



**Elenco dei titoli e delle pubblicazioni
scientifiche**

Settore Concorsuale:05/I1 - GENETICA

Prima Fascia

Massimo DELLEDONNE

Posizione accademica

Settore Scientifico Disciplinare:	BIO/18 - Genetica
Qualifica:	Professore Ordinario
Anzianità nel ruolo:	01/01/2012
Sede Universitaria:	Università degli Studi di VERONA
Struttura di afferenza (dipartimento o altro):	Biotechnologie

Posizioni ricoperte precedentemente nel medesimo ateneo o in altri

Periodo	Fascia	Ateneo
01/11/1994	Ricercatore Universitario	Università Cattolica del Sacro Cuore
01/11/2001	Professore II Fascia	Università degli Studi di VERONA
01/01/2012	Professore I Fascia	Università degli Studi di VERONA

Pubblicazioni scientifiche

1	2017	<p>Articolo in rivista</p> <p>Chitarra, Walter, Perrone, Irene, Avanzato, Carla G, Minio, Andrea, Boccacci, Paolo, Santini, Deborah, Gilardi, Giovanna, Siciliano, Ilenia, Gullino, Maria L, Delledonne, Massimo, Mannini, Franco, Gambino, Giorgio (2017). Grapevine Grafting: Scion Transcript Profiling and Defense-Related Metabolites Induced by Rootstocks. FRONTIERS IN PLANT SCIENCE, vol. 8, p. 654, ISSN: 1664-462X, doi: 10.3389/fpls.2017.00654</p>
2	2017	<p>Articolo in rivista</p> <p>Menegon, Michele, Cantaloni, Chiara, Rodriguez-Prieto, Ana, Centomo, Cesare, Abdelfattah, Ahmed, Rossato, Marzia, Bernardi, Massimo, Xumerle, Luciano, Loader, Simon, Delledonne, Massimo (2017). On site DNA barcoding by nanopore sequencing. PLOS ONE, vol. 12, p. e0184741, ISSN: 1932-6203, doi: 10.1371/journal.pone.0184741</p>
3	2017	<p>Articolo in rivista</p> <p>PIUBELLI, Chiara, CASTAGNA, Annalisa, Marchi, Giacomo, Rizzi, Monica, BUSTI, Fabiana, Badar, Sadaf, Marchetti, Monia, De Gobbi, Marco, Roetto, Antonella, XUMERLE, Luciano, SUKU, EDA, GIORGETTI, ALEJANDRO, DELLEDONNE, Massimo, OLIVIERI, Oliviero, GIRELLI, Domenico (2017). Identification of new BMP6 pro-peptide mutations in patients with iron overload. AMERICAN JOURNAL OF HEMATOLOGY, vol. 92, p. 562-568, ISSN: 0361-8609, doi: 10.1002/ajh.24730</p>
4	2017	<p>Articolo in rivista</p> <p>Ling, Tengfang, Bellin, Diana, Vandelle, Elodie, Imanifard, Zahra, Delledonne, Massimo (2017). Host-Mediated S-Nitrosylation Disarms the Bacterial Effector HopA1 to Reestablish Immunity. PLANT CELL, vol. 29, p. 2871-2881, ISSN: 1040-4651, doi: 10.1105/tpc.16.00557</p>
5	2017	<p>Articolo in rivista</p> <p>PEZZINI, Francesco, BETTINETTI, LAURA, DI LEVA, FRANCESCA, BIANCHI, MARZIA, ZORATTI, Elisa, Carrozzo, Rosalba, Santorelli, Filippo M, DELLEDONNE, Massimo, Lalowski, Maciej, SIMONATI, Alessandro (2017). Transcriptomic profiling discloses molecular and cellular events related to neuronal differentiation in SH-SY5Y neuroblastoma cells. CELLULAR AND MOLECULAR NEUROBIOLOGY, vol. 37, p. 665-682, ISSN: 0272-4340, doi: 10.1007/s10571-016-0403-y</p>

6	2017	<p>Articolo in rivista</p> <p>Giuliani, Cristina, Pirazzini, Chiara, Delledonne, Massimo, Xumerle, Luciano, Descombes, Patrick, Marquis, Julien, Mengozzi, Giacomo, Monti, Daniela, Bellizzi, Dina, Passarino, Giuseppe, Luiselli, Donata, Franceschi, Claudio, Garagnani, Paolo (2017). Centenarians as extreme phenotypes: An ecological perspective to get insight into the relationship between the genetics of longevity and age-associated diseases. <i>MECHANISMS OF AGEING AND DEVELOPMENT</i>, vol. 165, p. 195-201, ISSN: 0047-6374, doi: 10.1016/j.mad.2017.02.007</p>
7	2017	<p>Articolo in rivista</p> <p>Kumar Amit, Abdelgawad Hamada, Castellano Immacolata, Lorenti Maurizio, Delledonne Massimo, Beemster Gerrit T S, Asard Han, Buia Maria Cristina, Palumbo Anna (2017). Physiological and Biochemical Analyses Shed Light on the Response of <i>Sargassum vulgare</i> to Ocean Acidification at Different Time Scales. <i>FRONTIERS IN PLANT SCIENCE</i>, vol. 8, p. 570-583, ISSN: 1664-462X, doi: 10.3389/fpls.2017.00570</p>
8	2017	<p>Articolo in rivista</p> <p>Kumar, Amit, Castellano, Immacolata, Patti, Francesco Paolo, Delledonne, Massimo, Abdelgawad, Hamada, Beemster, Gerrit T S, Asard, Han, Palumbo, Anna, Buia, Maria Cristina (2017). Molecular response of <i>Sargassum vulgare</i> to acidification at volcanic CO₂vents: insights from de novo transcriptomic analysis. <i>MOLECULAR ECOLOGY</i>, vol. 26, p. 2276-2290, ISSN: 0962-1083, doi: 10.1111/mec.14034</p>
9	2017	<p>Articolo in rivista</p> <p>Di Donato, A, Andolfo, G, Ferrarini, A, Delledonne, M, Ercolano, M R (2017). Investigation of orthologous pathogen recognition gene-rich regions in solanaceous species. <i>GENOME</i>, vol. 60, p. 850-859, ISSN: 0831-2796, doi: 10.1139/gen-2016-0217</p>
10	2017	<p>Articolo in rivista</p> <p>Pezzini, Francesco, Bianchi, Marzia, Benfatto, Salvatore, Griggio, Francesca, Doccini, Stefano, Carrozzo, Rosalba, Dapkunas, Arvydas, Delledonne, Massimo, Santorelli, Filippo M, Lalowski, Maciej M, Simonati, Alessandro (2017). The networks of genes encoding palmitoylated proteins in axonal and synaptic compartments are affected in PPT1 overexpressing neuronal-like cells. <i>FRONTIERS IN MOLECULAR NEUROSCIENCE</i>, vol. 10, p. 1-18, ISSN: 1662-5099, doi: 10.3389/fnmol.2017.00266</p>
11	2017	<p>Articolo in rivista</p> <p>D'Esposito, Daniela, Ferriello, Francesca, Molin, Alessandra Dal, Diretto, Gianfranco, Sacco, Adriana, Minio, Andrea, Barone, Amalia, Di Monaco, Rossella, Cavella, Silvana, Tardella, Luca, Giuliano, Giovanni, Delledonne, Massimo, Frusciante, Luigi, Ercolano, Maria Raffaella (2017). Unraveling the complexity of transcriptomic, metabolomic and quality environmental response of tomato fruit. <i>BMC PLANT BIOLOGY</i>, vol. 17, p. 66, ISSN: 1471-2229, doi: 10.1186/s12870-017-1008-4</p>

12	2017	<p>Articolo in rivista</p> <p>Gambino, Giorgio, Dal Molin, Alessandra, Boccacci, Paolo, Minio, Andrea, Chitarra, Walter, Avanzato, Carla Giuseppina, Tononi, Paola, Perrone, Irene, Raimondi, Stefano, Schneider, Anna, Pezzotti, Mario, Mannini, Franco, Gribaudo, Ivana, Delledonne, Massimo (2017). Whole-genome sequencing and SNV genotyping of 'Nebbiolo' (<i>Vitis vinifera</i> L.) clones. SCIENTIFIC REPORTS, vol. 7, p. 1-15, ISSN: 2045-2322, doi: 10.1038/s41598-017-17405-y</p>
13	2016	<p>Articolo in rivista</p> <p>Chin Chen-Shan, Peluso Paul, Sedlazeck Fritz J, Nattestad Maria, Concepcion Gregory T, Clum Alicia, Dunn Christopher, O'Malley Ronan, Figueroa-Balderas Rosa, Morales-Cruz Abraham, Cramer Grant R, Delledonne Massimo, Luo Chongyuan, Ecker Joseph R, Cantu Dario, Rank David R, Schatz Michael C (2016). Phased diploid genome assembly with single-molecule real-time sequencing. NATURE METHODS, vol. 13, p. 1050-1054, ISSN: 1548-7091, doi: 10.1038/nmeth.4035</p>
14	2016	<p>Articolo in rivista</p> <p>Delaney Susan K, Hultner Michael L, Jacob Howard J, Ledbetter David H, Mccarthy Jeanette J, Ball Michael, Beckman Kenneth B, Belmont John W, Bloss Cinnamon S, Christman Michael F, Cosgrove Andy, Damiani Stephen A, Danis Timothy, Delledonne Massimo, Dougherty Michael J, Dudley Joel T, Faucett W Andrew, Friedman Jennifer R, Haase David H, Hays Tom S, Heilsberg Stu, Huber Jeff, Kaminsky Leah, Ledbetter Nikki, Lee Warren H, Levin Elissa, Libiger Ondrej, Linderman Michael, Love Richard L, Magnus David C, Martland Annemarie, McClure Susan L, Megill Scott E, Messier Helen, Nussbaum Robert L, Palaniappan Latha, Patay Bradley A, Popovich Bradley W, Quackenbush John, Savant Mark J, Su Michael M, Terry Sharon F, Tucker Steven, Wong William T, Green Robert C (2016). Toward clinical genomics in everyday medicine: perspectives and recommendations. EXPERT REVIEW OF MOLECULAR DIAGNOSTICS, vol. 16, p. 521-532, ISSN: 1744-8352, doi: 10.1586/14737159.2016.1146593</p>
15	2016	<p>Articolo in rivista</p> <p>do Valle Ítalo Faria, Giampieri Enrico, Simonetti Giorgia, Padella Antonella, Manfrini Marco, Ferrari Anna, Papayannidis Cristina, Zironi Isabella, Garonzi Marianna, Bernardi Simona, Delledonne Massimo, Martinelli Giovanni, Remondini Daniel, Castellani Gastone (2016). Optimized pipeline of MuTect and GATK tools to improve the detection of somatic single nucleotide polymorphisms in whole-exome sequencing data. BMC BIOINFORMATICS, vol. 17, p. 1190-1197, ISSN: 1471-2105, doi: 10.1186/s12859-016-1190-7</p>
16	2016	<p>Articolo in rivista</p> <p>Tadiello Alice, Longhi Sara, Moretto Marco, Ferrarini Alberto, Tononi Paola, Farneti Brian, Busatto Nicola, Vrhovsek Urska, Molin Alessandra Dal, Avanzato Carla, Biasioli Franco, Cappellin Luca, Scholz Matthias, Velasco Riccardo, Trainotti Livio, Delledonne Massimo, Costa Fabrizio (2016). Interference with ethylene perception at receptor level sheds light on auxin and transcriptional circuits associated with the climacteric ripening of apple fruit (<i>Malus x domestica</i> Borkh.). PLANT JOURNAL, vol. 88, p. 963-975, ISSN: 1365-313X, doi: 10.1111/tj.13306</p>

17	2016	<p>Articolo in rivista</p> <p>Bassi Daniela, Colla Francesca, Gazzola Simona, Puglisi Edoardo, Delledonne Massimo, Cocconcelli Pier Sandro (2016). Transcriptome analysis of <i>Bacillus thuringiensis</i> spore life, germination and cell outgrowth in a vegetable-based food model. <i>FOOD MICROBIOLOGY</i>, vol. 55, p. 73-85, ISSN: 0740-0020, doi: 10.1016/j.fm.2015.11.006</p>
18	2016	<p>Articolo in rivista</p> <p>Bombarely, Aureliano, Moser, Michel, Amrad, Avichai, Bao, Manzhu, Bapaume, Laure, Barry, Cornelius S, Bliiek, Mattijs, Boersma, Maaïke R, Borghi, Lorenzo, Bruggmann, Rémy, Bucher, Marcel, D'Agostino, Nunzio, Davies, Kevin, Druège, Uwe, Dudareva, Natalia, Egea Cortines, Marcos, DELLEDONNE, Massimo, Fernandez Pozo, Noe, Franken, Philipp, Grandont, Laurie, Heslop Harrison, J. S, Hintzsche, Jennifer, Johns, Mitrick, Koes, Ronald, Lv, Xiaodan, Lyons, Eric, Malla, Diwa, Martinoia, Enrico, Mattson, Neil S, Morel, Patrice, Mueller, Lukas A, Muhlemann, Joëlle, Nouri, Eva, Passeri, Valentina, PEZZOTTI, Mario, Qi, Qinzhou, Reinhardt, Didier, Rich, Melanie, Richert Pöggeler, Katja R, Robbins, Tim P, Schatz, Michael C, Schranz, M. Eric, Schuurink, Robert C, Schwarzacher, Trude, Spelt, Kees, Tang, Haibao, Urbanus, Susan L, Vandenbussche, Michiel, Vijverberg, Kitty, Villarino, Gonzalo H, Warner, Ryan M, Weiss, Julia, Yue, Zhen, Zethof, Jan, Quattrocchio, Francesca, Sims, Thomas L, Kuhlemeier, Cris (2016). Insight into the evolution of the Solanaceae from the parental genomes of <i>Petunia hybrida</i>. <i>NATURE PLANTS</i>, vol. 2, p. 1-9, ISSN: 2055-0278, doi: 10.1038/nplants.2016.74</p>
19	2016	<p>Articolo in rivista</p> <p>Badar, Sadaf, BUSTI, Fabiana, FERRARINI, Alberto, XUMERLE, Luciano, Bozzini, Paolo, Capelli, Paola, POZZI MUCELLI, Roberto, CAMPOSTRINI, Natascia, DE MATTEIS, Giovanna, Marin Vargas, Sergio Paul, GIORGETTI, ALEJANDRO, DELLEDONNE, Massimo, OLIVIERI, Oliviero, GIRELLI, Domenico (2016). Identification of novel mutations in hemochromatosis genes by targeted next generation sequencing in Italian patients with unexplained iron overload. <i>AMERICAN JOURNAL OF HEMATOLOGY</i>, vol. 91, p. 420-425, ISSN: 0361-8609, doi: 10.1002/ajh.24304</p>
20	2016	<p>Articolo in rivista</p> <p>Turrone Francesca, Milani Christian, Duranti Sabrina, Mancabelli Leonardo, Mangifesta Marta, Viappiani Alice, Lugli Gabriele Andrea, Ferrario Chiara, Gioiosa Laura, Ferrarini Alberto, Li Jia, Palanza Paola, Delledonne Massimo, van Sinderen Douwe, Ventura Marco (2016). Deciphering bifidobacterial-mediated metabolic interactions and their impact on gut microbiota by a multi-omics approach. <i>THE ISME JOURNAL</i>, vol. 10, p. 1656-1668, ISSN: 1751-7370, doi: 10.1038/ismej.2015.236</p>
21	2016	<p>Articolo in rivista</p> <p>Sabatini Maria Elisa, Donà Mattia, Leonetti Paola, Minio Andrea, Delledonne Massimo, Carboneral Daniela, Confalonieri Massimo, Giraffa Giorgio, Balestrazzi Alma (2016). Depletion of tyrosyl-DNA phosphodiesterase 1α (MtTdp1α) affects transposon expression in <i>Medicago truncatula</i>. <i>JOURNAL OF INTEGRATIVE PLANT BIOLOGY</i>, vol. 58, p. 618-622, ISSN: 1744-7909, doi: 10.1111/jipb.12457</p>

22	2016	<p>Articolo in rivista</p> <p>Ferbo L, Manzini Pm, Badar S, Campostrini N, Ferrarini A, Delledonne M, Francisci T, Tassi V, Valfrè A, Dall'Omo Am, D'Antico S, Girelli D, Roetto A, De Gobbi M. (2016). Detection of a rare mutation in the ferroportin gene through targeted next generation sequencing.. BLOOD TRANSFUSION, vol. 14, p. 531-534, ISSN: 1723-2007, doi: 10.2450/2016.0286-15</p>
23	2016	<p>Abstract in rivista</p> <p>CAMPOSTRINI, Natascia, Udali, Silvia, CORBELLA, Michela, GUARINI, Patrizia, CASTAGNA, Annalisa, PATTINI, Patrizia, RUZZENENTE, Andrea, GUGLIELMI, Alfredo, MORUZZI, Sara, FERRARINI, Alberto, DELLEDONNE, Massimo, PERBELLINI, Luigi, FRANCESCHI, Antonia, Choi, Sw, GIRELLI, Domenico, FRISO, Simonetta (2016). HEPCIDIN REPRESSION BY PROMOTER DNA HYPERMETHYLATION IN NON-VIRAL HEPATOCELLULAR CARCINOMA. AMERICAN JOURNAL OF HEMATOLOGY, vol. 91, p. 81, ISSN: 0361-8609</p>
24	2015	<p>Articolo in rivista</p> <p>Bartoletti-Stella Anna, Chiaro Giacomo, Calandra-Buonaura Giovanna, Contin Manuela, Scaglione Cesa, Barletta Giorgio, Cecere Annagrazia, Garagnani Paolo, Tieri Paolo, Ferrarini Alberto, Piras Silvia, Franceschi Claudio, Delledonne Massimo, Cortelli Pietro, Capellari Sabina (2015). A patient with PMP22-related hereditary neuropathy and DBH-gene-related dysautonomia. JOURNAL OF NEUROLOGY, vol. 262, p. 2373-2381, ISSN: 0340-5354, doi: 10.1007/s00415-015-7896-z</p>
25	2015	<p>Articolo in rivista</p> <p>Moliterni Vita Maria Cristiana, Paris Roberta, Onofri Chiara, Orrù Luigi, Cattivelli Luigi, Pacifico Daniela, Avanzato Carla, Ferrarini Alberto, Delledonne Massimo, Mandolino Giuseppe (2015). Early transcriptional changes in Beta vulgaris in response to low temperature. PLANTA, vol. 242, p. 187-201, ISSN: 0032-0935, doi: 10.1007/s00425-015-2299-z</p>
26	2015	<p>Articolo in rivista</p> <p>Ferrarini Alberto, Xumerle Luciano, Griggio Francesca, Garonzi Marianna, Cantaloni Chiara, Centomo Cesare, Vargas Sergio Marin, Descombes Patrick, Marquis Julien, Collino Sebastiano, Franceschi Claudio, Garagnani Paolo, Salisbury Benjamin A, Harvey John Max, Delledonne Massimo (2015). The Use of Non-Variant Sites to Improve the Clinical Assessment of Whole-Genome Sequence Data. PLOS ONE, vol. 10, p. e0132180, ISSN: 1932-6203, doi: 10.1371/journal.pone.0132180</p>
27	2015	<p>Articolo in rivista</p> <p>Udali Silvia, Guarini Patrizia, Ruzzenente Andrea, Ferrarini Alberto, Guglielmi Alfredo, Lotto Valentina, Tononi Paola, Pattini Patrizia, Moruzzi Sara, Campagnaro Tommaso, Conci Simone, Olivieri Oliviero, Corrocher Roberto, Delledonne Massimo, Choi Sang-Woon, Friso Simonetta (2015). DNA methylation and gene expression profiles show novel regulatory pathways in hepatocellular carcinoma. CLINICAL EPIGENETICS, vol. 7, p. 43-55, ISSN: 1868-7083, doi: 10.1186/s13148-015-0077-1</p>

28	2015	<p>Articolo in rivista</p> <p>Aversano Riccardo, Contaldi Felice, Ercolano Maria Raffaella, Grosso Valentina, Iorizzo Massimo, Tatino Filippo, Xumerle Luciano, Dal Molin Alessandra, Avanzato Carla, Ferrarini Alberto, Delledonne Massimo, Sanseverino Walter, Cigliano Riccardo Aiese, Capella-Gutierrez Salvador, Gabaldón Toni, Frusciante Luigi, Bradeen James M, Carputo Domenico (2015). The Solanum commersonii Genome Sequence Provides Insights into Adaptation to Stress Conditions and Genome Evolution of Wild Potato Relatives. THE PLANT CELL, vol. 27, p. 954-968, ISSN: 1532-298X, doi: 10.1105/tpc.114.135954</p>
29	2015	<p>Articolo in rivista</p> <p>Horvath Steve, Pirazzini Chiara, Bacalini Maria Giulia, Gentilini Davide, Di Blasio Anna Maria, Delledonne Massimo, Mari Daniela, Arosio Beatrice, Monti Daniela, Passarino Giuseppe, De Rango Francesco, D'Aquila Patrizia, Giuliani Cristina, Marasco Elena, Collino Sebastiano, Descombes Patrick, Garagnani Paolo, Franceschi Claudio (2015). Decreased epigenetic age of PBMCs from Italian semi-supercentenarians and their offspring. AGING, vol. 7, p. 1159-1170, ISSN: 1945-4589, doi: 10.18632/aging.100861</p>
30	2015	<p>Articolo in rivista</p> <p>Venturini Luca, Delledonne Massimo (2015). Symbiotic plant-fungi interactions stripped down to the root. NATURE GENETICS, vol. 47, p. 309-310, ISSN: 1546-1718, doi: 10.1038/ng.3261</p>
31	2015	<p>Articolo in rivista</p> <p>Raggi Sara, Ferrarini Alberto, Delledonne Massimo, Dunand Christophe, Ranocha Philippe, De Lorenzo Giulia, Cervone Felice, Ferrari Simone (2015). The Arabidopsis Class III Peroxidase AtPRX71 Negatively Regulates Growth under Physiological Conditions and in Response to Cell Wall Damage. PLANT PHYSIOLOGY, vol. 169, p. 2513-2525, ISSN: 1532-2548, doi: 10.1104/pp.15.01464</p>
32	2015	<p>Articolo in rivista</p> <p>Barabaschi, Delfina, Magni, Federica, Volante, Andrea, Gadaleta, Agata, Šimková, Hana, Scalabrin, Simone, Prazzoli, Maria Lucia, Bagnaresi, Paolo, Lacrima, Katia, Michelotti, Vania, Desiderio, Francesca, Orrù, Luigi, Mazzamurro, Valentina, Fricano, Agostino, Mastrangelo, Annamaria, TONONI, Paola, VITULO, Nicola, Jurman, Irena, Frenkel, Zeev, Cattonaro, Federica, Morgante, Michele, Blanco, Antonio, Doležel, Jaroslav, DELLEDONNE, Massimo, Stanca, Antonio M., Cattivelli, Luigi, Valè, Giampiero (2015). Physical Mapping of Bread Wheat Chromosome 5A: An Integrated Approach. THE PLANT GENOME, vol. 8, p. 1-24, ISSN: 1940-3372, doi: 10.3835/plantgenome2015.03.0011</p>
33	2015	<p>Articolo in rivista</p> <p>Siozios S, Tosi L, Ferrarini A, Ferrari A, Tononi P, Bellin D, Maurhofer M, Gessler C, Delledonne M, Pertot I (2015). Transcriptional Reprogramming of the Mycoparasitic Fungus Ampelomyces quisqualis During the Powdery Mildew Host-Induced Germination.. PHYTOPATHOLOGY, p. 199-209, ISSN: 0031-949X, doi: 10.1094/PHYTO-01-14-0013-R</p>

34	2014	<p>Articolo in rivista</p> <p>Asfaw Degu, Uri Hochberg, Noga Sikron, VENTURINI, Luca, BUSON, Genny, Ryan Ghan, Inbar Plaschkes, Albert Batushansky, Vered Chalifa Caspi, Fulvio Mattivi, DELLEDONNE, Massimo, PEZZOTTI, Mario, Shimon Rachmilevitch, Grant R. Cramer, Aaron Fait (2014). Metabolite and transcript profiling of berry skin during fruit development elucidates differential regulation between Cabernet Sauvignon and Shiraz cultivars at branching points in the polyphenol pathway. BMC PLANT BIOLOGY, vol. 14, p. 188, ISSN: 1471-2229, doi: 10.1186/s12870-014-0188-4</p>
35	2014	<p>Articolo in rivista</p> <p>Abbà Simona, Galetto Luciana, Carle Patricia, Carrère Sébastien, Delledonne Massimo, Foissac Xavier, Palmano Sabrina, Veratti Flavio, Marzachi Cristina (2014). RNA-Seq profile of flavescente dorée phytoplasma in grapevine. BMC GENOMICS, vol. 15, p. 1088-1100, ISSN: 1471-2164, doi: 10.1186/1471-2164-15-1088</p>
36	2014	<p>Articolo in rivista</p> <p>Maria Ercolano, Adriana Sacco, Francesca Ferriello, Raffaella D'Alessandro, Paola Tononi, Alessandra Traini, Amalia Barone, Elisa Zago, Maria Chiusano, Genny Buson, Massimo Delledonne, Luigi Frusciante (2014). Patchwork sequencing of tomato San Marzano and Vesuviano varieties highlights genome-wide variations. BMC GENOMICS, vol. 15, p. 138, ISSN: 1471-2164, doi: 10.1186/1471-2164-15-138</p>
37	2014	<p>Articolo in rivista</p> <p>Chen J, Vandelle E, Bellin D, Delledonne M (2014). Detection and function of nitric oxide during the hypersensitive response in Arabidopsis thaliana: where there's a will there's a way. NITRIC OXIDE, p. 81-88, ISSN: 1089-8603, doi: 10.1016/j.niox.2014.06.008</p>
38	2014	<p>Articolo in rivista</p> <p>Grant R. Cramer, Ryan Ghan, Karen A. Schlauch, Richard L. Tillett, Hildegard Heymann, FERRARINI, Alberto, DELLEDONNE, Massimo, ZENONI, Sara, FASOLI, Marianna, PEZZOTTI, Mario (2014). Transcriptomic analysis of the late stages of grapevine (<i>Vitis vinifera</i> cv. Cabernet Sauvignon) berry ripening reveals significant induction of ethylene signaling and flavor pathways in the skin. BMC PLANT BIOLOGY, vol. 14, p. 1-21, ISSN: 1471-2229, doi: 10.1186/s12870-014-0370-8</p>
39	2014	<p>Articolo in rivista</p> <p>Maria Aragona, Andrea Minio, Alberto Ferrarini, Maria Valente, Paolo Bagnaresi, Luigi Orrù, Paola Tononi, Gianpiero Zamperin, Alessandro Infantino, Giampiero Valè, Luigi Cattivelli, Massimo Delledonne (2014). De novo genome assembly of the soil-borne fungus and tomato pathogen <i>Pyrenochaeta lycopersici</i>. BMC GENOMICS, vol. 15, p. 313, ISSN: 1471-2164, doi: 10.1186/1471-2164-15-313</p>

40	2014	<p>Articolo in rivista</p> <p>Lanubile A, Ferrarini A, Maschietto V, Delledonne M, Marocco A, Bellin D. (2014). Functional genomic analysis of constitutive and inducible defense responses to <i>Fusarium verticillioides</i> infection in maize genotypes with contrasting ear rot resistance. BMC GENOMICS, p. 710-726, ISSN: 1471-2164, doi: 10.1186/1471-2164-15-710</p>
41	2014	<p>Articolo in rivista</p> <p>Bellucci E, Bitocchi E, Ferrarini A, Benazzo A, Biagetti E, Klie S, Minio A, Rau D, Rodriguez M, Panziera A, Venturini L, Attene G, Albertini E, Jackson SA, Nanni L, Fernie AR, Nikoloski Z, Bertorelle G, Delledonne M, Papa R (2014). Decreased Nucleotide and Expression Diversity and Modified Coexpression Patterns Characterize Domestication in the Common Bean.. PLANT CELL, vol. 26, p. 1901-1912, ISSN: 1040-4651, doi: 10.1105/tpc.114.124040</p>
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106	2003	Articolo in rivista MURGIA I., DE PINTO M.C., M. DELLEDONNE, SOAVE C., DE GARA L. (2003). Comparative effects of various nitric oxide donors on ferritin regulation, programmed cell death and cell redox state in plant cells.. JOURNAL OF PLANT PHYSIOLOGY, vol. 161, p. 777-783, ISSN: 0176-1617
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108	2003	Contributo in Atti di convegno MALACARNE G., MICA E., PEZZOTTI M., DELLEDONNE M., A. POLVERARI (2003). A NEW NAC-PROTEIN GENE OF ARABIDOPSIS INDUCED IN RESPONSE TO NITRIC OXIDE AND PATHOGENS.. In: Congresso Annuale della Società di Genetica Agraria. Verona, settembre 2003

Titoli

Responsabilità scientifica per progetti di ricerca internazionali e nazionali, ammessi al finanziamento sulla base di bandi competitivi che prevedano la revisione tra pari

- “Caratterizzazione funzionale del ruolo svolto dall’ossido nitrico nella risposta ipersensibile durante l’interazione pianta-patogeno”. Programmi di ricerca scientifica di rilevante interesse nazionale, MURST
dal 01-01-2000 al 01-01-2001
- “Post genomica di leguminose foraggere”, Programma Strategico: Post-genoma, Fondo per gli Investimenti della Ricerca di Base (FIRB)
dal 01-01-2002 al 01-01-2005
- “Geni e loro funzioni: un approccio integrato (GENEFUN)”, Fondo Speciale per lo Sviluppo della Ricerca di Interesse Strategico, MIUR
dal 01-01-2002 al 01-01-2005
- “Laboratorio di Tecnologie Elettrochimiche Miniaturizzate per l’Analisi e la Ricerca (LATEMAR)”. Fondo per gli Investimenti della Ricerca di base (FIRB)
dal 01-01-2005 al 01-01-2010
- “Indagini sui meccanismi di virulenza/resistenza alla fusariosi per la selezione e costituzione di varietà resistenti di melone” (FUSAMELO). MiPAF, Progetto a sportello
dal 01-01-2006 al 01-01-2009
- “Studio dell’accumulo ossido nitrico-dipendente e segnalazione del cGMP durante l’interazione pianta-patogeno Arabidopsis thaliana”. Programmi di ricerca scientifica di rilevante interesse nazionale, MIUR
dal 01-01-2006 al 01-01-2008
- “Large scale re-sequencing in the Vitis genus for identification of resistance genes, SNP discovery and high throughput genotyping (GrapeReSeq)” PLANT-KBBE Initiative, European Union
dal 01-01-2009 al 01-01-2012
- “Studio dei meccanismi di risposta e resistenza della pianta al perossinitrito”. Programmi di ricerca scientifica di rilevante interesse nazionale (PRIN 2008), MIUR
dal 01-01-2009 al 01-01-2011
- “Nuove tecnologie per il made in Italy” Industria 2015
dal 01-01-2010 al 01-01-2013
- “Analisi globale dell’interazione nesto-portinnesto in vite” (RINGO), MiPAAF
dal 01-01-2012 al 01-01-2014
- “Point of Care Diagnostics for rapid and cheap pathogen detection of companion animals”. [SME-2012-1]. 7th Framework Program EU
dal 01-01-2012 al 01-01-2015
- “Physical Activity and Nutrition INfluences In ageing – PANINI”. H2020
dal 01-01-2015 a oggi
- “The continuum between healthy ageing and idiopathic Parkinson Disease within a propagation perspective of inflammation and damage: the search for new diagnostic, prognostic and therapeutic targets — PROPAG-AGEING”. EU project 634821
dal 01-01-2015 a oggi
- “Development and application of Novel, Integrated Tools for monitoring and managing Catchments – INTCATCH”. EU project 689341-2
dal 01-01-2015 a oggi
- Valorization of Italian OLive products through INnovative analytical tools – VIOLIN. Fondazione in Rete per la Ricerca Agroalimentare – AGER
dal 01-01-2016 a oggi

Direzione o partecipazione a comitati editoriali di riviste, collane editoriali, enciclopedie e trattati di riconosciuto prestigio

- The Plant Journal
dal 01-01-2004 al 01-01-2007
- Biotechnology Journal
dal 01-01-2006 al 01-01-2008

Incarichi di insegnamento o di ricerca (fellowship) presso qualificati atenei e istituti di ricerca esteri o sovranazionali

- Department of Genetics, Iowa State University, Ames, Iowa (USA)
dal 01-02-1991 al 01-09-1991
- Plant Biology Laboratory, Salk Institute for Biological Studies, La Jolla, CA (USA)
dal 01-03-1995 al 01-01-1996
- Plant Biology Laboratory, Salk Institute for Biological Studies, La Jolla, CA (USA)
dal 01-03-1997 al 01-09-1997
- 1998 Plant Biology Laboratory, Salk Institute for Biological Studies, La Jolla, CA
dal 01-04-1998 al 01-08-1998
- Institute of Cellular and Molecular Biology, University of Edinburgh, Scozia (UK)
dal 01-07-1999 al 01-09-1999

Premi e riconoscimenti per l'attività scientifica, inclusa l'affiliazione ad accademie di riconosciuto prestigio nel settore

- EMBO Young Investigator per il periodo 2003-2005
dal 01-01-2003 al 01-01-2005
- Premio Assunta Baccharini Melandri della Società Italiana di Biologia Vegetale
dal 01-01-2008 al 01-01-2008
- Premio Antico Fattore dell'Accademia del Georgofili
dal 01-01-2011 al 01-01-2011
- Premio Assoenologi per la ricerca scientifica in viticoltura ed enologia
dal 01-01-2013 al 01-01-2013

Nei settori concorsuali in cui è appropriato, risultati ottenuti nel trasferimento tecnologico in termini di partecipazione alla creazione di nuove imprese (spin off), sviluppo, impiego e commercializzazione di brevetti

- Socio fondatore, Amministratore Delegato e Direttore Scientifico di Personal Genomics SRL, Spin-off dell'Università degli Studi di Verona con lo status di Startup innovativa ai sensi del decreto legge 179/2012
dal 01-01-2011 a oggi

Altri titoli che contribuiscano a una migliore definizione del profilo scientifico

- Membro del Gruppo di Esperti ANVUR Area CUN 07 per la Valutazione del sistema Universitario e della Ricerca nel settennio 2004-2010 (VQR 2004-2010)
dal 01-01-2011 al 01-01-2013
- Direttore del Centro Piattaforme Tecnologiche dell'Università degli Studi di Verona
dal 01-01-2015 al 01-01-2018
- Membro del Gruppo di Esperti ANVUR Area CUN 05 per la Valutazione del sistema Universitario e della Ricerca nel periodo 2011-2014 (VQR 2011-2014)
dal 01-01-2015 al 01-01-2016

