

Piero Battista

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

367
citations

933447

10
h-index

794594

19
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28
all docs

28
docs citations

28
times ranked

453
citing authors

#	ARTICLE	IF	CITATIONS
1	Root Zone Sensors for Irrigation Management in Intensive Agriculture. <i>Sensors</i> , 2009, 9, 2809-2835.	3.8	108
2	An integrated method for irrigation scheduling of potted plants. <i>Scientia Horticulturae</i> , 2008, 116, 89-97.	3.6	36
3	A simple model simulating development and growth of an olive grove. <i>European Journal of Agronomy</i> , 2019, 105, 129-145.	4.1	32
4	Biochar-based nursery substrates: The effect of peat substitution on reduced salinity. <i>Urban Forestry and Urban Greening</i> , 2017, 23, 27-34.	5.3	23
5	An improved NDVI-based method to predict actual evapotranspiration of irrigated grasses and crops. <i>Agricultural Water Management</i> , 2020, 233, 106077.	5.6	21
6	Use of Sentinel-2 MSI data to monitor crop irrigation in Mediterranean areas. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2020, 93, 102216.	2.8	17
7	Spatio-temporal fusion of NDVI data for simulating soil water content in heterogeneous Mediterranean areas. <i>European Journal of Remote Sensing</i> , 2019, 52, 88-95.	3.5	15
8	Evaluation of Terra/Aqua MODIS and Sentinel-2 MSI NDVI data for predicting actual evapotranspiration in Mediterranean regions. <i>International Journal of Remote Sensing</i> , 2020, 41, 5186-5205.	2.9	12
9	Evaluation and adaptation of TOMGRO model to Italian tomato protected crops. <i>New Zealand Journal of Crop and Horticultural Science</i> , 2012, 40, 115-126.	1.3	11
10	Integration of Ground and Multi-Resolution Satellite Data for Predicting the Water Balance of a Mediterranean Two-Layer Agro-Ecosystem. <i>Remote Sensing</i> , 2016, 8, 731.	4.0	11
11	A Semiempirical Method to Estimate Actual Evapotranspiration in Mediterranean Environments. <i>Advances in Meteorology</i> , 2018, 2018, 1-13.	1.6	9
12	Estimation of Actual Evapotranspiration in Fragmented Mediterranean Areas by the Spatio-Temporal Fusion of NDVI Data. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2019, 12, 5108-5117.	4.9	9
13	Combination of ground and satellite data for the operational estimation of daily evapotranspiration. <i>European Journal of Remote Sensing</i> , 2013, 46, 675-688.	3.5	8
14	A SYSTEM FOR FERTIGATION MANAGEMENT IN CLOSED-LOOP SOILLESS CULTURE OF TOMATO. <i>Acta Horticulturae</i> , 2005, , 263-268.	0.2	7
15	A DECISION SUPPORT SYSTEM TO OPTIMISE FERTIGATION MANAGEMENT IN GREENHOUSE CROPS. <i>Acta Horticulturae</i> , 2012, , 115-122.	0.2	7
16	Simulation of Soil Water Content in Mediterranean Ecosystems by Biogeochemical and Remote Sensing Models. <i>Water (Switzerland)</i> , 2018, 10, 665.	2.7	7
17	IRRIGATION CONTROL OF CONTAINER CROPS BY MEANS OF TENSIO METERS. <i>Acta Horticulturae</i> , 2003, , 467-474.	0.2	6
18	Simulation of soil water content through the combination of meteorological and satellite data. <i>Geoderma</i> , 2021, 393, 115003.	5.1	6

#	ARTICLE	IF	CITATIONS
19	Integration of spatial analysis and fuzzy classification for the estimation of forest parameters in Mediterranean areas. <i>International Journal of Remote Sensing</i> , 2001, 20, 71-88.	1.0	5
20	Modelling Evapotranspiration of Container Crops for Irrigation Scheduling. , 0, , .		5
21	Improved simulation of soil water content by the combination of ground and remote sensing data. <i>European Journal of Remote Sensing</i> , 2014, 47, 739-751.	3.5	5
22	Monitoring and analysis of crop irrigation dynamics in Central Italy through the use of MODIS NDVI data. <i>European Journal of Remote Sensing</i> , 2022, 55, 23-36.	3.5	4
23	Modified TOMGRO outputs as guide factors to estimate evapotranspiration and water use efficiency of three tomato fresh cultivars, grown in a low-tech Italian glasshouse. <i>Acta Horticulturae</i> , 2017, , 39-46.	0.2	2
24	The use of tensiometers to automatically control the irrigation of ornamental species in containers. <i>Italian Journal of Agronomy</i> , 2007, 2, 179.	1.0	1
25	A new methodology for monitoring soil status. , 0, , .		0
26	On the reliability of instruments for environmental monitoring: some practical considerations. <i>Microelectronics Reliability</i> , 2002, 42, 1393-1396.	1.7	0
27	CASCADE MODELLING APPROACH FOR DAILY GLOBAL RADIATION ESTIMATION AND PRECISION VITICULTURE APPLICATIONS IN THE CHIANTI AREA. <i>Acta Horticulturae</i> , 2008, , 303-309.	0.2	0
28	THE INFLUENCE OF IRRIGATION METHOD ON POT GERANIUM (PELARGONIUM PELTATUM L.) GROWN WITH SALINE WATER. <i>Acta Horticulturae</i> , 2009, , 283-288.	0.2	0