177-182.  | 1.9 | 7         |
| 67 | Identification and evaluation of chloroplast uni- and trinucleotide sequence repeats in citrus. <i>Scientia Horticulturae</i> , 2007, 111, 186-192.  | 3.6 | 20        |
| 68 | 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        |
| 69 | MORPHOLOGICAL AND PHYSIOLOGICAL EFFECTS OF ROLABC GENES INTO CITRUS GENOME. <i>Acta Horticulturae</i> , 2004, , 235-242.   | 0.2 | 9         |
| 70 | Hormone effects on in vitro proliferation and rooting of <i>Grevillea</i> explants. <i>Scientia Horticulturae</i> , 2001, 90, 335-341.   | 3.6 | 18        |
| 71 | 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       |