Yong-Suk Chung

List of Publications by Year in descending order

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38 papers	503 citations	933264 10 h-index	20 g-index
39	39	39	486
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Impact of copper treatment on phenylpropanoid biosynthesis in adventitious root culture of <i>Althaea officinalis</i> L Preparative Biochemistry and Biotechnology, 2022, 52, 283-291.	1.0	5
2	Potential Use of Colored LED Lights to Increase the Production of Bioactive Metabolites Hedyotis corymbosa (L.) Lam. Plants, 2022, 11, 225.	1.6	4
3	The effect of gamma-irradiation on the changes of photosynthetic efficiency in Kanpei (Citrus) Tj ETQq $1\ 1\ 0.7843$	14 rgBT / 0.9	Overlock 101
4	Monitoring Temperature Variation in Rising Small Defunct Volcano on Jeju Island, Republic of Korea, Using High-Resolution Sentinel-2 Images. Atmosphere, 2022, 13, 576.	1.0	1
5	SPAD: potential phenotyping method for characterization of blueberry. Molecular Biology Reports, 2022, , .	1.0	2
6	Germplasm evaluation of Kenaf (Hibiscus cannabinus) for alternative biomass for cellulosic ethanol production. GCB Bioenergy, 2021, 13, 201-210.	2.5	7
7	A short review: Comparisons of high-throughput phenotyping methods for detecting drought tolerance. Scientia Agricola, 2021, 78, .	0.6	10
8	Rapid real-time detection method of ACLSV and ASSVd for apple quarantine field. Plant Biotechnology Reports, 2021, 15, 187-195.	0.9	1
9	The Effect of Different Drying Methods on Primary and Secondary Metabolites in Korean Mint Flower. Agronomy, 2021, 11, 698.	1.3	13
10	Silicon Effects on the Root System of Diverse Crop Species Using Root Phenotyping Technology. Plants, 2021, 10, 885.	1.6	14
11	Impact of Betaine Under Salinity on Accumulation of Phenolic Compounds in Safflower (<i>Carthamus tinctorius</i> L.) Sprouts. Natural Product Communications, 2021, 16, 1934578X2110150.	0.2	0
12	Resveratrol Biosynthesis in Hairy Root Cultures of Tan and Purple Seed Coat Peanuts. Agronomy, 2021, 11, 975.	1,3	2
13	Plant Variety Protection: Current Practices and Insights. Genes, 2021, 12, 1127.	1.0	18
14	What Traits Should Be Measured for Biomass in Kenaf?. Plants, 2021, 10, 1394.	1.6	3
15	RGB images-based vegetative index for phenotyping kenaf (Hibiscus cannabinus L.). PLoS ONE, 2021, 16, e0256978.	1.1	4
16	l-Lactic Acid Production Using Engineered Saccharomyces cerevisiae with Improved Organic Acid Tolerance. Journal of Fungi (Basel, Switzerland), 2021, 7, 928.	1.5	15
17	Investigation of Root Morphological Traits Using 2D-Imaging among Diverse Soybeans (Glycine max L.). Plants, 2021, 10, 2535.	1.6	3
18	High Throughput Phenotyping for Various Traits on Soybean Seeds Using Image Analysis. Sensors, 2020, 20, 248.	2.1	37

#	Article	IF	Citations
19	Comparison of Various Kinds of Vegetative Indices for Chlorophyll Contents Using Low-Resolution Camera. Journal of Crop Science and Biotechnology, 2020, 23, 73-79.	0.7	O
20	Betaine Hydrochloride Treatment Affects Growth and Phenylpropanoid Accumulation in Tartary Buckwheat (Fagopyrum tataricum) Seedlings under Salt Stress. Agronomy, 2020, 10, 906.	1.3	3
21	Prediction of Dhurrin Metabolism by Transcriptome and Metabolome Analyses in Sorghum. Plants, 2020, 9, 1390.	1.6	5
22	Image-Based Machine Learning Characterizes Root Nodule in Soybean Exposed to Silicon. Frontiers in Plant Science, 2020, 11, 520161.	1.7	19
23	Treatment with silicon fertilizer induces changes in root morphological traits in soybean (Glycine) Tj ETQq1 1 0.78	4314 rgBT 0.7	∫ _{4Overlock
24	Root Response to Drought Stress in Rice (Oryza sativa L.). International Journal of Molecular Sciences, 2020, 21, 1513.	1.8	157
25	Review: Cost-Effective Unmanned Aerial Vehicle (UAV) Platform for Field Plant Breeding Application. Remote Sensing, 2020, 12, 998.	1.8	59
26	High-resolution melting (HRM) analysis with SNP or SSR markers related to apple skin color or rootstock identification. Journal of Crop Science and Biotechnology, 2020, 23, 229-234.	0.7	2
27	Effect of Roasting and Brewing on the Antioxidant and Antiproliferative Activities of Tartary Buckwheat. Foods, 2020, 9, 1331.	1.9	6
28	Validation of MADS-box genes from apple fruit pedicels during early fruit abscission by transcriptome analysis and real-time PCR. Genes and Genomics, 2019, 41, 1241-1251.	0.5	4
29	Sustainable Agriculture by Increasing Nitrogen Fertilizer Efficiency Using Low-Resolution Camera Mounted on Unmanned Aerial Vehicles. International Journal of Environmental Research and Public Health, 2019, 16, 3893.	1.2	3
30	New Parameters for Seedling Vigor Developed via Phenomics. Applied Sciences (Switzerland), 2019, 9, 1752.	1.3	3
31	Influence of Chitosan, Salicylic Acid and Jasmonic Acid on Phenylpropanoid Accumulation in Germinated Buckwheat (Fagopyrum esculentum Moench). Foods, 2019, 8, 153.	1.9	37
32	High-resolution melting analysis for identification of apple cultivars using simple sequence repeat markers. Plant Biotechnology Reports, 2019, 13, 337-344.	0.9	3
33	Image Analysis for Measuring Disease Symptom to Bacterial Soft Rot in Potato. American Journal of Potato Research, 2019, 96, 303-313.	0.5	5
34	New source of bacterial soft rot resistance in wild potato (Solanum chacoense) tubers. Genetic Resources and Crop Evolution, 2017, 64, 1963-1969.	0.8	14
35	Case study: Estimation of sorghum biomass using digital image analysis with Canopeo. Biomass and Bioenergy, 2017, 105, 207-210.	2.9	31
36	A short review of RGB sensor applications for accessible high-throughput phenotyping. Journal of Crop Science and Biotechnology, 0 , 1 .	0.7	2

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37	Case study: cost-effective image analysis method to study drought stress of soybean in early vegetative stage. Journal of Crop Science and Biotechnology, $0, 1$.	0.7	2
38	Radiation treatment to turfgrass cultivar to improve drought tolerance cultivar breeding. Plant Biotechnology Reports, 0, , .	0.9	0