

Cristina Santos Rufo

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

772
citations

471371

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23
times ranked

1007
citing authors

#	ARTICLE	IF	CITATIONS
1	Impacts of climate change adaptation options on soil functions: A review of European case studies. <i>Land Degradation and Development</i> , 2018, 29, 2378-2389.	1.8	74
2	Integrating satellite-based evapotranspiration with simulation models for irrigation management at the scheme level. <i>Irrigation Science</i> , 2008, 26, 277-288.	1.3	72
3	AquaData and AquaGIS: Two computer utilities for temporal and spatial simulations of water-limited yield with AquaCrop. <i>Computers and Electronics in Agriculture</i> , 2013, 96, 227-237.	3.7	56
4	Impact of changes in mean and extreme temperatures caused by climate change on olive flowering in southern Spain. <i>International Journal of Climatology</i> , 2017, 37, 940-957.	1.5	56
5	Aerodynamic Parameterization of the Satellite-Based Energy Balance (METRIC) Model for ET Estimation in Rainfed Olive Orchards of Andalusia, Spain. <i>Water Resources Management</i> , 2012, 26, 3267-3283.	1.9	53
6	Using weather forecast data for irrigation scheduling under semi-arid conditions. <i>Irrigation Science</i> , 2015, 33, 411-427.	1.3	53
7	An innovative remote sensing based reference evapotranspiration method to support irrigation water management under semi-arid conditions. <i>Agricultural Water Management</i> , 2014, 131, 135-145.	2.4	48
8	Evaluation of olive response and adaptation strategies to climate change under semi-arid conditions. <i>Agricultural Water Management</i> , 2018, 204, 247-261.	2.4	44
9	Assessment of the Irrigation Advisory Services™ Recommendations and Farmers™ Irrigation Management: A Case Study in Southern Spain. <i>Water Resources Management</i> , 2012, 26, 2397-2419.	1.9	43
10	Performance assessment of an irrigation scheme using indicators determined with remote sensing techniques. <i>Irrigation Science</i> , 2010, 28, 461-477.	1.3	42
11	The role of phenology in the climate change impacts and adaptation strategies for tree crops: a case study on almond orchards in Southern Europe. <i>Agricultural and Forest Meteorology</i> , 2020, 294, 108142.	1.9	30
12	Impact of the spatial resolution on the energy balance components on an open-canopy olive orchard. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2019, 74, 88-102.	1.4	27
13	Identifying adaptation strategies to climate change for Mediterranean olive orchards using impact response surfaces. <i>Agricultural Systems</i> , 2020, 185, 102937.	3.2	24
14	Design and construction of a large weighing lysimeter in an almond orchard. <i>Spanish Journal of Agricultural Research</i> , 2012, 10, 238.	0.3	22
15	Assessment of reference evapotranspiration using remote sensing and forecasting tools under semi-arid conditions. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2014, 33, 280-289.	1.4	20
16	Understanding effects of genotype × environment × sowing window interactions for durum wheat in the Mediterranean basin. <i>Field Crops Research</i> , 2020, 259, 107969.	2.3	18
17	Uncertainty in estimating reference evapotranspiration using remotely sensed and forecasted weather data under the climatic conditions of Southern Spain. <i>International Journal of Climatology</i> , 2015, 35, 3371-3384.	1.5	17
18	Assessing reference evapotranspiration at regional scale based on remote sensing, weather forecast and GIS tools. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2017, 55, 32-42.	1.4	17

#	ARTICLE	IF	CITATIONS
19	Assessing irrigation scheme water use and farmers' performance using wireless telemetry systems. Computers and Electronics in Agriculture, 2013, 98, 193-204.	3.7	15
20	Evaluating the impact of adjusting surface temperature derived from Landsat 7 ETM+ in crop evapotranspiration assessment using high-resolution airborne data. International Journal of Remote Sensing, 2017, 38, 4177-4205.	1.3	15
21	Phenological diversity in a World Olive Germplasm Bank: Potential use for breeding programs and climate change studies. Spanish Journal of Agricultural Research, 2020, 18, e0701.	0.3	15
22	Water Management and Climate Change in Semiarid Environments. , 2018, , 3-40.		11
23	Integration of satellite-based energy balance with simulation models applied to irrigation management at an irrigation scheme of southern Spain. Proceedings of SPIE, 2007, , .	0.8	0