

Daniela Farinelli

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

1,338
citations

361413

20
h-index

361022

35
g-index

56
all docs

56
docs citations

56
times ranked

1768
citing authors

#	ARTICLE	IF	CITATIONS
1	Stomatal closure is induced by hydraulic signals and maintained by ABA in drought-stressed grapevine. <i>Scientific Reports</i> , 2015, 5, 12449.	3.3	245
2	Sucrose synthase dominates carbohydrate metabolism and relative growth rate in growing kiwifruit (<i>Actinidia deliciosa</i> , cv Hayward). <i>Scientia Horticulturae</i> , 2011, 128, 197-205.	3.6	74
3	Relationships between stomatal behavior, xylem vulnerability to cavitation and leaf water relations in two cultivars of <i>Vitis vinifera</i> . <i>Physiologia Plantarum</i> , 2014, 152, 453-464.	5.2	68
4	Feasible Application of a Portable NIR-AOTF Tool for On-Field Prediction of Phenolic Compounds during the Ripening of Olives for Oil Production. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 2665-2673.	5.2	60
5	Is stored malate the quantitatively most important substrate utilised by respiration and ethanolic fermentation in grape berry pericarp during ripening?. <i>Plant Physiology and Biochemistry</i> , 2014, 76, 52-57.	5.8	59
6	Discrimination of extra-virgin-olive oils from different cultivars and geographical origins by untargeted metabolomics. <i>Food Research International</i> , 2019, 121, 746-753.	6.2	54
7	Evaluation of different mechanical fruit harvesting systems and oil quality in very large size olive trees. <i>Spanish Journal of Agricultural Research</i> , 2014, 12, 960.	0.6	46
8	Influence of light and shoot development stage on leaf photosynthesis and carbohydrate status during the adventitious root formation in cuttings of <i>Corylus avellana</i> L.. <i>Frontiers in Plant Science</i> , 2015, 6, 973.	3.6	40
9	Performance and oil quality of "Arbequina"™ and four Italian olive cultivars under super high density hedgerow planting system cultivated in central Italy. <i>Scientia Horticulturae</i> , 2015, 192, 97-107.	3.6	40
10	The self-incompatibility mating system of the olive (<i>Olea europaea</i> L.) functions with dominance between S-alleles. <i>Tree Genetics and Genomes</i> , 2014, 10, 1055-1067.	1.6	39
11	Stable isotope and fatty acid compositions of monovarietal olive oils: Implications of ripening stage and climate effects as determinants in traceability studies. <i>Food Control</i> , 2015, 57, 129-135.	5.5	38
12	Untargeted metabolomics with multivariate analysis to discriminate hazelnut (<i>Corylus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td Agriculture, 2020, 100, 500-508.	3.5	35
13	Mechanical vibration transmission and harvesting effectiveness is affected by the presence of branch suckers in olive trees. <i>Biosystems Engineering</i> , 2017, 158, 1-9.	4.3	32
14	The contribution of stored malate and citrate to the substrate requirements of metabolism of ripening peach (<i>Prunus persica</i> L. Batsch) flesh is negligible. Implications for the occurrence of phosphoenolpyruvate carboxykinase and gluconeogenesis. <i>Plant Physiology and Biochemistry</i> , 2016, 101, 33-42.	5.8	31
15	THE FRUIT DETACHMENT FORCE/FRUIT WEIGHT RATIO CAN BE USED TO PREDICT THE HARVESTING YIELD AND THE EFFICIENCY OF TRUNK SHAKERS ON MECHANICALLY HARVESTED OLIVES. <i>Acta Horticulturae</i> , 2012, , 61-64.	0.2	30
16	Stone Fruits: Growth and Nitrogen and Organic Acid Metabolism in the Fruits and Seeds A Review. <i>Frontiers in Plant Science</i> , 2020, 11, 572601.	3.6	29
17	Analysis of seed growth, fruit growth and composition and phosphoenolpyruvate carboxykinase (PEPCK) occurrence in apricot (<i>Prunus armeniaca</i> L.). <i>Scientia Horticulturae</i> , 2015, 186, 38-46.	3.6	28
18	Yield affects qualitative kiwifruit characteristics and dry matter content may be an indicator of both quality and storability. <i>Scientia Horticulturae</i> , 2012, 146, 124-130.	3.6	27

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19	Malate as substrate for catabolism and gluconeogenesis during ripening in the pericarp of different grape cultivars. <i>Biologia Plantarum</i> , 2016, 60, 155-162.	1.9	27
20	Cultivar discrimination, fatty acid profile and carotenoid characterization of monovarietal olive oils by Raman spectroscopy at a single glance. <i>Food Control</i> , 2019, 96, 137-145.	5.5	24
21	YIELD EFFICIENCY AND MECHANICAL HARVESTING WITH TRUNK SHAKER OF SOME INTERNATIONAL OLIVE CULTIVARS. <i>Acta Horticulturae</i> , 2012, , 379-384.	0.2	20
22	SELF-STERILITY AND CROSS-POLLINATION RESPONSES OF NINE OLIVE CULTIVARS IN CENTRAL ITALY. <i>Acta Horticulturae</i> , 2008, , 127-136.	0.2	19
23	The cost of flowering in olive (<i>Olea europaea</i> L.). <i>Scientia Horticulturae</i> , 2019, 252, 268-273.	3.6	19
24	Pollenizer and Cultivar Influence Seed Number and Fruit Characteristics in <i>Olea europaea</i> L.. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2012, 47, 1430-1437.	1.0	18
25	Specific features in the olive self-incompatibility system: A method to decipher S-allele pairs based on fruit settings. <i>Scientia Horticulturae</i> , 2015, 181, 62-75.	3.6	15
26	Intra-specific variability of stomatal sensitivity to vapour pressure deficit in <i>Corylus avellana</i> L.: A candidate factor influencing different adaptability to different climates?. <i>Journal of Plant Physiology</i> , 2019, 232, 241-247.	3.5	15
27	Harvesting system and fruit storage affect basic quality parameters and phenolic and volatile compounds of oils from intensive and super-intensive olive orchards. <i>Scientia Horticulturae</i> , 2020, 263, 109045.	3.6	15
28	A model based on S-allele dominance relationships to explain pseudo self-fertility of varieties in the olive tree. <i>Euphytica</i> , 2016, 210, 105-117.	1.2	14
29	Impact of climate change on the possible expansion of almond cultivation area pole-ward: a case study of Abruzzo, Italy. <i>Journal of Horticultural Science and Biotechnology</i> , 2018, 93, 209-215.	1.9	14
30	Kaolin treatments on Tonda Giffoni hazelnut (<i>Corylus avellana</i> L.) for the control of heat stress damages. <i>Scientia Horticulturae</i> , 2020, 263, 109097.	3.6	14
31	EVALUATION OF CANOPY ELASTICITY, LIGHT PENETRATION AND RECIPROCAL SHADING FOR OPTIMAL CANOPY MANAGEMENT IN HIGH DENSITY HEDGEROW OLIVE ORCHARDS. <i>Acta Horticulturae</i> , 2014, , 315-320.	0.2	13
32	VEGETATIVE AND PRODUCTIVE BEHAVIOUR OF FOUR OLIVE ITALIAN CULTIVARS AND 'ARBEQUINA' ACCORDING TO SUPER INTENSIVE OLIVE TRAINING SYSTEM IN CENTRAL ITALY. <i>Acta Horticulturae</i> , 2011, , 211-218.	0.2	11
33	Mitigation of multiple summer stresses on hazelnut (<i>Corylus avellana</i> L.): effects of the new arbuscular mycorrhiza <i>Glomus iranicum tenuipharum</i> sp. nova. <i>Scientia Horticulturae</i> , 2019, 257, 108659.	3.6	10
34	Combining analysis of fatty acid composition and $\delta^{13}C$ in extra-virgin olive oils as affected by harvest period and cultivar: Possible use in traceability studies. <i>Food Control</i> , 2019, 105, 151-158.	5.5	10
35	Carbon allocation strategies and water uptake in young grafted and own-rooted hazelnut (<i>Corylus avellana</i> L.) cultivars. <i>Tree Physiology</i> , 2022, 42, 939-957.	3.1	10
36	PRUNING TECHNIQUE IN YOUNG HIGH DENSITY HEDGEROW OLIVE ORCHARDS. <i>Acta Horticulturae</i> , 2014, , 385-390.	0.2	9

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37	Neem Oil Used as a "Complex Mixture" to Improve In Vitro Shoot Proliferation in Olive. Hortscience: A Publication of the American Society for Horticultural Science, 2018, 53, 531-534.	1.0	9
38	Reply to Saumitou-Laprade et al. (2017) "Controlling for genetic identity of varieties, pollen contamination and stigma receptivity is essential to characterize the self-incompatibility system of <i>Olea europaea</i> L." Eva: https://doi.org/10.1111/eva.12498 . Evolutionary Applications, 2018, 11, 1465-1470.	3.1	9
39	Variability of Fruit Quality among 103 Acerola (<i>Malpighia emarginata</i> D. C.) Phenotypes from the Subtropical Region of Brazil. Agriculture (Switzerland), 2021, 11, 1078.	3.1	9
40	Olive fruit detachment force against pulling and torsional stress. Spanish Journal of Agricultural Research, 2018, 16, e0202.	0.6	8
41	Climatic Suitability of Different Areas in Abruzzo, Central Italy, for the Cultivation of Hazelnut. Horticulturae, 2022, 8, 580.	2.8	7
42	A Dual-Successive-Screen Model at Pollen/Stigma and Pollen Tube/Ovary Explaining Paradoxical Self-Incompatibility Diagnosis in the Olive Tree "An Interpretative Update of the Literature. Plants, 2021, 10, 1938.	3.5	6
43	PRODUCTIVE AND ORGANOLEPTIC EVALUATION OF NEW HAZELNUT CROSSES. Acta Horticulturae, 2009, , 651-656.	0.2	6
44	MECHANICAL PRUNING OF ADULT OLIVE TREES AND INFLUENCE ON YIELD AND ON EFFICIENCY OF MECHANICAL HARVESTING. Acta Horticulturae, 2011, , 203-209.	0.2	5
45	FIRST RESULTS OF OLIVE MECHANICAL PRUNING. Acta Horticulturae, 2012, , 409-414.	0.2	5
46	RELATIONSHIPS BETWEEN FLOWER DENSITY AND SHOOT LENGTH IN HAZELNUT (<i>CORYLUS AVELLANA</i> L.). Acta Horticulturae, 2014, , 137-142.	0.2	4
47	Canopy management in super high-density olive orchards: relationship between canopy light penetration, canopy size and productivity. Acta Horticulturae, 2017, , 87-92.	0.2	3
48	Application of additive light increases leafy cutting rooting and survival in hazelnut (<i>Corylus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30	0.2	3
49	PATERNAL AND MATERNAL EFFECTS ON SEED CHARACTERISTICS OF OLIVE CULTIVARS. Acta Horticulturae, 2008, , 121-125.	0.2	3
50	WORK PRODUCTIVITY OF TEAMS WITH DIFFERENT PRUNING TOOLS IN OLIVE. Acta Horticulturae, 2012, , 595-600.	0.2	3
51	Tracking olive fruit movement and twisting during the harvesting process using video analysis. Acta Horticulturae, 2018, , 409-414.	0.2	2
52	Effects of a new arbuscular mycorrhizal fungus (<i>Glomus iranicum</i>) on grapevine development. BIO Web of Conferences, 2019, 13, 04018.	0.2	2
53	INFLUENCE OF PEDOCLIMATIC CONDITIONS AND ORCHARD MANAGEMENT ON FRUIT QUALITY CHARACTERISTICS IN HAZELNUT CULTIVARS 'TONDA GENTILE ROMANA' AND 'TONDA DI GIFFONI'. Acta Horticulturae, 2009, , 599-606.	0.2	1
54	Modelling of pruning technique effects on branch architecture and subsequent year shoot flowering in hazelnut. Acta Horticulturae, 2017, , 141-144.	0.2	1

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55	Xylem manipulation techniques affecting tree vigour in peach and olive trees. <i>Acta Horticulturae</i> , 2018, , 91-96.	0.2	0