

Alfonso Moriana

List of Publications by Year in descending order

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84
papers

2,858
citations

159358

30
h-index

182168

51
g-index

85
all docs

85
docs citations

85
times ranked

1969
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of regulated deficit irrigation on commercial quality parameters, carotenoids, phenolics and sugars of the black cherry tomato (<i>Solanum lycopersicum</i> L.) $\frac{1}{2}$ Sunchocola $\frac{1}{4}$. <i>Journal of Food Composition and Analysis</i> , 2022, 105, 104220.	1.9	14
2	Yield response of a mature hedgerow oil olive orchard to different levels of water stress during pit hardening. <i>Agricultural Water Management</i> , 2022, 261, 107374.	2.4	13
3	Phenology, Morphology and Physiology Responses of Deficit Irrigated "Koroneiki"™ Olive Trees as Affected by Environmental Conditions and Alternate Bearing. <i>Agronomy</i> , 2022, 12, 879.	1.3	4
4	The Sustainability of Irrigation Strategies in Traditional Olive Orchards. <i>Agronomy</i> , 2022, 12, 64.	1.3	5
5	Evaluation of a simplified methodology to estimate the CWSI in olive orchards. <i>Agricultural Water Management</i> , 2022, 269, 107729.	2.4	3
6	Trunk growth rate frequencies as water stress indicator in almond trees. <i>Agricultural Water Management</i> , 2022, 271, 107765.	2.4	1
7	How does water stress affect the low molecular weight phenolics of hydroSOStainable almonds?. <i>Food Chemistry</i> , 2021, 339, 127756.	4.2	5
8	Correlation between water stress and phenolic compounds of hydroSOStainable almonds. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 3065-3070.	1.7	2
9	Identification of water stress conditions in olive trees through frequencies of trunk growth rate. <i>Agricultural Water Management</i> , 2021, 247, 106735.	2.4	3
10	Scheduling Regulated Deficit Irrigation with Leaf Water Potential of Cherry Tomato in Greenhouse and its Effect on Fruit Quality. <i>Agriculture (Switzerland)</i> , 2021, 11, 669.	1.4	15
11	How does water stress and roasting temperature affect the physicochemical parameters of almonds?. <i>LWT - Food Science and Technology</i> , 2021, 150, 112073.	2.5	4
12	Effects of deficit irrigation on "Koroneiki"™ olive tree growth, physiology and olive oil quality at different harvest dates. <i>Agricultural Water Management</i> , 2021, 258, 107200.	2.4	14
13	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.	1.7	14
14	Long-Term Correlation between Water Deficit and Quality Markers in HydroSOStainable Almonds. <i>Agronomy</i> , 2020, 10, 1470.	1.3	19
15	Stem water potential-based regulated deficit irrigation scheduling for olive table trees. <i>Agricultural Water Management</i> , 2020, 242, 106418.	2.4	16
16	Optimization of roasting conditions in hydroSOStainable almonds using volatile and descriptive sensory profiles and consumer acceptance. <i>Journal of Food Science</i> , 2020, 85, 3969-3980.	1.5	9
17	Absence of Yield Reduction after Controlled Water Stress during Preharvest Period in Table Olive Trees. <i>Agronomy</i> , 2020, 10, 258.	1.3	9
18	Effect of preharvest fruit bagging on fruit quality characteristics and incidence of fruit physiopathies in fully irrigated and water stressed pomegranate trees. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 1425-1433.	1.7	12

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19	Evaluation of growers's efforts to improve the sustainability of olive orchards: Development of the hydroSOSustainable index. <i>Scientia Horticulturae</i> , 2019, 257, 108661.	1.7	11
20	Nutrition Quality Parameters of Almonds as Affected by Deficit Irrigation Strategies. <i>Molecules</i> , 2019, 24, 2646.	1.7	26
21	Bruising response in "Manzanilla de Sevilla" olives to RDI strategies based on water potential. <i>Agricultural Water Management</i> , 2019, 222, 265-273.	2.4	2
22	Approach using trunk growth rate data to identify water stress conditions in olive trees. <i>Agricultural Water Management</i> , 2019, 222, 12-20.	2.4	9
23	Quality Attributes and Fatty Acid, Volatile and Sensory Profiles of "Arbequina" hydroSOSustainable Olive Oil. <i>Molecules</i> , 2019, 24, 2148.	1.7	26
24	Leaf water relations in <i>Diospyros kaki</i> during a mild water deficit exposure. <i>Agricultural Water Management</i> , 2019, 217, 391-398.	2.4	3
25	Pattern of trunk diameter fluctuations of almond trees in deficit irrigation scheduling during the first seasons. <i>Agricultural Water Management</i> , 2019, 218, 115-123.	2.4	14
26	Yield response to regulated deficit irrigation of greenhouse cherry tomatoes. <i>Agricultural Water Management</i> , 2019, 213, 212-221.	2.4	46
27	Study of commercial quality parameters, sugars, phenolics, carotenoids and plastids in different tomato varieties. <i>Food Chemistry</i> , 2019, 277, 480-489.	4.2	53
28	Effect of Spanish-style processing on the quality attributes of "HydroSOSustainable" green olives. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 1804-1811.	1.7	17
29	Influence of rootstock on pistachio (<i>Pistacia vera</i> L. cv Kerman) water relations. <i>Agricultural Water Management</i> , 2018, 202, 263-270.	2.4	12
30	Deficit irrigation and emerging fruit crops as a strategy to save water in Mediterranean semiarid agrosystems. <i>Agricultural Water Management</i> , 2018, 202, 311-324.	2.4	116
31	Antioxidants (carotenoids and phenolics) profile of cherry tomatoes as influenced by deficit irrigation, ripening and cluster. <i>Food Chemistry</i> , 2018, 240, 870-884.	4.2	51
32	Sustainable Deficit-Irrigation Management in Almonds (<i>Prunus dulcis</i> L.). , 2018, , 271-298.		3
33	Irrigation of Pistachios. , 2018, , 247-269.		3
34	Effect of several deficit irrigation schedules on fruit set and fruit growth of olive trees in the north coast region of Egypt. <i>Acta Horticulturae</i> , 2018, , 363-368.	0.1	0
35	Agronomical Effects of Deficit Irrigation in Apricot, Peach, and Plum Trees. , 2018, , 87-109.		3
36	Fruit Response to Water-Scarcity Scenarios. <i>Water Relations and Biochemical Changes</i> . , 2018, , 349-375.		5

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37	Antioxidant capacity, fatty acids profile, and descriptive sensory analysis of table olives as affected by deficit irrigation. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 444-451.	1.7	39
38	Effect of regulated deficit irrigation on quality parameters, carotenoids and phenolics of diverse tomato varieties (<i>Solanum lycopersicum</i> L.). <i>Food Research International</i> , 2017, 96, 72-83.	2.9	46
39	Water stress at the end of the pomegranate fruit ripening stage produces earlier harvest and improves fruit quality. <i>Scientia Horticulturae</i> , 2017, 226, 68-74.	1.7	34
40	Approach for using trunk growth rate (TGR) in the irrigation scheduling of table olive orchards. <i>Agricultural Water Management</i> , 2017, 192, 12-20.	2.4	8
41	Effect of the fruit position on the cluster on fruit quality, carotenoids, phenolics and sugars in cherry tomatoes (<i>Solanum lycopersicum</i> L.). <i>Food Research International</i> , 2017, 100, 804-813.	2.9	35
42	Comparison of the water potential baseline in different locations. Usefulness for irrigation scheduling of olive orchards. <i>Agricultural Water Management</i> , 2016, 177, 308-316.	2.4	26
43	Limitations and usefulness of maximum daily shrinkage (MDS) and trunk growth rate (TGR) indicators in the irrigation scheduling of table olive trees. <i>Agricultural Water Management</i> , 2016, 164, 38-45.	2.4	14
44	Jujube fruit water relations at fruit maturation in response to water deficits. <i>Agricultural Water Management</i> , 2016, 164, 110-117.	2.4	16
45	Quality attributes of table olives as affected by regulated deficit irrigation. <i>LWT - Food Science and Technology</i> , 2015, 62, 19-26.	2.5	60
46	The phytoprostane content in green table olives is influenced by Spanish-style processing and regulated deficit irrigation. <i>LWT - Food Science and Technology</i> , 2015, 64, 997-1003.	2.5	34
47	Feasibility of trunk diameter fluctuations in the scheduling of regulated deficit irrigation for table olive trees without reference trees. <i>Agricultural Water Management</i> , 2015, 161, 114-126.	2.4	27
48	Changes in the physiological response between leaves and fruits during a moderate water stress in table olive trees. <i>Agricultural Water Management</i> , 2015, 148, 280-286.	2.4	36
49	Rainfall intensifies fruit peel cracking in water stressed pomegranate trees. <i>Agricultural and Forest Meteorology</i> , 2014, 194, 29-35.	1.9	60
50	Using band dendrometers in irrigation scheduling. <i>Agricultural Water Management</i> , 2014, 142, 29-37.	2.4	11
51	PHENOLOGICAL BEHAVIOR OF TWO NEW MALE CULTIVARS OF PISTACHIO (<i>PISTACIA VERA</i> L.): 'CHAPARRILLO' AND 'GUERRERO'. <i>Acta Horticulturae</i> , 2014, , 297-303.	0.1	1
52	INFLUENCE OF TEMPERATURE ON THE PRODUCTION QUALITY PARAMETERS IN PISTACHIO (<i>PISTACIA VERA</i> L.). <i>Acta Horticulturae</i> , 2014, , 249-254.	0.1	0
53	Assessment of discretely measured indicators and maximum daily trunk shrinkage for detecting water stress in pomegranate trees. <i>Agricultural and Forest Meteorology</i> , 2013, 180, 58-65.	1.9	26
54	Fruit pit hardening: physical measurement during olive fruit growth. <i>Annals of Applied Biology</i> , 2013, 163, 200-208.	1.3	40

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55	Extrapolating base-line trunk shrinkage reference equations across olive orchards. <i>Agricultural Water Management</i> , 2013, 126, 1-8.	2.4	11
56	Regulated deficit irrigation based on threshold values of trunk diameter fluctuation indicators in table olive trees. <i>Scientia Horticulturae</i> , 2013, 164, 102-111.	1.7	30
57	Influence of different cultivars' locations on maximum daily shrinkage indicators: Limits to the reference baseline approach. <i>Agricultural Water Management</i> , 2013, 127, 31-39.	2.4	7
58	Midday stem water potential as a useful tool for estimating irrigation requirements in olive trees. <i>Agricultural Water Management</i> , 2012, 112, 43-54.	2.4	111
59	Low water stress conditions in table olive trees (<i>Olea europaea</i> L.) during pit hardening produced a different response of fruit and leaf water relations. <i>Agricultural Water Management</i> , 2012, 114, 11-17.	2.4	37
60	Seasonal changes of maximum daily shrinkage reference equations for irrigation scheduling in olive trees: Influence of fruit load. <i>Agricultural Water Management</i> , 2011, 99, 121-127.	2.4	17
61	Water relations of pistachio (<i>Pistacia vera</i> L.) as affected by phenological stages and water regimes. <i>Scientia Horticulturae</i> , 2011, 128, 415-422.	1.7	32
62	Using trunk diameter sensors for regulated deficit irrigation scheduling in early maturing peach trees. <i>Environmental and Experimental Botany</i> , 2011, 71, 409-409.	2.0	37
63	Combining sap flow and trunk diameter measurements to assess water needs in mature olive orchards. <i>Environmental and Experimental Botany</i> , 2011, 72, 330-338.	2.0	48
64	Rootstock influences the response of pistachio (<i>Pistacia vera</i> L. cv. Kerman) to water stress and rehydration. <i>Scientia Horticulturae</i> , 2010, 125, 666-671.	1.7	40
65	Could trunk diameter sensors be used in woody crops for irrigation scheduling? A review of current knowledge and future perspectives. <i>Agricultural Water Management</i> , 2010, 97, 1-11.	2.4	156
66	New approach for olive trees irrigation scheduling using trunk diameter sensors. <i>Agricultural Water Management</i> , 2010, 97, 1822-1828.	2.4	43
67	Water relation response to soil chilling of six olive (<i>Olea europaea</i> L.) cultivars with different frost resistance. <i>Spanish Journal of Agricultural Research</i> , 2010, 8, 780.	0.3	7
68	Deficit irrigation without reducing yield or nut splitting in pistachio (<i>Pistacia vera</i> cv Kerman on) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22	2.4	22
69	Influence of irrigation rate on the rehydration of olive tree plantlets. <i>Agricultural Water Management</i> , 2008, 95, 1161-1166.	2.4	17
70	New approach for using trunk growth rate and endocarp development in the irrigation scheduling of young olive orchards. <i>Scientia Horticulturae</i> , 2008, 115, 244-251.	1.7	22
71	IRRIGATION SCHEDULING OF YOUNG OLIVE TREES 'MORISCA' USING PLANT BASED MEASUREMENTS. <i>Acta Horticulturae</i> , 2008, , 441-447.	0.1	0
72	Influence of temperature on the growth and development of olive (<i>Olea europaea</i> L.) trees. <i>Journal of Horticultural Science and Biotechnology</i> , 2008, 83, 171-176.	0.9	43

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73	SEASONAL EVOLUTION OF TRUNK DIAMETER FLUCTUATIONS IN FULL IRRIGATED OLIVE TREES. Acta Horticulturae, 2008, , 375-379.	0.1	0
74	Irrigation scheduling for traditional, low-density olive orchards: Water relations and influence on oil characteristics. Agricultural Water Management, 2007, 87, 171-179.	2.4	65
75	The effect of irrigation schedules on the water relations and growth of a young olive (<i>Olea europaea</i>) Tj ETQq1 1 0.784314 rgBT /Over	2.4	38
76	Influence of different irrigation strategies in a traditional Cornicabra cv. olive orchard on virgin olive oil composition and quality. Food Chemistry, 2007, 100, 568-578.	4.2	184
77	Regulated deficit irrigation and the recovery of water relations in pistachio trees. Tree Physiology, 2006, 26, 87-92.	1.4	10
78	PRODUCTION IMPROVEMENTS IN PISTACHIO TREES UNDER DIFFERENT IRRIGATION REGIMES. Acta Horticulturae, 2006, , 513-518.	0.1	0
79	ESTABLISHING REFERENCE VALUES OF TRUNK DIAMETER FLUCTUATIONS AND STEM WATER POTENTIAL FOR IRRIGATION SCHEDULING OF OLIVE TREES. Acta Horticulturae, 2004, , 407-412.	0.1	34
80	Yield Responses of a Mature Olive Orchard to Water Deficits. Journal of the American Society for Horticultural Science, 2003, 128, 425-431.	0.5	343
81	EFFECTS OF REGULATED DEFICIT IRRIGATION AND PARTIAL ROOT ZONE DRYING ON LATE HARVEST PEACH TREE PERFORMANCE. Acta Horticulturae, 2002, , 343-350.	0.1	55
82	Plant indicators for scheduling irrigation of young olive trees. Irrigation Science, 2002, 21, 83-90.	1.3	135
83	Stomatal and photosynthetic responses of olive (<i>Olea europaea</i> L.) leaves to water deficits. Plant, Cell and Environment, 2002, 25, 395-405.	2.8	211
84	THE RELATIONS BETWEEN TRUNK DIAMETER FLUCTUATIONS AND TREE WATER STATUS IN OLIVE TREES (<i>Olea</i>) Tj ETQq0 0 0 rgBT /Over	0.1	27