

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