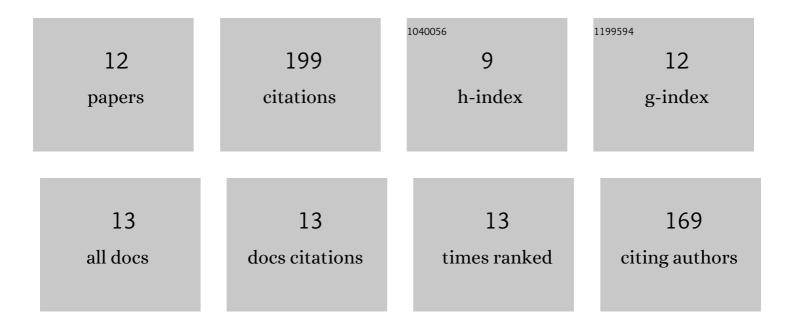
Taewon Moon

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3158479/publications.pdf Version: 2024-02-01



| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Evaluation of the light profile and carbon assimilation of tomato plants in greenhouses with respect to film diffuseness and regional solar radiation using ray-tracing simulation. Agricultural and Forest Meteorology, 2021, 296, 108219. | 4.8 | 19 |
| 2 | Accurate Imputation of Greenhouse Environment Data for Data Integrity Utilizing Two-Dimensional Convolutional Neural Networks. Sensors, 2021, 21, 2187. | 3.8 | 9 |
| 3 | Knowledge transfer for adapting pre-trained deep neural models to predict different greenhouse environments based on a low quantity of data. Computers and Electronics in Agriculture, 2021, 185, 106136. | 7.7 | 13 |
| 4 | Development of Growth Estimation Algorithms for Hydroponic Bell Peppers Using Recurrent Neural Networks. Horticulturae, 2021, 7, 284. | 2.8 | 4 |
| 5 | Prediction of the fruit development stage of sweet pepper (Capsicum annum var. annuum) by an ensemble model of convolutional and multilayer perceptron. Biosystems Engineering, 2021, 210, 171-180. | 4.3 | 12 |
| 6 | Estimating the leaf area index of bell peppers according to growth stage using ray-tracing simulation and a long short-term memory algorithm. Horticulture Environment and Biotechnology, 2020, 61, 255-265. | 2.1 | 11 |
| 7 | Estimation of Sweet Pepper Crop Fresh Weight with Convolutional Neural Network. Protected Horticulture and Plant Factory, 2020, 29, 381-387. | 0.4 | 4 |
| 8 | Interpolation of greenhouse environment data using multilayer perceptron. Computers and Electronics in Agriculture, 2019, 166, 105023. | 7.7 | 42 |
| 9 | Estimating transpiration rates of hydroponically-grown paprika via an artificial neural network using aerial and root-zone environments and growth factors in greenhouses. Horticulture Environment and Biotechnology, 2019, 60, 913-923. | 2.1 | 19 |
| 10 | Long short-term memory for a model-free estimation of macronutrient ion concentrations of root-zone in closed-loop soilless cultures. Plant Methods, 2019, 15, 59. | 4.3 | 25 |
| 11 | Prediction of Air Temperature and Relative Humidity in Greenhouse via a Multilayer Perceptron Using Environmental Factors. Protected Horticulture and Plant Factory, 2019, 28, 95-103. | 0.4 | 19 |
| 12 | Forecasting Root-Zone Electrical Conductivity of Nutrient Solutions in Closed-Loop Soilless Cultures via a Recurrent Neural Network Using Environmental and Cultivation Information. Frontiers in Plant Science, 2018, 9, 859. | 3.6 | 22 |