

# Amelia Montoro

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

838  
citations

516710

16  
h-index

580821

25  
g-index

29  
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29  
docs citations

29  
times ranked

990  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evapotranspiration and crop coefficients from lysimeter measurements of mature "Tempranillo" wine grapes. <i>Agricultural Water Management</i> , 2012, 112, 13-20.	5.6	105
2	A RADARSAT-2 Quad-Polarized Time Series for Monitoring Crop and Soil Conditions in Barrax, Spain. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2012, 50, 1057-1070.	6.3	102
3	Single and dual crop coefficients and water requirements for onion ( <i>Allium cepa</i> L.) under semiarid conditions. <i>Agricultural Water Management</i> , 2009, 96, 1031-1036.	5.6	73
4	Irrigation management from space: Towards user-friendly products. <i>Irrigation and Drainage Systems</i> , 2005, 19, 337-353.	0.5	69
5	Photosynthetic traits in Australian wheat varieties released between 1958 and 2007. <i>Field Crops Research</i> , 2012, 134, 19-29.	5.1	66
6	Water use of spring wheat to raise water productivity. <i>Agricultural Water Management</i> , 2009, 96, 1305-1310.	5.6	61
7	Elevated temperature altered the reaction norms of stomatal conductance in field-grown grapevine. <i>Agricultural and Forest Meteorology</i> , 2012, 165, 35-42.	4.8	50
8	Discrimination ability of leaf and stem water potential at different times of the day through a meta-analysis in grapevine ( <i>Vitis vinifera</i> L.). <i>Agricultural Water Management</i> , 2019, 221, 202-210.	5.6	40
9	Improving on-farm water management through an irrigation scheduling service. <i>Irrigation Science</i> , 2011, 29, 311-319.	2.8	39
10	Fast movable remotely controlled Langmuir probe system. <i>Review of Scientific Instruments</i> , 1999, 70, 415-418.	1.3	35
11	Transpiration and evaporation of grapevine, two components related to irrigation strategy. <i>Agricultural Water Management</i> , 2016, 177, 193-200.	5.6	31
12	Effect of using pruning waste as an organic mulching on a drip-irrigated vineyard evapotranspiration under a semi-arid climate. <i>Agricultural and Forest Meteorology</i> , 2020, 291, 108064.	4.8	31
13	Consumptive water use and crop coefficients of irrigated sunflower. <i>Irrigation Science</i> , 2014, 32, 99-109.	2.8	25
14	Evapotranspiration and responses to irrigation of broccoli. <i>Agricultural Water Management</i> , 2009, 96, 1155-1161.	5.6	22
15	Evapotranspiration and crop coefficients of irrigated biomass sorghum for energy production. <i>Irrigation Science</i> , 2016, 34, 287-296.	2.8	22
16	Sensitivity of Trunk Diameter Fluctuations in <i>Vitis vinifera</i> L. Tempranillo and Cabernet Sauvignon Cultivars. <i>American Journal of Enology and Viticulture</i> , 2012, 63, 85-93.	1.7	16
17	EVAPOTRANSPIRATION OF GRAPEVINES MEASURED BY A WEIGHING LYSIMETER IN LA MANCHA, SPAIN. <i>Acta Horticulturae</i> , 2008, , 459-466.	0.2	16
18	Lysimeter measurements of nocturnal and diurnal grapevine transpiration: Effect of soil water content, and phenology. <i>Agricultural Water Management</i> , 2020, 229, 105882.	5.6	14

#	ARTICLE	IF	CITATIONS
19	Role of stomata density in the water use of grapevines. Acta Horticulturae, 2016, , 41-48.	0.2	9
20	DENDROMETRIC MEASUREMENTS IN GRAPEVINE (VITIS VINIFERA L. 'TEMPRANILLO' AND 'CABERNET) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.2	4
21	ELEVATED TEMPERATURE INCREASED STOMATA SIZE AND LEAF PHOTOSYNTHESIS IN SHIRAZ GRAPEVINE. Acta Horticulturae, 2014, , 443-447.	0.2	2
22	Different behaviour of two grapevine cultivars under similar irrigation management. Acta Horticulturae, 2017, , 477-484.	0.2	2
23	CONSUMPTIVE WATER USE AND CROP COEFFICIENTS OF MATURE 'TEMPRANILLO' GRAPEVINES IN LA MANCHA, SPAIN. Acta Horticulturae, 2012, , 109-117.	0.2	2
24	Testing the potential of two-source surface energy balance to monitor plant transpiration in vineyards. Acta Horticulturae, 2016, , 187-192.	0.2	1
25	Thermal remote sensing measurements as a tool to monitor evaporation/transpiration in vineyards. Acta Horticulturae, 2017, , 203-210.	0.2	1
26	Evaluation Of DEMETER By The Irrigation Advisory Service From Albacete (Spain). AIP Conference Proceedings, 2006, , .	0.4	0
27	Discrepancies between eddy covariance and lysimeter measurements in the assessment of energy balance modeling in vineyards. , 2016, , .		0
28	Measures of transpiration in <i>Vitis vinifera</i> L. â€™Tempranilloâ€™™ in semi-arid climate. Acta Horticulturae, 2017, , 209-214.	0.2	0
29	Nocturnal and diurnal grapevine transpiration â€™ relationship with meteorological parameters. Acta Horticulturae, 2022, , 211-218.	0.2	0