

Joon Woo Lee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12015621/publications.pdf>

Version: 2024-02-01

10
papers

134
citations

1307594

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1372567

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11
docs citations

11
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88
citing authors

#	ARTICLE	IF	CITATIONS
1	Sweet Pepper (<i>Capsicum annuum</i> L.) Canopy Photosynthesis Modeling Using 3D Plant Architecture and Light Ray-Tracing. <i>Frontiers in Plant Science</i> , 2016, 7, 1321.	3.6	44
2	Estimation of Whole Plant Photosynthetic Rate of Irwin Mango under Artificial and Natural Lights Using a Three-Dimensional Plant Model and Ray-Tracing. <i>International Journal of Molecular Sciences</i> , 2018, 19, 152.	4.1	23
3	Estimating transpiration rates of hydroponically-grown paprika via an artificial neural network using aerial and root-zone environments and growth factors in greenhouses. <i>Horticulture Environment and Biotechnology</i> , 2019, 60, 913-923.	2.1	19
4	Estimating the leaf area index of bell peppers according to growth stage using ray-tracing simulation and a long short-term memory algorithm. <i>Horticulture Environment and Biotechnology</i> , 2020, 61, 255-265.	2.1	11
5	Spectral dependence of electrical energy-based photosynthetic efficiency at single leaf and canopy levels in green- and red-leaf lettuces. <i>Horticulture Environment and Biotechnology</i> , 2017, 58, 111-118.	2.1	10
6	Accurate Imputation of Greenhouse Environment Data for Data Integrity Utilizing Two-Dimensional Convolutional Neural Networks. <i>Sensors</i> , 2021, 21, 2187.	3.8	9
7	Nondestructive and Continuous Fresh Weight Measurements of Bell Peppers Grown in Soilless Culture Systems. <i>Agronomy</i> , 2019, 9, 652.	3.0	7
8	Effects of seasonal light variation and artificial light treatments on growth and flavonoid production of <i>Artemisia princeps</i> cultivated in greenhouses. <i>Horticulture Environment and Biotechnology</i> , 2021, 62, 253-261.	2.1	4
9	Comparing Photosynthesis, Growth, and Yield of Paprika (<i>Capsicum annuum</i> L. "Cupra"™) under Supplemental Sulfur Plasma and High-Pressure Sodium Lamps in Growth Chambers and Greenhouses. <i>Protected Horticulture and Plant Factory</i> , 2018, 27, 332-340.	0.4	4
10	Transpiration Prediction of Sweet Peppers Hydroponically-grown in Soilless Culture via Artificial Neural Network Using Environmental Factors in Greenhouse. <i>Protected Horticulture and Plant Factory</i> , 2017, 26, 411-417.	0.4	3