

## **Curriculum vitae Prof. Alessandra Gentile**

### **1. PERSONAL DETAILS:**

Full name: Alessandra Gentile      date of birth 31.10.1963

nationality: Italian      passport number: ~~YA4030034~~

Country of residence: Italy

Institution: University of Catania (UNICT), Department of Agriculture, Food and Environment (Di3A), Via Valdisavioia 5, 95100 Catania (I) email: alessandra.gentile@unict.it

### **2. PROFILE:** short description of profile including main responsibilities and qualifications

**Research work.** Main interest in genetic improvement of fruit tree by traditional and innovative methods (considerable expertise through biotechnological approaches). Extensive research experience is connected with plant tissue culture, germplasm preservation and identification by molecular markers, and gene identification and isolation. She collaborates with different national and international research center (Department of Plant Genetics of the Weizmann Institute of Science of Rehovot, Israel; the Hebrew University of Jerusalem; the Instituto Valenciano de Investigaciones Agrarias, Valencia, Spain; Hunan Agricultural Sciences, Changsha, PR China). Coordinator, responsible and component of UR of PRIN, FIRB, CNR, PON projects 2006-date, Italia-Malta. Referee for the evaluation of grant of high scientific interest of the MiUR, of the Natural Environment Research Council (NERC), Directorate of Science and Technology, United Kingdom; Reviewer for international journal (European Journal of Phytopathology, Scientia Horticulturae, Plant Breeding, Journal of the American Society for Horticultural Science, Journal of molecular biology report, Journal of plant Physiology, BMC Plant Biology; PLOsOne ; ecc).

### ***Coordination of international and national research projects in the last 10 years***

- PSR mis. 124 (regione Siciliana) "Trasferimento di innovazioni tecniche, agronomiche e di gestione del prodotto nella filiera del ficodindia" (2011-2013)
- PSR mis. 124 (Regione Siciliana) "Trasferimento di innovazioni nel processo produttivo per il settore ortoflorofrutticolo" (2011-2013)
- POR FESR 2007-2013, mis.4.1.1.1 "SAGRO - Fotovoltaico di III generazione: sviluppo di celle solari sensibilizzate con coloranti estratti da pigmenti vegetali siciliani"(2011-2014)
- Project Italia-Malta (2011-2013): "Monitoraggio delle risorse idriche sotterranee ed interventi per il controllo dell'intrusione marina e per la riduzione dell'inquinamento da attività agricole – MORISO"
- Project Italia-Malta (2011-2013): "La protezione dell'ambiente nelle isole del Mediterraneo attraverso la valorizzazione di un sistema colturale arboreo – PROMED" – (2013-2015):
- Project Italia-Malta (2013-2015): Strategic project "Vigna Energetica - ViEnergy" (2013-2015)
- *Investigating Self Incompatibility DETERMINANTS in fruit trees (ISIDE)*. Research projects of relevant national interest (PRIN) funded by Italian Ministry of University and Research (2017-2020)
- PSR 2014-2020 mis 16.1 (regione Siciliana) "Introduzione nel Sistema vivaistico di nuovi portinnesti di elevato valore agronomico e di protocolli innovative di propagazione per l'agrumicoltura siciliana"
- PNRR 2022-2026: CN Agritech, coordinator of the research unit of Catania University

#### *Responsability of local unit of international project*

- H2020 – SFS -2018-2020 “Preventing HLB epidemics for ensuring citrus survival in Europe” (June 2019-June2023)
- PRIMA 2018 project “FRUIT CROPS RESILIENCE TO CLIMATE CHANGE IN THE MEDITERRANEAN BASIN” (march 2019-march 2023)

#### **3. EDUCATION:** List of academic degrees and year awarded

1987: university degree in Agricultural Sciences (University of Catania)

1992: Ph.D. in "Productivity of cultivated plants" with a thesis on "Biotechnological approaches on genetic improvement of lemon for tolerance to mal secco"

#### **4. PROFESSIONAL EXPERIENCE:** list of current and past positions

- from 2006 to present : full professor, University of Catania (Italy)
- member of the Italian committee for the ASN, macrosettore concorsuale 07B2
- Member of the Management Board, Council for Agricultural Research and Economics, Rome, Italy (2016 -2019).
- Member of the Management Board of the University of Palermo (Italy) from 2019 to 2022
- Member of the Nucleo di Valutazione of the university of Palermo (Italy) from 2023 to 2026
- Member of the Scientific Committee of The Research center “Fondazione Edmund Mach” from 2021-2026
- Delegate of the Rector for Research at Catania University (2017-2019)
- from 2001 to 2006: associate professor, University of Catania (Italy)
- from 1994 to 2001: researcher University of Catania
- Director of Department of Horticulture and Food Technology of Catania University (2009-2010)
- Vice-dean of the Faculty of Agriculture, University of Catania, Italy (2004-2006)
- Vice Rector of Catania University (2013 - 2016)
- Deputy Commissioner of Council for Agricultural Research and Economics, Rome, Italy (2015-2016)
- "Shennong Scholar" Chair professor of Hunan Agricultural University Changsha, China (2012-2015; 2018-2023)
- Visiting professor (1993) at Department of Plant Genetics of the Weizmann Institute of Science of Rehovot, Israel
- Member of the following Accademia: Accademia dei Georgofili (Firenze), Accademia nazionale di Agricoltura (Bologna), Accademia Gioenia di Catania
- Member of the Council of the Accademia dei Georgofili, Sezione Sud-Ovest (2020)
- Member of the following scientific society: ISHS, Italian Society of agricultural genetic (SIGA), Italian society of horticulture (SOI), International Society of Citriculture (delegate for Italy)
- Co-founder of the Spin-off ‘AgriUniTech’ private company for plant breeding services

#### Publication and other research products

- ✓ Authors of more than 250 papers on international and national journals and oral communications in national and international Congress
- ✓ 111 papers in Scopus (2061 total citations e HI=23)
- ✓ CoEditor of the n. 892 di ACTA HORTICULTURAE, ISHS.

- ✓ CoEditor of Proceedings of VII International Citrus Congress, 1318pp.
- ✓ CoEditor of the volume "Citrus genome" of Springer nature, 2019
- ✓ Co-Editor of the volume "Arboricoltura speciale" of New Business media, 2022
- ✓ constitutor of three seedless table grape varieties patent

## LIST of PUBLICATION

2022

Parrotta, Luigi, Mareri, Lavinia, Aloisi, Iris, Faleri, Claudia, Distefano, Gaetano, Gentile, Alessandra, Lo Piero, Angela Roberta, Kriechbaumer, Verena, Caruso, Marco, Cai, Giampiero, Del Duca, Stefano (2022). Expression of Clementine Asp-Rich Proteins (CcASP-RICH) in Tobacco Plants Interferes with the Mechanism of Pollen Tube Growth. INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, vol. 23, ISSN: 1422-0067, doi: 10.3390/ijms23147880

2022

Modica, Giulia, Pannitteri, Claudia, Di Guardo, Mario, La Malfa, Stefano, Gentile, Alessandra, Ruberto, Giuseppe, Pulvirenti, Luana, Parafati, Lucia, Continella, Alberto, Siracusa, Laura (2022). Influence of rootstock genotype on individual metabolic responses and antioxidant potential of blood orange cv. Tarocco Scirè. JOURNAL OF FOOD COMPOSITION AND ANALYSIS, vol. 105, ISSN: 0889-1575, doi: 10.1016/j.jfca.2021.104246

2022

Modica, G., Siracusa, L., Pulvirenti, L., Ruberto, G., Di Guardo, M., La Malfa, S., Gentile, A., Continella, A. (2022). Influence of the rootstock and the environment on qualitative traits and phenolic composition in blood oranges. ACTA HORTICULTURAE, p. 211-218, ISSN: 0567-7572, doi: 10.17660/ActaHortic.2022.1353.26

2022

Modica G., Siracusa L., Ruberto G., Di Guardo M., La Malfa S., Gentile A., Continella A. (2022). L'accumulo di polifenoli dipende dal portinnesto e dalle temperature invernali. RIVISTA DI FRUTTICOLTURA E DI ORTOFLORICOLTURA, vol. 1, p. 22-25, ISSN: 0392-954X

2022

Gentile, A., La Malfa, S. (2022). Needs and strategies for breeding and sustainable use of genetic resources in Opuntia. ACTA HORTICULTURAE, p. 23-30, ISSN: 0567-7572, doi: 10.17660/ActaHortic.2022.1343.4

2022

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

2022

Sicilia, Angelo, Russo, Riccardo, Caruso, Marco, Arlotta, Carmen, Di Silvestro, Silvia, Gmitter, Frederick G., Gentile, Alessandra, Nicolosi, Elisabetta, Lo Piero, Angela Roberta (2022). Transcriptome Analysis of *Plenodomus tracheiphilus* Infecting Rough Lemon (*Citrus jambhiri* Lush.) Indicates a Multifaceted Strategy during Host Pathogenesis. BIOLOGY, vol. 11, ISSN: 2079-7737, doi: 10.3390/biology11050761

2021

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

2021

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

2021

Di Guardo M., Moretto M., Moser M., Catalano C., Troggio M., Deng Z., Cestaro A., Caruso M., Distefano G., La Malfa S., Bianco L., Gentile A. (2021). Correction to: The haplotype-resolved reference genome of lemon (*Citrus limon* L. Burm f.). TREE GENETICS & GENOMES, vol. 17, ISSN: 1614-2950, doi: 10.1007/s11295-021-01531-w

2021

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

2021

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

2021

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

2021

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

2021

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 *ft* (Cift). *AGRICULTURE*, vol. 11, p. 1-11, ISSN: 2077-0472, doi: 10.3390/agriculture11020140

2021

Russo V., Continella A., Drago C., Gentile A., La Malfa S., Leotta C. G., Pulvirenti L., Ruberto G., Pitari G. M., Siracusa L. (2021). Secondary metabolic profiles and anticancer actions from fruit extracts of immature pomegranates. *PLOS ONE*, vol. 16, p. 1-15, ISSN: 1932-6203, doi: 10.1371/journal.pone.0255831

2021

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 haplotype-resolved 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

2020

D'Aquino S., Continella A., Gentile A., Dai S., Deng Z., Palma A. (2020). Decay control and quality of individually film-wrapped lemons treated with sodium carbonate. *FOOD CONTROL*, vol. 108, ISSN: 0956-7135, doi: 10.1016/j.foodcont.2019.106878

2020

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

2020

Ferlito F., Allegra M., Torrisi B., Pappalardo H., Gentile A., La Malfa S., Continella A., Stagno F., Nicolosi E. (2020). Early defoliation effects on water status, fruit yield and must quality of 'Nerello mascalese' grapes. *SCIENTIA AGRÍCOLA*, vol. 77, ISSN: 0103-9016, doi: 10.1590/1678-992x-2019-0025

2020

S. Bennici, G. Las Casas, G. Distefano, M. Di Guardo, F. Allegra, A. Continella, E. Nicolosi, L. Dondini, P. De Franceschi, F. Ferlito, S. La Malfa, A. Gentile (2020). Germoplasma siciliano una riserva di caratteri di interesse agronomico. *RIVISTA DI FRUTTICOLTURA E DI ORTOFLORICOLTURA*, p. 28-32, ISSN: 0392-954X

2020

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

2020

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

2020

Caruso M., Continella A., Modica G., Pannitteri C., Russo R., Salonia F., Arlotta C., Gentile A., Russo G. (2020). Rootstocks influence yield precocity, productivity, and pre-harvest fruit drop of mandared pigmented mandarin. AGRONOMY, vol. 10, agronomy10091305, ISSN: 2073-4395, doi: 10.3390/agronomy10091305

2020

Ferlito F., Distefano G., Gentile A., Allegra M., Lakso A. N., Nicolosi E. (2020). Scion–rootstock interactions influence the growth and behaviour of the grapevine root system in a heavy clay soil. AUSTRALIAN JOURNAL OF GRAPE AND WINE RESEARCH, vol. 26, p. 68-78, ISSN: 1322-7130, doi: 10.1111/ajgw.12415

2020

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

2020

Aloisi I., Distefano G., Antognoni F., Potente G., Parrotta L., Faleri C., Gentile A., Bennici S., Mareri L., Cai G., Del Duca S. (2020). Temperature-Dependent Compatible and Incompatible Pollen-Style Interactions in Citrus clementina Hort. ex Tan. Show Different Transglutaminase Features and Polyamine Pattern. FRONTIERS IN PLANT SCIENCE, vol. 11, 1018, ISSN: 1664-462X, doi: 10.3389/fpls.2020.01018

2020

Lana G., Zacarias-Garcia J., Distefano G., Gentile A., Rodrigo M. J., Zacarias L. (2020). Transcriptional analysis of carotenoids accumulation and metabolism in a pink-fleshed lemon mutant. GENES, vol. 11, p. 1-16, ISSN: 2073-4425, doi: 10.3390/genes11111294

2019

Continella A., Pannitteri C., Modica G., Gentile A., la Malfa S., Hernandez F., Legua P. (2019). Evolution of fruit maturation of some pomegranate (Punica granatum L.) cultivars in two Mediterranean areas. ACTA HORTICULTURAE, vol. 1254, p. 97-102, ISSN: 0567-7572, doi: 10.17660/ActaHortic.2019.1254.15

2019

A. Gentile, S. La Malfa (2019). Il miglioramento genetico per la resistenza agli insetti: una sfida difficile ed attuale. BOLLETTINO DELL'ACCADEMIA GIOENIA DI SCIENZE NATURALI IN CATANIA, vol. 52, p. 10-16, ISSN: 0393-7143

2019

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

2019

STEFANO LA MALFA, ALBERTO CONTINELLA, ZINIU DENG, ALESSANDRA GENTILE (2019). L'agrumicoltura cinese: espansione e grande biodiversità varietale. *RIVISTA DI FRUTTICOLTURA E DI ORTOFLORICOLTURA*, p. 29-33, ISSN: 0392-954X

2019

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

2019

Francesco Chianucci, Piermaria Corona, Alessandra Gentile, Walter Mattioli, Michele Pisante, Nicola Puletti (2019). mappati gli oliveti italiani coprono 1,2 milioni di ettari. *TERRA È VITA*, vol. 36, p. 72-73, ISSN: 2421-356X

2018

Giuseppina Las Casas, Gaetano Distefano, Alberto Continella, Elisabetta Nicolosi, Stefano La Malfa, Alessandra Gentile (2018). Effetto di diversi regimi termici sulla biologia riproduttiva dei Citrus. *RIVISTA DI FRUTTICOLTURA E DI ORTOFLORICOLTURA*, vol. 1, p. 42-46, ISSN: 0392-954X

2018

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

2018

Filippo, Ferlito, Elisabetta, Nicolosi, Stefano La, Malfa, Antonio, Cicala, Alessandra, Gentile (2018). First characterisation of minor and neglected *Vitis vinifera* L. cultivars from Mount Etna. *ZAHRADNICTVI*, vol. 45, p. 37-46, ISSN: 0862-867X, doi: 10.17221/198/2016-HORTSCI

2018

A. Continella, PANNITTERI, CLAUDIA RITA, 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, doi: 10.1016/j.scienta.2017.11.006

2018

CONTINELLA, ALBERTO, RESTUCCIA, Cristina, Brighina S, Pannitteri C, GENTILE, Alessandra, LA MALFA, Stefano Giovanni (2018). Influence of washing treatment on ready-to-eat pomegranate arils quality and safety. *ACTA HORTICULTURAE*, vol. 1194, p. 915-919, ISSN: 0567-7572, doi: 10.17660/ActaHortic.2018.1194.129

2018

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

2018

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

2017

D'Aquino S, Dai SM, Deng ZN, GENTILE, Alessandra, Angioni A, De Pau L, Palma A. (2017). A sequential treatment with sodium hypochlorite and a reduced dose of imazalil heated at 50°C effectively control decay of individually film-wrapped lemons stored at 20°C. POSTHARVEST BIOLOGY AND TECHNOLOGY, vol. 124, p. 75-84, ISSN: 0925-5214, doi: 10.1016/j.postharvbio.2016.10.006

2017

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

2017

Pannitteri C., CONTINELLA, ALBERTO, Lo Cicero L., GENTILE, Alessandra, LA MALFA, Stefano Giovanni, Sperlinga E., Napoli E. M., Strano T., Ruberto G., Siracusa L. (2017). Influence of postharvest treatments on qualitative and chemical parameters of Tarocco blood orange fruits to be used for fresh chilled juice. FOOD CHEMISTRY, vol. 230, p. 441-447, ISSN: 1873-7072, doi: <http://doi.org/10.1016/j.foodchem.2017.03.041>

2017

CONTINELLA, ALBERTO, Pannitteri C., Caruso M., GENTILE, Alessandra, Russo G., LA MALFA, Stefano Giovanni (2017). Influenza del portinnesto su messa a frutto e contenuto antocianico nei frutti. RIVISTA DI FRUTTICOLTURA E DI ORTOFLORICOLTURA, p. 46-49, ISSN: 0392-954X

2017

Xiao C, Yao RX, Li F, Dai SM, Licciardello G, Catara A, GENTILE, Alessandra, Deng ZN (2017). Population structure and diversity of citrus tristeza virus (CTV) isolates in Hunan province, China. ARCHIVES OF VIROLOGY, vol. 162, p. 409-423, ISSN: 0304-8608, doi: 10.1007/s00705-016-3089-z

2017

Li, Fei-fei, Gong, Lei, Deng, Zi-niu, Gentile, Alessandra, Long, Gui-you, Li, Da-zhi, Peng, Ji-miao, Li, De-jin, Lu, Xiao-peng (2017). Seed, sugar and acid characteristics of 'Zaomi' Ponkan (*Citrus reticulata* Blanco), a spontaneous mutant of 'Xinnu'. SCIENTIA HORTICULTURAE, vol. 225, p. 707-715, ISSN: 0304-4238, doi: 10.1016/j.scienta.2017.08.013



2016

Caruso M., DISTEFANO, GAETANO, Pietro Paolo D., LA MALFA, Stefano Giovanni, Russo G., GENTILE, Alessandra, 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, vol. 1135, p. 17-22, ISSN: 0567-7572, doi: 10.17660/ActaHortic.2016.1135.3

2016

Scollo F., Egea L. A., GENTILE, Alessandra, LA MALFA, Stefano Giovanni, Dorado G., Hernandez P. (2016). Absolute quantification of olive oil DNA by droplet digital-PCR (ddPCR): Comparison of isolation and amplification methodologies. FOOD CHEMISTRY, vol. 213, p. 388-394, ISSN: 0308-8146, doi: 10.1016/j.foodchem.2016.06.086

2016

Lo Cicero L, Puglisi I, NICOLOSI, Elisabetta, GENTILE, Alessandra, Ferlito F, CONTINELLA, ALBERTO, LO PIERO, Angela Roberta (2016). Anthocyanin levels and expression analysis of biosynthesis-related genes during ripening of Sicilian and international grape berries subjected to leaf removal and water deficit. JOURNAL OF AGRICULTURAL SCIENCE AND TECHNOLOGY, vol. 18, p. 1333-1344, ISSN: 1680-7073

2016

Todaro A, Cavallaro R, LA MALFA, Stefano Giovanni, CONTINELLA, ALBERTO, GENTILE, Alessandra, Fischer U, Carle R, Spagna G. (2016). Anthocyanin profile and antioxidant activity of freshly squeezed pomegranate (*Punica Granatum* L.) Juices of sicilian and Spanish provenances. ITALIAN JOURNAL OF FOOD SCIENCE, vol. 28, p. 464-479, ISSN: 1120-1770

2016

DISTEFANO, GAETANO, Lo Cicero, L., LA MALFA, Stefano Giovanni, GENTILE, Alessandra, Caruso M., Long G., LO PIERO, Angela Roberta (2016). SNPs within the glutathione S-transferase genes as markers for the identification of more or less stress responsive sweet orange varieties. ACTA HORTICULTURAE, vol. 1135, p. 147-152, ISSN: 0567-7572, doi: 10.17660/ActaHortic.2016.1135.18

2015

SERGIO CURRO', LA MALFA, Stefano Giovanni, DISTEFANO, GAETANO, GUIYOU LONG, FRANCESCO SOTTILE, GENTILE, Alessandra (2015). Analysis of S-allele genetic diversity in Sicilian almond germplasm comparing different molecular methods. PLANT BREEDING, vol. 134, p. 713-718, ISSN: 0179-9541, doi: 10.1111/pbr.12318

2015

D'Aquino S, Palma A, CONTINELLA, ALBERTO, LA MALFA, Stefano Giovanni, GENTILE, Alessandra, Schirra M. (2015). Decay control of cactus pear by pre- and post-cold storage dip treatments with fludioxonil, sodium bicarbonate and water at 50°C. ACTA HORTICULTURAE, vol. 1067, p. 119-126, ISSN: 0567-7572, doi: <http://dx.doi.org/10.17660/ActaHortic.2015.1067.16>

2015

DISTEFANO, GAETANO, LO PIERO, Angela Roberta, LA MALFA, Stefano Giovanni, Caruso M., NICOLOSI, Elisabetta, Wu S., GENTILE, Alessandra (2015). Genotyping and

Mutation Scanning by High Resolution Melting (HRM) Analysis of Citrus EST-SNPs and SSRs. ACTA HORTICULTURAE, vol. 1065, p. 575-584, ISSN: 0567-7572

2015

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, vol. 197, p. 124-129, ISSN: 0304-4238, doi: 10.1016/j.scienta.2015.09.020

2015

Cinzia Oliveri, DISTEFANO, GAETANO, LA MALFA, Stefano Giovanni, LA ROSA, Rosa, Ziniu N. Deng, GENTILE, Alessandra (2015). Lemon Fruits from Endochitinase Transgenic Plants Exhibit Resistance against Postharvest Fungal Pathogens. ACTA HORTICULTURAE, vol. 1065, p. 1639-1646, ISSN: 0567-7572

2015

Palma A., CONTINELLA, ALBERTO, LA MALFA, Stefano Giovanni, GENTILE, Alessandra, D'Aquino S. (2015). Overall quality of ready-to-eat pomegranate arils processed from cold stored fruit. POSTHARVEST BIOLOGY AND TECHNOLOGY, vol. 109, p. 1-9, ISSN: 0925-5214, doi: <http://dx.doi.org/10.1016/j.postharvbio.2015.06.001>

2015

Caruso M., Lo Cicero L., DISTEFANO, GAETANO, LA MALFA, Stefano Giovanni, LO PIERO, Angela Roberta, GENTILE, Alessandra (2015). Towards the functional characterization of the clementine Asp-rich protein encoding genes, candidates for regulating gametophytic self-incompatibility. ACTA HORTICULTURAE, vol. 1065, p. 599-604, ISSN: 0567-7572

2014

Alós E, DISTEFANO, GAETANO, Rodrigo MJ, GENTILE, Alessandra, Zacarías L. (2014). Altered sensitivity to ethylene in 'Tardivo', a late-ripening mutant of Clementine mandarin. PHYSIOLOGIA PLANTARUM, vol. 151, p. 507-521, ISSN: 0031-9317, doi: 10.1111/ppl.12133

2014

Ferlito F, NICOLOSI, Elisabetta, GENTILE, Alessandra, LO PIERO, Angela Roberta, CONTINELLA, ALBERTO (2014). Early leaf removal and water stress influence on grape quality in an arid environment of Sicily. THE AUSTRALIAN & NEW ZEALAND GRAPEGROWER & WINEMAKER, p. 38-47, ISSN: 1446-8212

2014

LA MALFA, Stefano Giovanni, Currò S, Bugeja Douglas A, Brugaletta M, Caruso M, GENTILE, Alessandra (2014). Genetic diversity revealed by EST-SSR markers in carob tree (Ceratonia siliqua L.). BIOCHEMICAL SYSTEMATICS AND ECOLOGY, vol. 55, p. 205-211, ISSN: 0305-1978, doi: 10.1016/j.bse.2014.03.022

2014

Caruso M, DISTEFANO, GAETANO, Pietro Paolo D, LA MALFA, Stefano Giovanni, Russo G, GENTILE, Alessandra, Reforgiato Recupero G. (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, vol. 180, p. 199-206, ISSN: 0304-4238, doi: 10.1016/j.scienta.2014.10.024

2014

LA MALFA, Stefano Giovanni, CONTINELLA, ALBERTO, Pannitteri C, Sorbello D, Lo Cicero L, GENTILE, Alessandra (2014). Melograno in Sicilia: valorizzazione del germoplasma autoctono ed interventi per la filiera produttiva. NOTIZIARIO RISORSE GENETICHE VEGETALI, vol. Anno XIV, p. 10-14, ISSN: 1974-2738

2014

Las Casas G, Scollo F, DISTEFANO, GAETANO, CONTINELLA, ALBERTO, GENTILE, Alessandra, LA MALFA, Stefano Giovanni (2014). Molecular characterization of olive (*Olea europaea* L.) Sicilian cultivars using SSR markers. BIOCHEMICAL SYSTEMATICS AND ECOLOGY, vol. 57, p. 15-19, ISSN: 0305-1978, doi: 10.1016/j.bse.2014.07.010

2014

Ferlito F., NICOLOSI, Elisabetta, GENTILE, Alessandra, LO PIERO, Angela Roberta, Squadrito M., CONTINELLA, ALBERTO (2014). Responses of four winegrape varieties to managed water stress and partial defoliation in an arid environment. VITIS, vol. 53, p. 73-80, ISSN: 0042-7500

2013

DISTEFANO, GAETANO, LA MALFA, Stefano Giovanni, GENTILE, Alessandra, Wu SB (2013). EST-SNP genotyping of citrus species using high-resolution melting curve analysis. TREE GENETICS & GENOMES, vol. 9, p. 1271-1281, ISSN: 1614-2942, doi: 10.1007/s11295-013-0636-6

2013

DISTEFANO, GAETANO, Cirilli M., Las Casas G., LA MALFA, Stefano Giovanni, CONTINELLA, ALBERTO, Rugini E., Thomas B., Long G., GENTILE, Alessandra, Muleo R. (2013). Ectopic expression of Arabidopsis phytochrome B in Troyer citrange affects photosynthesis and plant morphology. SCIENTIA HORTICULTURAE, vol. 159, p. 1-7, ISSN: 0304-4238, doi: <http://dx.doi.org/10.1016/j.scienta.2013.04.022>

2013

Ballistreri G., CONTINELLA, ALBERTO, GENTILE, Alessandra, Amenta M., Fabroni S., Rapisarda P. (2013). Fruit quality and bioactive compounds relevant to human health of sweet cherry (*Prunus avium* L.) cultivars grown in Italy. FOOD CHEMISTRY, vol. 140, p. 630-638, ISSN: 0308-8146, doi: 10.1016/j.foodchem.2012.11.024

2013

DISTEFANO, GAETANO, Caruso M, LA MALFA, Stefano Giovanni, Ferrante T, Del Signore B, GENTILE, Alessandra, Sottile F. (2013). Genetic diversity and relationships among Italian and foreign almond germplasm as revealed by microsatellite markers. SCIENTIA HORTICULTURAE, vol. 162, p. 305-312, ISSN: 0304-4238, doi: <http://dx.doi.org/10.1016/j.scienta.2013.08.030>

2013

CURRÒ S, FERLITO F, PISCIOTTA A, LA MALFA, Stefano Giovanni, DI LORENZO R, GENTILE, Alessandra (2013). NUOVI INCROCI DI UVE APIRENE OTTENUTI CON LA

TECNICA DELL'"EMBRYO RESCUE". RIVISTA DI FRUTTICOLTURA E DI ORTOFLORICOLTURA, p. 34-37, ISSN: 0392-954X

2013

DISTEFANO, GAETANO, Caruso M, Currò S, GENTILE, Alessandra, LA MALFA, Stefano Giovanni, Las Casas G, Rapisarda P. (2013). Studio della biologia riproduttiva e della maturazione del clementine attraverso l'analisi di mutanti naturali. ITALUS HORTUS, vol. 9, p. 10-14, ISSN: 1127-3496

2012

CARUSO M, MERELO P, DISTEFANO, GAETANO, LA MALFA, Stefano Giovanni, LO PIERO, Angela Roberta, TADEO FR, TALON M, GENTILE, Alessandra (2012). Comparative transcriptome analysis of stylar canal cells identifies novel candidate genes implicated in the self-incompatibility response of Citrus clementina. BMC PLANT BIOLOGY, vol. 12, p. 1-18, ISSN: 1471-2229, doi: 10.1186/1471-2229-12-20

2012

DISTEFANO, GAETANO, Caruso M, LA MALFA, Stefano Giovanni, GENTILE, Alessandra, Wu SB (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, vol. 7, p. 1-11, ISSN: 1932-6203, doi: 10.1371/journal.pone.0044202

2012

S. D'AQUINO, A. BARBERIS, CONTINELLA, ALBERTO, LA MALFA, Stefano Giovanni, GENTILE, Alessandra, M. SCHIRRA (2012). INDIVIDUAL AND COMBINED EFFECTS OF POSTHARVEST DIP TREATMENTS WITH WATER AT 50°C, SOY LECITHIN AND SODIUM CARBONATE ON COLD STORED CACTUS PEAR FRUITS. COMMUNICATIONS IN AGRICULTURAL AND APPLIED BIOLOGICAL SCIENCES, vol. 77, p. 207-217, ISSN: 1379-1176

2012

Caruso M, DISTEFANO, GAETANO, LA MALFA, Stefano Giovanni, GENTILE, Alessandra, Merelo P, Tadeo FR, Talon M. (2012). Identification of candidate genes involved in the self incompatibility response in clementine. ACTA HORTICULTURAE, vol. 967, p. 127-132, ISSN: 0567-7572

2012

NICOLOSI, Elisabetta, CONTINELLA, ALBERTO, GENTILE, Alessandra, Cicala A., Ferlito F. (2012). Influence of early leaf removal on autochthonous and international grapevines in Sicily. SCIENTIA HORTICULTURAE, vol. 146, p. 1-6, ISSN: 0304-4238, doi: 10.1016/j.scienta.2012.07.033

2012

DISTEFANO, GAETANO, Hedhly A, Las Casas G, LA MALFA, Stefano Giovanni, Herrero M, GENTILE, Alessandra (2012). Male-female interaction and temperature variation affect pollen performance in Citrus. SCIENTIA HORTICULTURAE, vol. 140, p. 1-7, ISSN: 0304-4238, doi: <http://dx.doi.org/10.1016/j.scienta.2012.03.011>

2012

D'Aquino S, Schirra M, GENTILE, Alessandra, Tribulato E, LA MALFA, Stefano Giovanni, Palma A. (2012). POSTHARVEST LECITHIN APPLICATION IMPROVES STORABILITY

OF 'PRIMOSOLE' POMEGRANATES. ACTA HORTICULTURAE, vol. 934, p. 733-739, ISSN: 0567-7572

2012

GENTILE, Alessandra, Antognoni F, Iorio RA, DISTEFANO, GAETANO, Las Casas G, LA MALFA, Stefano Giovanni, Serafini Fracassini D, Del Duca S. (2012). Polyamines and transglutaminase activity are involved in compatible and self-incompatible pollination of *Citrus grandis*. AMINO ACIDS, vol. 42, p. 1025-1035, ISSN: 0939-4451, doi: DOI 10.1007/s00726-011-1017-9

2012

LA MALFA, Stefano Giovanni, Caruso, M., GENTILE, Alessandra, Birceyudum Eman, Ş., Aka Kaçar, Y. , Ozguven, A. (2012). Pomegranate molecular characterization through AFLP and newly identified SSR markers. ACTA HORTICULTURAE, vol. 940, p. 201-206, ISSN: 0567-7572

2012

CONTINELLA, ALBERTO, LA MALFA, Stefano Giovanni, La Rosa G, GENTILE, Alessandra (2012). Portinnesti: reimpianti e nuovi agrumeti. TERRA E VITA, vol. supplemento al n. 8, p. 6-7, ISSN: 0040-3776

2012

Curro S., Caruso M., Las Casas G., LA MALFA, Stefano Giovanni, GENTILE, Alessandra (2012). SSR and EST-SSR markers for *Opuntia* spp. fingerprinting and genetic diversity evaluation. ACTA HORTICULTURAE, vol. 940, p. 29-35, ISSN: 0567-7572

2011

DISTEFANO, GAETANO, Caruso M, LAS CASAS, GIUSEPPINA, LA MALFA, Stefano Giovanni, GENTILE, Alessandra (2011). Biologia riproduttiva degli agrumi: nuove acquisizioni per una più razionale programmazione degli impianti. RIVISTA DI FRUTTICOLTURA E DI ORTOFLORICOLTURA, vol. 1-2, p. 66-70, ISSN: 0392-954X

2011

LA MALFA, Stefano Giovanni, DISTEFANO, GAETANO, F. Domina, NICOLOSI, Elisabetta, V. Toscano, GENTILE, Alessandra (2011). Evaluation of citrus rootstock transgenic for rolABC genes. ACTA HORTICULTURAE, vol. 892, p. 131-140, ISSN: 0567-7572

2011

LA MALFA, Stefano Giovanni, CONTINELLA, ALBERTO, Domina F, GENTILE, Alessandra, Palma A, D'Aquino S. (2011). Il melograno in Italia verso l'industrializzazione della coltura. RIVISTA DI FRUTTICOLTURA E DI ORTOFLORICOLTURA, vol. 11, p. 46-53, ISSN: 0392-954X

2011

DISTEFANO, GAETANO, GENTILE, Alessandra, Herrero M. (2011). Pollen–pistil interactions and early fruiting in parthenocarpic citrus. ANNALS OF BOTANY, vol. 108, p. 499-599, ISSN: 0305-7364, doi: doi:10.1093/aob/mcr187

2010

LA MALFA, Stefano Giovanni, VENTURA M, GIOACCHINI P, TRIBULATO E, GENTILE, Alessandra, TAGLIAVINI M. (2010). 15N natural abundance technique does not reveal the presence of nitrogen from biological fixation in field grown carob (*Ceratonia siliqua* L.) trees. *ACTA HORTICULTURAE*, vol. 868, p. 191-196, ISSN: 0567-7572

2010

CARUSO M, CURRÒ S, LAS CASAS G, LA MALFA, Stefano Giovanni, GENTILE, Alessandra (2010). Microsatellite markers help to assess genetic diversity among *Opuntia ficus indica* cultivated genotypes and their relation with related species. *PLANT SYSTEMATICS AND EVOLUTION*, vol. 290, p. 85-97, ISSN: 0378-2697, doi: 10.1007/s00606-010-0351-9

2010

CURRO'S, CARUSO M, DISTEFANO, GAETANO, GENTILE, Alessandra, LA MALFA, Stefano Giovanni (2010). New microsatellite loci for pomegranate, *Punica granatum* (Lythraceae). *AMERICAN JOURNAL OF BOTANY*, vol. 97, p. 58-60, ISSN: 0002-9122, doi: 10.3732/ajb.1000143

2009

D'AQUINO S, SCHIRRA M, PALMA A, ANGIONI A, CABRAS P, GENTILE, Alessandra, TRIBULATO E. (2009). EFFECTIVENESS OF FLUDIOXONIL IN CONTROL STORAGE DECAY ON POMEGRANATE FRUIT. *ACTA HORTICULTURAE*, vol. 818, p. 313-318, ISSN: 0567-7572

2009

DISTEFANO, GAETANO, CARUSO M, LA MALFA, Stefano Giovanni, GENTILE, Alessandra, TRIBULATO E. (2009). Histological and molecular analysis of pollen-pistil interaction in clementine. *PLANT CELL REPORTS*, vol. 28, p. 1439-1451, ISSN: 0721-7714, doi: 10.1007/s00299-009-0744-9

2009

BRUGALETTA M, LA MALFA, Stefano Giovanni, GENTILE, Alessandra, ALMEIDA R, ROMANO A. (2009). IN VITRO CULTURE ESTABLISHMENT OF *CERATONIA SILIQUA* (L.) MATURE TREES FROM CULTIVARS OF DIFFERENT MEDITERRANEAN COUNTRIES. *ACTA HORTICULTURAE*, vol. 812, p. 113-120, ISSN: 0567-7572

2009

CARUSO M, LA MALFA, Stefano Giovanni, LA ROSA G, GENTILE, Alessandra, TRIBULATO E, FRUTOS TOMAS D. (2009). MOLECULAR CHARACTERIZATION AND EVALUATION OF CAROB GERMPLASM. *ACTA HORTICULTURAE*, vol. 818, p. 95-102, ISSN: 0567-7572

2009

LA MALFA, Stefano Giovanni, GENTILE, Alessandra, DOMINA F, TRIBULATO E. (2009). PRIMOSOLE: A NEW SELECTION FROM SICILIAN POMEGRANATE GERMPLASM. *ACTA HORTICULTURAE*, vol. 818, p. 125-132, ISSN: 0567-7572

2009

DISTEFANO, GAETANO, LAS CASAS, GIUSEPPINA, CARUSO, MARCO, TODARO A, RAPISARDA, PAOLO, LA MALFA, Stefano Giovanni, GENTILE, Alessandra, TRIBULATO E. (2009). Physiological and molecular analysis of the maturation process in fruits of

Clementine Mandarin and one of its late-ripening mutants. JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY, vol. 57, p. 7974-7982, ISSN: 0021-8561, doi: 10.1021/jf900710v

2009

Distefano G., Las Casas G., La Malfa S., Gentile A., Tribulato E. (2009). Pollen tube behavior in different mandarin hybrids. JOURNAL OF THE AMERICAN SOCIETY FOR HORTICULTURAL SCIENCE, vol. 134, p. 583-588, ISSN: 0003-1062

2008

Spina S, Coco V, GENTILE, Alessandra, Catara A, CIRVILLERI, Gabriella (2008). Association of Fusarium Solani with RolABC and wild type troyer citrange. JOURNAL OF PLANT PATHOLOGY, vol. 90, p. 479-486, ISSN: 1125-4653

2008

CARUSO M, LA MALFA, Stefano Giovanni, PAVLÍČEK T, FRUTOS TOMÁS D, GENTILE, Alessandra, TRIBULATO E. (2008). Characterisation and assessment of genetic diversity in cultivated and wild carob (*Ceratonia siliqua* L.) genotypes using AFLP markers. JOURNAL OF HORTICULTURAL SCIENCE AND BIOTECHNOLOGY, vol. 83(2), p. 177-182, ISSN: 1462-0316

2008

DISTEFANO, GAETANO, LA MALFA, Stefano Giovanni, VITALE, ALESSANDRO, LORITO M, DENG Z, GENTILE, Alessandra (2008). DEFENCE-RELATED GENE EXPRESSION IN TRANSGENIC LEMON PLANTS PRODUCING AN ANTIMICROBIAL TRICHODERMA HARZIANUM ENDOCHITINASE DURING FUNGAL INFECTION. TRANSGENIC RESEARCH, vol. 17, p. 873-879, ISSN: 0962-8819, doi: 10.1007/S11248-008-9172-9

2008

CARUSO M, DISTEFANO, GAETANO, YE X, LA MALFA, Stefano Giovanni, GENTILE, Alessandra, TRIBULATO E, ROOSE M. L. (2008). Generation of expressed sequence tags from carob (*Ceratonia siliqua* L.) flowers for gene identification and marker development. TREE GENETICS & GENOMES, vol. 4, p. 869-879, ISSN: 1614-2942, doi: 10.1007/S11295-008-0159-8

2008

LA MALFA, Stefano Giovanni, BRUGALETTA M, CARUSO M, GENTILE, Alessandra, TRIBULATO E. (2008). Iniziative di ricerca per la coltura del carrubo in Sicilia. ITALUS HORTUS, vol. 15(3), p. 40-48, ISSN: 1127-3496

2007

GENTILE, Alessandra, DENG Z, LA MALFA, Stefano Giovanni, DISTEFANO, GAETANO, DOMINA F, VITALE, ALESSANDRO, POLIZZI, Giancarlo, LORITO M, TRIBULATO E. (2007). Enhanced resistance to *Phoma tracheiphila* and *Botrytis cinerea* in transgenic lemon plants expressing a *Trichoderma harzianum* chitinase gene. PLANT BREEDING, vol. 126, p. 146-151, ISSN: 0179-9541, doi: 10.1111/j.1439-0523.2007.01297.x

2007

GENTILE, Alessandra, POLIZZI, Giancarlo, LA MALFA, Stefano Giovanni, DOMINA F, VITALE, ALESSANDRO, DISTEFANO, GAETANO, TRIBULATO E. (2007). Espressione genica del sistema di difesa in piante di limone transgeniche per l'endochitinasi di *Trichoderma harzianum*. ITALUS HORTUS, vol. 14, p. 12-14, ISSN: 1127-3496

2007

DENG Z. N, LA MALFA, Stefano Giovanni, XIE Y. M, XIONG X. X, GENTILE, Alessandra (2007). Identification and evaluation of chloroplast uni- and trinucleotide sequence repeats in citrus. SCIENTIA HORTICULTURAE, vol. 111, p. 186-192, ISSN: 0304-4238

2007

LA MALFA, Stefano Giovanni, BRUGALETTA M, CARUSO M, GENTILE, Alessandra (2007). LA BIODIVERSITÀ DEL CARRUBO: ASPETTI BIOAGRONOMICI E MOLECOLARI. RIVISTA DI FRUTTICOLTURA E DI ORTOFLORICOLTURA, vol. 6, p. 44-48, ISSN: 0392-954X

2006

MONTE M, SOTTILE F, GENTILE, Alessandra, CARUSO M, CONTINELLA G, BARBERA G. (2006). Caratterizzazioni morfo-fenologiche e molecolari di germoplasma siciliano di mandorlo: primi risultati. ITALUS HORTUS, vol. 13(2), p. 271-275, ISSN: 1127-3496

2006

GENTILE, Alessandra, CONTINELLA G. (2006). Produzioni frutticole nel massiccio etneo. L'INFORMATORE AGRARIO, vol. 40, p. 2-5, ISSN: 0020-0689

2005

CIRVILLERI, Gabriella, SPINA S, SCUDERI G, GENTILE, Alessandra, CATARA A. (2005). Characterization of antagonistic root- associated fluorescent pseudomonads of transgenic and non-transgenic citrange Troyer plants. JOURNAL OF PLANT PATHOLOGY, vol. 87, p. 179-186, ISSN: 1125-4653

2005

LA MALFA, Stefano Giovanni, GENTILE, Alessandra (2005). Miglioramento genetico degli agrumi per la resistenza a stress biotici. INFORMATORE FITOPATOLOGICO, vol. 1, p. 7-11, ISSN: 0020-0735

2005

MEZZETTI B, GENTILE, Alessandra (2005). Trasformazione genetica delle piante da frutto: risultati, applicazioni e sperimentazione. ITALUS HORTUS, vol. 12 (4), p. 79-92, ISSN: 1127-3496

2004

CIRVILLERI, Gabriella, SPINA S, COCO V, GENTILE, Alessandra (2004). Dynamics of *Fusarium solani* population in transgenic rolABC citrange Troyer plants. JOURNAL OF PLANT PATHOLOGY, vol. 86, p. 314, ISSN: 1125-4653

2004

GENTILE, Alessandra, Z. N. DENG, LA MALFA, Stefano Giovanni, F. DOMINA, C. GERMANA', AND E. TRIBULATO (2004). Morphological and physiological effects of rolABC genes into citrus genome. ACTA HORTICULTURAE, vol. 632, p. 235-242, ISSN: 0567-7572



2004

RIZZO V, TOMASELLI F, GENTILE, Alessandra, LA MALFA, Stefano Giovanni, MACCARONE E. (2004). Rheological properties and sugar composition of locust bean gum from different carob varieties (*Ceratonia siliqua* L.). JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY, vol. 52, p. 7925-7930, ISSN: 0021-8561

2001

DENG ZN, GENTILE, Alessandra, LA MALFA, Stefano Giovanni, DOMINA F, TRIBULATO E. (2001). Tecniche innovative per l'identificazione di geni utili negli agrumi. RIVISTA DI FRUTTICOLTURA E DI ORTOFLORICOLTURA, vol. 2, p. 45-48, ISSN: 0392-954X

2000

NICOLOSI, Elisabetta, DENG Z. N, GENTILE, Alessandra, LA MALFA, Stefano Giovanni, CONTINELLA G. TRIBULATO E. (2000). Citrus phylogeny and genetic origin of important species as investigated by molecular markers. THEORETICAL AND APPLIED GENETICS, vol. 100, p. 1155-1166, ISSN: 0040-5752

2000

GENTILE, Alessandra, ALBANESE G, DENG Z. N, GRIMALDI V, VARDI A, CATARA A, TRIBULATO E. (2000). EVALUATION OF LEMON SOMACLONES FOR TOLERANCE TO MAL SECCO DISEASE BY ARTIFICIAL INOCULATION. ACTA HORTICULTURAE, vol. Acta Horticulturae 535, p. 259-263, ISSN: 0567-7572

2000

LA MALFA, Stefano Giovanni, GENTILE, Alessandra, DENG Z, DOMINA F. (2000). Trasformazione genetica degli agrumi con un gene reporter vitale. Espressione della proteina fluorescente verde in citrange Troyer. ITALUS HORTUS, vol. 17, p. 17-21, ISSN: 1127-3496

1999

GENTILE, Alessandra, LA MALFA, Stefano Giovanni, DENG Z. N, DOMINA F, NICOLOSI, Elisabetta, TRIBULATO E. (1999). Agrumi transgenici: prime esperienze coi geni Rol. RIVISTA DI FRUTTICOLTURA E DI ORTOFLORICOLTURA, vol. 1, p. 59-61, ISSN: 0392-954X

1997

REFORGIATO RECUPERO G., GENTILE, Alessandra, RUSSO M. P., DOMINA F. (1997). Genetic analysis of resistance to *Phoma tracheiphila* in three Citrus and Poncirus progenies. Plant Breeding 116: 198-200. PLANT BREEDING, vol. 116, p. 198-200-200, ISSN: 0179-9541

1996

Crinò P, Cristinzio G, GENTILE, Alessandra, Haegi A, Rugini E, Soressi GP (1996). Filtrati colturali e tossine nella selezione di piante resistenti a malattie. PETRIA, vol. 6 suppl.1, p. 197-217, ISSN: 1120-7698

1995

DENG Z. N, GENTILE, Alessandra, NICOLOSI, Elisabetta, CONTINELLA G, TRIBULATO E. (1995). Caratterizzazione del germoplasma di agrumi: dalle descrizioni degli antichi citrologi all'analisi del DNA. ITALUS HORTUS, vol. 5 (2), p. 68-79, ISSN: 1127-3496

1995

DENG Z. N., GENTILE, Alessandra, NICOLOSI, Elisabetta, DOMINA F., VARDI A., TRIBULATO E. (1995). Identification of in vivo and in vitro lemon mutants by RAPD markers. JOURNAL OF HORTICULTURAL SCIENCE, vol. 70(1), p. 117-125, ISSN: 0022-1589

1995

DENG Z. N., GENTILE, Alessandra, DOMINA F., NICOLOSI, Elisabetta, TRIBULATO E. (1995). Selecting lemon protoplasts for insensitivity to Phoma tracheiphila toxin and regenerating tolerant plants. JOURNAL OF THE AMERICAN SOCIETY FOR HORTICULTURAL SCIENCE, vol. 120 (6), p. 902-905, ISSN: 0003-1062

1994

GENTILE, Alessandra, E. TRIBULATO, Z. N. DENG, F. DOMINA, E. GALUN, R. FLUHR, A. VARDI (1994). Rilascio di proteine PR, in vitro e in vivo, in diversi genotipi di agrumi con noto comportamento nei confronti del mal secco. ITALUS HORTUS, vol. 1(3), p. 59-64, ISSN: 1127-3496

1993

GENTILE, Alessandra, TRIBULATO E., DENG Z. N., GALUN E., FLUHR R. VARDI A. (1993). Nucellar callus of "Femminello Lemon, selected for tolerance to Phoma tracheiphila toxin shows enhanced release of chitinase and glucanase into the culture medium. THEORETICAL AND APPLIED GENETICS, vol. 86, p. 527-532, ISSN: 0040-5752

1992

GENTILE, Alessandra, TRIBULATO E., CONTINELLA G. AND VARDI (1992). Differential responses of citrus calli and protoplasts to culture filtrate and toxin of Phoma tracheiphila. THEORETICAL AND APPLIED GENETICS, vol. 83, p. 759-764, ISSN: 0040-5752

1992

GENTILE, Alessandra, Tribulato E, Deng ZN, Vardi A. (1992). In vitro selection of nucellar lemon callus and regeneration of plants tolerant to Phoma tracheiphila. ADVANCES IN HORTICULTURAL SCIENCE, vol. 6, p. 151-154, ISSN: 0394-6169

## **Books:**

2022

Gentile, P. Inglese, M. Tagliavini (a cura di) (2022) "Arboricoltura speciale": New Business media, ISBN: 978-88-506-5616-5

2020

A. Gentile, S. La Malfa, Z. Deng (a cura di) (2020). The Citrus Genome. Di A. Gentile, S. La Malfa, Z. Deng. COMPENDIUM OF PLANT GENOMES, Cham: Springer Nature Switzerland AG, ISBN: 978-3-030-10799-4, ISSN: 2199-4781, doi: 10.1007/978-3-030-15308-3

2017

Galbiati Massimo, Gentile Alessandra, La Malfa Stefano, Tonelli Chiara (a cura di) (2017). Biotecnologie sostenibili. Scienza e innovazione in agricoltura per affrontare le sfide della sicurezza alimentare e della sostenibilità ambientale. Di AA.VV.. p. 1-248, Milano:Il Sole 24 Ore Edagricole srl, ISBN: 9788850655342

2011

GENTILE, Alessandra, LA MALFA, Stefano Giovanni (a cura di) (2011). Acta Horticulturae - Proceedings of the Second International Symposium on Citrus Biotechnology. ACTA HORTICULTURAE, vol. 892, p. 1-394, Leuven:International Society for Horticultural Science (ISHS), ISBN: 9789066057432, ISSN: 0567-7572

2005

GENTILE, Alessandra, LA MALFA G, CONTINELLA G. (a cura di) (2005). Atti del VII convegno nazionale sulla biodiversità "l'agrobiodiversità per la qualificazione delle filiere produttive". Di AUTORI VARI. vol. 1-2, p. 1-862, FIRENZE:Società Botanica Italiana

1992

Tribulato E., GENTILE, Alessandra, Reforgiato G. (a cura di) (1992). PROCEEDINGS OF THE INTERNATIONAL SOCIETY OF CITRICULTURE. p. 1-1318, CATANIA:International Society of Citriculture

Catania, 23January 2023

