

# JosÃ© F Maestre-Valero

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

1,164  
citations

331259

21  
h-index

395343

33  
g-index

45  
all docs

45  
docs citations

45  
times ranked

1241  
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term physiological and agronomic responses of mandarin trees to irrigation with saline reclaimed water. <i>Agricultural Water Management</i> , 2016, 166, 1-8.	2.4	74
2	Life cycle assessment of fruit and vegetable production in the Region of Murcia (south-east Spain) and evaluation of impact mitigation practices. <i>Journal of Cleaner Production</i> , 2020, 265, 121656.	4.6	67
3	Comparative analysis of two polyethylene foil materials for dew harvesting in a semi-arid climate. <i>Journal of Hydrology</i> , 2011, 410, 84-91.	2.3	63
4	The Economic Impact of Water Evaporation Losses from Water Reservoirs in the Segura Basin, SE Spain. <i>Water Resources Management</i> , 2011, 25, 3153-3175.	1.9	55
5	Hydroponic system and desalinated seawater as an alternative farm-productive proposal in water scarcity areas: Energy and greenhouse gas emissions analysis of lettuce production in southeast Spain. <i>Journal of Cleaner Production</i> , 2018, 172, 1298-1310.	4.6	53
6	The use of desalinated seawater for crop irrigation in the Segura River Basin (south-eastern Spain). <i>Desalination</i> , 2017, 422, 153-164.	4.0	52
7	Physiological and agronomic mandarin trees performance under saline reclaimed water combined with regulated deficit irrigation. <i>Agricultural Water Management</i> , 2014, 146, 228-237.	2.4	51
8	New technologies and practical approaches to improve irrigation management of open field vegetable crops. <i>Agricultural Water Management</i> , 2020, 242, 106404.	2.4	49
9	Characterization of the Agricultural Supply of Desalinated Seawater in Southeastern Spain. <i>Water (Switzerland)</i> , 2019, 11, 1233.	1.2	46
10	Arbuscular mycorrhizal symbiosis alleviates detrimental effects of saline reclaimed water in lettuce plants. <i>Mycorrhiza</i> , 2014, 24, 339-348.	1.3	43
11	Response of young 'Star Ruby'™ grapefruit trees to regulated deficit irrigation with saline reclaimed water. <i>Agricultural Water Management</i> , 2015, 158, 51-60.	2.4	40
12	Socio-Economic Impact of Evaporation Losses from Reservoirs Under Past, Current and Future Water Availability Scenarios in the Semi-Arid Segura Basin. <i>Water Resources Management</i> , 2013, 27, 1411-1426.	1.9	37
13	Energy balance and evaporation loss of an irrigation reservoir equipped with a suspended cover in a semiarid climate (south-eastern Spain). <i>Hydrological Processes</i> , 2011, 25, 1694-1703.	1.1	35
14	Carbon emissions and economic assessment of farm operations under different tillage practices in organic rainfed almond orchards in semiarid Mediterranean conditions. <i>Scientia Horticulturae</i> , 2020, 261, 108978.	1.7	31
15	Effects of a suspended shade cloth cover on water quality of an agricultural reservoir for irrigation. <i>Agricultural Water Management</i> , 2011, 100, 70-75.	2.4	29
16	Evapotranspiration and carbon exchange in a citrus orchard using eddy covariance. <i>Irrigation Science</i> , 2017, 35, 397-408.	1.3	29
17	Effectiveness and persistence of arbuscular mycorrhizal fungi on the physiology, nutrient uptake and yield of Crimson seedless grapevine. <i>Journal of Agricultural Science</i> , 2015, 153, 1084-1096.	0.6	28
18	Estimation of dew yield from radiative condensers by means of an energy balance model. <i>Journal of Hydrology</i> , 2012, 460-461, 103-109.	2.3	27

#	ARTICLE	IF	CITATIONS
19	Simultaneous solution for water, heat and salt balances in a Mediterranean coastal lagoon (Mar) Tj ETQq1 1 0.784314 rgBT /Overlock	0.9	26
20	Evaluation of evaporation estimation methods for a covered reservoir in a semi-arid climate (south-eastern Spain). Journal of Hydrology, 2012, 458-459, 59-67.	2.3	24
21	Regionalization of the Hargreaves coefficient to estimate long-term reference evapotranspiration series in SE Spain. Spanish Journal of Agricultural Research, 2013, 11, 1137.	0.3	24
22	Medium-term effects of saline reclaimed water and regulated deficit irrigation on fruit quality of citrus. Journal of the Science of Food and Agriculture, 2020, 100, 1350-1357.	1.7	20
23	Experimental assessment of shade-cloth covers on agricultural reservoirs for irrigation in south-eastern Spain. Spanish Journal of Agricultural Research, 2010, 8, 122.	0.3	20
24	Dew condensation on different natural and artificial passive surfaces in a semiarid climate. Journal of Arid Environments, 2015, 116, 63-70.	1.2	19
25	Revaluating the nutrition potential of reclaimed water for irrigation in southeastern Spain. Agricultural Water Management, 2019, 218, 174-181.	2.4	19
26	Irrigation-Advisor: A Decision Support System for Irrigation of Vegetable Crops. Water (Switzerland), 2019, 11, 2245.	1.2	19
27	Effects of Irrigation with Desalinated Seawater and Hydroponic System on Tomato Quality. Water (Switzerland), 2020, 12, 518.	1.2	18
28	Influence of the Water Source on the Carbon Footprint of Irrigated Agriculture: A Regional Study in South-Eastern Spain. Agronomy, 2021, 11, 351.	1.3	18
29	Effects of drip irrigation systems on the recovery of dissolved oxygen from hypoxic water. Agricultural Water Management, 2010, 97, 1806-1812.	2.4	17
30	Physical, chemical and microbiological effects of suspended shade cloth covers on stored water for irrigation. Agricultural Water Management, 2013, 118, 70-78.	2.4	17
31	Economic feasibility of implementing regulated deficit irrigation with reclaimed water in a grapefruit orchard. Agricultural Water Management, 2016, 178, 119-125.	2.4	17
32	Assessing concerns about fertigation costs with desalinated seawater in south-eastern Spain. Agricultural Water Management, 2020, 239, 106257.	2.4	16
33	The role of reclaimed water for crop irrigation in southeast Spain. Water Science and Technology: Water Supply, 2019, 19, 1555-1562.	1.0	13
34	Physiological and growth responses of young tomato seedlings to drip-irrigation containing two low doses of the arbuscular mycorrhizal fungus <i>Glomus iranicum</i> var. <i>tenuihypharum</i> sp. <i>nova</i> . Journal of Horticultural Science and Biotechnology, 2014, 89, 679-685.	0.9	12
35	Deficit irrigation with reclaimed water in a citrus orchard. Energy and greenhouse-gas emissions analysis. Agricultural Systems, 2018, 159, 93-102.	3.2	12
36	Producing lettuce in soil-based or in soilless outdoor systems. Which is more economically profitable?. Agricultural Water Management, 2018, 206, 48-55.	2.4	10

#	ARTICLE	IF	CITATIONS
37	Intercropping Practices in Mediterranean Mandarin Orchards from an Environmental and Economic Perspective. <i>Agriculture (Switzerland)</i> , 2022, 12, 574.	1.4	9
38	Short-Term Response of Young Mandarin Trees to Desalinated Seawater Irrigation. <i>Water (Switzerland)</i> , 2020, 12, 159.	1.2	7
39	Boron Removal from Desalinated Seawater for Irrigation with an On-Farm Reverse Osmosis System in Southeastern Spain. <i>Agronomy</i> , 2022, 12, 611.	1.3	6
40	Ion Exchange Resins to Reduce Boron in Desalinated Seawater for Irrigation in Southeastern Spain. <i>Agronomy</i> , 2022, 12, 1389.	1.3	5
41	Irriblend-DSW: A decision support tool for the optimal blending of desalinated and conventional irrigation waters in dry regions. <i>Agricultural Water Management</i> , 2021, 255, 107012.	2.4	4
42	Comparative Analysis of on-Farm Reservoir Management Techniques and Their Effect on Filtering Requirements for Irrigation. <i>Water Resources Management</i> , 2015, 29, 1155-1167.	1.9	2
43	Long-term effect of irrigation with saline reclaimed water on adult mandarin trees. <i>Acta Horticulturae</i> , 2017, , 407-412.	0.1	1