

JosÃ© F Maestre-Valero

List of Publications by Year in descending order

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43
papers

1,164
citations

331259

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docs citations

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1241
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Intercropping Practices in Mediterranean Mandarin Orchards from an Environmental and Economic Perspective. <i>Agriculture (Switzerland)</i> , 2022, 12, 574.	1.4	9
3	Ion Exchange Resins to Reduce Boron in Desalinated Seawater for Irrigation in Southeastern Spain. <i>Agronomy</i> , 2022, 12, 1389.	1.3	5
4	Influence of the Water Source on the Carbon Footprint of Irrigated Agriculture: A Regional Study in South-Eastern Spain. <i>Agronomy</i> , 2021, 11, 351.	1.3	18
5	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
6	Medium-term effects of saline reclaimed water and regulated deficit irrigation on fruit quality of citrus. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 1350-1357.	1.7	20
7	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
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	Effects of Irrigation with Desalinated Seawater and Hydroponic System on Tomato Quality. <i>Water (Switzerland)</i> , 2020, 12, 518.	1.2	18
10	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
11	Assessing concerns about fertigation costs with desalinated seawater in south-eastern Spain. <i>Agricultural Water Management</i> , 2020, 239, 106257.	2.4	16
12	Short-Term Response of Young Mandarin Trees to Desalinated Seawater Irrigation. <i>Water (Switzerland)</i> , 2020, 12, 159.	1.2	7
13	Characterization of the Agricultural Supply of Desalinated Seawater in Southeastern Spain. <i>Water (Switzerland)</i> , 2019, 11, 1233.	1.2	46
14	The role of reclaimed water for crop irrigation in southeast Spain. <i>Water Science and Technology: Water Supply</i> , 2019, 19, 1555-1562.	1.0	13
15	Revaluing the nutrition potential of reclaimed water for irrigation in southeastern Spain. <i>Agricultural Water Management</i> , 2019, 218, 174-181.	2.4	19
16	Irrigation-Advisor: A Decision Support System for Irrigation of Vegetable Crops. <i>Water (Switzerland)</i> , 2019, 11, 2245.	1.2	19
17	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
18	Deficit irrigation with reclaimed water in a citrus orchard. Energy and greenhouse-gas emissions analysis. <i>Agricultural Systems</i> , 2018, 159, 93-102.	3.2	12

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19	Producing lettuce in soil-based or in soilless outdoor systems. Which is more economically profitable?. <i>Agricultural Water Management</i> , 2018, 206, 48-55.	2.4	10
20	Long-term effect of irrigation with saline reclaimed water on adult mandarin trees. <i>Acta Horticulturae</i> , 2017, , 407-412.	0.1	1
21	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
22	Evapotranspiration and carbon exchange in a citrus orchard using eddy covariance. <i>Irrigation Science</i> , 2017, 35, 397-408.	1.3	29
23	Economic feasibility of implementing regulated deficit irrigation with reclaimed water in a grapefruit orchard. <i>Agricultural Water Management</i> , 2016, 178, 119-125.	2.4	17
24	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
25	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
26	Dew condensation on different natural and artificial passive surfaces in a semiarid climate. <i>Journal of Arid Environments</i> , 2015, 116, 63-70.	1.2	19
27	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
28	Response of young â€ˆStar Rubyâ€™ grapefruit trees to regulated deficit irrigation with saline reclaimed water. <i>Agricultural Water Management</i> , 2015, 158, 51-60.	2.4	40
29	Arbuscular mycorrhizal symbiosis alleviates detrimental effects of saline reclaimed water in lettuce plants. <i>Mycorrhiza</i> , 2014, 24, 339-348.	1.3	43
30	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
31	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>tenuiphyarum</i> sp. <i>nova</i> . <i>Journal of Horticultural Science and Biotechnology</i> , 2014, 89, 679-685.	0.9	12
32	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
33	Physical, chemical and microbiological effects of suspended shade cloth covers on stored water for irrigation. <i>Agricultural Water Management</i> , 2013, 118, 70-78.	2.4	17
34	Regionalization of the Hargreaves coefficient to estimate long-term reference evapotranspiration series in SE Spain. <i>Spanish Journal of Agricultural Research</i> , 2013, 11, 1137.	0.3	24
35	Evaluation of evaporation estimation methods for a covered reservoir in a semi-arid climate (south-eastern Spain). <i>Journal of Hydrology</i> , 2012, 458-459, 59-67.	2.3	24
36	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

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37	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
38	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
39	Simultaneous solution for water, heat and salt balances in a Mediterranean coastal lagoon (Mar Tj ETQq1 1 0.784314 rgBT /Overlock 0.9 26	0.9	26
40	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
41	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
42	Effects of drip irrigation systems on the recovery of dissolved oxygen from hypoxic water. <i>Agricultural Water Management</i> , 2010, 97, 1806-1812.	2.4	17
43	Experimental assessment of shade-cloth covers on agricultural reservoirs for irrigation in south-eastern Spain. <i>Spanish Journal of Agricultural Research</i> , 2010, 8, 122.	0.3	20