

Claudio Cantini

List of Publications by Year in descending order

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39
papers

1,226
citations

430874

18
h-index

377865

34
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39
all docs

39
docs citations

39
times ranked

1769
citing authors

#	ARTICLE	IF	CITATIONS
1	Production of Plant Secondary Metabolites: Examples, Tips and Suggestions for Biotechnologists. <i>Genes</i> , 2018, 9, 309.	2.4	212
2	DNA Fingerprinting of Tetraploid Cherry Germplasm Using Simple Sequence Repeats. <i>Journal of the American Society for Horticultural Science</i> , 2001, 126, 205-209.	1.0	130
3	Morphological evaluation of olive germplasm present in Tuscany region. <i>Euphytica</i> , 1999, 109, 173-181.	1.2	98
4	Characterization of Violetto di Toscana, a typical Italian variety of artichoke (<i>Cynara scolymus</i> L.). <i>Food Chemistry</i> , 2006, 95, 221-225.	8.2	93
5	Assessing gas exchange, sap flow and water relations using tree canopy spectral reflectance indices in irrigated and rainfed <i>Olea europaea</i> L.. <i>Environmental and Experimental Botany</i> , 2014, 99, 43-52.	4.2	75
6	Proton Transfer Reaction ⁺ Mass Spectrometry (PTR-MS) Headspace Analysis for Rapid Detection of Oxidative Alteration of Olive Oil. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 7635-7640.	5.2	74
7	Evolution of Minor Polar Compounds and Antioxidant Capacity during Storage of Bottled Extra Virgin Olive Oil. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 1315-1320.	5.2	51
8	Agrobiotechnology Goes Wild: Ancient Local Varieties as Sources of Bioactives. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2248.	4.1	47
9	Remotely Sensed Vegetation Indices to Discriminate Field-Grown Olive Cultivars. <i>Remote Sensing</i> , 2019, 11, 1242.	4.0	38
10	A novel mathematical procedure to interpret the stem radius variation in olive trees. <i>Agricultural and Forest Meteorology</i> , 2012, 161, 80-93.	4.8	37
11	UV-B Radiation Affects Photosynthesis-Related Processes of Two Italian <i>Olea europaea</i> (L.) Varieties Differently. <i>Plants</i> , 2020, 9, 1712.	3.5	31
12	Integrating olive grove maintenance and energy biomass recovery with a single-pass pruning and harvesting machine. <i>Biomass and Bioenergy</i> , 2011, 35, 808-813.	5.7	29
13	Drought Stress Affects the Response of Italian Local Tomato (<i>Solanum lycopersicum</i> L.) Varieties in a Genotype-Dependent Manner. <i>Plants</i> , 2019, 8, 336.	3.5	25
14	Fruit Ripening in Sour Cherry: Changes in Expression of Genes Encoding Expansins and other Cell-wall-modifying Enzymes. <i>Journal of the American Society for Horticultural Science</i> , 2003, 128, 16-22.	1.0	25
15	Ancient Tomato (<i>Solanum lycopersicum</i> L.) Varieties of Tuscany Have High Contents of Bioactive Compounds. <i>Horticulturae</i> , 2018, 4, 51.	2.8	22
16	Simultaneous measurements of stem radius variation and sap flux density reveal synchronisation of water storage and transpiration dynamics in olive trees. <i>Ecohydrology</i> , 2015, 8, 33-45.	2.4	21
17	Assessment of the Tuscan Olive Germplasm by Microsatellite Markers Reveals Genetic Identities and Different Discrimination Capacity among and within Cultivars. <i>Journal of the American Society for Horticultural Science</i> , 2008, 133, 598-604.	1.0	21
18	Functional Molecules in Locally-Adapted Crops: The Case Study of Tomatoes, Onions, and Sweet Cherry Fruits From Tuscany in Italy. <i>Frontiers in Plant Science</i> , 2019, 9, 1983.	3.6	20

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19	Italian Tomato Cultivars under Drought Stress Show Different Content of Bioactives in Pulp and Peel of Fruits. <i>Foods</i> , 2022, 11, 270.	4.3	17
20	Differences in wood properties of <i>Picea abies</i> L. Karst. in relation to site of provenance and population genetics. <i>Holzforschung</i> , 2015, 69, 385-397.	1.9	16
21	Biomass and volume modeling in <i>Olea europaea</i> L. cv "Leccino". <i>Trees - Structure and Function</i> , 2017, 31, 1859-1874.	1.9	15
22	Variability in volatile compounds from lipoxygenase pathway in extra virgin olive oils from Tuscan olive germoplasm by quantitative SPME/GC-MS. <i>Journal of Mass Spectrometry</i> , 2018, 53, 824-832.	1.6	15
23	Olive Varieties under UV-B Stress Show Distinct Responses in Terms of Antioxidant Machinery and Isoform/Activity of RubisCO. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11214.	4.1	15
24	Integration of Ground and Multi-Resolution Satellite Data for Predicting the Water Balance of a Mediterranean Two-Layer Agro-Ecosystem. <i>Remote Sensing</i> , 2016, 8, 731.	4.0	11
25	Morpho-Physiological Classification of Italian Tomato Cultivars (<i>Solanum lycopersicum</i> L.) According to Drought Tolerance during Vegetative and Reproductive Growth. <i>Plants</i> , 2021, 10, 1826.	3.5	10
26	Study of the combined effects of ripeness and production area on Bosana oil's quality. <i>Food Chemistry</i> , 2018, 245, 1098-1104.	8.2	10
27	Determination of Bitterness of Extra Virgin Olive Oils by Amperometric Detection. <i>Electroanalysis</i> , 2016, 28, 2196-2204.	2.9	9
28	A Novel Hyperspectral Method to Detect Moldy Core in Apple Fruits. <i>Sensors</i> , 2022, 22, 4479.	3.8	9
29	Sensory profiling and consumer acceptability of new dark cocoa bars containing Tuscan autochthonous food products. <i>Food Science and Nutrition</i> , 2018, 6, 245-252.	3.4	8
30	Nutraceutical Characteristics of Ancient <i>Malus x domestica</i> Borkh. Fruits Recovered across Siena in Tuscany. <i>Medicines (Basel, Switzerland)</i> , 2019, 6, 27.	1.4	8
31	Effects of Extra Virgin Olive Oil and Apples Enriched-Dark Chocolate on Endothelial Progenitor Cells in Patients with Cardiovascular Risk Factors: A Randomized Cross-Over Trial. <i>Antioxidants</i> , 2019, 8, 88.	5.1	7
32	Impact of Peels Extracts from an Italian Ancient Tomato Variety Grown under Drought Stress Conditions on Vascular Related Dysfunction. <i>Molecules</i> , 2021, 26, 4289.	3.8	6
33	An Alternative Method to Managing Olive Orchards: The Coppiced System. <i>HortTechnology</i> , 1998, 8, 409-412.	0.9	6
34	Susceptibility of European pear germplasm to <i>Cacopsylla pyri</i> under Mediterranean climatic conditions. <i>Scientia Horticulturae</i> , 2015, 185, 151-161.	3.6	5
35	Distinct Tomato Cultivars Are Characterized by a Differential Pattern of Biochemical Responses to Drought Stress. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5412.	4.1	4
36	Chemical Profiling of Two Italian <i>Olea europaea</i> (L.) Varieties Subjected to UV-B Stress. <i>Plants</i> , 2022, 11, 680.	3.5	2

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37	Effects of Drying Methods and Temperatures on the Quality of Chestnut Flours. <i>Foods</i> , 2022, 11, 1364.	4.3	2
38	Cocoa Bar Antioxidant Profile Enrichment with Underutilized Apples Varieties. <i>Antioxidants</i> , 2022, 11, 694.	5.1	1
39	Assessing the Genetic Identity of Tuscan Sweet Chestnut (<i>Castanea sativa</i> Mill.). <i>Forests</i> , 2022, 13, 967.	2.1	1