P V Mauri

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8511015/publications.pdf

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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	Deployment Strategies of Soil Monitoring WSN for Precision Agriculture Irrigation Scheduling in Rural Areas. Sensors, 2021, 21, 1693.	2.1	55
2	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
3	Edge detection for weed recognition in lawns. Computers and Electronics in Agriculture, 2020, 176, 105684.	3.7	22
4	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
5	Somatic embryogenesis of holm oak (Quercus ilex L.): ethylene production and polyamine content. Acta Physiologiae Plantarum, 2011, 33, 717-723.	1.0	20
6	Urban Lawn Monitoring in Smart City Environments. Journal of Sensors, 2018, 2018, 1-16.	0.6	17
7	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
8	Remote sensing devices as key methods in the advanced turfgrass phenotyping under different water regimes. Agricultural Water Management, 2022, 266, 107581.	2.4	15
9	Fertigation of Arundo donax L. with different nitrogen rates for biomass production. Biomass and Bioenergy, 2020, 133, 105451.	2.9	13
10	A Rhizogenic Biostimulant Effect on Soil Fertility and Roots Growth of Turfgrass. Agronomy, 2021, 11, 573.	1.3	13
11	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
12	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
13	Drone RGB Images as a Reliable Information Source to Determine Legumes Establishment Success. Drones, 2021, 5, 79.	2.7	6
14	Low-cost Soil Moisture Sensors Based on Inductive Coils Tested on Different Sorts of Soils. , 2019, , .		5
15	New Protocol and Architecture for a Wastewater Treatment System Intended for Irrigation. Applied Sciences (Switzerland), 2021, 11, 3648.	1.3	5
16	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
17	A content distribution network deployment over WLANs for fire detection in rural environments. , 2008, , .		4
18	Autonomous WSN for Lawns Monitoring in Smart Cities. , 2017, , .		4

#	Article	IF	Citations
19	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
20	Effect of plant density on biomass yield of Cynara cardunculus. Acta Horticulturae, 2016, , 385-392.	0.1	3
21	Scatternet Formation Protocol for Environmental Monitoring in a Smart Garden. Network Protocols and Algorithms, 2019, 10, 63.	1.0	3
22	Design and Calibration of Moisture Sensor Based on Electromagnetic Field Measurement for Irrigation Monitoring. Chemosensors, 2021, 9, 251.	1.8	3
23	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
24	Methodology to Differentiate Legume Species in Intercropping Agroecosystems Based on UAV with RGB Camera. Electronics (Switzerland), 2022, 11, 609.	1.8	3
25	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
26	Evaluating the Effects of Environmental Conditions on Sensed Parameters for Green Areas Monitoring and Smart Irrigation Systems. Sensors, 2021, 21, 2255.	2.1	1
27	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
28	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
29	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