

# MarÃ-a J MartÃ-n-Palomo

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

845  
citations

567281

15  
h-index

477307

29  
g-index

42  
all docs

42  
docs citations

42  
times ranked

714  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	5.6	116
2	Shoot hydraulic characteristics, plant water status and stomatal response in olive trees under different soil water conditions. <i>Plant and Soil</i> , 2013, 373, 77-87.	3.7	69
3	Online-monitoring of tree water stress in a hedgerow olive orchard using the leaf patch clamp pressure probe. <i>Agricultural Water Management</i> , 2011, 100, 25-35.	5.6	64
4	Steps toward an improvement in process-based models of water use by fruit trees: A case study in olive. <i>Agricultural Water Management</i> , 2012, 114, 37-49.	5.6	62
5	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.	4.2	48
6	Yield response to regulated deficit irrigation of greenhouse cherry tomatoes. <i>Agricultural Water Management</i> , 2019, 213, 212-221.	5.6	46
7	Almond fruit quality can be improved by means of deficit irrigation strategies. <i>Agricultural Water Management</i> , 2019, 217, 236-242.	5.6	44
8	New approach for olive trees irrigation scheduling using trunk diameter sensors. <i>Agricultural Water Management</i> , 2010, 97, 1822-1828.	5.6	43
9	Maximum daily trunk shrinkage reference values for irrigation scheduling in olive trees. <i>Agricultural Water Management</i> , 2006, 84, 290-294.	5.6	39
10	Concomitant measurements of stem sap flow and leaf turgor pressure in olive trees using the leaf patch clamp pressure probe. <i>Agricultural Water Management</i> , 2012, 114, 50-58.	5.6	37
11	Assessing water stress in a hedgerow olive orchard from sap flow and trunk diameter measurements. <i>Irrigation Science</i> , 2013, 31, 729-746.	2.8	35
12	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.	5.6	27
13	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.	5.6	26
14	Effect of regulated deficit irrigation on the quality of raw and table olives. <i>Agricultural Water Management</i> , 2019, 221, 415-421.	5.6	16
15	Stem water potential-based regulated deficit irrigation scheduling for olive table trees. <i>Agricultural Water Management</i> , 2020, 242, 106418.	5.6	16
16	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.	3.1	15
17	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.	5.6	14
18	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.	5.6	14

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19	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.	3.6	14
20	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.	5.6	13
21	Influence of rootstock on pistachio ( <i>Pistacia vera</i> L. cv Kerman) water relations. <i>Agricultural Water Management</i> , 2018, 202, 263-270.	5.6	12
22	Evaluation of growers's efforts to improve the sustainability of olive orchards: Development of the hydroSOSustainable index. <i>Scientia Horticulturae</i> , 2019, 257, 108661.	3.6	11
23	Approach using trunk growth rate data to identify water stress conditions in olive trees. <i>Agricultural Water Management</i> , 2019, 222, 12-20.	5.6	9
24	Absence of Yield Reduction after Controlled Water Stress during Preharvest Period in Table Olive Trees. <i>Agronomy</i> , 2020, 10, 258.	3.0	9
25	Approach for using trunk growth rate (TGR) in the irrigation scheduling of table olive orchards. <i>Agricultural Water Management</i> , 2017, 192, 12-20.	5.6	8
26	Bruising susceptibility of Manzanilla de Sevilla table olive cultivar under Regulated Deficit Irrigation. <i>Agricultural Water Management</i> , 2017, 189, 1-4.	5.6	6
27	Criteria for HydroSOS Quality Index. Application to Extra Virgin Olive Oil and Processed Table Olives. <i>Water (Switzerland)</i> , 2020, 12, 555.	2.7	6
28	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.	3.6	4
29	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.	5.6	3
30	Leaf water relations in <i>Diospyros kaki</i> during a mild water deficit exposure. <i>Agricultural Water Management</i> , 2019, 217, 391-398.	5.6	3
31	Identification of water stress conditions in olive trees through frequencies of trunk growth rate. <i>Agricultural Water Management</i> , 2021, 247, 106735.	5.6	3
32	Evaluation of a simplified methodology to estimate the CWSI in olive orchards. <i>Agricultural Water Management</i> , 2022, 269, 107729.	5.6	3
33	DETERMINING EVAPOTRANSPIRATION IN AN OLIVE ORCHARD IN SOUTHWEST SPAIN. <i>Acta Horticulturae</i> , 2012, , 251-258.	0.2	2
34	Bruising response in 'Manzanilla de Sevilla' olives to RDI strategies based on water potential. <i>Agricultural Water Management</i> , 2019, 222, 265-273.	5.6	2
35	STOMATAL CONTROL AND HYDRAULIC CONDUCTIVITY IN 'MANZANILLA' OLIVE TREES UNDER DIFFERENT WATER REGIMES. <i>Acta Horticulturae</i> , 2011, , 149-155.	0.2	1
36	AN INDEX FROM SAP FLOW RECORDS TO SCHEDULE IRRIGATION IN SUPER-HIGH DENSITY OLIVE ORCHARDS. <i>Acta Horticulturae</i> , 2013, , 393-399.	0.2	1

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37	SEASONAL CHANGES OF HYDRAULIC CONDUCTANCE OF MATURE OLIVE TREES UNDER DIFFERENT WATER REGIMES. <i>Acta Horticulturae</i> , 2009, , 263-270.	0.2	1
38	INFLUENCE OF THE SOIL WATER CONTENT AND DISTRIBUTION ON BOTH THE HYDRAULIC AND TRANSPIRATION PERFORMANCE OF 'MANZANILLA' OLIVE TREES. <i>Acta Horticulturae</i> , 2011, , 323-330.	0.2	1
39	Trunk growth rate frequencies as water stress indicator in almond trees. <i>Agricultural Water Management</i> , 2022, 271, 107765.	5.6	1
40	Estado actual de la programación del riego en limonero mediante medidas del estado hídrico. <i>Ingeniería Del Agua</i> , 2007, 14, 215.	0.4	0
41	SAP FLOW RESPONSE TO OLIVE WATER STRESS: A COMPARATIVE STUDY WITH TRUNK DIAMETER VARIATIONS AND LEAF TURGOR PRESSURE. <i>Acta Horticulturae</i> , 2012, , 101-110.	0.2	0