Jun-Gu Lee

List of Publications by Year
in descending order

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32 papers	612 citations	759233 12 h-index	610901 24 g-index
32 all docs	32 docs citations	32 times ranked	710 citing authors

#	Article	IF	Citations
1	Morphological and Biochemical Variation in Carrot Genetic Resources Grown under Open Field Conditions: The Selection of Functional Genotypes for a Breeding Program. Agronomy, 2022, 12, 553.	3.0	8
2	Selection of broccoli (Brassica oleracea var. italica) on composition and content of glucosinolates and hydrolysates. Scientia Horticulturae, 2022, 298, 110984.	3.6	10
3	The Influence of Red and Blue Light Ratios on Growth Performance, Secondary Metabolites, and Antioxidant Activities of Centella asiatica (L.) Urban. Horticulturae, 2022, 8, 601.	2.8	5
4	Abscisic acid, carbohydrate, and Glucosinolate metabolite profiles in Kimchi cabbage treated with extremely high temperatures and chitosan foliar application. Scientia Horticulturae, 2022, 304, 111311.	3.6	7
5	Seasonal variation in agronomic characteristics and sugar content of cabbage genotypes. Chilean Journal of Agricultural Research, 2021, 81, 80-91.	1.1	7
6	Improving Growth and Yield in Cherry Tomato by Using Rootstocks. Saengmul Hwan'gyeong Jo'jeol Haghoeji, 2021, 30, 196-205.	0.8	2
7	Effect of Drought Stress on Chlorophyll Fluorescence Parameters, Phytochemical Contents, and Antioxidant Activities in Lettuce Seedlings. Horticulturae, 2021, 7, 238.	2.8	55
8	The BrGI Circadian Clock Gene Is Involved in the Regulation of Glucosinolates in Chinese Cabbage. Genes, 2021, 12, 1664.	2.4	4
9	Monitoring of Salinity, Temperature, and Drought Stress in Grafted Watermelon Seedlings Using Chlorophyll Fluorescence. Frontiers in Plant Science, 2021, 12, 786309.	3.6	21
10	Investigation of the Maturity Changes of Cherry Tomato Using Magnetic Resonance Imaging. Applied Sciences (Switzerland), 2020, 10, 5188.	2.5	7
11	Response to Salt Stress in Lettuce: Changes in Chlorophyll Fluorescence Parameters, Phytochemical Contents, and Antioxidant Activities. Agronomy, 2020, 10, 1627.	3.0	67
12	Profiling of Individual Desulfo-Glucosinolate Content in Cabbage Head (Brassica oleracea var.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302	3.8	19
13	Evaluation of chlorophyll fluorescence parameters and proline content in tomato seedlings grown under different salt stress conditions. Horticulture Environment and Biotechnology, 2020, 61, 433-443.	2.1	34
14	Determination of Optimal Collecting Date and Exogenous Auxin Dipping Treatments in Cutting Transplants of â€˜Seolhyangâ€™ Strawberry(Fragaria Ã— ananassa Duch.). Protected Horticulture and Plant Factory, 2020, 29, 252-258.	0.4	2
15	Changes of Growth and Yield by using Rootstocks in Tomato. Protected Horticulture and Plant Factory, 2020, 29, 456-463.	0.4	3
16	Application of maximum quantum yield, a parameter of chlorophyll fluorescence, for early determination of bacterial wilt in tomato seedlings. Horticulture Environment and Biotechnology, 2019, 60, 821-829.	2.1	10
17	Glucosinolate variability between turnip organs during development. PLoS ONE, 2019, 14, e0217862.	2.5	8
18	Optimization of temperature and light, and cultivar selection for the production of high-quality head lettuce in a closed-type plant factory. Horticulture Environment and Biotechnology, 2019, 60, 207-216.	2.1	16

#	Article	IF	Citations
19	Molecular Characterization and Expression Analysis of MYB Transcription Factors Involved in the Glucosinolate Pathway in Chinese Cabbage (Brassica rapa ssp. pekinensis). Agronomy, 2019, 9, 807.	3.0	4
20	Analysis of Bacterial Wilt Symptoms using Micro Sap Flow Sensor in Tomatoes. Protected Horticulture and Plant Factory, 2019, 28, 212-217.	0.4	1
21	Application of Chlorophyll Fluorescence Parameters for the Detection of Water Stress Ranges in Grafted Watermelon Seedlings. Protected Horticulture and Plant Factory, 2019, 28, 461-470.	0.4	2
22	Rapid monitoring of proline accumulation in paprika leaf sap relative to leaf position and water stress. Horticulture Environment and Biotechnology, 2018, 59, 483-489.	2.1	2
23	A Rice B-Box Protein, OsBBX14, Finely Regulates Anthocyanin Biosynthesis in Rice. International Journal of Molecular Sciences, 2018, 19, 2190.	4.1	26
24	Evaluation of Individual Glucosinolates, Phytochemical Contents, and Antioxidant Activities under Various Red to Far-Red Light Ratios in Three Brassica Sprouts. Protected Horticulture and Plant Factory, 2018, 27, 415-423.	0.4	1
25	Ripening-Dependent Changes in Antioxidants, Color Attributes, and Antioxidant Activity of Seven Tomato (Solanum lycopersicumL.) Cultivars. Journal of Analytical Methods in Chemistry, 2016, 2016, 1-13.	1.6	41
26	Comparative analysis of individual glucosinolates, phytochemicals, and antioxidant activities in broccoli breeding lines. Horticulture Environment and Biotechnology, 2016, 57, 392-403.	2.1	12
27	Genotypic variation in carotenoid, ascorbic acid, total phenolic, and flavonoid contents, and antioxidant activity in selected tomato breeding lines. Horticulture Environment and Biotechnology, 2016, 57, 440-452.	2.1	24
28	Estimation of Leaf Area, Leaf Fresh Weight, and Leaf Dry Weight of Irwin Mango Grown in Greenhouse using Leaf Length, Leaf Width, Petiole Length, and SPAD Value. Protected Horticulture and Plant Factory, 2016, 25, 146-152.	0.4	6
29	Comparison of Glucosinolate Profiles in Different Tissues of Nine Brassica Crops. Molecules, 2015, 20, 15827-15841.	3.8	135
30	Effect of LED mixed light conditions on the glucosinolate pathway in brassica rapa. Journal of Plant Biotechnology, 2015, 42, 245-256.	0.4	11
31	Evaluation of Glucosinolate Variation in a Collection of Turnip (Brassica rapa) Germplasm by the Analysis of Intact and Desulfo Glucosinolates. Journal of Agricultural and Food Chemistry, 2013, 61, 3984-3993.	5.2	54
32	Variation of Glucosinolate Contents among Domestic Broccoli (Brassica oleracea L. var. italica) Accessions. Horticultural Science and Technology, 2012, 30, 743-750.	0.6	8