Francesco Paolo Marra

List of Publications by Year
in descending order

68	939	471509 17	501196 28
papers	citations	h-index	g-index

68	68	68	1114
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genetic relationships, structure and parentage simulation among the olive tree (Olea europaea L.) Tj ETQq1 1 0.784314 rgBT /Overlock 9, 961-973.	1.6	81
2	Molecular and morphological diversity of on-farm hazelnut (Corylus avellana L.) landraces from southern Europe and their role in the origin and diffusion of cultivated germplasm. Tree Genetics and Genomes, 2013, 9, 1465-1480.	1.6	57
3	A sustainable phenolic compound extraction system from olive oil mill wastewater. Journal of Cleaner Production, 2017, 142, 3782-3788.	9.3	49
4	Effects of different irrigation regimes on a super-high-density olive grove cv. â€œArbequinaâ€• vegetative growth, productivity and polyphenol content of the oil. Irrigation Science, 2016, 34, 313-325.	2.8	46
5	Genetic diversity and clonal variation within the main Sicilian olive cultivars based on morphological traits and microsatellite markers. Scientia Horticulturae, 2014, 180, 130-138.	3.6	43
6	Transcriptomic responses to biotic stresses in Malus x domestica: a meta-analysis study. Scientific Reports, 2018, 8, 1970.	3.3	37
7	THERMAL TIME REQUIREMENT AND HARVEST TIME FORECAST FOR PEACH CULTIVARS WITH DIFFERENT FRUIT DEVELOPMENT PERIODS. Acta Horticulturae, 2002, , 523-529.	0.2	35
8	GROWTH AND YIELDS OF 'ARBEQUINA' HIGH-DENSITY PLANTING SYSTEMS IN THREE DIFFERENT OLIVE GROWING AREAS IN ITALY. Acta Horticulturae, 2014, , 341-348.	0.2	34
9	The first high-density sequence characterized SNP-based linkage map of olive (Olea europaea L. subsp.) Tj ETQq1 1 0.784314 rgBT /Over 857-863.	0.3	33
10	Responses of Young Peach Trees to Root Confinement. Journal of the American Society for Horticultural Science, 1994, 119, 223-228.	1.0	32
11	Gas Exchanges and Stem Water Potential Define Stress Thresholds for Efficient Irrigation Management in Olive (Olea europea L.). Water (Switzerland), 2018, 10, 342.	2.7	30
12	Seasonal variations of antimicrobial activity and chemical composition of essential oils extracted from threeCitrus limonL. Burm. cultivars. Natural Product Research, 2014, 28, 383-391.	1.8	27
13	Validation of an online system for the continuous monitoring of tree water status for sustainable irrigation managements in olive (Olea europaea L.). Agricultural Water Management, 2016, 177, 298-307.	5.6	25
14	Horticultural performance of 23 Sicilian olive genotypes in hedgerow systems: Vegetative growth, productive potential and oil quality. Scientia Horticulturae, 2017, 217, 217-225.	3.6	25
15	The effect of different vigour olive clones on growth, dry matter partitioning and gas exchange under water deficit. Scientia Horticulturae, 2012, 134, 72-78.	3.6	22
16	Seasonal dynamics of photosynthesis and total carbon gain in bearing and nonbearing pistachio (Pistacia vera L.) shoots. Photosynthetica, 2018, 56, 932-941.	1.7	21
17	Toward the valorization of olive (Olea europaea var. europaea L.) biodiversity: horticultural performance of seven Sicilian cultivars in a hedgerow planting system. Scientia Horticulturae, 2019, 256, 108583.	3.6	19
18	Toward the definition of a carbon budget model: seasonal variation and temperature effect on respiration rate of vegetative and reproductive organs of pistachio trees (Pistacia vera). Tree Physiology, 2009, 29, 1095-1103.	3.1	17

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19	Detecting Mild Water Stress in Olive with Multiple Plant-Based Continuous Sensors. Plants, 2021, 10, 131.	3.5	17
20	High-Resolution UAV Imagery for Field Olive (Olea europaea L.) Phenotyping. Horticulturae, 2021, 7, 258.	2.8	17
21	Effect of Planting System on Productivity, Dry-matter Partitioning and Carbohydrate Content in Above-ground Components of `Flordaprince' Peach Trees. Journal of the American Society for Horticultural Science, 1999, 124, 39-45.	1.0	17
22	Sustainability of pistachio production (Pistacia vera L.) under supplemental irrigation in a Mediterranean climate. Scientia Horticulturae, 2018, 241, 260-266.	3.6	16
23	Genetic similarity among Tunisian cultivated olive estimated through SSR markers. Scientia Agricola, 2013, 70, 33-38.	1.2	15
24	Biomass and volume modeling in Olea europaea L. cv â€œLeccinoâ€• Trees - Structure and Function, 2017, 31, 1859-1874.	1.9	15
25	Establishing a Reference Baseline for Midday Stem Water Potential in Olive and Its Use for Plant-Based Irrigation Management. Frontiers in Plant Science, 2021, 12, 791711.	3.6	14
26	GENETIC AND PHENOTYPIC DIVERSITY IN PISTACHIO (P. VERA L.) GERMPLASM COLLECTED IN MEDITERRANEAN COUNTRIES. Acta Horticulturae, 1998, , 168-180.	0.2	13
27	A Cultivar-Sensitive Approach for the Continuous Monitoring of Olive (Olea europaea L.) Tree Water Status by Fruit and Leaf Sensing. Frontiers in Plant Science, 2020, 11, 340.	3.6	13
28	Growth, yield and fruit quality of â€˜Tropic Snowâ€™ peach on size-controlling rootstocks under dry Mediterranean climates. Scientia Horticulturae, 2013, 160, 274-282.	3.6	11
29	Improvement in yield and fruit size and quality of the main Italian table olive cultivar 'Nocellara del Belice'. Scientia Agricola, 2014, 71, 52-57.	1.2	11
30	Two new planting systems for early ripening peaches (Prunus persicaL. Batsch): Yield and fruit quality in four low-chill cultivars. The Journal of Horticultural Science, 1997, 72, 873-883.	0.3	10
31	DRY MATTER ACCUMULATION AND CARBOHYDRATE CONTENT WITHIN BRANCHES OF FRUITING AND DEBLOSSOMED PISTACHIO (PISTACIA VERA L.) TREES. Acta Horticulturae, 1998, , 331-339.	0.2	10
32	Algerian Olive Germplasm and Its Relationships with the Central-Western Mediterranean Varieties Contributes to Clarify Cultivated Olive Diversification. Plants, 2021, 10, 678.	3.5	10
33	In-Field and Early Detection of Xylella fastidiosa Infections in Olive Using a Portable Instrument. Frontiers in Plant Science, 2018, 9, 2007.	3.6	9
34	Transcriptome Analysis of Pistacia vera Inflorescence Buds in Bearing and Non-Bearing Shoots Reveals the Molecular Mechanism Causing Premature Flower Bud Abscission. Genes, 2020, 11, 851.	2.4	9
35	Gaining Insight into Exclusive and Common Transcriptomic Features Linked to Drought and Salinity Responses across Fruit Tree Crops. Plants, 2020, 9, 1059.	3.5	9
36	Genetic diversity of fig (Ficus caricaL.) genotypes grown in Southern Italy revealed by the use of SSR markers. Acta Horticulturae, 2017, , 75-80.	0.2	8

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37	Isozymes and Canonical Discriminant Analysis to Identify Pistachio (Pistacia vera L.) Germplasm. Hortscience: A Publication of the American Society for Hortcultural Science, 1996, 31, 134-138.	1.0	8
38	Yield and Profitability of Modified Spanish Bush and Y-trellis Training Systems for Peach. Hortscience: A Publication of the American Society for Hortcultural Science, 2015, 50, 1160-1164.	1.0	7
39	INTRA-CULTIVAR DIVERSITY IN SOUTHERN ITALY OLIVE CULTIVARS DEPICTED BY MORPHOLOGICAL TRAITS AND SSR MARKERS. Acta Horticulturae, 2014, , 571-576.	0.2	6
40	Use of phenoclimatic models to estimate the chill and heat requirements of four sweet cherry cultivars in Italy. Acta Horticulturae, 2017, , 57-64.	0.2	6
41	RNA-Seq analysis to investigate alternate bearing mechanism in Pistacia vera L.. Acta Horticulturae, 2018, , 71-78.	0.2	5
42	HISTOLOGICAL STUDIES ON PISTACHIO VEGETATIVE ORGANS AS RELATED TO FRUCTIFICATION. Acta Horticulturae, 2004, , 381-386.	0.2	5
43	Transpiration rates and hydraulic conductance of two olive genotypes with different sensitivity to drought. Acta Horticulturae, 2019, , 421-428.	0.2	5
44	Predicting olive flowering phenology with phenoclimatic models. Acta Horticulturae, 2018, , 189-194.	0.2	4
45	Transcriptomic Analysis of the Pistacia vera (L.) Fruits Enable the Identification of Genes and Hormone-Related Gene Linked to Inflorescence Bud Abscission. Genes, 2022, 13, 60.	2.4	4
46	PHENOLOGICAL AND MORPHOLOGICAL STUDIES OF PISTACIA TEREBINTHUS L. GENOTYPES NATIVE OF BULGARIA WITH DIFFERENT ASSET OF TREE SEXUALITY. Acta Horticulturae, 2009, , 63-70.	0.2	3
47	Water status and gas exchange of pistachio trees under different irrigation levels. Acta Horticulturae, 2017, , 281-288.	0.2	3
48	Morphological and molecular variability within the fig cultivar â€˜Dottatoâ€™ in the Italian protected designation origin area â€œFichi di Cosenzaâ€• Acta Horticulturae, 2017, , 29-34.	0.2	3
49	The Effect of Plant Water Status on the Chemical Composition of Pistachio Nuts (Pistacia vera L.) Tj ETQq1 1 0.784314 rgBT /Overloc	3.1	3
50	Automatic detection and agronomic characterization of olive groves using high-resolution imagery and LIDAR data. Proceedings of SPIE, 2014, , .	0.8	2
51	New selections of Prunus persica for low chill Mediterranean climate areas. Acta Horticulturae, 2016, , 7-12.	0.2	2
52	Identification of (in)compatibleS-genotypes and molecular characterisation of Italian sweet cherry cultivars. Acta Horticulturae, 2017, , 41-46.	0.2	2
53	Heat requirements for loquat fruit development may be assessed with a Beta model approach. Acta Horticulturae, 2018, , 101-108.	0.2	2
54	A carbon budget model to predict branch carbohydrate deficiencies as a function of water stress and crop load in pistachio (Pistacia vera L.). Acta Horticulturae, 2018, , 183-188.	0.2	2

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55	Seasonal changes in starch content in pistachio organs as related to crop load. Acta Horticulturae, 2018, , 171-176.	0.2	2
56	Deciphering transcriptional regulation mechanisms underlining fruit development and ripening in Vitis vinifera. Journal of Berry Research, 2019, 9, 641-664.	1.4	2
57	Physiological and Structural Responses to Prolonged Water Deficit in Young Trees of Two Olive Cultivars. Plants, 2022, 11, 1695.	3.5	2
58	Effect of soil permanent grass cover on growth, yield and water status of rainfed olive trees in Sicily. Acta Horticulturae, 2017, , 319-326.	0.2	1
59	Detecting biophysical and geometrical characteristics of the canopy of three olive cultivars in hedgerow planting systems using an UAV and VIS-NIR cameras. Acta Horticulturae, 2021, , 269-274.	0.2	1
60	GENETIC IMPROVEMENT OF SWEET CHESTNUT IN SICILY (CASTANEA SATIVA MILL.) BY THE SELECTION OF SUPERIOR AUTOCHTHONOUS GENOTYPES. Acta Horticulturae, 2010, , 175-180.	0.2	1
61	Modeling seasonal branch carbon dynamics in pistachio as a function of crop load. Scientia Horticulturae, 2022, 296, 110875.	3.6	1
62	ECOPHYSIOLOGICAL CHARACTERIZATION OF THE CANOPY OF PEACH (P. PERSICA L. BATSCH) IN TWO PLANTING SYSTEMS. Acta Horticulturae, 2007, , 579-585.	0.2	0
63	EVALUATION OF SMALL VASE AND Y-TRELLIS ORCHARD SYSTEMS FOR PEACH AND NECTARINE PRODUCTION IN MEDITERRANEAN REGIONS. Acta Horticulturae, 2015, , 465-470.	0.2	0
64	EVALUATION OF MORPHOLOGICAL AND GENETIC DIVERSITY OF LOQUAT ACCESSIONS GROWN IN SICILY. Acta Horticulturae, 2015, , 115-118.	0.2	0
65	Growth and physiological responses of young olive trees affected by Olive leaf yellowing associated virus. Acta Horticulturae, 2017, , 165-168.	0.2	0
66	Preliminary identification of self-incompatibility genotypes of Sicilian almond landraces. Acta Horticulturae, 2018, , 79-84.	0.2	0
67	DEVELOPMENT OF A SENSOR FOR CONTINUOUS AND ACCURATE MONITORING OF AIR FLOW FOR OPEN-SYSTEM WHOLE CANOPY GAS-EXCHANGE MEASUREMENTS. Acta Horticulturae, 2007, , 617-622.	0.2	0
68	RECOVERY AND CHARACTERIZATION OF THE CHESTNUT GERMPLASM ON THE WESTERN SLOPES OF THE ASPROMONTE IN SOUTHERN CALABRIA. Acta Horticulturae, 2010, , 189-193.	0.2	0