

Vitale NUZZO

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

1,062
citations

623734

14
h-index

414414

32
g-index

54
all docs

54
docs citations

54
times ranked

1734
citing authors

#	ARTICLE	IF	CITATIONS
1	Biosynthesis, metabolism, molecular engineering, and biological functions of stilbene phytoalexins in plants. <i>BioFactors</i> , 2010, 36, 331-341.	5.4	214
2	Drought-induced variations of water relations parameters in <i>Olea europaea</i> . <i>Plant and Soil</i> , 2003, 257, 381-389.	3.7	112
3	Net CO ₂ storage in mediterranean olive and peach orchards. <i>Scientia Horticulturae</i> , 2005, 107, 17-24.	3.6	97
4	Orchard management, soil organic carbon and ecosystem services in Mediterranean fruit tree crops. <i>Scientia Horticulturae</i> , 2017, 217, 92-101.	3.6	97
5	Effects of water deficit on the vegetative response, yield and oil quality of olive trees (<i>Olea europaea</i>) Tj ETQq1 1 0,784314 rgBT /Overlo	3.6	86
6	BERRY SIZE AND YIELD PARADIGMS ON GRAPES AND WINES QUALITY. <i>Acta Horticulturae</i> , 2007, , 423-436.	0.2	57
7	Internal versus external control of calcium nutrition in kiwifruit. <i>Journal of Plant Nutrition and Soil Science</i> , 2014, 177, 819-830.	1.9	42
8	SOIL WATER AVAILABILITY AND RELATIONSHIP BETWEEN CANOPY AND ROOTS IN YOUNG OLIVE TREES (CV) Tj ETQq0 0 0 rgBT /Overlo	0.2	36
9	Drought phenotyping in <i>Vitis vinifera</i> using RGB and NIR imaging. <i>Scientia Horticulturae</i> , 2019, 256, 108555.	3.6	35
10	Berry morphology and composition in irrigated and non-irrigated grapevine (<i>Vitis vinifera</i> L.). <i>Journal of Plant Physiology</i> , 2012, 169, 1023-1031.	3.5	29
11	Image-Based Assessment of Drought Response in Grapevines. <i>Frontiers in Plant Science</i> , 2020, 11, 595.	3.6	28
12	DISTRIBUTION OF DRY MATTER AND AMOUNT OF MINERAL ELEMENTS IN IRRIGATED AND NON-IRRIGATED OLIVE TREES. <i>Acta Horticulturae</i> , 1999, , 381-384.	0.2	18
13	Climate change mitigation and adaptation in agriculture: the case of the olive. <i>Journal of Water and Climate Change</i> , 2018, 9, 633-642.	2.9	18
14	Leaf area, light environment, and gas exchange in Montepulciano grapevines trained to <i>Tendone</i> trellising system. <i>Plant Biosystems</i> , 2012, 146, 322-333.	1.6	17
15	DROUGHT STRESS-INDUCED VARIATION OF PRESSURE-VOLUME RELATIONSHIPS IN OLEA EUROPAEA L. CV. "CORATINA". <i>Acta Horticulturae</i> , 1997, , 401-410.	0.2	14
16	Susceptibility to <i>Xylella fastidiosa</i> and functional xylem anatomy in <i>Olea europaea</i> : revisiting a tale of plant-pathogen interaction. <i>AoB PLANTS</i> , 2021, 13, plab027.	2.3	14
17	Influence of propagation techniques on growth and yield of olive trees cultivars "Carolea"™ and "Nocellara Etnea"™. <i>Scientia Horticulturae</i> , 2006, 109, 173-182.	3.6	13
18	GROWTH AND YIELD IN IRRIGATED AND NON-IRRIGATED OLIVE TREES CULTIVAR CORATINA OVER FOUR YEARS AFTER PLANTING. <i>Acta Horticulturae</i> , 1997, , 75-82.	0.2	10

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19	MINERAL NUTRIENT UPTAKE FROM THE SOIL IN IRRIGATED OLIVE TREES, CULTIVAR CORATINA, OVER SIX YEARS AFTER PLANTING. <i>Acta Horticulturae</i> , 2002, , 453-456.	0.2	10
20	Anthocyanin composition and extractability in berry skin and wine of <i>Vitis vinifera</i> L. cv. Aglianico. <i>Journal of the Science of Food and Agriculture</i> , 2011, 91, 2749-2755.	3.5	10
21	POSTHARVEST REGULATED DEFICIT IRRIGATION OF PEACH TREE IN A MEDITERRANEAN ENVIRONMENT: EFFECTS ON VEGETATIVE GROWTH AND YIELD. <i>Acta Horticulturae</i> , 2004, , 169-174.	0.2	10
22	WATER USE EFFICIENCY OF PERGOLA-TRAINED KIWIFRUIT PLANTS. <i>Acta Horticulturae</i> , 1999, , 151-158.	0.2	8
23	THE INFLUENCE OF SOIL WATER CONTENT ON ROOT DENSITY IN YOUNG OLIVE TREES. <i>Acta Horticulturae</i> , 2000, , 329-336.	0.2	8
24	Variability of total soil respiration in a Mediterranean vineyard. <i>Soil Research</i> , 2015, 53, 531.	1.1	8
25	Towards In Vivo Monitoring of Ions Accumulation in Trees: Response of an in Planta Organic Electrochemical Transistor Based Sensor to Water Flux Density, Light and Vapor Pressure Deficit Variation. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4729.	2.5	8
26	PRELIMINARY AGRONOMIC EVALUATION OF TWO CULTIVARS OF OLIVE TREES OBTAINED FROM MICROPROPAGATION METHODS. <i>Acta Horticulturae</i> , 2002, , 867-870.	0.2	7
27	MORPHOLOGICAL AND ANATOMICAL MODIFICATIONS INDUCED BY IN VITRO PROPAGATION OF KIWIFRUIT PLANTS. <i>Acta Horticulturae</i> , 1997, , 127-132.	0.2	6
28	Electromagnetic induction: A support tool for the evaluation of soil CO ₂ emissions and soil organic carbon content in olive orchards under semi-arid conditions. <i>Geoderma</i> , 2016, 264, 188-194.	5.1	6
29	Carbon Fluxes in Sustainable Tree Crops: Field, Ecosystem and Global Dimension. <i>Sustainability</i> , 2021, 13, 8750.	3.2	6
30	CANOPY DEVELOPMENT AND LIGHT INTERCEPTION IN PEACH TREES TRAINED TO TRANSVERSE Y AND DELAYED VASE IN THE FIRST FOUR YEARS AFTER PLANTING. <i>Acta Horticulturae</i> , 2002, , 405-412.	0.2	6
31	CONTRIBUTION TO TRANSPIRATION OF DIFFERENT TISSUES OF KIWIFRUIT VINES FROM THEIR WATER RESERVES. <i>Acta Horticulturae</i> , 1997, , 329-334.	0.2	5
32	HYDRAULIC CONDUCTIVITY AND XYLEM STRUCTURE IN YOUNG KIWIFRUIT VINES. <i>Acta Horticulturae</i> , 1999, , 159-164.	0.2	5
33	Nutrients in clusters and leaves of Italian table grapes are affected by the use of cover crops in the vineyard. <i>Journal of Berry Research</i> , 2020, 10, 157-173.	1.4	4
34	GREEN MANURE PLANT BIOMASS EVALUATION AND TOTAL MINERAL NITROGEN IN THE SOIL OF A PEACH ORCHARD SYSTEM. <i>Acta Horticulturae</i> , 1998, , 579-586.	0.2	4
35	CHARACTERIZATION OF TRAINING SYSTEMS IN RELATION TO WATER USE EFFICIENCY IN APRICOT AND KIWIFRUIT PLANTS. <i>Acta Horticulturae</i> , 2000, , 207-213.	0.2	4
36	INFLUENCE OF DIFFERENT SEASONAL LIGHT AVAILABILITY ON FLOWER BUD QUALITY IN CV TIRYNTHOS (<i>PRUNUS ARMENIACA</i> L.). <i>Acta Horticulturae</i> , 1999, , 477-482.	0.2	3

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37	Black leaf-clips of a commercial fluorometer increased leaf temperature during dark adaptation under high solar radiation. <i>Photosynthetica</i> , 2012, 50, 467-471.	1.7	3
38	Preliminary high-throughput phenotyping analysis in grapevines under drought. <i>BIO Web of Conferences</i> , 2019, 13, 02003.	0.2	3
39	Effects of limited irrigation water volumes on near-isohydric 'Montepulciano' vines trained to overhead trellis system. <i>Acta Physiologiae Plantarum</i> , 2020, 42, 1.	2.1	3
40	LEAF AREA EVOLUTION, LIGHT INTERCEPTION, YIELD AND QUALITY OF FRUITS IN APRICOT TREES (CULTIVAR) Tj ETQq0 0 0 ggBT /Overlo	0.2	3
41	ABSORPTION OF ATMOSPHERIC CO2 IN PEACH TREES AND PARTITIONING IN THE DIFFERENT PLANT ORGANS. <i>Acta Horticulturae</i> , 2007, , 519-524.	0.2	3
42	EFFECT OF PROCESSED CALCITE PARTICLES ON APRICOT CATIONIC NUTRITION AND FRUIT QUALITY. <i>Acta Horticulturae</i> , 2010, , 317-322.	0.2	3
43	Preliminary investigations on bioactive molecules concentration in 'Aglianico' grape berries. <i>Acta Horticulturae</i> , 2017, , 299-306.	0.2	2
44	How soil microbial biodiversity is modified by soil chemical parameters in differently managed olive orchards. <i>Acta Horticulturae</i> , 2020, , 331-338.	0.2	2
45	The effects of calcite silicon-mediated particle film application on leaf temperature and grape composition of Merlot (<i>Vitis vinifera L.&/i>) vines under different irrigation conditions. <i>Oeno One</i> , 2020, 54, 1007-1020.	1.4	2
46	RESPONSES OF PEACH-ORCHARD SYSTEM TO GREEN MANURING AND MINERAL FERTILISATION. <i>Acta Horticulturae</i> , 1997, , 289-296.	0.2	1
47	VEGETATIVE AND REPRODUCTIVE GROWTH POTENTIAL OF 'MONTEPULCIANO' GRAPEVINES TRAINED TO THE TENDONE TRELLIS SYSTEM. <i>Acta Horticulturae</i> , 2005, , 209-216.	0.2	1
48	PRELIMINARY CLIMATIC ZONATION OF BASILICATA. <i>Acta Horticulturae</i> , 1990, , 849-858.	0.2	1
49	VEGETATIVE GROWTH, YIELD AND ROOT DEVELOPMENT IN KIWIFRUIT PLANTS OBTAINED BY DIFFERENT PROPAGATION TECHNIQUES. <i>Acta Horticulturae</i> , 1997, , 145-148.	0.2	0
50	GREEN MANURE AND WATER CONSUMPTION IN SOUTHERN ITALY ORCHARDS. <i>Acta Horticulturae</i> , 2000, , 911-915.	0.2	0
51	CROP LOAD EFFECTS ON LEAF AREA EVOLUTION AND LIGHT INTERCEPTION IN 'MONTEPULCIANO' GRAPEVINES (VITIS VINIFERA L.) TRAINED TO 'TENDONE' SYSTEM. <i>Acta Horticulturae</i> , 2004, , 133-139.	0.2	0
52	EFFECT OF SOIL WATER AVAILABILITY ON YIELD AND SOME QUALITY PARAMETERS OF EXTRA VIRGIN OIL (CV.) Tj ETQq0 0 0 ggBT /Overlo	0.2	0
53	ORCHARD MANAGEMENT. <i>Acta Horticulturae</i> , 1999, , 457-464.	0.2	0
54	Innovation in grapevine water status monitoring and drought adaptation: leaf angle and temperature regulation. <i>BIO Web of Conferences</i> , 2022, 44, 05002.	0.2	0