

Gaetano Alessandro Vivaldi

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,022
citations

393982

19
h-index

433756

31
g-index

40
all docs

40
docs citations

40
times ranked

1110
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-terms effects of irrigation with treated municipal wastewater on soil, yield and olive oil quality. <i>Agricultural Water Management</i> , 2015, 160, 14-21.	2.4	100
2	Ripening indices and harvesting times of different olive cultivars for continuous harvest. <i>Scientia Horticulturae</i> , 2013, 151, 1-10.	1.7	92
3	Assessing the suitability of saline wastewaters for irrigation of <i>Citrus</i> spp.: Emphasis on boron and specific-ion interactions. <i>Agricultural Water Management</i> , 2015, 157, 48-58.	2.4	67
4	Environmental sustainability of different soil management techniques in a high-density olive orchard. <i>Journal of Cleaner Production</i> , 2015, 107, 498-508.	4.6	56
5	Sidebar: Olive cultivars field-tested in super-high-density system in southern Italy. <i>California Agriculture</i> , 2011, 65, 39-40.	0.5	51
6	Olive genotypes cultivated in an adult high-density orchard respond differently to canopy restraining by mechanical and manual pruning. <i>Scientia Horticulturae</i> , 2015, 192, 391-399.	1.7	49
7	Comparison of UAV Photogrammetry and 3D Modeling Techniques with Other Currently Used Methods for Estimation of the Tree Row Volume of a Super-High-Density Olive Orchard. <i>Agriculture (Switzerland)</i> , 2019, 9, 233.	1.4	45
8	Opportunities for expanding the use of wastewaters for irrigation of olives. <i>Agricultural Water Management</i> , 2020, 241, 106333.	2.4	42
9	Short-term effects of de-oiled olive pomace mulching application on a young super high-density olive orchard. <i>Scientia Horticulturae</i> , 2011, 129, 613-621.	1.7	39
10	Use of reclaimed wastewater on fruit quality of nectarine in Southern Italy. <i>Agricultural Water Management</i> , 2018, 203, 186-192.	2.4	39
11	Microbial impact of different types of municipal wastewaters used to irrigate nectarines in Southern Italy. <i>Agriculture, Ecosystems and Environment</i> , 2013, 181, 50-57.	2.5	38
12	Modelling environmental impacts of treated municipal wastewater reuse for tree crops irrigation in the Mediterranean coastal region. <i>Science of the Total Environment</i> , 2019, 660, 1513-1521.	3.9	36
13	GROWTH AND YIELDS OF 'ARBEQUINA' HIGH-DENSITY PLANTING SYSTEMS IN THREE DIFFERENT OLIVE GROWING AREAS IN ITALY. <i>Acta Horticulturae</i> , 2014, , 341-348.	0.1	34
14	Effect of increasing climatic water deficit on some leaf and stomatal parameters of wild and cultivated almonds under Mediterranean conditions. <i>Scientia Horticulturae</i> , 2011, 127, 234-241.	1.7	29
15	Agricultural reuse of municipal wastewater through an integral water reclamation management. <i>Journal of Environmental Management</i> , 2018, 213, 135-141.	3.8	29
16	Re.Ger.O.P.: An Integrated Project for the Recovery of Ancient and Rare Olive Germplasm. <i>Frontiers in Plant Science</i> , 2020, 11, 73.	1.7	29
17	Ripening Indices, Olive Yield and Oil Quality in Response to Irrigation With Saline Reclaimed Water and Deficit Strategies. <i>Frontiers in Plant Science</i> , 2019, 10, 1243.	1.7	28
18	Effects of the irrigation regimes on grapevine cv. Bobal in a Mediterranean climate: I. Water relations, vine performance and grape composition. <i>Agricultural Water Management</i> , 2021, 248, 106772.	2.4	25

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19	Recycled water causes no salinity or toxicity issues in Napa vineyards. <i>California Agriculture</i> , 2014, 68, 59-67.	0.5	21
20	Using saline reclaimed water on almond grown in Mediterranean conditions: deficit irrigation strategies and salinity effects. <i>Water Science and Technology: Water Supply</i> , 2019, 19, 1413-1421.	1.0	19
21	Rootstock Effects on Water Relations of Young Almond Trees (cv. Soleta) When Subjected to Water Stress and Rehydration. <i>Water (Switzerland)</i> , 2020, 12, 3319.	1.2	15
22	Intensification in Olive Growing Reduces Global Warming Potential under Both Integrated and Organic Farming. <i>Sustainability</i> , 2022, 14, 6389.	1.6	15
23	Two Almond Cultivars Trained in a Super-High Density Orchard Show Different Growth, Yield Efficiencies and Damages by Mechanical Harvesting. <i>Agronomy</i> , 2021, 11, 1406.	1.3	14
24	Plant and soil microbial community responses to different water management strategies in an almond crop. <i>Science of the Total Environment</i> , 2021, 778, 146148.	3.9	13
25	Lecciana, a New Low-Vigour Olive Cultivar Suitable for Super High Density Orchards and for Nutraceutical EVOO Production. <i>Agronomy</i> , 2021, 11, 2154.	1.3	13
26	Salinity Differentially Affects Growth and Ecophysiology of Two Mastic Tree (<i>Pistacia lentiscus</i> L.) Accessions. <i>Forests</i> , 2016, 7, 156.	0.9	12
27	Nutrient uptake and fruit quality in a nectarine orchard irrigated with treated municipal wastewaters. , 0, 71, 312-320.		10
28	Physiological responses of almond trees under regulated deficit irrigation using saline and desalinated reclaimed water. <i>Agricultural Water Management</i> , 2021, 258, 107172.	2.4	9
29	Yield, harvesting efficiency and oil chemical quality of cultivars "Arbequina"™ and "Arbosana"™ harvested by straddle machine in two Apulian growing areas. <i>Acta Horticulturae</i> , 2018, , 397-402.	0.1	8
30	Row Orientation and Canopy Position Affect Bud Differentiation, Leaf Area Index and Some Agronomical Traits of a Super High-Density Almond Orchard. <i>Agronomy</i> , 2021, 11, 251.	1.3	8
31	EFFECT OF IRRIGATION WITH DIFFERENT MUNICIPAL WASTEWATERS ON RIPENING INDEXES AND CHEMICAL COMPONENTS OF NECTARINE FRUITS. <i>Acta Horticulturae</i> , 2015, , 401-408.	0.1	7
32	Electromagnetic Induction Measurements for Investigating Soil Salinization Caused by Saline Reclaimed Water. <i>Atmosphere</i> , 2022, 13, 73.	1.0	7
33	Comparison of Two Methods for Total Inorganic Carbon Estimation in Three Soil Types in Mediterranean Area. <i>Land</i> , 2021, 10, 409.	1.2	6
34	Treated Unconventional Waters Combined with Different Irrigation Strategies Affect 1H NMR Metabolic Profile of a Monovarietal Extra Virgin Olive Oil. <i>Sustainability</i> , 2022, 14, 1592.	1.6	5
35	Appraising water and nutrient recovery for perennial crops irrigated with reclaimed water in Mediterranean areas through an index-based approach. <i>Science of the Total Environment</i> , 2022, 820, 152890.	3.9	5
36	Irrigation of Olives with Reclaimed Wastewaters and Deficit Strategies Affect Pathogenic Bacteria Contamination of Water and Soil. <i>Pathogens</i> , 2022, 11, 488.	1.2	3

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37	ECOPHYSIOLOGICAL RESPONSE TO WATER STRESS AND REGULATION OF GENE EXPRESSION FOR A 9-CIS-EPOXYCAROTENOID DIOXYGENASE IN VITIS VINIFERA L. 'ITALIA'. Acta Horticulturae, 2015, , 285-292.	0.1	2
38	Genetic diversity of early ripening breba accessions (<i>Ficus carica</i> L.) found in the "Pomona" Apulian collection. Acta Horticulturae, 2017, , 121-126.	0.1	1
39	Health risk assessment on a low-cost water desalination and sensor technology compact module "DESERT". Acta Horticulturae, 2021, , 477-484.	0.1	1
40	Saline reclaimed water affected leaf nutritional and chlorophyll traits in almond trees. Acta Horticulturae, 2022, , 15-24.	0.1	0