

██████████ is, since 2017, Associate Professor of Arboriculture and Fruitculture at the Department of Agriculture, Food and Environment of Catania University. In 2000 he graduated in Agricultural Science at Catania University with full marks and laude; thereafter he passed the professional examinations for being agronomist.

In 2004 he earned a ph.D in "Productivity of cultivated plants" with a thesis on "Citrus genetic improvement through genetic transformation and identification of useful genes". Since 2006 to 2017 he has been post-doc and researcher of Arboriculture and Fruitculture at Catania University. During the 2006 he attained the master in Plant breeding at the Centre international de Hautes Etudes Agronomiques Méditerranéennes (CIHEAM). He has research and teaching experience abroad and he participated to several research projects on fruit tree species. He has spent: 8 months at the 'Estación Experimental de Aula Dei, Consejo Superior de Investigaciones Científicas, Departamento de Pomología, Saragozza, Spain; 5 months at the Centre for Genetic Analysis and Applications and School of Environmental and Rural Science, University of New England, Australia; 3 weeks as 'Visiting professor' at the National Center for Citrus Improvement (Changsha), Hunan Agricultural University, China; 5 months as 'Visiting researcher' at the Department of Biological & Medical Sciences Oxford Brookes University, Oxford, UK.

In 2012 he passed the National scientific qualification exams at the level of Associate Professor. In 2020 he passed the National scientific qualification exams at the level of Full Professor.

Since 2012 he is teaching "Fruit crop genetic improvement" for the second level degree course in Agricultural Biotechnology.

He was member of the teaching board of ph.D. Course in "Agricultural, Food And Environmental Science" - Catania University for the XXIX cycle.

He is member of the teaching board of ph.D. Course in "Biotechnology" at Catania University and he has been supervisor of several ph.D students.

He is member of Scientific and Organizing Committee for International Symposium Current Trends in Natural Sciences, May 19 – 21, 2022 University of Pitesti, Romania.

He is member of Scientific and Organizing Committee for International Citrus Congress, 6-12 November, 2022 Mersin, Turkey.

He co-founded the Spin-off 'AgriUniTech' private company for plant breeding services.

He is, currently, the Head of the Spin-off 'AgriUniTech' private company for plant breeding services.

He is, currently, the Head of the course Agricultural Biotechnology at the University of Catania.

He is constitutor of six seedless table grape varieties patent

## **Research projects**

He is the work page scientific responsible for the project 'Sviluppo di Induttori di Resistenza a Patogeni vascolari degli Agrumi (SIRPA) action PO FESR 1.1.5 2014-2020

He is the work page scientific responsible for the European project "*Valorizing some pome and stone fruit germplasm variability to ensure resilience to climate change in the Mediterranean area*". Programma PRIMA 2021 Call: Section 2 Multitopics — Thematic Area 2-Farming systems, Topic 2.2 1

He has been and is actually involved, as participant in several research projects concerning different aspects of fruit tree crops and supported by several Italian and foreign Institutions.

-Programmi di Ricerca Scientifica di Rilevante Interesse Nazionale (PRIN) 2002; Title: Trasformazione genetica di agrumi con il gene della partenocarpia DefH9-iaaM e suoi derivati

-Programmi di Ricerca Scientifica di Rilevante Interesse Nazionale (PRIN) 2004; Title: Regolazione dello sviluppo dell'habitus vegetativo delle piante coltivate attraverso la trasformazione genetica: valutazione morfologica ed ecofisiologica di agrumi transgenici per i geni rol e phyB

-Programmi di Ricerca Scientifica di Rilevante Interesse Nazionale (PRIN) 2005; Title: Controllo del processo produttivo delle piante da frutto mediante l'analisi dei sistemi di incompatibilità fiorale, lo studio dei determinanti pollinici e stilari e il ruolo delle proteine nella fecondazione

-Progetti di ricerca finanziati dalla Comisión Interministerial de Ciencia y Tecnología 2003- 2006; Title: Biología reproductiva de especies frutales. Optimización de estrategias naturales.

-Programmi di Ricerca Scientifica di Rilevante Interesse Nazionale (PRIN) 2007; Title: Il processo produttivo delle piante arboree da frutto: aspetti molecolari, fisiologici ed agronomici dell'incompatibilità fiorale e strategie di controllo

-Progetti di ricerca finanziati dalla Comisión Interministerial de Ciencia y Tecnología 2007-2009 Title: Interacción polen-pistilo y regulación del cuajado en frutales

-Progetti di ricerca finanziati dalla Comisión Interministerial de Ciencia y Tecnología 2010-2012 Title: Desarrollo de flor y cuajado de fruto en frutales

- Programmi di Ricerca Scientifica di Rilevante Interesse Nazionale (PRIN) 2015; Title: Investigating Self Incompatibility Determinants in fruit trees (ISIDE)

### **Editorial activities**

Associate editor for 'Frontiers in Plant Science' Open Access Journal by Frontiers Research Foundation

Associate editor for 'Forests' Open Access Journal by MDPI (ISSN 1999-4907) Scopus

Associate editor for 'Crop Breeding, Genetics and Genomics', CBGG, Qingres, 16 St Martin's le Grand, London, EC1A 4EN, United Kingdom.

Guest editor for the special issue "Plant Molecular Biology and Biotechnology" American Journal of Plant Biology (AJPB)

Guest editor for the special issue "Genetic and Phenotypic Variation in Tree Crops Biodiversity" Forests (MDPI) 2021

Guest editor for the special issue "Breeding, Genetics, and Genomics of Fruit Crops" Agriculture (MDPI) 2022/2023

Editor of book:

Distefano G. Genetic and Phenotypic Variation in Tree Crops Biodiversity. 2022 Forests, MDPI. ISBN 978-3-0365-0638-5.

Author of book chapters in:

La Malfa S., Las Casas, Giuseppina, Caruso, Marco, Distefano, Gaetano, Gentile, Alessandra, Nicolosi, Elisabetta (2021). Molecular Characterization of *Opuntia* spp. In: S. La Malfa G. Las Casas M. Caruso G. Distefano A. Gentile E. Nicolosi. (a cura di): Mohamed Fawzy Ramadan Tamer E. Moussa Ayoub Sascha Rohn, *Opuntia* spp.: Chemistry, Bioactivity and Industrial Applications. p. 159-179, Springer, ISBN: 978-3-030-78443-0, doi: 10.1007/978-3-030-78444-7\_7

Distefano G., Giuseppina Las Casas, Xiuxin Deng, Lijun Chai (2020). Citrus reproductive biology from flowering to fruiting. In: Gaetano Distefano Giuseppina Las Casas Xiuxin Deng Lijun Chai. (a cura di): Alessandra Gentile Stefano La Malfa Ziniu Deng, *The Citrus Genome*. p. 167-176, New Delhi:Chittaranjan Kole, ISBN: 978-3-030-10799-4

Gentile A., Giuseppina Las Casas, Dalia Aiello, Alberto Continella, Gaetano Distefano, Stefano Giovanni La Malfa, Giuseppe Massimino Cocuzza, Elisabetta Nicolosi, Amedeo Palma, Giancarlo Polizzi, Alessandro Vitale (2019). Fitofagi e malattie del melograno. In: Dalia Aiello Giuseppe Massimino Cocuzza Giancarlo Polizzi Alessandro Vitale. (a cura di): Alessandra Gentile Giuseppina Las Casas, *Il melograno*. Milano:"Edagricole. Edizioni Agricole di New Business Media Srl", ISBN: 9788850655670

Distefano G., S. La Malfa (2019). Panorama varietale. In: G. Distefano S. La Malfa. (a cura di): A. Gentile G. Las Casas, *Il Melograno*. p. 31-48, Milano: Edagricole - Edizioni Agricole di New Business Media Srl, ISBN: 9788850655670

Altamura C., N. Biscotti, M. Caruso, P. Caruso, A. Continella, L. Concezzi, I. Dalla Ragione., G. D'Hallewin, G. Distefano, etc. (2016). Agrumi. In: Autori vari. (a cura di): C. Fideghelli, *Atlante dei fruttiferi autoctoni italiani*. vol. Volume 2, p. 397-476

## **Research activities**

Prof. Gaetano Distefano has been working on structural genomic and genetic transformation and on gene expression analysis mainly in Citrus species. He has worked in studies of phyletic relationship among Citrus species and related genera, and on molecular markers characterization of several fruit tree species (almond, carob, olive, pomegranate, pear, prickly pear, grape), developing new markers and new methods of analysis. He has also worked on traditional breeding programs for citrus and table grape supported by genetic and molecular information using Marker Assisted Selection (MAS), mutation scanning/SNPs analysis by High Resolution Melting (HRM) and in advances in DNA-derived data (Next Generation Sequencing –NGS) and innovative phenotyping in fruit tree crop selection in particular for citrus, almond and pear. Several studies have focused on gene identification and expression quantification in Citrus reproductive biology and fruit ripening. He has also a solid background in histology for flower biology and fruit quality traits evaluation.

### **Publications**

1. SEMINARA, S.; BENNICI, S.; DI GUARDO, M.; CARUSO, M.; GENTILE, A.; LA MALFA, S.; DISTEFANO, G. SWEET ORANGE: EVOLUTION, CHARACTERIZATION, VARIETIES, AND BREEDING PERSPECTIVES. AGRICULTURE 2023, 13, 264. <https://doi.org/10.3390/agriculture13020264>
2. CATALANO, C.; LAS CASAS, G.; GIUFFRIDA, A.; FERLITO, F.; DI GUARDO, M.; CONTINELLA, A.; BENNICI, S.; LA MALFA, S.; GENTILE, A.; DISTEFANO, G. REPRODUCTIVE BIOLOGY FACTORS HAMPERING LEMON [CITRUS LIMON (L.) BURM. F.] GENETIC IMPROVEMENT. AGRICULTURE 2022, 12, 2020. [HTTPS:// DOI.ORG/10.3390/AGRICULTURE12122020](https://doi.org/10.3390/agriculture12122020)
3. PUGLISI, D, CASAS, GL, FERLITO, F, NICOLOSI, E, DI GUARDO, M, SCOLLO, F, SAITTA, G, LA MALFA, S, GENTILE, A, DISTEFANO, G (2022). PARENTS' SELECTION AFFECTS EMBRYO RESCUE, SEED REGENERATION AND THE HEREDITY OF SEEDLESS TRAIT IN TABLE GRAPE BREEDING PROGRAMS. AGRICULTURE, VOL. 12, ISSN: 2077-0472, DOI: 10.3390/AGRICULTURE12081096
4. PARROTTA, L.; MARERI, L.; ALOISI, I.; FALERI, C.; DISTEFANO, G.; GENTILE, A.; LO PIERO, A.R.; KRIECHBAUMER, V.; CARUSO, M.; CAI, G.; DEL DUCA, S. (2022). EXPRESSION OF CLEMENTINE ASP-RICH PROTEINS (CCASP-RICH) IN TOBACCO PLANTS INTERFERES WITH THE MECHANISM OF POLLEN TUBE GROWTH. INT. J. MOL. SCI. 2022, 23, 7880. [HTTPS://DOI.ORG/ 10.3390/IJMS23147880](https://doi.org/10.3390/IJMS23147880)
5. FERLITO F., DI GUARDO M., ALLEGRA M., NICOLOSI E., CONTINELLA A., LA MALFA S., GENTILE A., DISTEFANO G. (2021). ASSESSMENT OF CHILLING REQUIREMENT AND THRESHOLD TEMPERATURE OF A LOW CHILL PEAR (PYRUS COMMUNIS L.) GERMPLASM IN THE

MEDITERRANEAN AREA. HORTICULTURAE, VOL. 7, 45, ISSN: 2311-7524, DOI: 10.3390/HORTICULTURAE7030045

6. CATALANO C., DI GUARDO M., DISTEFANO G., CARUSO M., NICOLOSI E., DENG Z., GENTILE A., LA MALFA S. G. (2021). BIOTECHNOLOGICAL APPROACHES FOR GENETIC IMPROVEMENT OF LEMON (CITRUS LIMON (L.) BURM. F.) AGAINST MAL SECCO DISEASE. PLANTS, VOL. 10, 1002, ISSN: 2223-7747, DOI: 10.3390/PLANTS10051002
7. GOUTA H., KSIA E., LAARIBI I., BENNICI S., LA MALFA S., GENTILE A., DISTEFANO G. (2021). EFFICIENCY OF S-GENOTYPING FOR DIVERSITY SCREENING AND SELF-INCOMPATIBLE GROUP IDENTIFICATION OF ALMOND CULTIVARS WITHIN THE MEDITERRANEAN BASIN. JOURNAL OF HORTICULTURAL SCIENCE AND BIOTECHNOLOGY, VOL. 96, P. 338-343, ISSN: 1462-0316, DOI: 10.1080/14620316.2020.1850214
8. DI GUARDO M., FARNETI B., KHOMENKO I., MODICA G., MOSCA A., DISTEFANO G., BIANCO L., TROGGIO M., SOTTILE F., LA MALFA S., BIASIOLI F., GENTILE A. (2021). GENETIC CHARACTERIZATION OF AN ALMOND GERMPLASM COLLECTION AND VOLATILOME PROFILING OF RAW AND ROASTED KERNELS. HORTICULTURE RESEARCH, VOL. 8, 27, ISSN: 2052-7276, DOI: 10.1038/S41438-021-00465-7
9. NICOLOSI E., IOVINO V., DISTEFANO G., DI GUARDO M., LA MALFA S., GENTILE A., PALLIOTTI A., CASAS G. L., FERLITO F. (2021). MID-TERM EFFECTS OF CONSERVATIVE SOIL MANAGEMENT AND FRUIT-ZONE EARLY LEAF REMOVAL TREATMENTS ON THE PERFORMANCE OF NERELLO MASCALESE (VITIS VINIFERA L.) GRAPES ON MOUNT ETNA (SOUTHERN ITALY). AGRONOMY, VOL. 11, 1070, ISSN: 2073-4395, DOI: 10.3390/AGRONOMY11061070
10. LANA G., MODICA G., CASAS G. L., SIRACUSA L., LA MALFA S., GENTILE A., SICILIA A., DISTEFANO G., CONTINELLA A. (2021). MOLECULAR INSIGHTS INTO THE EFFECTS OF ROOTSTOCKS ON MATURATION OF BLOOD ORANGES. HORTICULTURAE, VOL. 7, 468, ISSN: 2311-7524, DOI: 10.3390/HORTICULTURAE7110468
11. BENNICI S., CASAS G. L., DISTEFANO G., GENTILE A., LANA G., DI GUARDO M., NICOLOSI E., LA MALFA S., CONTINELLA A. (2021). ROOTSTOCK AFFECTS FLORAL INDUCTION IN CITRUS

ENGAGING THE EXPRESSION OF THE FLOWERING LOCUS T (CIFT). AGRICULTURE, VOL. 11, P. 1-11, ISSN: 2077-0472, DOI: 10.3390/AGRICULTURE11020140

12. MARIO DI GUARDO., MARCO MORETTO, MIRKO MOSER, CHIARA CATALANO, MICHELA TROGGIO, ZINIU DENG, ALESSANDRO CESARO., MARCO CARUSO, GAETANO DISTEFANO, STEFANO LA MALFA, LUCA BIANCO, ALESSANDRA GENTILE (2021). THE HAPLOTYPESOLVED REFERENCE GENOME OF LEMON (CITRUS LIMON L. BURM F.). TREE GENETICS & GENOMES, VOL. 17, 46, ISSN: 1614-2942, DOI: 10.1007/S11295-021-01528-5
13. BENNICI S., DI GUARDO M., DISTEFANO G., CASAS G. L., FERLITO F., DE FRANCESCHI P., DONDINI L., GENTILE A., LA MALFA S. (2020). DECIPHERING S-RNASE ALLELE PATTERNS IN CULTIVATED AND WILD ACCESSIONS OF ITALIAN PEAR GERMPLASM. FORESTS, VOL. 11, P. 1-13, ISSN: 1999-4907, DOI: 10.3390/F11111228
14. POLES L., LICCIARDELLO C., DISTEFANO G., NICOLOSI E., GENTILE A., MALFA S. L. (2020). RECENT ADVANCES OF IN VITRO CULTURE FOR THE APPLICATION OF NEW BREEDING TECHNIQUES IN CITRUS. PLANTS, VOL. 9, P. 1-25, ISSN: 2223-7747, DOI: 10.3390/PLANTS9080938
15. POLES L., GENTILE A., GIUFFRIDA A., VALENTINI L., ENDRIZZI I., APREA E., GASPERI F., DISTEFANO G., ARTIOLI G., LA MALFA S., COSTA F., LOVATTI L., DI GUARDO M. (2020). ROLE OF FRUIT FLESH CELL MORPHOLOGY AND MDPG1 ALLELOTYPE IN INFLUENCING JUICINESS AND TEXTURE PROPERTIES IN APPLE. POSTHARVEST BIOLOGY AND TECHNOLOGY, VOL. 164, ISSN: 0925-5214, DOI: 10.1016/J.POSTHARVBIO.2020.111161
16. MUCCILLI, VERA, VITALE, ALESSANDRO, SHENG, LING, GENTILE, ALESSANDRA, CARDULLO, NUNZIO, TRINGALI, CORRADO, OLIVERI, CINZIA, LA ROSA, ROSA, DI GUARDO, MARIO, LA MALFA, STEFANO, DENG, ZINIU, DISTEFANO, GAETANO (2020). SUBSTANTIAL EQUIVALENCE OF TRANSGENIC LEMON FRUIT SHOWING POSTHARVEST FUNGAL PATHOGENS RESISTANCE. JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY, ISSN: 0021-8561, DOI: 10.1021/ACS.JAFC.9B07925
17. DI GUARDO, M., SCOLLO, FRANCESCO, NINOT, A., ROVIRA, M., HERMOSO, J. F., DISTEFANO, G., LA MALFA, S., BATLLE, I. (2019). GENETIC STRUCTURE ANALYSIS AND SELECTION OF A

18. BENNICI, STEFANIA, DI GUARDO, MARIO, DISTEFANO, GAETANO, LA MALFA, STEFANO, PUGLISI, DAMIANO, ARCIDIACONO, FABIO, FERLITO, FILIPPO, DENG, ZINIU, GENTILE, ALESSANDRA, NICOLOSI, ELISABETTA (2019). INFLUENCE OF THE GENETIC BACKGROUND ON THE PERFORMANCE OF MOLECULAR MARKERS LINKED TO SEEDLESSNESS IN TABLE GRAPES. SCIENTIA HORTICULTURAE, VOL. 252, P. 316-323, ISSN: 0304-4238, DOI: 10.1016/J.SCIENTA.2019.03.060
19. BENNICI S., DISTEFANO G., LAS CASAS G., DI GUARDO M., LANA, GIUSEPPE, PACINI E., LA MALFA S., GENTILE A. (2019). TEMPERATURE STRESS INTERFERES WITH MALE REPRODUCTIVE SYSTEM DEVELOPMENT IN CLEMENTINE (CITRUS CLEMENTINA HORT. EX. TAN.). ANNALS OF APPLIED BIOLOGY, VOL. 175, P. 29-41, ISSN: 0003-4746, DOI: 10.1111/AAB.12508
20. BENNICI, STEFANIA MARIA, CASAS, GIUSEPPINA LAS, DISTEFANO, GAETANO, GUARDO, MARIO DI, CONTINELLA, ALBERTO, FERLITO, FILIPPO, GENTILE, ALESSANDRA, MALFA, STEFANO LA (2018). ELUCIDATING THE CONTRIBUTION OF WILD RELATED SPECIES ON AUTOCHTHONOUS PEAR GERMPLASM: A CASE STUDY FROM MOUNT ETNA. PLOS ONE, VOL. 13, E0198512, ISSN: 1932-6203, DOI: 10.1371/JOURNAL.PONE.0198512
21. GAETANO DISTEFANO, ALESSANDRA GENTILE, AFIF HEDHLY, STEFANO LA MALFA (2018). TEMPERATURES DURING FLOWER BUD DEVELOPMENT AFFECT POLLEN GERMINATION, SELF-INCOMPATIBILITY REACTION AND EARLY FRUIT DEVELOPMENT OF CLEMENTINE (CITRUS CLEMENTINA HORT. EX TAN.). PLANT BIOLOGY, VOL. 20, P. 191-198, ISSN: 1435-8603, DOI: 10.1111/PLB.12656
22. CONTINELLA A., C. PANNITTERI, S. LA MALFA, P. LEGUA, G. DISTEFANO, E. NICOLOSI, A. GENTILE (2018). INFLUENCE OF DIFFERENT ROOTSTOCKS ON YIELD PRECOCITY AND FRUIT QUALITY OF 'TAROCCO SCIRÈ' PIGMENTED SWEET ORANGE. SCIENTIA HORTICULTURAE, VOL. 230, P. 62-67, ISSN: 0304-4238
23. GIUSEPPINA LAS CASAS, GAETANO DISTEFANO, MARCO CARUSO, ELISABETTA NICOLOSI, ALESSANDRA GENTILE, STEFANO LA MALFA (2018). RELATIONSHIPS AMONG CULTIVATED

OPUNTIA FICUS-INDICA GENOTYPES AND RELATED SPECIES ASSESSED BY CYTOPLASMIC MARKERS. GENETIC RESOURCES AND CROP EVOLUTION, VOL. 65, P. 759-773, ISSN: 1573-5109, DOI: 10.1007/S10722-017-0569-2

24. GIUSEPPINA LAS CASAS, NICOLETTA ZINGALE, GAETANO DISTEFANO, MARCO CARUSO, ELISABETTA NICOLOSI, ALESSANDRA GENTILE, STEFANO LA MALFA (2017). GENETIC DIVERSITY IN OPUNTIA SPP. CULTIVATED FOR FORAGE PRODUCTION. JOURNAL OF THE PROFESSIONAL ASSOCIATION FOR CACTUS DEVELOPMENT, VOL. 19, P. 1-10, ISSN: 1938-663X
  
25. DISTEFANO, G., LO CICERO, L., LA MALFA, S., GENTILE, A., CARUSO, M., LONG, G., LO PIERO, A.R. 2016. SNPS WITHIN THE GLUTATHIONE S-TRANSFERASE GENES AS MARKERS FOR THE IDENTIFICATION OF MORE OR LESS STRESS RESPONSIVE SWEET ORANGE VARIETIES. ACTA HORTICULTURAE 1135, PP. 147-152
  
26. CARUSO, M., DISTEFANO, G., PIETRO PAOLO, D., LA MALFA, S., RUSSO, G., GENTILE, A., REFORGIATO RECUPERO, G. 2016. A RELIABLE AND COST-EFFECTIVE METHOD FOR THE EARLY IDENTIFICATION OF CITRUS ROOTSTOCK HYBRIDS USING HIGH RESOLUTION MELTING ANALYSIS. ACTA HORTICULTURAE 1135, PP. 17-22
  
27. DISTEFANO, G., LA MALFA, S., CURRÒ, S., LAS CASAS, G., WÜNSCH, A., GENTILE, A. 2015. HRM ANALYSIS OF CHLOROPLAST AND MITOCHONDRIAL DNA REVEALED ADDITIONAL GENETIC VARIABILITY IN PRUNUS. SCIENTIA HORTICULTURAE 197: 124–129.
  
28. CURRÒ, S, LA MALFA, S, DISTEFANO, G, LONG, G, SOTTILE, F, GENTILE, A. 2015. ANALYSIS OF S-ALLELE GENETIC DIVERSITY IN SICILIAN ALMOND GERMPLASM COMPARING DIFFERENT MOLECULAR METHODS. PLANT BREEDING 134, 713-718
  
29. ENRIQUETA ALÓS, GAETANO DISTEFANO, MARÍA JESÚS RODRIGO, ALESSANDRA GENTILE AND LORENZO ZACARÍAS 2015. DELAYED COLOR BREAK IN TARDIVO, A LATE RIPENING MANDARIN MUTANT, IS RELATED TO A DEFECTIVE ETHYLENE RESPONSE. ACTA HORTICULTURAE 1065, 1497-1506



30. GAETANO DISTEFANO, STEFANO LA MALFA, MARCO CARUSO, ANGELA ROBERTA LO PIERO, SHU-BIAO WU AND ALESSANDRA GENTILE 2015. GENOTYPING AND MUTATION SCANNING BY HIGH RESOLUTION MELTING (HRM) ANALYSIS OF CITRUS EST-SNPS AND SSRS. ACTA HORTICULTURAE 1065, 575-583
31. CARUSO M., LO CICERO L., DISTEFANO G., LA MALFA S., LO PIERO A.R., GENTILE A. 2015. TOWARDS THE FUNCTIONAL CHARACTERIZATION OF THE CLEMENTINE ASP-RICH PROTEIN ENCODING GENES, CANDIDATES FOR REGULATING GAMETOPHYTIC SELF-INCOMPATIBILITY. ACTA HORTICULTURAE 1065, 599-604
32. OLIVERI, C., DISTEFANO, G., LA MALFA, S., LA ROSA, R., DENG, Z.N., GENTILE, A. 2015. LEMON FRUITS FROM ENDOCHITINASE TRANSGENIC PLANTS EXHIBIT RESISTANCE AGAINST POSTHARVEST FUNGAL PATHOGENS. ACTA HORTICULTURAE 1065, 1639-1645
33. ALÓS, E., DISTEFANO, G., RODRIGO, M.J., GENTILE, A., ZACARÍAS, L. 2014. ALTERED SENSITIVITY TO ETHYLENE IN 'TARDIVO', A LATE-RIPENING MUTANT OF CLEMENTINE MANDARIN. PHYSIOLOGIA PLANTARUM 151, 507-521
34. CARUSO, M., G. DISTEFANO, D. PIETRO PAOLO, S. LA MALFA, G. RUSSO, A. GENTILE, AND G. REFORGIATO RECUPERO. 2014. HIGH RESOLUTION MELTING ANALYSIS FOR EARLY IDENTIFICATION OF CITRUS HYBRIDS: A RELIABLE TOOL TO OVERCOME THE LIMITATIONS OF MORPHOLOGICAL MARKERS AND ASSIST ROOTSTOCK BREEDING. SCIENTIA HORTICULTURAE 180: 199–206
35. LAS CASAS GIUSEPPINA, FRANCESCO SCOLLO, GAETANO DISTEFANO, ALBERTO CONTINELLA, ALESSANDRA GENTILE, STEFANO LA MALFA (2014). MOLECULAR CHARACTERIZATION OF OLIVE (OLEA EUROPAEA L.) SICILIAN CULTIVARS USING SSR MARKERS. BIOCHEM. SYST. ECOL. 57: 15-19
36. DISTEFANO, G., LA MALFA, S., GENTILE, A., WU, S.B. 2013. EST-SNP GENOTYPING OF CITRUS SPECIES USING HIGH-RESOLUTION MELTING CURVE ANALYSIS. TREE GENETICS AND GENOMES, VOLUME 9, 5, PP 1271-1281
37. DISTEFANO, G., CIRILLI, M., LAS CASAS, G., LA MALFA, S., CONTINELLA, A., RUGINI, E., THOMAS, B., LONG G., GENTILE A., MULEO, R. 2013. ECTOPIC EXPRESSION OF ARABIDOPSIS PHYTOCHROME B IN TROYER CITRANGE AFFECTS PHOTOSYNTHESIS AND PLANT MORPHOLOGY. SCIENTIA HORTICULTURAE 159 , PP. 1-7
38. DISTEFANO, G., CARUSO, M., LA MALFA, S., FERRANTE, T., DEL SIGNORE, B., GENTILE, A., SOTTILE, F. 2013. GENETIC DIVERSITY AND RELATIONSHIPS AMONG ITALIAN AND FOREIGN

ALMOND GERMPLASM AS REVEALED BY MICROSATELLITE MARKERS. SCIENTIA HORTICULTURAE 162, PP. 305-312

39. DISTEFANO, G., CARUSO, M., LA MALFA, S., GENTILE, A., WU, S.B. 2012. HIGH RESOLUTION MELTING ANALYSIS IS A MORE SENSITIVE AND EFFECTIVE ALTERNATIVE TO GEL-BASED PLATFORMS IN ANALYSIS OF SSR - AN EXAMPLE IN CITRUS. PLOS ONE 7 (8) , ART. NO. E44202
40. CARUSO M., MERELO P., DISTEFANO G., LA MALFA S., LO PIERO A.R., TADEO F.R., TALON M., GENTILE A. 2012. COMPARATIVE TRANSCRIPTOME ANALYSIS OF STYLAR CANAL CELLS IDENTIFIES NOVEL CANDIDATE GENES IMPLICATED IN THE SELF-INCOMPATIBILITY RESPONSE OF CITRUS CLEMENTINA. BMC PLANT BIOLOGY 12:20
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