

Mireia Corell

List of Publications by Year in descending order

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64
papers

1,220
citations

393982

19
h-index

414034

32
g-index

65
all docs

65
docs citations

65
times ranked

1031
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	Evaluation of a simplified methodology to estimate the CWSI in olive orchards. <i>Agricultural Water Management</i> , 2022, 269, 107729.	2.4	3
4	Trunk growth rate frequencies as water stress indicator in almond trees. <i>Agricultural Water Management</i> , 2022, 271, 107765.	2.4	1
5	How does water stress affect the low molecular weight phenolics of hydroSOSustainable almonds?. <i>Food Chemistry</i> , 2021, 339, 127756.	4.2	5
6	Chemical and sensorial characterization of spray dried <i>hydroSOSustainable</i> almond milk. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 1372-1381.	1.7	13
7	Reassessing the Role of Potassium in Tomato Grown with Water Shortages. <i>Horticulturae</i> , 2021, 7, 20.	1.2	13
8	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
9	Wild solitary bees and their use of bee hotels in southwest Spain. <i>Journal of Apicultural Research</i> , 2021, 60, 862-870.	0.7	3
10	Effect of Aging Vessel (Clay-Tinaja versus Oak Barrel) on the Volatile Composition, Descriptive Sensory Profile, and Consumer Acceptance of Red Wine. <i>Beverages</i> , 2021, 7, 35.	1.3	5
11	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
12	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
13	Screening for Innovative Sources of Carotenoids and Phenolic Antioxidants among Flowers. <i>Foods</i> , 2021, 10, 2625.	1.9	8
14	“HydroSOSustainable” Concept: How Does Information Influence Consumer Expectations towards Roasted Almonds?. <i>Agronomy</i> , 2021, 11, 2254.	1.3	3
15	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
16	Long-Term Correlation between Water Deficit and Quality Markers in HydroSOSustainable Almonds. <i>Agronomy</i> , 2020, 10, 1470.	1.3	19
17	Stem water potential-based regulated deficit irrigation scheduling for olive table trees. <i>Agricultural Water Management</i> , 2020, 242, 106418.	2.4	16
18	Phytosteranes and Phytosterols “Oxidative Stress and Bioactive Compounds” in Almonds are Affected by Deficit Irrigation in Almond Trees. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 7214-7225.	2.4	20

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19	Absence of Yield Reduction after Controlled Water Stress during Preharvest Period in Table Olive Trees. <i>Agronomy</i> , 2020, 10, 258.	1.3	9
20	Criteria for HydroSOS Quality Index. Application to Extra Virgin Olive Oil and Processed Table Olives. <i>Water (Switzerland)</i> , 2020, 12, 555.	1.2	6
21	Evaluation of growers' efforts to improve the sustainability of olive orchards: Development of the hydroSOSustainable index. <i>Scientia Horticulturae</i> , 2019, 257, 108661.	1.7	11
22	Nutrition Quality Parameters of Almonds as Affected by Deficit Irrigation Strategies. <i>Molecules</i> , 2019, 24, 2646.	1.7	26
23	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
24	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
25	Quality Attributes and Fatty Acid, Volatile and Sensory Profiles of 'Arbequina' hydroSOSustainable Olive Oil. <i>Molecules</i> , 2019, 24, 2148.	1.7	26
26	Leaf mechanisms involved in the response of <i>Cydonia oblonga</i> trees to water stress and recovery. <i>Agricultural Water Management</i> , 2019, 221, 66-72.	2.4	3
27	Sensory Profile and Acceptability of HydroSOSustainable Almonds. <i>Foods</i> , 2019, 8, 64.	1.9	27
28	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
29	Reducing incidence of peel physiopathies and increasing antioxidant activity in pomegranate fruit under different irrigation conditions by preharvest application of chitosan. <i>Scientia Horticulturae</i> , 2019, 247, 247-253.	1.7	4
30	Yield response to regulated deficit irrigation of greenhouse cherry tomatoes. <i>Agricultural Water Management</i> , 2019, 213, 212-221.	2.4	46
31	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
32	Volatile composition and sensory and quality attributes of quince (<i>Cydonia oblonga</i> Mill.) fruits as affected by water stress. <i>Scientia Horticulturae</i> , 2019, 244, 68-74.	1.7	21
33	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
34	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
35	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
36	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

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37	Irrigation of Pistachios. , 2018, , 247-269.		3
38	Agronomical Effects of Deficit Irrigation in Apricot, Peach, and Plum Trees. , 2018, , 87-109.		3
39	Fruit Response to Water-Scarcity Scenarios. Water Relations and Biochemical Changes. , 2018, , 349-375.		5
40	Antioxidant capacity, fatty acids profile, and descriptive sensory analysis of table olives as affected by deficit irrigation. Journal of the Science of Food and Agriculture, 2017, 97, 444-451.	1.7	39
41	Bruising susceptibility of Manzanilla de Sevilla table olive cultivar under Regulated Deficit Irrigation. Agricultural Water Management, 2017, 189, 1-4.	2.4	6
42	Effect of regulated deficit irrigation on quality parameters, carotenoids and phenolics of diverse tomato varieties (Solanum lycopersicum L.). Food Research International, 2017, 96, 72-83.	2.9	46
43	Water stress at the end of the pomegranate fruit ripening stage produces earlier harvest and improves fruit quality. Scientia Horticulturae, 2017, 226, 68-74.	1.7	34
44	Approach for using trunk growth rate (TGR) in the irrigation scheduling of table olive orchards. Agricultural Water Management, 2017, 192, 12-20.	2.4	8
45	Effect of the fruit position on the cluster on fruit quality, carotenoids, phenolics and sugars in cherry tomatoes (Solanum lycopersicum L.). Food Research International, 2017, 100, 804-813.	2.9	35
46	Comparison of the water potential baseline in different locations. Usefulness for irrigation scheduling of olive orchards. Agricultural Water Management, 2016, 177, 308-316.	2.4	26
47	Limitations and usefulness of maximum daily shrinkage (MDS) and trunk growth rate (TGR) indicators in the irrigation scheduling of table olive trees. Agricultural Water Management, 2016, 164, 38-45.	2.4	14
48	Jujube fruit water relations at fruit maturation in response to water deficits. Agricultural Water Management, 2016, 164, 110-117.	2.4	16
49	Quality attributes of table olives as affected by regulated deficit irrigation. LWT - Food Science and Technology, 2015, 62, 19-26.	2.5	60
50	The phytoprostane content in green table olives is influenced by Spanish-style processing and regulated deficit irrigation. LWT - Food Science and Technology, 2015, 64, 997-1003.	2.5	34
51	Feasibility of trunk diameter fluctuations in the scheduling of regulated deficit irrigation for table olive trees without reference trees. Agricultural Water Management, 2015, 161, 114-126.	2.4	27
52	Changes in the physiological response between leaves and fruits during a moderate water stress in table olive trees. Agricultural Water Management, 2015, 148, 280-286.	2.4	36
53	Rainfall intensifies fruit peel cracking in water stressed pomegranate trees. Agricultural and Forest Meteorology, 2014, 194, 29-35.	1.9	60
54	Using band dendrometers in irrigation scheduling. Agricultural Water Management, 2014, 142, 29-37.	2.4	11

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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	Absolute Configuration of Falcarinol (9Z-heptadeca-1,9-diene-4,6-diyn-3-ol) from <i>Pastinaca Sativa</i> . <i>Natural Product Communications</i> , 2013, 8, 1934578X1300800.	0.2	2
58	Absolute configuration of falcarinol (9Z-heptadeca-1,9-diene-4,6-diyn-3-ol) from <i>Pastinaca sativa</i> . <i>Natural Product Communications</i> , 2013, 8, 1123-6.	0.2	2
59	Effect of Water Stress on <i>Salvia officinalis</i> L. Bioproductivity and Its Bioelement Concentrations. <i>Communications in Soil Science and Plant Analysis</i> , 2012, 43, 419-425.	0.6	20
60	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
61	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
62	EFFECT OF THE DEFICIT WATERING IN THE PRODUCTION AND QUALITY OF THE ESSENTIAL OIL, IN THE CULTIVATION OF <i>SALVIA OFFICINALIS</i> L.. <i>Acta Horticulturae</i> , 2009, , 281-288.	0.1	8
63	PREGERMINATION AND GERMINATION IN ASPARAGUS. <i>Acta Horticulturae</i> , 2002, , 341-345.	0.1	0
64	Weitere Mitteilungen über das Yohimbin. V. Versuche zu Hofmannschem Abbau. Zur Kenntnis der Methyl-yohimboasäure. <i>Berichte Der Deutschen Chemischen Gesellschaft Zu Berlin</i> , 1916, 49, 1086-1090.	0.3	4