

Yong-Suk Chung

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

503
citations

933264

10
h-index

752573

20
g-index

39
all docs

39
docs citations

39
times ranked

486
citing authors

#	ARTICLE	IF	CITATIONS
19	Comparison of Various Kinds of Vegetative Indices for Chlorophyll Contents Using Low-Resolution Camera. <i>Journal of Crop Science and Biotechnology</i> , 2020, 23, 73-79.	0.7	0
20	Betaine Hydrochloride Treatment Affects Growth and Phenylpropanoid Accumulation in Tartary Buckwheat (<i>Fagopyrum tataricum</i>) Seedlings under Salt Stress. <i>Agronomy</i> , 2020, 10, 906.	1.3	3
21	Prediction of Dhurrin Metabolism by Transcriptome and Metabolome Analyses in Sorghum. <i>Plants</i> , 2020, 9, 1390.	1.6	5
22	Image-Based Machine Learning Characterizes Root Nodule in Soybean Exposed to Silicon. <i>Frontiers in Plant Science</i> , 2020, 11, 520161.	1.7	19
23	Treatment with silicon fertilizer induces changes in root morphological traits in soybean (<i>Glycine</i>) Tj ETQq1 1 0.784314 rgBT /Overlook	0.7	4
24	Root Response to Drought Stress in Rice (<i>Oryza sativa</i> L.). <i>International Journal of Molecular Sciences</i> , 2020, 21, 1513.	1.8	157
25	Review: Cost-Effective Unmanned Aerial Vehicle (UAV) Platform for Field Plant Breeding Application. <i>Remote Sensing</i> , 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. <i>Journal of Crop Science and Biotechnology</i> , 2020, 23, 229-234.	0.7	2
27	Effect of Roasting and Brewing on the Antioxidant and Antiproliferative Activities of Tartary Buckwheat. <i>Foods</i> , 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. <i>Genes and Genomics</i> , 2019, 41, 1241-1251.	0.5	4
29	Sustainable Agriculture by Increasing Nitrogen Fertilizer Efficiency Using Low-Resolution Camera Mounted on Unmanned Aerial Vehicles. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3893.	1.2	3
30	New Parameters for Seedling Vigor Developed via Phenomics. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1752.	1.3	3
31	Influence of Chitosan, Salicylic Acid and Jasmonic Acid on Phenylpropanoid Accumulation in Germinated Buckwheat (<i>Fagopyrum esculentum</i> Moench). <i>Foods</i> , 2019, 8, 153.	1.9	37
32	High-resolution melting analysis for identification of apple cultivars using simple sequence repeat markers. <i>Plant Biotechnology Reports</i> , 2019, 13, 337-344.	0.9	3
33	Image Analysis for Measuring Disease Symptom to Bacterial Soft Rot in Potato. <i>American Journal of Potato Research</i> , 2019, 96, 303-313.	0.5	5
34	New source of bacterial soft rot resistance in wild potato (<i>Solanum chacoense</i>) tubers. <i>Genetic Resources and Crop Evolution</i> , 2017, 64, 1963-1969.	0.8	14
35	Case study: Estimation of sorghum biomass using digital image analysis with Canopeo. <i>Biomass and Bioenergy</i> , 2017, 105, 207-210.	2.9	31
36	A short review of RGB sensor applications for accessible high-throughput phenotyping. <i>Journal of Crop Science and Biotechnology</i> , 0, , 1.	0.7	2

#	ARTICLE	IF	CITATIONS
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