

Jong Hwa Shin

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

166
citations

1478505

6
h-index

1125743

13
g-index

16
all docs

16
docs citations

16
times ranked

89
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	Estimating the actual transpiration rate with compensated levels of accumulated radiation for the efficient irrigation of soilless cultures of paprika plants. <i>Agricultural Water Management</i> , 2014, 135, 9-18.	5.6	34
3	Modeling of transpiration of paprika (<i>Capsicum annuum</i> L.) plants based on radiation and leaf area index in soilless culture. <i>Horticulture Environment and Biotechnology</i> , 2011, 52, 265-269.	2.1	24
4	Effect of leaf-area management on tomato plant growth in greenhouses. <i>Horticulture Environment and Biotechnology</i> , 2020, 61, 981-988.	2.1	16
5	Development of a transpiration model for precise tomato (<i>Solanum lycopersicum</i> L.) irrigation control under various environmental conditions in greenhouse. <i>Plant Physiology and Biochemistry</i> , 2021, 162, 388-394.	5.8	8
6	Development of A Two-Variable Spatial Leaf Photosynthetic Model of Irwin Mango Grown in Greenhouse. <i>Protected Horticulture and Plant Factory</i> , 2015, 24, 161-166.	0.4	7
7	Analysis of the changes in medium moisture content according to a crop irrigation strategy and the medium properties for precise moisture content control in rock wool. <i>Horticulture Environment and Biotechnology</i> , 2019, 60, 337-343.	2.1	6
8	Development of a transpiration model for precise irrigation control in tomato cultivation. <i>Scientia Horticulturae</i> , 2020, 267, 109358.	3.6	6
9	Comparisons of Water Behavior and Moisture Content between Rockwools and Coir used in Soilless Culture. <i>Protected Horticulture and Plant Factory</i> , 2015, 24, 39-44.	0.4	5
10	Theoretical and Experimental Analyses of Nutrient Control in Electrical Conductivity-Based Nutrient Recycling Soilless Culture System. <i>Frontiers in Plant Science</i> , 2021, 12, 656403.	3.6	4
11	Irrigation Criteria based on Estimated Transpiration and Seasonal Light Environmental Condition for Greenhouse Cultivation of Paprika. <i>Protected Horticulture and Plant Factory</i> , 2015, 24, 1-7.	0.4	4
12	Effect of root-zone heating using positive temperature coefficient film on growth and quality of strawberry (<i>Fragaria x ananassa</i>) in greenhouses. <i>Horticulture Environment and Biotechnology</i> , 2022, 63, 89-100.	2.1	4
13	Comparison of Rockwool, Reused Rockwool and Coir Medium on Tomato (<i>Solanum lycopersicum</i>) Growth, Fruit Quality and Productivity in Greenhouse Soilless Culture. <i>Saengmul Hwan'gyeong Jo'jeol Haghojeji</i> , 2021, 30, 175-182.	0.8	3
14	Analysis of Year-round Cultivation Characteristics of <i>Artemisia princeps</i> in Greenhouse and Enhancement of Eupathilin Content by Environmental Stress. <i>Protected Horticulture and Plant Factory</i> , 2018, 27, 94-101.	0.4	1
15	Development of Potassium Concentration of Nutrient and Supply Method for Low Potassium Lettuce Production in a Closed-type Plant Factory System. <i>Protected Horticulture and Plant Factory</i> , 2018, 27, 40-45.	0.4	0
16	Comparison of Dried Hot Pepper Quality and Production Efficiency by Drying Methods. <i>Protected Horticulture and Plant Factory</i> , 2018, 27, 356-362.	0.4	0