

# Francesco Paolo Marra

## List of Publications by Year in descending order

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1114  
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#	ARTICLE	IF	CITATIONS
1	Modeling seasonal branch carbon dynamics in pistachio as a function of crop load. <i>Scientia Horticulturae</i> , 2022, 296, 110875.	3.6	1
2	Transcriptomic Analysis of the <i>Pistacia vera</i> (L.) Fruits Enable the Identification of Genes and Hormone-Related Gene Linked to Inflorescence Bud Abscission. <i>Genes</i> , 2022, 13, 60.	2.4	4
3	Physiological and Structural Responses to Prolonged Water Deficit in Young Trees of Two Olive Cultivars. <i>Plants</i> , 2022, 11, 1695.	3.5	2
4	Detecting Mild Water Stress in Olive with Multiple Plant-Based Continuous Sensors. <i>Plants</i> , 2021, 10, 131.	3.5	17
5	Algerian Olive Germplasm and Its Relationships with the Central-Western Mediterranean Varieties Contributes to Clarify Cultivated Olive Diversification. <i>Plants</i> , 2021, 10, 678.	3.5	10
6	Detecting biophysical and geometrical characteristics of the canopy of three olive cultivars in hedgerow planting systems using an UAV and VIS-NIR cameras. <i>Acta Horticulturae</i> , 2021, , 269-274.	0.2	1
7	High-Resolution UAV Imagery for Field Olive ( <i>Olea europaea</i> L.) Phenotyping. <i>Horticulturae</i> , 2021, 7, 258.	2.8	17
8	Establishing a Reference Baseline for Midday Stem Water Potential in Olive and Its Use for Plant-Based Irrigation Management. <i>Frontiers in Plant Science</i> , 2021, 12, 791711.	3.6	14
9	Transcriptome Analysis of <i>Pistacia vera</i> Inflorescence Buds in Bearing and Non-Bearing Shoots Reveals the Molecular Mechanism Causing Premature Flower Bud Abscission. <i>Genes</i> , 2020, 11, 851.	2.4	9
10	Gaining Insight into Exclusive and Common Transcriptomic Features Linked to Drought and Salinity Responses across Fruit Tree Crops. <i>Plants</i> , 2020, 9, 1059.	3.5	9
11	The Effect of Plant Water Status on the Chemical Composition of Pistachio Nuts ( <i>Pistacia vera</i> L.) Tj ETQq1 1 0.784314 rgBT /Overloc	3.1	3
12	A Cultivar-Sensitive Approach for the Continuous Monitoring of Olive ( <i>Olea europaea</i> L.) Tree Water Status by Fruit and Leaf Sensing. <i>Frontiers in Plant Science</i> , 2020, 11, 340.	3.6	13
13	Toward the valorization of olive ( <i>Olea europaea</i> var. <i>europaea</i> L.) biodiversity: horticultural performance of seven Sicilian cultivars in a hedgerow planting system. <i>Scientia Horticulturae</i> , 2019, 256, 108583.	3.6	19
14	Deciphering transcriptional regulation mechanisms underlining fruit development and ripening in <i>Vitis vinifera</i> . <i>Journal of Berry Research</i> , 2019, 9, 641-664.	1.4	2
15	Transpiration rates and hydraulic conductance of two olive genotypes with different sensitivity to drought. <i>Acta Horticulturae</i> , 2019, , 421-428.	0.2	5
16	Transcriptomic responses to biotic stresses in <i>Malus x domestica</i> : a meta-analysis study. <i>Scientific Reports</i> , 2018, 8, 1970.	3.3	37
17	Seasonal dynamics of photosynthesis and total carbon gain in bearing and nonbearing pistachio ( <i>Pistacia vera</i> L.) shoots. <i>Photosynthetica</i> , 2018, 56, 932-941.	1.7	21
18	Preliminary identification of self-incompatibility genotypes of Sicilian almond landraces. <i>Acta Horticulturae</i> , 2018, , 79-84.	0.2	0

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19	Heat requirements for loquat fruit development may be assessed with a Beta model approach. <i>Acta Horticulturae</i> , 2018, , 101-108.	0.2	2
20	A carbon budget model to predict branch carbohydrate deficiencies as a function of water stress and crop load in pistachio ( <i>Pistacia vera</i> L.). <i>Acta Horticulturae</i> , 2018, , 183-188.	0.2	2
21	Predicting olive flowering phenology with phenoclimatic models. <i>Acta Horticulturae</i> , 2018, , 189-194.	0.2	4
22	Seasonal changes in starch content in pistachio organs as related to crop load. <i>Acta Horticulturae</i> , 2018, , 171-176.	0.2	2
23	RNA-Seq analysis to investigate alternate bearing mechanism in <i>Pistacia vera</i> L.. <i>Acta Horticulturae</i> , 2018, , 71-78.	0.2	5
24	Gas Exchanges and Stem Water Potential Define Stress Thresholds for Efficient Irrigation Management in Olive ( <i>Olea europea</i> L.). <i>Water (Switzerland)</i> , 2018, 10, 342.	2.7	30
25	Sustainability of pistachio production ( <i>Pistacia vera</i> L.) under supplemental irrigation in a Mediterranean climate. <i>Scientia Horticulturae</i> , 2018, 241, 260-266.	3.6	16
26	In-Field and Early Detection of <i>Xylella fastidiosa</i> Infections in Olive Using a Portable Instrument. <i>Frontiers in Plant Science</i> , 2018, 9, 2007.	3.6	9
27	Horticultural performance of 23 Sicilian olive genotypes in hedgerow systems: Vegetative growth, productive potential and oil quality. <i>Scientia Horticulturae</i> , 2017, 217, 217-225.	3.6	25
28	Identification of (in)compatible<i>S</i>-genotypes and molecular characterisation of Italian sweet cherry cultivars. <i>Acta Horticulturae</i> , 2017, , 41-46.	0.2	2
29	A sustainable phenolic compound extraction system from olive oil mill wastewater. <i>Journal of Cleaner Production</i> , 2017, 142, 3782-3788.	9.3	49
30	Genetic diversity of fig ( <i>Ficus carica</i> L.) genotypes grown in Southern Italy revealed by the use of SSR markers. <i>Acta Horticulturae</i> , 2017, , 75-80.	0.2	8
31	Water status and gas exchange of pistachio trees under different irrigation levels. <i>Acta Horticulturae</i> , 2017, , 281-288.	0.2	3
32	Effect of soil permanent grass cover on growth, yield and water status of rainfed olive trees in Sicily. <i>Acta Horticulturae</i> , 2017, , 319-326.	0.2	1
33	Growth and physiological responses of young olive trees affected by <i>Olive leaf yellowing associated virus</i>. <i>Acta Horticulturae</i> , 2017, , 165-168.	0.2	0
34	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
35	Morphological and molecular variability within the fig cultivar ‘Dottato’™ in the Italian protected designation origin area ‘Fichi di Cosenza’. <i>Acta Horticulturae</i> , 2017, , 29-34.	0.2	3
36	Use of phenoclimatic models to estimate the chill and heat requirements of four sweet cherry cultivars in Italy. <i>Acta Horticulturae</i> , 2017, , 57-64.	0.2	6

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37	The first high-density sequence characterized SNP-based linkage map of olive ( <i>Olea europaea</i> L. subsp.) Tj ETQq1 1 0.784314 rgBT /Overload 857-863.	0.3	33
38	New selections of <i>Prunus persica</i> for low chill Mediterranean climate areas. <i>Acta Horticulturae</i> , 2016, , 7-12.	0.2	2
39	Effects of different irrigation regimes on a super-high-density olive grove cv. "Arbequina" vegetative growth, productivity and polyphenol content of the oil. <i>Irrigation Science</i> , 2016, 34, 313-325.	2.8	46
40	Validation of an online system for the continuous monitoring of tree water status for sustainable irrigation managements in olive ( <i>Olea europaea</i> L.). <i>Agricultural Water Management</i> , 2016, 177, 298-307.	5.6	25
41	EVALUATION OF SMALL VASE AND Y-TRELLIS ORCHARD SYSTEMS FOR PEACH AND NECTARINE PRODUCTION IN MEDITERRANEAN REGIONS. <i>Acta Horticulturae</i> , 2015, , 465-470.	0.2	0
42	EVALUATION OF MORPHOLOGICAL AND GENETIC DIVERSITY OF LOQUAT ACCESSIONS GROWN IN SICILY. <i>Acta Horticulturae</i> , 2015, , 115-118.	0.2	0
43	Yield and Profitability of Modified Spanish Bush and Y-trellis Training Systems for Peach. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2015, 50, 1160-1164.	1.0	7
44	Improvement in yield and fruit size and quality of the main Italian table olive cultivar 'Nocellara del Belice'. <i>Scientia Agricola</i> , 2014, 71, 52-57.	1.2	11
45	Seasonal variations of antimicrobial activity and chemical composition of essential oils extracted from three <i>Citrus limon</i> L. Burm. cultivars. <i>Natural Product Research</i> , 2014, 28, 383-391.	1.8	27
46	Automatic detection and agronomic characterization of olive groves using high-resolution imagery and LIDAR data. <i>Proceedings of SPIE</i> , 2014, , .	0.8	2
47	Genetic diversity and clonal variation within the main Sicilian olive cultivars based on morphological traits and microsatellite markers. <i>Scientia Horticulturae</i> , 2014, 180, 130-138.	3.6	43
48	GROWTH AND YIELDS OF 'ARBEQUINA' HIGH-DENSITY PLANTING SYSTEMS IN THREE DIFFERENT OLIVE GROWING AREAS IN ITALY. <i>Acta Horticulturae</i> , 2014, , 341-348.	0.2	34
49	INTRA-CULTIVAR DIVERSITY IN SOUTHERN ITALY OLIVE CULTIVARS DEPICTED BY MORPHOLOGICAL TRAITS AND SSR MARKERS. <i>Acta Horticulturae</i> , 2014, , 571-576.	0.2	6
50	Molecular and morphological diversity of on-farm hazelnut ( <i>Corylus avellana</i> L.) landraces from southern Europe and their role in the origin and diffusion of cultivated germplasm. <i>Tree Genetics and Genomes</i> , 2013, 9, 1465-1480.	1.6	57
51	Genetic relationships, structure and parentage simulation among the olive tree ( <i>Olea europaea</i> L.) Tj ETQq1 1 0.784314 rgBT /Overload 9, 961-973.	1.6	81
52	Growth, yield and fruit quality of "Tropic Snow" peach on size-controlling rootstocks under dry Mediterranean climates. <i>Scientia Horticulturae</i> , 2013, 160, 274-282.	3.6	11
53	Genetic similarity among Tunisian cultivated olive estimated through SSR markers. <i>Scientia Agricola</i> , 2013, 70, 33-38.	1.2	15
54	The effect of different vigour olive clones on growth, dry matter partitioning and gas exchange under water deficit. <i>Scientia Horticulturae</i> , 2012, 134, 72-78.	3.6	22

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55	GENETIC IMPROVEMENT OF SWEET CHESTNUT IN SICILY ( <i>CASTANEA SATIVA</i> MILL.) BY THE SELECTION OF SUPERIOR AUTOCHTHONOUS GENOTYPES. <i>Acta Horticulturae</i> , 2010, , 175-180.	0.2	1
56	RECOVERY AND CHARACTERIZATION OF THE CHESTNUT GERMPLASM ON THE WESTERN SLOPES OF THE ASPROMONTE IN SOUTHERN CALABRIA. <i>Acta Horticulturae</i> , 2010, , 189-193.	0.2	0
57	Toward the definition of a carbon budget model: seasonal variation and temperature effect on respiration rate of vegetative and reproductive organs of pistachio trees ( <i>Pistacia vera</i> ). <i>Tree Physiology</i> , 2009, 29, 1095-1103.	3.1	17
58	PHENOLOGICAL AND MORPHOLOGICAL STUDIES OF <i>PISTACIA TEREBINTHUS</i> L. GENOTYPES NATIVE OF BULGARIA WITH DIFFERENT ASSET OF TREE SEXUALITY. <i>Acta Horticulturae</i> , 2009, , 63-70.	0.2	3
59	ECOPHYSIOLOGICAL CHARACTERIZATION OF THE CANOPY OF PEACH ( <i>P. PERSICA</i> L. BATSCH) IN TWO PLANTING SYSTEMS. <i>Acta Horticulturae</i> , 2007, , 579-585.	0.2	0
60	DEVELOPMENT OF A SENSOR FOR CONTINUOUS AND ACCURATE MONITORING OF AIR FLOW FOR OPEN-SYSTEM WHOLE CANOPY GAS-EXCHANGE MEASUREMENTS. <i>Acta Horticulturae</i> , 2007, , 617-622.	0.2	0
61	HISTOLOGICAL STUDIES ON PISTACHIO VEGETATIVE ORGANS AS RELATED TO FRUCTIFICATION. <i>Acta Horticulturae</i> , 2004, , 381-386.	0.2	5
62	THERMAL TIME REQUIREMENT AND HARVEST TIME FORECAST FOR PEACH CULTIVARS WITH DIFFERENT FRUIT DEVELOPMENT PERIODS. <i>Acta Horticulturae</i> , 2002, , 523-529.	0.2	35
63	Effect of Planting System on Productivity, Dry-matter Partitioning and Carbohydrate Content in Above-ground Components of 'Flordaprince' Peach Trees. <i>Journal of the American Society for Horticultural Science</i> , 1999, 124, 39-45.	1.0	17
64	DRY MATTER ACCUMULATION AND CARBOHYDRATE CONTENT WITHIN BRANCHES OF FRUITING AND DEBLOSSOMED PISTACHIO ( <i>PISTACIA VERA</i> L.) TREES. <i>Acta Horticulturae</i> , 1998, , 331-339.	0.2	10
65	GENETIC AND PHENOTYPIC DIVERSITY IN PISTACHIO ( <i>P. VERA</i> L.) GERMPLASM COLLECTED IN MEDITERRANEAN COUNTRIES. <i>Acta Horticulturae</i> , 1998, , 168-180.	0.2	13
66	Two new planting systems for early ripening peaches ( <i>Prunus persica</i> L. Batsch): Yield and fruit quality in four low-chill cultivars. <i>The Journal of Horticultural Science</i> , 1997, 72, 873-883.	0.3	10
67	Isozymes and Canonical Discriminant Analysis to Identify Pistachio ( <i>Pistacia vera</i> L.) Germplasm. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 1996, 31, 134-138.	1.0	8
68	Responses of Young Peach Trees to Root Confinement. <i>Journal of the American Society for Horticultural Science</i> , 1994, 119, 223-228.	1.0	32