

# Claudio Cantini

## List of Publications by Year in descending order

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39  
papers

1,226  
citations

430874

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377865

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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Cocoa Bar Antioxidant Profile Enrichment with Underutilized Apples Varieties. <i>Antioxidants</i> , 2022, 11, 694.	5.1	1
4	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
5	Effects of Drying Methods and Temperatures on the Quality of Chestnut Flours. <i>Foods</i> , 2022, 11, 1364.	4.3	2
6	Assessing the Genetic Identity of Tuscan Sweet Chestnut ( <i>Castanea sativa</i> Mill.). <i>Forests</i> , 2022, 13, 967.	2.1	1
7	A Novel Hyperspectral Method to Detect Moldy Core in Apple Fruits. <i>Sensors</i> , 2022, 22, 4479.	3.8	9
8	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
9	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
10	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
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	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
13	Remotely Sensed Vegetation Indices to Discriminate Field-Grown Olive Cultivars. <i>Remote Sensing</i> , 2019, 11, 1242.	4.0	38
14	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
15	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
16	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
17	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
18	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

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19	Agrobiotechnology Goes Wild: Ancient Local Varieties as Sources of Bioactives. International Journal of Molecular Sciences, 2018, 19, 2248.	4.1	47
20	Variability in volatile compounds from lipoxygenase pathway in extra virgin olive oils from Tuscan olive germoplasm by quantitative SPME/GC-MS. Journal of Mass Spectrometry, 2018, 53, 824-832.	1.6	15
21	Production of Plant Secondary Metabolites: Examples, Tips and Suggestions for Biotechnologists. Genes, 2018, 9, 309.	2.4	212
22	Study of the combined effects of ripeness and production area on Bosana oil's quality. Food Chemistry, 2018, 245, 1098-1104.	8.2	10
23	Biomass and volume modeling in <i>Olea europaea</i> L. cv 'Leccino'. Trees - Structure and Function, 2017, 31, 1859-1874.	1.9	15
24	Integration of Ground and Multi-Resolution Satellite Data for Predicting the Water Balance of a Mediterranean Two-Layer Agro-Ecosystem. Remote Sensing, 2016, 8, 731.	4.0	11
25	Determination of Bitterness of Extra Virgin Olive Oils by Amperometric Detection. Electroanalysis, 2016, 28, 2196-2204.	2.9	9
26	Susceptibility of European pear germplasm to <i>Cacopsylla pyri</i> under Mediterranean climatic conditions. Scientia Horticulturae, 2015, 185, 151-161.	3.6	5
27	Differences in wood properties of <i>Picea abies</i> L. Karst. in relation to site of provenance and population genetics. Holzforschung, 2015, 69, 385-397.	1.9	16
28	Simultaneous measurements of stem radius variation and sap flux density reveal synchronisation of water storage and transpiration dynamics in olive trees. Ecohydrology, 2015, 8, 33-45.	2.4	21
29	Assessing gas exchange, sap flow and water relations using tree canopy spectral reflectance indices in irrigated and rainfed <i>Olea europaea</i> L.. Environmental and Experimental Botany, 2014, 99, 43-52.	4.2	75
30	A novel mathematical procedure to interpret the stem radius variation in olive trees. Agricultural and Forest Meteorology, 2012, 161, 80-93.	4.8	37
31	Integrating olive grove maintenance and energy biomass recovery with a single-pass pruning and harvesting machine. Biomass and Bioenergy, 2011, 35, 808-813.	5.7	29
32	Assessment of the Tuscan Olive Germplasm by Microsatellite Markers Reveals Genetic Identities and Different Discrimination Capacity among and within Cultivars. Journal of the American Society for Horticultural Science, 2008, 133, 598-604.	1.0	21
33	Evolution of Minor Polar Compounds and Antioxidant Capacity during Storage of Bottled Extra Virgin Olive Oil. Journal of Agricultural and Food Chemistry, 2007, 55, 1315-1320.	5.2	51
34	Proton Transfer Reaction-Mass Spectrometry (PTR-MS) Headspace Analysis for Rapid Detection of Oxidative Alteration of Olive Oil. Journal of Agricultural and Food Chemistry, 2006, 54, 7635-7640.	5.2	74
35	Characterization of Violetto di Toscana, a typical Italian variety of artichoke ( <i>Cynara scolymus</i> L.). Food Chemistry, 2006, 95, 221-225.	8.2	93
36	Fruit Ripening in Sour Cherry: Changes in Expression of Genes Encoding Expansins and other Cell-wall-modifying Enzymes. Journal of the American Society for Horticultural Science, 2003, 128, 16-22.	1.0	25

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37	DNA Fingerprinting of Tetraploid Cherry Germplasm Using Simple Sequence Repeats. Journal of the American Society for Horticultural Science, 2001, 126, 205-209.	1.0	130
38	Morphological evaluation of olive germplasm present in Tuscany region. Euphytica, 1999, 109, 173-181.	1.2	98
39	An Alternative Method to Managing Olive Orchards: The Coppiced System. HortTechnology, 1998, 8, 409-412.	0.9	6