Yusuf Hendrawan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11965367/publications.pdf

Version: 2024-02-01

13 papers	137 citations	1478505 6 h-index	1372567 10 g-index
13 all docs	13 docs citations	13 times ranked	99 citing authors

#	Article	IF	Citations
1	The Prediction of Chlorophyll Content in African Leaves (Vernonia amygdalina Del.) Using Flatbed Scanner and Optimised Artificial Neural Network. Pertanika Journal of Science and Technology, 2021, 29, .	0.6	4
2	Intelligent Precision Nitrogen Fertilizer Application Based on Speaking Plant Approach for Environmental Sustainability. IOP Conference Series: Earth and Environmental Science, 2019, 239, 012027.	0.3	1
3	Applications of Intelligent Machine Vision in Plant Factory. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 8122-8127.	0.4	4
4	Development of Intelligent Irrigation System, Robot Transporter, and Precision Artificial Lighting System for Moss Mat Production in a Fully Controlled Plant Factory. , 2012, , .		0
5	Traveling Waves of Circadian Gene Expression in Lettuce. Environmental Control in Biology, 2012, 50, 237-246.	0.7	17
6	Determining an ANN pre-treatment algorithm to predict water content of moss using RGB intensities. Engineering in Agriculture, Environment and Food, 2011, 4, 95-105.	0.5	4
7	Neural-Discrete Hungry Roach Infestation Optimization to Select Informative Textural Features for Determining Water Content of Cultured Sunagoke Moss. Environmental Control in Biology, 2011, 49, 1-21.	0.7	7
8	Development of Micro Precision Irrigation System in Plant Factory. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 610-615.	0.4	0
9	Neural-Intelligent Water Drops algorithm to select relevant textural features for developing precision irrigation system using machine vision. Computers and Electronics in Agriculture, 2011, 77, 214-228.	7.7	61
10	Bio-inspired feature selection to select informative image features for determining water content of cultured Sunagoke moss. Expert Systems With Applications, 2011, , .	7.6	13
11	Sunagoke Moss Water Content Sensing Using Machine Vision-Texture Analysis and Bio-inspired Algorithms-. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2010, 43, 268-273.	0.4	0
12	Neural-Genetic Algorithm as Feature Selection Technique for Determining Sunagoke Moss Water Content. Engineering in Agriculture, Environment and Food, 2010, 3, 25-31.	0.5	10
13	Precision Irrigation for Sunagoke Moss Production using Intelligent Image Analysis. Environmental Control in Biology, 2009, 47, 21-36.	0.7	16