

Teresa PaÃ§o

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,262
citations

516215

16
h-index

360668

35
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44
all docs

44
docs citations

44
times ranked

1699
citing authors

#	ARTICLE	IF	CITATIONS
1	Net ecosystem carbon exchange in three contrasting Mediterranean ecosystems â the effect of drought. <i>Biogeosciences</i> , 2007, 4, 791-802.	1.3	210
2	The dual crop coefficient approach to estimate and partitioning evapotranspiration of the winter wheatâsummer maize crop sequence in North China Plain. <i>Irrigation Science</i> , 2013, 31, 1303-1316.	1.3	118
3	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.	2.3	98
4	Evapotranspiration from a Mediterranean evergreen oak savannah: The role of trees and pasture. <i>Journal of Hydrology</i> , 2009, 369, 98-106.	2.3	85
5	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.	1.3	79
6	Peach orchard evapotranspiration in a sandy soil: Comparison between eddy covariance measurements and estimates by the FAO 56 approach. <i>Agricultural Water Management</i> , 2006, 85, 305-313.	2.4	72
7	Urban agriculture as a keystone contribution towards securing sustainable and healthy development for cities in the future. <i>Blue-Green Systems</i> , 2020, 2, 1-27.	0.6	62
8	Estimation of Actual Crop Coefficients Using Remotely Sensed Vegetation Indices and Soil Water Balance Modelled Data. <i>Remote Sensing</i> , 2015, 7, 2373-2400.	1.8	61
9	Wet season hydrological performance of green roofs using native species under Mediterranean climate. <i>Ecological Engineering</i> , 2017, 102, 596-611.	1.6	54
10	Updated single and dual crop coefficients for tree and vine fruit crops. <i>Agricultural Water Management</i> , 2021, 250, 106645.	2.4	51
11	Satellite-based evapotranspiration of a super-intensive olive orchard: Application of METRIC algorithms. <i>Biosystems Engineering</i> , 2014, 128, 69-81.	1.9	48
12	Comparative assessment of five methods of determining sap flow in peach trees. <i>Agricultural Water Management</i> , 2008, 95, 503-515.	2.4	44
13	Drought-induced embolism in current-year shoots of two Mediterranean evergreen oaks. <i>Forest Ecology and Management</i> , 2012, 285, 1-10.	1.4	35
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.	1.2	26
15	Nature-Based Solutions for Agriculture in Circular Cities: Challenges, Gaps, and Opportunities. <i>Water (Switzerland)</i> , 2021, 13, 2565.	1.2	20
16	Green Roof Design Techniques to Improve Water Use under Mediterranean Conditions. <i>Urban Science</i> , 2019, 3, 14.	1.1	18
17	TRANSPIRATION OF A KIWIFRUIT ORCHARD ESTIMATED USING THE GRANIER SAP FLOW METHOD CALIBRATED UNDER FIELD CONDITIONS. <i>Acta Horticulturae</i> , 2008, , 593-600.	0.1	15
18	Scheduling peach orchard irrigation in water stress conditions: use of relative transpiration and predawn leaf water potential. <i>Fruits</i> , 2013, 68, 147-158.	0.3	15

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19	Selecting Potential Moss Species for Green Roofs in the Mediterranean Basin. <i>Urban Science</i> , 2019, 3, 57.	1.1	12
20	Deficit Irrigation in Mediterranean Fruit Trees and Grapevines: Water Stress Indicators and Crop Responses. , 2019, , .		12
21	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.	1.2	12
22	Are Biocrusts and Xerophytic Vegetation a Viable Green Roof Typology in a Mediterranean Climate? A Comparison between Differently Vegetated Green Roofs in Water Runoff and Water Quality. <i>Water (Switzerland)</i> , 2021, 13, 94.	1.2	12
23	MEASUREMENTS AND ESTIMATES OF PEACH ORCHARD EVAPOTRANSPIRATION IN MEDITERRANEAN CONDITIONS. <i>Acta Horticulturae</i> , 2004, , 505-512.	0.1	12
24	Increasing the resistance of Mediterranean extensive green roofs by using native plants from old roofs and walls. <i>Ecological Engineering</i> , 2022, 178, 106576.	1.6	9
25	Hydrological Performance of Green Roofs in Mediterranean Climates: A Review and Evaluation of Patterns. <i>Water (Switzerland)</i> , 2021, 13, 2600.	1.2	8
26	COMBINING TECHNIQUES TO STUDY EVAPOTRANSPIRATION IN WOODY CROPS: APPLICATION TO SMALL AREAS - TWO CASE STUDIES. <i>Acta Horticulturae</i> , 2004, , 225-232.	0.1	8
27	SAP FLOW IN PEACH TREES DURING WATER STRESS AND RECOVERY IN TWO ENVIRONMENTAL CONDITIONS. <i>Acta Horticulturae</i> , 2000, , 351-358.	0.1	7
28	RELATIONSHIPS BETWEEN RELATIVE TRANSPIRATION OF GRAPEVINES AND PLANT AND SOIL WATER STATUS IN PORTUGAL'S DOURO WINE REGION. <i>Acta Horticulturae</i> , 2011, , 261-267.	0.1	7
29	Generating fuzzy rules by learning from olive tree transpiration measurement " An algorithm to automatize Granier sap flow data analysis. <i>Computers and Electronics in Agriculture</i> , 2014, 101, 1-10.	3.7	7
30	DIURNAL AND SEASONAL VARIATIONS OF CWSI AND NON-WATER-STRESSED BASELINE WITH NECTARINE TREES. <i>Acta Horticulturae</i> , 2000, , 415-421.	0.1	6
31	Optimising Artificial Moss Growth for Environmental Studies in the Mediterranean Area. <i>Plants</i> , 2021, 10, 2523.	1.6	6
32	CROP COEFFICIENTS FOR A PEAR ORCHARD (PYRUS COMMUNIS L.) OBTAINED USING EDDY COVARIANCE. <i>Acta Horticulturae</i> , 2008, , 187-192.	0.1	5
33	Climate Change Impacts on Irrigation Requirements of Preserved Forage for Horses under Mediterranean Conditions. <i>Agronomy</i> , 2020, 10, 1758.	1.3	5
34	MEASURING TREE AND VINE ET WITH EDDY COVARIANCE. <i>Acta Horticulturae</i> , 2000, , 53-60.	0.1	4
35	Biot-Granier Sensor: A Novel Strategy to Measuring Sap Flow in Trees. <i>Sensors</i> , 2020, 20, 3538.	2.1	4
36	Lettuce Production under Mini-PV Modules Arranged in Patterned Designs. <i>Agronomy</i> , 2021, 11, 2554.	1.3	4

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37	THE DUAL CROP COEFFICIENT APPROACH: TESTING THE SIMDUALKC MODEL WITH PEACH ORCHARD EVAPOTRANSPIRATION EDDY COVARIANCE MEASUREMENTS. <i>Acta Horticulturae</i> , 2011, , 181-188.	0.1	2
38	EFFECTS OF IRRIGATION AND TREE SPACING ON SOIL AND AIR TEMPERATURE PROFILES OF OLIVE ORCHARDS. <i>Acta Horticulturae</i> , 2014, , 443-450.	0.1	2
39	Using Chlorophyll a Fluorescence Imaging to Select Desiccation-Tolerant Native Moss Species for Water-Sustainable Green Roofs. <i>Water (Switzerland)</i> , 2020, 12, 1748.	1.2	2
40	Production of Preserved Forage for Horses under Water Scarcity Conditions: A Case Study. <i>Water (Switzerland)</i> , 2022, 14, 388.	1.2	2
41	IMPACT OF IRRIGATION IN PRODUCTION AND OIL PROPERTIES IN INTENSIVE AND HEDGEROW OLIVE GROVES. <i>Acta Horticulturae</i> , 2014, , 553-558.	0.1	1
42	USING INFORMATION FROM SAP FLOW MEASUREMENTS TO IMPROVE SOIL ADAPTABILITY TO DRIP IRRIGATION IN ORCHARDS. <i>Acta Horticulturae</i> , 2004, , 333-340.	0.1	1
43	Closed flow solar dehydration with the use of silver nanoparticles: Application for the production of <i>Pouteria lucuma</i> flour. <i>Drying Technology</i> , 2022, 40, 3036-3048.	1.7	1
44	Smart orchard irrigation system. , 2015, , .		0