

Primo Proietti

List of Publications by Year in descending order

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79
papers

2,461
citations

168829

31
h-index

263392

45
g-index

82
all docs

82
docs citations

82
times ranked

2803
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Biogenic ZnO Nanoparticles on Growth, Physiological, Biochemical Traits and Antioxidants on Olive Tree In Vitro. Horticulturae, 2022, 8, 161.	1.2	21
2	Characterization of Differentially Expressed Genes under Salt Stress in Olive. International Journal of Molecular Sciences, 2022, 23, 154.	1.8	8
3	Effects of Selenium-Methionine against Heat Stress in Ca ²⁺ -Cytosolic and Germination of Olive Pollen Performance. Agriculture (Switzerland), 2022, 12, 826.	1.4	1
4	Effects of selenium supplementation on olive under salt stress conditions. Scientia Horticulturae, 2021, 278, 109866.	1.7	17
5	Phytodepuration of Nitrate Contaminated Water Using Four Different Tree Species. Plants, 2021, 10, 515.	1.6	4
6	Planting Systems for Modern Olive Growing: Strengths and Weaknesses. Agriculture (Switzerland), 2021, 11, 494.	1.4	33
7	The First Evidence of the Beneficial Effects of Se-Supplementation on In Vitro Cultivated Olive Tree Explants. Plants, 2021, 10, 1630.	1.6	7
8	Sustainability of olive growing in the Mediterranean area under future climate scenarios: Exploring the effects of intensification and deficit irrigation. European Journal of Agronomy, 2021, 129, 126319.	1.9	22
9	The Use of New Parameters to Optimize the Composting Process of Different Organic Wastes. Agronomy, 2021, 11, 2090.	1.3	13
10	Persistence of the Effects of Se-Fertilization in Olive Trees over Time, Monitored with the Cytosolic Ca ²⁺ and with the Germination of Pollen. Plants, 2021, 10, 2290.	1.6	4
11	Biostimulant Effects of an Aqueous Extract of Duckweed (Lemna minor L.) on Physiological and Biochemical Traits in the Olive Tree. Agriculture (Switzerland), 2021, 11, 1299.	1.4	11
12	Long-Term Effects of Amendment with Olive Mill Wastewater on Soil Chemical Properties, Microbial Community, and Olive Tree Vegetative and Productive Activities. Agronomy, 2021, 11, 2562.	1.3	6
13	Herbicide Uptake and Regrowth Ability of Tall Fescue and Orchardgrass in S-Metolachlor-Contaminated Leachates from Sand Pot Experiment. Agriculture (Switzerland), 2020, 10, 487.	1.4	6
14	Compost-recipe: A new calculation model and a novel software tool to make the composting mixture. Journal of Cleaner Production, 2020, 270, 122427.	4.6	12
15	Current Knowledge on Selenium Biofortification to Improve the Nutraceutical Profile of Food: A Comprehensive Review. Journal of Agricultural and Food Chemistry, 2020, 68, 4075-4097.	2.4	113
16	Is new olive farming sustainable? A spatial comparison of productive and environmental performances between traditional and new olive orchards with the model OliveCan. Agricultural Systems, 2020, 181, 102816.	3.2	40
17	Effect of Feed Supplemented with Selenium-Enriched Olive Leaves on Plasma Oxidative Status, Mineral Profile, and Leukocyte DNA Damage in Growing Rabbits. Animals, 2020, 10, 274.	1.0	10
18	Long-Term Water Footprint Assessment in a Rainfed Olive Tree Grove in the Umbria Region, Italy. Agriculture (Switzerland), 2020, 10, 8.	1.4	10

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19	Effects of Megafol on the Olive Cultivar "Arbequina"™ Grown Under Severe Saline Stress in Terms of Physiological Traits, Oxidative Stress, Antioxidant Defenses, and Cytosolic Ca ²⁺ . <i>Frontiers in Plant Science</i> , 2020, 11, 603576.	1.7	18
20	Behavior of Four Olive Cultivars During Salt Stress. <i>Frontiers in Plant Science</i> , 2019, 10, 867.	1.7	42
21	Physiological, epigenetic and genetic regulation in some olive cultivars under salt stress. <i>Scientific Reports</i> , 2019, 9, 1093.	1.6	64
22	The Influence of Light on Olive (<i>Olea europaea</i> L.) Fruit Development Is Cultivar Dependent. <i>Frontiers in Plant Science</i> , 2019, 10, 385.	1.7	20
23	Selenium-Enriched Pollen Grains of <i>Olea europaea</i> L.: Ca ²⁺ Signaling and Germination Under Oxidative Stress. <i>Frontiers in Plant Science</i> , 2019, 10, 1611.	1.7	10
24	Effects of Nitrogen Foliar Fertilization on the Vegetative and Productive Performance of the Olive Tree and on Oil Quality. <i>Agriculture (Switzerland)</i> , 2019, 9, 252.	1.4	10
25	Use of Selenium-enriched olive leaves in the feed of growing rabbits: Effect on oxidative status, mineral profile and Selenium speciation of <i>Longissimus dorsi</i> meat. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019, 51, 98-105.	1.5	23
26	Promoting Sustainable Food Consumption: An Agent-Based Model About Outcomes of Small Shop Openings. <i>Jasss</i> , 2019, 22, .	1.0	10
27	Generative Trees. , 2019, , 399-425.		0
28	Determination of changes in the concentration and distribution of elements within olive drupes (cv. Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 spectrometry. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 4971-4977.	1.7	12
29	The occurrence of phosphoenolpyruvate carboxykinase (PEPCK) in the pericarp of different grapevine genotypes and in grape leaves and developing seeds. <i>Journal of Horticultural Science and Biotechnology</i> , 2018, 93, 456-465.	0.9	9
30	The Selenium Supplementation Influences Olive Tree Production and Oil Stability Against Oxidation and Can Alleviate the Water Deficiency Effects. <i>Frontiers in Plant Science</i> , 2018, 9, 1191.	1.7	33
31	Use of olive leaves (whether or not fortified with sodium selenate) in rabbit feeding: Effect on performance, carcass and meat characteristics, and estimated indexes of fatty acid metabolism. <i>Meat Science</i> , 2018, 143, 230-236.	2.7	28
32	Organic carbon pools and storage in the soil of olive groves of different age. <i>European Journal of Soil Science</i> , 2018, 69, 843-855.	1.8	16
33	Selenium maintains Ca ²⁺ homeostasis in sheep lymphocytes challenged by oxidative stress. <i>PLoS ONE</i> , 2018, 13, e0201523.	1.1	17
34	Carbon balance and Life Cycle Assessment in an oak plantation for mined area reclamation. <i>Journal of Cleaner Production</i> , 2017, 144, 69-78.	4.6	24
35	Selenium speciation profiles in biofortified sangiovese wine. <i>Journal of Trace Elements in Medicine and Biology</i> , 2017, 43, 87-92.	1.5	33
36	Chelating properties of beer: Implications on calcium homeostasis in PE/CA-PJ15 cells. <i>Journal of Nutrition & Intermediary Metabolism</i> , 2017, 7, 1-7.	1.7	4

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37	Extra Virgin Olive oil as carbon negative product: Experimental analysis and validation of results. <i>Journal of Cleaner Production</i> , 2017, 166, 550-562.	4.6	36
38	Short-term modifications of soil microbial community structure and soluble organic matter chemical composition following amendment with different solid olive mill waste and their derived composts. <i>Applied Soil Ecology</i> , 2017, 119, 234-241.	2.1	27
39	Effects of olive pomace amendment on soil enzyme activities. <i>Applied Soil Ecology</i> , 2017, 119, 242-249.	2.1	35
40	Biomass and volume modeling in <i>Olea europaea</i> L. cv "Leccino". <i>Trees - Structure and Function</i> , 2017, 31, 1859-1874.	0.9	15
41	The First Molecular Identification of an Olive Collection Applying Standard Simple Sequence Repeats and Novel Expressed Sequence Tag Markers. <i>Frontiers in Plant Science</i> , 2017, 8, 1283.	1.7	60
42	Reuse of olive mill waste as soil amendment. , 2017, , 97-117.		19
43	Biofortification (Se): Does it increase the content of phenolic compounds in virgin olive oil (VOO)?. <i>PLoS ONE</i> , 2017, 12, e0176580.	1.1	32
44	Use of two grasses for the phytoremediation of aqueous solutions polluted with terbuthylazine. <i>International Journal of Phytoremediation</i> , 2016, 18, 885-891.	1.7	22
45	Architectural modelling of an olive tree. Generative tools for the scientific visualization of morphology and radiation relationships. <i>Ecological Informatics</i> , 2016, 36, 84-93.	2.3	8
46	Composting optimization: Integrating cost analysis with the physical-chemical properties of materials to be composted. <i>Journal of Cleaner Production</i> , 2016, 137, 1086-1099.	4.6	59
47	Assessment of carbon balance in intensive and extensive tree cultivation systems for oak, olive, poplar and walnut plantation. <i>Journal of Cleaner Production</i> , 2016, 112, 2613-2624.	4.6	33
48	Gas emissions during olive mill waste composting under static pile conditions. <i>International Biodeterioration and Biodegradation</i> , 2016, 107, 70-76.	1.9	54
49	Long Term Amendment with Fresh and Composted Solid Olive Mill Waste on Olive Grove Affects Carbon Sequestration by Prunings, Fruits, and Soil. <i>Frontiers in Plant Science</i> , 2016, 7, 2042.	1.7	41
50	Generative Trees. <i>Advances in Media, Entertainment and the Arts</i> , 2016, , 898-924.	0.0	0
51	Productive and vegetative behavior of olive cultivars in super high-density olive grove. <i>Scientia Agricola</i> , 2015, 72, 20-27.	0.6	35
52	Selenium as stressor and antioxidant affects pollen performance in <i>Olea europaea</i> . <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2015, 215, 16-22.	0.6	44
53	Effects of amendment with oil mill waste and its derived-compost on soil chemical and microbiological characteristics and olive (<i>Olea europaea</i> L.) productivity. <i>Agriculture, Ecosystems and Environment</i> , 2015, 207, 51-60.	2.5	49
54	Increase in the selenium content of extra virgin olive oil: quantitative and qualitative implications. <i>Grasas Y Aceites</i> , 2014, 65, e025.	0.3	28

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55	Olive tree cultivars. , 2014, , 59-67.		15
56	Olive handling, storage and transportation. , 2014, , 107-112.		1
57	Carbon footprint of an olive tree grove. Applied Energy, 2014, 127, 115-124.	5.1	66
58	Selenium protects olive (<i>Olea europaea</i> L.) from drought stress. Scientia Horticulturae, 2013, 164, 165-171.	1.7	148
59	Effect of solid olive-mill waste amendment on soil fertility and olive (<i>Olea europaea</i> L.) tree activity. Agriculture, Ecosystems and Environment, 2013, 164, 292-297.	2.5	70
60	Photosynthetic behavior of Spanish Arbequina and Italian Maurino olive (<i>Olea europaea</i> L.) cultivars under super-intensive grove conditions. Photosynthetica, 2012, 50, 239-246.	0.9	43
61	Co-composting of olive husks with high moisture contents: Organic matter dynamics and compost quality. International Biodeterioration and Biodegradation, 2012, 67, 8-14.	1.9	104
62	Utilization of Olive Husks as Plant Growing Substrates: Phytotoxicity and Plant Biochemical Responses. Compost Science and Utilization, 2011, 19, 52-60.	1.2	19
63	A Comparative Study on the Interference of Two Herbicides in Wheat and Italian Ryegrass and on Their Antioxidant Activities and Detoxification Rates. Journal of Agricultural and Food Chemistry, 2011, 59, 12109-12115.	2.4	62
64	Effects of tree shelters on young olive (<i>Olea europaea</i>) tree growth and physiology. New Zealand Journal of Crop and Horticultural Science, 2007, 35, 303-312.	0.7	12
65	Effects of application of thidiazuron (TDZ), gibberellic acid (GA ₃), and 2,4-dichlorophenoxyacetic acid (2,4-D) on fruit size and quality of <i>Actinidia deliciosa</i> 'Hayward'™. New Zealand Journal of Crop and Horticultural Science, 2007, 35, 341-347.	0.7	14
66	Effect of different leaf-to-fruit ratios on photosynthesis and fruit growth in olive (<i>Olea europaea</i> L.). Photosynthetica, 2006, 44, 275-285.	0.9	44
67	Phosphoenolpyruvate carboxykinase and its potential role in the catabolism of organic acids in the flesh of soft fruit during ripening. Journal of Experimental Botany, 2005, 56, 2959-2969.	2.4	92
68	Changes in Photosynthesis and Fruit Characteristics in Olive in Response to Assimilate Availability. Photosynthetica, 2003, 41, 559-564.	0.9	26
69	Diurnal and Seasonal Changes in Photosynthetic Characteristics in Different Olive (<i>Olea europaea</i> L.) Cultivars. Photosynthetica, 2002, 40, 171-176.	0.9	40
70	Effect of Fruiting on Leaf Gas Exchange in Olive (<i>Olea Europaea</i> L.). Photosynthetica, 2000, 38, 397-402.	0.9	38
71	An immunohistochemical study of the compartmentation of metabolism during the development of grape (<i>Vitis vinifera</i> L.) berries. Journal of Experimental Botany, 2000, 51, 675-683.	2.4	115
72	Influence of leaf position, fruit and light availability on photosynthesis of two chestnut genotypes. Scientia Horticulturae, 2000, 85, 63-73.	1.7	27

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73	Effects of leaf to fruit ratios on fruit growth in chestnut. <i>Scientia Horticulturae</i> , 2000, 85, 145-152.	1.7	26
74	Gas Exchange in Olive Fruit. <i>Photosynthetica</i> , 1999, 36, 423-432.	0.9	52
75	Quality of virgin olive oil as influenced by origin area.. <i>Grasas Y Aceites</i> , 1999, 50, 249-259.	0.3	54
76	Gas Exchange in Senescing Leaves of <i>Olea Europaea</i> L.. <i>Photosynthetica</i> , 1998, 35, 579-587.	0.9	19
77	Contribution of the adaxial and abaxial surfaces of olive leaves to photosynthesis. <i>Photosynthetica</i> , 1997, 33, 63-69.	0.9	19
78	Effects of gibberellic acid, asparagine and glutamine on flower bud induction in olive. <i>The Journal of Horticultural Science</i> , 1996, 71, 383-388.	0.3	15
79	Influence of growth regulators and light on <i>in vitro</i> shoot regeneration in M.26 apple roostock. <i>The Journal of Horticultural Science</i> , 1996, 71, 859-865.	0.3	13