

Paula Paredes

List of Publications by Year in descending order

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55
papers

2,572
citations

159585

30
h-index

189892

50
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58
all docs

58
docs citations

58
times ranked

1710
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimating and partitioning maize evapotranspiration as affected by salinity using weighing lysimeters and the SIMDualKc model. <i>Agricultural Water Management</i> , 2022, 261, 107362.	5.6	15
2	Crop and landscape water requirements. , 2022, , .		0
3	Standard single and basal crop coefficients for field crops. Updates and advances to the FAO56 crop water requirements method. <i>Agricultural Water Management</i> , 2021, 243, 106466.	5.6	35
4	Standard single and basal crop coefficients for vegetable crops, an update of FAO56 crop water requirements approach. <i>Agricultural Water Management</i> , 2021, 243, 106196.	5.6	32
5	Daily grass reference evapotranspiration with Meteosat Second Generation shortwave radiation and reference ET products. <i>Agricultural Water Management</i> , 2021, 248, 106543.	5.6	19
6	Updated single and dual crop coefficients for tree and vine fruit crops. <i>Agricultural Water Management</i> , 2021, 250, 106645.	5.6	51
7	Prediction of crop coefficients from fraction of ground cover and height: Practical application to vegetable, field and fruit crops with focus on parameterization. <i>Agricultural Water Management</i> , 2021, 252, 106663.	5.6	21
8	Transpiration and Water Use of an Irrigated Traditional Olive Grove with Sap-Flow Observations and the FAO56 Dual Crop Coefficient Approach. <i>Water (Switzerland)</i> , 2021, 13, 2466.	2.7	12
9	Soil water balance models for determining crop water and irrigation requirements and irrigation scheduling focusing on the FAO56 method and the dual Kc approach. <i>Agricultural Water Management</i> , 2020, 241, 106357.	5.6	100
10	Prediction of crop coefficients from fraction of ground cover and height. Background and validation using ground and remote sensing data. <i>Agricultural Water Management</i> , 2020, 241, 106197.	5.6	62
11	A review of strategies, methods and technologies to reduce non-beneficial consumptive water use on farms considering the FAO56 methods. <i>Agricultural Water Management</i> , 2020, 239, 106267.	5.6	46
12	Reference grass evapotranspiration with reduced data sets: Parameterization of the FAO Penman-Monteith temperature approach and the Hargeaves-Samani equation using local climatic variables. <i>Agricultural Water Management</i> , 2020, 240, 106210.	5.6	49
13	Computing FAO56 reference grass evapotranspiration PM-ET _o from temperature with focus on solar radiation. <i>Agricultural Water Management</i> , 2019, 215, 86-102.	5.6	31
14	Crop Coefficients and Transpiration of a Super Intensive Arbequina Olive Orchard using the Dual Kc Approach and the Kcb Computation with the Fraction of Ground Cover and Height. <i>Water (Switzerland)</i> , 2019, 11, 383.	2.7	26
15	Assessing potato transpiration, yield and water productivity under various water regimes and planting dates using the FAO dual K c approach. <i>Agricultural Water Management</i> , 2018, 195, 11-24.	5.6	41
16	Daily reference crop evapotranspiration with reduced data sets in the humid environments of Azores islands using estimates of actual vapor pressure, solar radiation, and wind speed. <i>Theoretical and Applied Climatology</i> , 2018, 134, 1115-1133.	2.8	21
17	Daily reference crop evapotranspiration in the humid environments of Azores islands using reduced data sets: accuracy of FAO-PM temperature and Hargreaves-Samani methods. <i>Theoretical and Applied Climatology</i> , 2018, 134, 595-611.	2.8	27
18	Accuracy of daily estimation of grass reference evapotranspiration using ERA-Interim reanalysis products with assessment of alternative bias correction schemes. <i>Agricultural Water Management</i> , 2018, 210, 340-353.	5.6	46

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19	Evapotranspiration Partition and Crop Coefficients of Tifton 85 Bermudagrass as Affected by the Frequency of Cuttings. Application of the FAO56 Dual Kc Model. <i>Water (Switzerland)</i> , 2018, 10, 558.	2.7	17
20	Assessing yield, water productivity and farm economic returns of malt barley as influenced by the sowing dates and supplemental irrigation. <i>Agricultural Water Management</i> , 2017, 179, 132-143.	5.6	25
21	Using the FAO dual crop coefficient approach to model water use and productivity of processing pea (<i>Pisum sativum</i> L.) as influenced by irrigation strategies. <i>Agricultural Water Management</i> , 2017, 189, 5-18.	5.6	26
22	Assessing reference evapotranspiration estimation from reanalysis weather products. An application to the Iberian Peninsula. <i>International Journal of Climatology</i> , 2017, 37, 2378-2397.	3.5	42
23	Parameterization of AquaCrop model for vining pea biomass and yield predictions and assessing impacts of irrigation strategies considering various sowing dates. <i>Irrigation Science</i> , 2017, 35, 27-41.	2.8	17
24	Comparing Sprinkler and Surface Irrigation for Wheat Using Multi-Criteria Analysis: Water Saving vs. Economic Returns. <i>Water (Switzerland)</i> , 2017, 9, 50.	2.7	19
25	Water Use and Yield of Soybean under Various Irrigation Regimes and Severe Water Stress. Application of AquaCrop and SIMDualKc Models. <i>Water (Switzerland)</i> , 2017, 9, 393.	2.7	28
26	Predicting Maize Transpiration, Water Use and Productivity for Developing Improved Supplemental Irrigation Schedules in Western Uruguay to Cope with Climate Variability. <i>Water (Switzerland)</i> , 2016, 8, 309.	2.7	20
27	Daily Reference Evapotranspiration for Hyper-Arid to Moist Sub-Humid Climates in Inner Mongolia, China: I. Assessing Temperature Methods and Spatial Variability. <i>Water Resources Management</i> , 2016, 30, 3769-3791.	3.9	37
28	Ecohydrology of groundwater-dependent grasslands of the semi-arid Horqin sandy land of inner Mongolia focusing on evapotranspiration partition. <i>Ecohydrology</i> , 2016, 9, 1052-1067.	2.4	15
29	Daily Reference Evapotranspiration for Hyper-Arid to Moist Sub-Humid Climates in Inner Mongolia, China: II. Trends of ETo and Weather Variables and Related Spatial Patterns. <i>Water Resources Management</i> , 2016, 30, 3793-3814.	3.9	13
30	Modeling water use, transpiration and soil evaporation of spring wheat-maize and spring wheat-sunflower relay intercropping using the dual crop coefficient approach. <i>Agricultural Water Management</i> , 2016, 165, 211-229.	5.6	72
31	Estimation of Actual Crop Coefficients Using Remotely Sensed Vegetation Indices and Soil Water Balance Modelled Data. <i>Remote Sensing</i> , 2015, 7, 2373-2400.	4.0	61
32	Water use by a groundwater dependent maize in a semi-arid region of Inner Mongolia: Evapotranspiration partitioning and capillary rise. <i>Agricultural Water Management</i> , 2015, 152, 222-232.	5.6	45
33	Modelling soil water dynamics of full and deficit drip irrigated maize cultivated under a rain shelter. <i>Biosystems Engineering</i> , 2015, 132, 1-18.	4.3	47
34	Performance assessment of the FAO AquaCrop model for soil water, soil evaporation, biomass and yield of soybeans in North China Plain. <i>Agricultural Water Management</i> , 2015, 152, 57-71.	5.6	73
35	Modeling malt barley water use and evapotranspiration partitioning in two contrasting rainfall years. Assessing AquaCrop and SIMDualKc models. <i>Agricultural Water Management</i> , 2015, 159, 239-254.	5.6	81
36	Assessing and modelling water use and the partition of evapotranspiration of irrigated hop (<i>Humulus lupulifera</i> L.) in the Overlock 10 T Products, 2015, 77, 204-217.	5.2	30

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37	Modelling transpiration, soil evaporation and yield prediction of soybean in North China Plain. <i>Agricultural Water Management</i> , 2015, 147, 43-53.	5.6	89
38	Partitioning evapotranspiration, yield prediction and economic returns of maize under various irrigation management strategies. <i>Agricultural Water Management</i> , 2014, 135, 27-39.	5.6	109
39	Evapotranspiration and crop coefficients for a super intensive olive orchard. An application of SIMDualKc and METRIC models using ground and satellite observations. <i>Journal of Hydrology</i> , 2014, 519, 2067-2080.	5.4	98
40	Assessing the performance of the FAO AquaCrop model to estimate maize yields and water use under full and deficit irrigation with focus on model parameterization. <i>Agricultural Water Management</i> , 2014, 144, 81-97.	5.6	99
41	The dual crop coefficient approach to estimate and partitioning evapotranspiration of the winter wheat–summer maize crop sequence in North China Plain. <i>Irrigation Science</i> , 2013, 31, 1303-1316.	2.8	118
42	Dual crop coefficients for maize in southern Brazil: Model testing for sprinkler and drip irrigation and mulched soil. <i>Biosystems Engineering</i> , 2013, 115, 291-310.	4.3	60
43	Comparing sprinkler and drip irrigation systems for full and deficit irrigated maize using multicriteria analysis and simulation modelling: Ranking for water saving vs. farm economic returns. <i>Agricultural Water Management</i> , 2013, 126, 85-96.	5.6	63
44	Dual crop coefficient modelling applied to the winter wheat–summer maize crop sequence in North China Plain: Basal crop coefficients and soil evaporation component. <i>Agricultural Water Management</i> , 2013, 117, 93-105.	5.6	106
45	ESTIMATION OF THE PAPAYA CROP COEFFICIENTS FOR IMPROVING IRRIGATION WATER MANAGEMENT IN SOUTH OF HAVANA. <i>Acta Horticulturae</i> , 2012, , 179-186.	0.2	3
46	Implementing the dual crop coefficient approach in interactive software. 1. Background and computational strategy. <i>Agricultural Water Management</i> , 2012, 103, 8-24.	5.6	147
47	Implementing the dual crop coefficient approach in interactive software: 2. Model testing. <i>Agricultural Water Management</i> , 2012, 103, 62-77.	5.6	93
48	The dual crop coefficient approach using a density factor to simulate the evapotranspiration of a peach orchard: SIMDualKc model versus eddy covariance measurements. <i>Irrigation Science</i> , 2012, 30, 115-126.	2.8	79
49	THE DUAL CROP COEFFICIENT APPROACH: TESTING THE SIMDUALKC MODEL WITH PEACH ORCHARD EVAPOTRANSPIRATION EDDY COVARIANCE MEASUREMENTS. <i>Acta Horticulturae</i> , 2011, , 181-188.	0.2	2
50	DETERMINATION OF CROP COEFFICIENTS FOR HORTICULTURAL CROPS IN CUBA THROUGH FIELD EXPERIMENTS AND WATER BALANCE SIMULATION. <i>Acta Horticulturae</i> , 2011, , 475-482.	0.2	3
51	Relating energy performance and water productivity of sprinkler irrigated maize, wheat and sunflower under limited water availability. <i>Biosystems Engineering</i> , 2010, 106, 195-204.	4.3	21
52	Simulation of the soil water balance of wheat using daily weather forecast messages to estimate the reference evapotranspiration. <i>Hydrology and Earth System Sciences</i> , 2009, 13, 1045-1059.	4.9	47
53	Irrigation scheduling strategies for cotton to cope with water scarcity in the Fergana Valley, Central Asia. <i>Agricultural Water Management</i> , 2009, 96, 723-735.	5.6	86
54	Cotton irrigation scheduling in central Asia: model calibration and validation with consideration of groundwater contribution. <i>Irrigation and Drainage</i> , 2008, 57, 516-532.	1.7	43

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55	SIMDualKc, A Software Tool for Water Balance Simulation Based on Dual Crop Coefficient. , 0, , .		0