P V Mauri

List of Publications by Year
in descending order

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29	295	932766 10	940134 16
papers	citations	h-index	g-index

29	29	29	248
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Usefulness of Drone Imagery and Remote Sensing Methods for Monitoring Turfgrass Irrigation. Advances in Intelligent Systems and Computing, 2022, , 913-923.	0.5	3
2	Remote sensing devices as key methods in the advanced turfgrass phenotyping under different water regimes. Agricultural Water Management, 2022, 266, 107581.	2.4	15
3	Methodology to Differentiate Legume Species in Intercropping Agroecosystems Based on UAV with RGB Camera. Electronics (Switzerland), 2022, 11, 609.	1.8	3
4	Deployment and Assessment of a LoRa Sensor Network in Camelina [Camelina sativa (L.) Crantz] Culture. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 221-230.	0.2	0
5	Correlation of NDVI with RGB Data to Evaluate the Effects of Solar Exposure on Different Combinations of Ornamental Grass Used in Lawns. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 207-220.	0.2	0
6	Evaluating the Effects of Environmental Conditions on Sensed Parameters for Green Areas Monitoring and Smart Irrigation Systems. Sensors, 2021, 21, 2255.	2.1	1
7	Deployment Strategies of Soil Monitoring WSN for Precision Agriculture Irrigation Scheduling in Rural Areas. Sensors, 2021, 21, 1693.	2.1	55
8	A Rhizogenic Biostimulant Effect on Soil Fertility and Roots Growth of Turfgrass. Agronomy, 2021, 11, 573.	1.3	13
9	New Protocol and Architecture for a Wastewater Treatment System Intended for Irrigation. Applied Sciences (Switzerland), 2021, 11, 3648.	1.3	5
10	The influence of tree management practices on phenological growth stages of <scp>Ulmus pumila</scp> L. (Siberian elm). Annals of Applied Biology, 2021, 179, 259-272.	1.3	2
11	Drone RGB Images as a Reliable Information Source to Determine Legumes Establishment Success. Drones, 2021, 5, 79.	2.7	6
12	Design and Calibration of Moisture Sensor Based on Electromagnetic Field Measurement for Irrigation Monitoring. Chemosensors, 2021, 9, 251.	1.8	3
13	The Combined Use of Remote Sensing and Wireless Sensor Network to Estimate Soil Moisture in Golf Course. Applied Sciences (Switzerland), 2021, 11, 11769.	1.3	5
14	Edge detection for weed recognition in lawns. Computers and Electronics in Agriculture, 2020, 176, 105684.	3.7	22
15	New Sensor Based on Magnetic Fields for Monitoring the Concentration of Organic Fertilisers in Fertigation Systems. Applied Sciences (Switzerland), 2020, 10, 7222.	1.3	4
16	DronAway: A Proposal on the Use of Remote Sensing Drones as Mobile Gateway for WSN in Precision Agriculture. Applied Sciences (Switzerland), 2020, 10, 6668.	1.3	16
17	Fertigation of Arundo donax L. with different nitrogen rates for biomass production. Biomass and Bioenergy, 2020, 133, 105451.	2.9	13
18	RGB Vegetation Indices, NDVI, and Biomass as Indicators to Evaluate C3 and C4 Turfgrass under Different Water Conditions. Sustainability, 2020, 12, 2160.	1.6	21

#	Article	IF	Citations
19	Low-cost Soil Moisture Sensors Based on Inductive Coils Tested on Different Sorts of Soils. , 2019, , .		5
20	Scatternet Formation Protocol for Environmental Monitoring in a Smart Garden. Network Protocols and Algorithms, 2019, 10, 63.	1.0	3
21	Effect of water regime change in a mature Arundo donax crop under a Xeric Mediterranean climate. Biomass and Bioenergy, 2018, 115, 203-209.	2.9	8
22	Urban Lawn Monitoring in Smart City Environments. Journal of Sensors, 2018, 2018, 1-16.	0.6	17
23	The ability of the Arundo donax crop to compete with weeds in central Spain over two growing cycles. Industrial Crops and Products, 2017, 108, 86-94.	2.5	7
24	Autonomous WSN for Lawns Monitoring in Smart Cities. , 2017, , .		4
25	Growing a population of cultivated cardoon (Cynara cardunculus var. altilis DC) for further selection as a reference energy crop. Acta Horticulturae, 2016, , 217-222.	0.1	0
26	Effect of plant density on biomass yield of Cynara cardunculus. Acta Horticulturae, 2016, , 385-392.	0.1	3
27	Somatic embryogenesis of holm oak (Quercus ilex L.): ethylene production and polyamine content. Acta Physiologiae Plantarum, 2011, 33, 717-723.	1.0	20
28	A content distribution network deployment over WLANs for fire detection in rural environments. , 2008, , .		4
29	Effect of abscisic acid and stratification on somatic embryo maturation and germination of holm oak (Quercus ilex L.). In Vitro Cellular and Developmental Biology - Plant, 2004, 40, 495-498.	0.9	37