

Claudio D'onofrio

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,372
citations

331670

21
h-index

345221

36
g-index

49
all docs

49
docs citations

49
times ranked

1855
citing authors

#	ARTICLE	IF	CITATIONS
1	The R2R3-MYB Transcription Factors MYB14 and MYB15 Regulate Stilbene Biosynthesis in <i>Vitis vinifera</i> . <i>Plant Cell</i> , 2013, 25, 4135-4149.	6.6	270
2	Expression of terpene synthase genes associated with the formation of volatiles in different organs of <i>Vitis vinifera</i> . <i>Phytochemistry</i> , 2014, 105, 12-24.	2.9	94
3	Loss of genetic diversity as a signature of apricot domestication and diffusion into the Mediterranean Basin. <i>BMC Plant Biology</i> , 2012, 12, 49.	3.6	87
4	Effect of methyl jasmonate on the aroma of Sangiovese grapes and wines. <i>Food Chemistry</i> , 2018, 242, 352-361.	8.2	87
5	Analysis of the expression of terpene synthase genes in relation to aroma content in two aromatic <i>Vitis vinifera</i> varieties. <i>Functional Plant Biology</i> , 2013, 40, 552.	2.1	66
6	Study of the terpene profile at harvest and during berry development of <i>Vitis vinifera</i> L. aromatic varieties Aleatico, Brachetto, Malvasia di Candia aromatica and Moscato bianco. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 2898-2907.	3.5	54
7	Effect of light quality on somatic embryogenesis of quince leaves. <i>Plant Cell, Tissue and Organ Culture</i> , 1998, 53, 91-98.	2.3	51
8	Potential of a Multiparametric Optical Sensor for Determining in Situ the Maturity Components of Red and White <i>Vitis vinifera</i> Wine Grapes. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 12211-12218.	5.2	49
9	Distinct transcriptome responses to water limitation in isohydric and anisohydric grapevine cultivars. <i>BMC Genomics</i> , 2016, 17, 815.	2.8	49
10	Title is missing!. <i>Plant Cell, Tissue and Organ Culture</i> , 2000, 63, 47-55.	2.3	42
11	Red grape skin and seeds polyphenols: Evidence of their protective effects on endothelial progenitor cells and improvement of their intestinal absorption. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012, 80, 176-184.	4.3	42
12	Management of postharvest grape withering to optimise the aroma of the final wine: A case study on Amarone. <i>Food Chemistry</i> , 2016, 213, 378-387.	8.2	38
13	Genetic Structure of a Worldwide Germplasm Collection of <i>Prunus armeniaca</i> L. Reveals Three Major Diffusion Routes for Varieties Coming From the Species' Center of Origin. <i>Frontiers in Plant Science</i> , 2020, 11, 638.	3.6	36
14	Physiological parameters and protective energy dissipation mechanisms expressed in the leaves of two <i>Vitis vinifera</i> L. genotypes under multiple summer stresses. <i>Journal of Plant Physiology</i> , 2015, 185, 84-92.	3.5	35
15	Delivery of natural polyphenols by polymeric nanoparticles improves the resistance of endothelial progenitor cells to oxidative stress. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 50, 393-399.	4.0	34
16	Influence of vineyard altitude on Glera grape ripening (<i>Vitis vinifera</i> L.): effects on aroma evolution and wine sensory profile. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 2695-2705.	3.5	32
17	Responses of <i>Vitis vinifera</i> cv. Cabernet Sauvignon roots to the arbuscular mycorrhizal fungus <i>Funnelliformis mosseae</i> and the plant growth-promoting rhizobacterium <i>Ensifer meliloti</i> include changes in volatile organic compounds. <i>Mycorrhiza</i> , 2020, 30, 161-170.	2.8	28
18	Parentage Atlas of Italian Grapevine Varieties as Inferred From SNP Genotyping. <i>Frontiers in Plant Science</i> , 2020, 11, 605934.	3.6	27

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19	Effectiveness of AFLPs and Retrotransposon-Based Markers for the Identification of Portuguese Grapevine Cultivars and Clones. <i>Molecular Biotechnology</i> , 2012, 52, 26-39.	2.4	23
20	Development of adventitious shoots from in vitro grown <i>Cydonia oblonga</i> leaves as influenced by different cytokinins and treatment duration. <i>Biologia Plantarum</i> , 2005, 49, 17-21.	1.9	22
21	Uptake of sodium in quince, sugar beet, and wheat protoplasts determined by the fluorescent sodium-binding dye benzofuran isophthalate. <i>Journal of Plant Physiology</i> , 2005, 162, 421-428.	3.5	22
22	Introgression Among Cultivated and Wild Grapevine in Tuscany. <i>Frontiers in Plant Science</i> , 2020, 11, 202.	3.6	22
23	The arbuscular mycorrhizal fungus <i>Funneliformis mosseae</i> induces changes and increases the concentration of volatile organic compounds in <i>Vitis vinifera</i> cv. Sangiovese leaf tissue. <i>Plant Physiology and Biochemistry</i> , 2020, 155, 437-443.	5.8	21
24	Phylogenetic analysis of viruses in Tuscan <i>Vitis vinifera sylvestris</i> (Gmel.) Hegi. <i>PLoS ONE</i> , 2018, 13, e0200875.	2.5	17
25	Deficit irrigation differently affects aroma composition in berries of <i>Vitis vinifera</i> L. (cvs) Tj ETQq1 1 0.784314 rgBT /Overlock 1000. <i>Frontiers in Plant Science</i> , 2022, 28, 590-606.	2.1	15
26	Cultivar-specific transcriptome prediction and annotation in <i>Ficus carica</i> L.. <i>Genomics Data</i> , 2017, 13, 64-66.	1.3	13
27	Increasing NaCl and CaCl ₂ concentrations in the growth medium of quince leaves: I. Effects on somatic embryo and root regeneration. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2002, 38, 366-372.	2.1	12
28	OZONE FUMIGATION POSTHARVEST TREATMENT FOR THE QUALITY OF WINE GRAPE. <i>Acta Horticulturae</i> , 2015, , 795-800.	0.2	12
29	Integrated Bayesian Approaches Shed Light on the Dissemination Routes of the Eurasian Grapevine Germplasm. <i>Frontiers in Plant Science</i> , 2021, 12, 692661.	3.6	9
30	Increasing NaCl and CaCl ₂ concentrations in the growth medium of quince leaves: II. Effects on shoot regeneration. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2002, 38, 373-377.	2.1	8
31	INFLUENCE OF SOME AGRONOMIC AND ECOLOGICAL FACTORS ON THE CONSTANCY OF EXPRESSION OF SOME DESCRIPTIVE CHARACTERS INCLUDED IN THE UPOV APRICOT DESCRIPTOR LIST. <i>Acta Horticulturae</i> , 2006, , 51-54.	0.2	7
32	Combining color chart, colorimetric measurement and chemical compounds for postharvest quality of white wine grapes. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 3532-3541.	3.5	7
33	Simultaneous Regeneration of Different Morphogenic Structures from Quince Leaves as Affected by Growth Regulator Combination and Treatment Length. <i>Biologia Plantarum</i> , 2003, 46, 321-325.	1.9	6
34	Management of high-quality dehydrated grape in vinification to produce dry red wines. <i>Food Chemistry</i> , 2021, 338, 127623.	8.2	6
35	EFFECT OF HIGH AND LOW TEMPERATURE ON THE LEAF REGENERATING CAPACITY OF QUINCE BA29 ROOTSTOCK. <i>Acta Horticulturae</i> , 2004, , 591-597.	0.2	4
36	THE SOFTWARE FOR A 'UNIVERSAL GRAPEVINE DATABASE'. <i>Acta Horticulturae</i> , 2014, , 665-672.	0.2	3

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37	FLAVOUR BIOSYNTHESIS PATHWAYS IN GRAPE CELL CULTURES: SESQUITERPENES BIOSYNTHESIS. Acta Horticulturae, 2009, , 331-336.	0.2	3
38	Clonal Selection of cv. Aleatico (Vitis vinifera L.) Along Tuscan Coastal Area. , 2006, , .		2
39	EFFECT OF LIGHT QUALITY ON IN VITRO PRODUCTION OF CALLUS IN EXPLANTS OF THREE POINSETTIA CULTIVARS. Acta Horticulturae, 2001, , 449-452.	0.2	2
40	Effect of long-term in vitro shoot culture on somatic embryogenesis of quince leaves treated with different light qualities. In Vitro Cellular and Developmental Biology - Plant, 2001, 37, 767-772.	2.1	1
41	TRIALS WITH 'SANGIOVESE' GRAFTED ON SEVERAL GRAPEVINE ROOTSTOCKS IN TWO DIFFERENT AREAS OF TUSCANY. Acta Horticulturae, 2003, , 73-83.	0.2	1
42	Intra-varietal variability of Romanesco variety (Vitis vinifera L.). BIO Web of Conferences, 2019, 13, 01006.	0.2	1
43	CLONAL SELECTION OF 'SANGIOVESE' IN TOSCANY. Acta Horticulturae, 2004, , 35-43.	0.2	1
44	CHARACTERISATION OF ITALIAN APRICOT GERMLASM BY PHENOTYPIC AND MICROSATELLITE MARKERS. Acta Horticulturae, 2006, , 237-242.	0.2	0
45	Ampelographic and Biomolecular Studies on The Grapevine Variety 'Aleatico'. , 2006, , .		0
46	GENETIC STRUCTURE OF MEDITERRANEAN APRICOTS BY SSR FINGERPRINTING. Acta Horticulturae, 2011, , 309-314.	0.2	0
47	GENETIC DIVERSITY ANALYSIS OF MEDITERRANEAN APRICOT GEOGRAPHIC GROUPS. Acta Horticulturae, 2012, , 269-274.	0.2	0
48	FUNCTIONAL CHARACTERIZATION OF TERPENE SYNTHASES OF 'AROMATIC' AND 'NON-AROMATIC' GRAPEVINE CULTIVARS. Acta Horticulturae, 2014, , 557-563.	0.2	0