Piero Battista

List of Publications by Year
in descending order

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28	367	933447	794594
papers	citations	10	19
		h-index	g-index

28	28	28	453
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Monitoring and analysis of crop irrigation dynamics in Central Italy through the use of MODIS NDVI data. European Journal of Remote Sensing, 2022, 55, 23-36.	3.5	4
2	Simulation of soil water content through the combination of meteorological and satellite data. Geoderma, 2021, 393, 115003.	5.1	6
3	Use of Sentinel-2 MSI data to monitor crop irrigation in Mediterranean areas. International Journal of Applied Earth Observation and Geoinformation, 2020, 93, 102216.	2.8	17
4	An improved NDVI-based method to predict actual evapotranspiration of irrigated grasses and crops. Agricultural Water Management, 2020, 233, 106077.	5.6	21
5	Evaluation of Terra/Aqua MODIS and Sentinel-2 MSI NDVI data for predicting actual evapotranspiration in Mediterranean regions. International Journal of Remote Sensing, 2020, 41, 5186-5205.	2.9	12
6	A simple model simulating development and growth of an olive grove. European Journal of Agronomy, 2019, 105, 129-145.	4.1	32
7	Estimation of Actual Evapotranspiration in Fragmented Mediterranean Areas by the Spatio-Temporal Fusion of NDVI Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 5108-5117.	4.9	9
8	Spatio-temporal fusion of NDVI data for simulating soil water content in heterogeneous Mediterranean areas. European Journal of Remote Sensing, 2019, 52, 88-95.	3.5	15
9	A Semiempirical Method to Estimate Actual Evapotranspiration in Mediterranean Environments. Advances in Meteorology, 2018, 2018, 1-13.	1.6	9
10	Simulation of Soil Water Content in Mediterranean Ecosystems by Biogeochemical and Remote Sensing Models. Water (Switzerland), 2018, 10, 665.	2.7	7
11	Biochar-based nursery substrates: The effect of peat substitution on reduced salinity. Urban Forestry and Urban Greening, 2017, 23, 27-34.	5.3	23
12	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. Acta Horticulturae, 2017, , 39-46.	0.2	2
13	Integration of Ground and Multi-Resolution Satellite Data for Predicting the Water Balance of a Mediterranean Two-Layer Agro-Ecosystem. Remote Sensing, 2016, 8, 731.	4.0	11
14	Improved simulation of soil water content by the combination of ground and remote sensing data. European Journal of Remote Sensing, 2014, 47, 739-751.	3.5	5
15	Combination of ground and satellite data for the operational estimation of daily evapotranspiration. European Journal of Remote Sensing, 2013, 46, 675-688.	3.5	8
16	Evaluation and adaptation of TOMGRO model to Italian tomato protected crops. New Zealand Journal of Crop and Horticultural Science, 2012, 40, 115-126.	1.3	11
17	A DECISION SUPPORT SYSTEM TO OPTIMISE FERTIGATION MANAGEMENT IN GREENHOUSE CROPS. Acta Horticulturae, 2012, , 115-122.	0.2	7
18	Root Zone Sensors for Irrigation Management in Intensive Agriculture. Sensors, 2009, 9, 2809-2835.	3.8	108

#	Article	IF	Citations
19	THE INFLUENCE OF IRRIGATION METHOD ON POT GERANIUM (PELARGONIUM PELTATUM L.) GROWN WITH SALINE WATER. Acta Horticulturae, 2009, , 283-288.	0.2	0
20	An integrated method for irrigation scheduling of potted plants. Scientia Horticulturae, 2008, 116, 89-97.	3.6	36
21	CASCADE MODELLING APPROACH FOR DAILY GLOBAL RADIATION ESTIMATION AND PRECISION VITICULTURE APPLICATIONS IN THE CHIANTI AREA. Acta Horticulturae, 2008, , 303-309.	0.2	0
22	The use of tensiometers to automatically control the irrigation of ornamental species in containers. Italian Journal of Agronomy, 2007, 2, 179.	1.0	1
23	A SYSTEM FOR FERTIGATION MANAGEMENT IN CLOSED-LOOP SOILLESS CULTURE OF TOMATO. Acta Horticulturae, 2005, , 263-268.	0.2	7
24	IRRIGATION CONTROL OF CONTAINER CROPS BY MEANS OF TENSIOMETERS. Acta Horticulturae, 2003, , 467-474.	0.2	6
25	On the reliability of instruments for environmental monitoring: some practical considerations. Microelectronics Reliability, 2002, 42, 1393-1396.	1.7	0
26	Integration of spatial analysis and fuzzy classification for the estimation of forest parameters in Mediterranean areas. International Journal of Remote Sensing, 2001, 20, 71-88.	1.0	5
27	A new methodology for monitoring soil status. , 0, , .		0
28	Modelling Evapotranspiration of Container Crops for Irrigation Scheduling. , 0, , .		5