Yoonha Kim

List of Publications by Year
in descending order

25 papers	625 citations	840776 11 h-index	713466 21 g-index
27 all docs	27 docs citations	27 times ranked	685 citing authors

#	Article	IF	Citations
1	Root Response to Drought Stress in Rice (Oryza sativa L.). International Journal of Molecular Sciences, 2020, 21, 1513.	4.1	157
2	Exogenous short-term silicon application regulates macro-nutrients, endogenous phytohormones, and protein expression in Oryza sativa L.. BMC Plant Biology, 2018, 18, 4.	3.6	62
3	Review: Cost-Effective Unmanned Aerial Vehicle (UAV) Platform for Field Plant Breeding Application. Remote Sensing, 2020, 12, 998.	4.0	59
4	Silicon Confers Soybean Resistance to Salinity Stress Through Regulation of Reactive Oxygen and Reactive Nitrogen Species. Frontiers in Plant Science, 2019, 10, 1725.	3.6	55
5	Regulation of reactive oxygen and nitrogen species by salicylic acid in rice plants under salinity stress conditions. PLoS ONE, 2018, 13, e0192650.	2.5	53
6	Exo-ethylene application mitigates waterlogging stress in soybean (Glycine max L.). BMC Plant Biology, 2018, 18, 254.	3.6	52
7	Exogenous application of abscisic acid regulates endogenous gibberellins homeostasis and enhances resistance of oriental melon (Cucumis melo var. L.) against low temperature. Scientia Horticulturae, 2016, 207, 41-47.	3.6	41
8	Effect of silicon fertilizer treatment on nodule formation and yield in soybean (Glycine max L.). European Journal of Agronomy, 2021, 122, 126172.	4.1	25
9	Image-Based Machine Learning Characterizes Root Nodule in Soybean Exposed to Silicon. Frontiers in Plant Science, 2020, 11, 520161.	3.6	19
10	Utilization of Spectral Indices for High-Throughput Phenotyping. Plants, 2022, 11, 1712.	3.5	17
11	Silicon Effects on the Root System of Diverse Crop Species Using Root Phenotyping Technology. Plants, 2021, 10, 885.	3.5	14
12	Identification of Optimal Concentration of Silicon Application and Its Roles in Uptake of Essential Nutrients in Soybean (Glycine max L.). Journal of Crop Science and Biotechnology, 2019, 22, 1-10.	1.5	13
13	A short review: Comparisons of high-throughput phenotyping methods for detecting drought tolerance. Scientia Agricola, 2021, 78, .	1.2	10
14	Total and ionized serum magnesium and calcium levels during magnesium sulfate administration for preterm labor. Obstetrics and Gynecology Science, 2018, 61, 56.	1.6	6
15	A Large Root Phenome Dataset Wide-Opened the Potential for Underground Breeding in Soybean. Frontiers in Plant Science, 2021, 12, 704239.	3.6	6
16	Treatment with silicon fertilizer induces changes in root morphological traits in soybean (Glycine) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.5	4
17	Regulation of flood stress in plants. , 2020, , 157-173.		4
18	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.	2.6	3

#	Article	IF	Citations
19	Investigation of root phenotype in soybeans (Glycine max L.) using imagery data. Journal of Crop Science and Biotechnology, 0, , 1.	1.5	3
20	Investigation of Root Morphological Traits Using 2D-Imaging among Diverse Soybeans (Glycine max L.). Plants, 2021, 10, 2535.	3.5	3
21	Silicon Application Differentially Modulates Root Morphology and Expression of PIN and YUCCA Family Genes in Soybean (Glycine max L.). Frontiers in Plant Science, 2022, 13, 842832.	3.6	3
22	Successful pregnancy and delivery of a patient with congenital adrenal hyperplasia. Obstetrics and Gynecology Science, 2016, 59, 50.	1.6	2
23	Selection of Tolerant and Susceptible Wild Soybean (Glycine soja Siebold & Zucc.) Accessions under Waterlogging Condition using Vegetation Indices. Polish Journal of Environmental Studies, 2021, , .	1.2	2
24	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.	1.5	2
25	Comparison of Various Kinds of Vegetative Indices for Chlorophyll Contents Using Low-Resolution Camera. Journal of Crop Science and Biotechnology, 2020, 23, 73-79.	1.5	0