

# 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

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all docs

32  
docs citations

32  
times ranked

710  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of Glucosinolate Profiles in Different Tissues of Nine Brassica Crops. <i>Molecules</i> , 2015, 20, 15827-15841.	3.8	135
2	Response to Salt Stress in Lettuce: Changes in Chlorophyll Fluorescence Parameters, Phytochemical Contents, and Antioxidant Activities. <i>Agronomy</i> , 2020, 10, 1627.	3.0	67
3	Effect of Drought Stress on Chlorophyll Fluorescence Parameters, Phytochemical Contents, and Antioxidant Activities in Lettuce Seedlings. <i>Horticulturae</i> , 2021, 7, 238.	2.8	55
4	Evaluation of Glucosinolate Variation in a Collection of Turnip ( <i>Brassica rapa</i> ) Germplasm by the Analysis of Intact and Desulfo Glucosinolates. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 3984-3993.	5.2	54
5	Ripening-Dependent Changes in Antioxidants, Color Attributes, and Antioxidant Activity of Seven Tomato ( <i>Solanum lycopersicum</i> L.) Cultivars. <i>Journal of Analytical Methods in Chemistry</i> , 2016, 1-13.	1.6	41
6	Evaluation of chlorophyll fluorescence parameters and proline content in tomato seedlings grown under different salt stress conditions. <i>Horticulture Environment and Biotechnology</i> , 2020, 61, 433-443.	2.1	34
7	A Rice B-Box Protein, OsBBX14, Finely Regulates Anthocyanin Biosynthesis in Rice. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2190.	4.1	26
8	Genotypic variation in carotenoid, ascorbic acid, total phenolic, and flavonoid contents, and antioxidant activity in selected tomato breeding lines. <i>Horticulture Environment and Biotechnology</i> , 2016, 57, 440-452.	2.1	24
9	Monitoring of Salinity, Temperature, and Drought Stress in Grafted Watermelon Seedlings Using Chlorophyll Fluorescence. <i>Frontiers in Plant Science</i> , 2021, 12, 786309.	3.6	21
10	Profiling of Individual Desulfo-Glucosinolate Content in Cabbage Head ( <i>Brassica oleracea</i> var.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	3.8	19
11	Optimization of temperature and light, and cultivar selection for the production of high-quality head lettuce in a closed-type plant factory. <i>Horticulture Environment and Biotechnology</i> , 2019, 60, 207-216.	2.1	16
12	Comparative analysis of individual glucosinolates, phytochemicals, and antioxidant activities in broccoli breeding lines. <i>Horticulture Environment and Biotechnology</i> , 2016, 57, 392-403.	2.1	12
13	Effect of LED mixed light conditions on the glucosinolate pathway in <i>brassica rapa</i> . <i>Journal of Plant Biotechnology</i> , 2015, 42, 245-256.	0.4	11
14	Application of maximum quantum yield, a parameter of chlorophyll fluorescence, for early determination of bacterial wilt in tomato seedlings. <i>Horticulture Environment and Biotechnology</i> , 2019, 60, 821-829.	2.1	10
15	Selection of broccoli ( <i>Brassica oleracea</i> var. <i>italica</i> ) on composition and content of glucosinolates and hydrolysates. <i>Scientia Horticulturae</i> , 2022, 298, 110984.	3.6	10
16	Glucosinolate variability between turnip organs during development. <i>PLoS ONE</i> , 2019, 14, e0217862.	2.5	8
17	Variation of Glucosinolate Contents among Domestic Broccoli ( <i>Brassica oleracea</i> L. var. <i>italica</i> ) Accessions. <i>Horticultural Science and Technology</i> , 2012, 30, 743-750.	0.6	8
18	Morphological and Biochemical Variation in Carrot Genetic Resources Grown under Open Field Conditions: The Selection of Functional Genotypes for a Breeding Program. <i>Agronomy</i> , 2022, 12, 553.	3.0	8

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19	Investigation of the Maturity Changes of Cherry Tomato Using Magnetic Resonance Imaging. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5188.	2.5	7
20	Seasonal variation in agronomic characteristics and sugar content of cabbage genotypes. <i>Chilean Journal of Agricultural Research</i> , 2021, 81, 80-91.	1.1	7
21	Abscisic acid, carbohydrate, and Glucosinolate metabolite profiles in Kimchi cabbage treated with extremely high temperatures and chitosan foliar application. <i>Scientia Horticulturae</i> , 2022, 304, 111311.	3.6	7
22	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. <i>Protected Horticulture and Plant Factory</i> , 2016, 25, 146-152.	0.4	6
23	The Influence of Red and Blue Light Ratios on Growth Performance, Secondary Metabolites, and Antioxidant Activities of <i>Centella asiatica</i> (L.) Urban. <i>Horticulturae</i> , 2022, 8, 601.	2.8	5
24	Molecular Characterization and Expression Analysis of MYB Transcription Factors Involved in the Glucosinolate Pathway in Chinese Cabbage ( <i>Brassica rapa</i> ssp. <i>pekinensis</i> ). <i>Agronomy</i> , 2019, 9, 807.	3.0	4
25	The BrGI Circadian Clock Gene Is Involved in the Regulation of Glucosinolates in Chinese Cabbage. <i>Genes</i> , 2021, 12, 1664.	2.4	4
26	Changes of Growth and Yield by using Rootstocks in Tomato. <i>Protected Horticulture and Plant Factory</i> , 2020, 29, 456-463.	0.4	3
27	Rapid monitoring of proline accumulation in paprika leaf sap relative to leaf position and water stress. <i>Horticulture Environment and Biotechnology</i> , 2018, 59, 483-489.	2.1	2
28	Improving Growth and Yield in Cherry Tomato by Using Rootstocks. <i>Saengmul Hwan'gyeong Jo'jeol Haghoeji</i> , 2021, 30, 196-205.	0.8	2
29	Application of Chlorophyll Fluorescence Parameters for the Detection of Water Stress Ranges in Grafted Watermelon Seedlings. <i>Protected Horticulture and Plant Factory</i> , 2019, 28, 461-470.	0.4	2
30	Determination of Optimal Collecting Date and Exogenous Auxin Dipping Treatments in Cutting Transplants of "Seolhyang"™ Strawberry ( <i>Fragaria × ananassa</i> Duch.). <i>Protected Horticulture and Plant Factory</i> , 2020, 29, 252-258.	0.4	2
31	Evaluation of Individual Glucosinolates, Phytochemical Contents, and Antioxidant Activities under Various Red to Far-Red Light Ratios in Three Brassica Sprouts. <i>Protected Horticulture and Plant Factory</i> , 2018, 27, 415-423.	0.4	1
32	Analysis of Bacterial Wilt Symptoms using Micro Sap Flow Sensor in Tomatoes. <i>Protected Horticulture and Plant Factory</i> , 2019, 28, 212-217.	0.4	1