

Yoonha Kim

List of Publications by Year in descending order

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Version: 2024-02-01

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	Silicon Application Differentially Modulates Root Morphology and Expression of PIN and YUCCA Family Genes in Soybean (<i>Glycine max</i> L.). <i>Frontiers in Plant Science</i> , 2022, 13, 842832.	3.6	3
2	Utilization of Spectral Indices for High-Throughput Phenotyping. <i>Plants</i> , 2022, 11, 1712.	3.5	17
3	Effect of silicon fertilizer treatment on nodule formation and yield in soybean (<i>Glycine max</i> L.). <i>European Journal of Agronomy</i> , 2021, 122, 126172.	4.1	25
4	A short review: Comparisons of high-throughput phenotyping methods for detecting drought tolerance. <i>Scientia Agricola</i> , 2021, 78, .	1.2	10
5	Silicon Effects on the Root System of Diverse Crop Species Using Root Phenotyping Technology. <i>Plants</i> , 2021, 10, 885.	3.5	14
6	Selection of Tolerant and Susceptible Wild Soybean (<i>Glycine soja</i> Siebold & Zucc.) Accessions under Waterlogging Condition using Vegetation Indices. <i>Polish Journal of Environmental Studies</i> , 2021, , .	1.2	2
7	A Large Root Phenome Dataset Wide-Opened the Potential for Underground Breeding in Soybean. <i>Frontiers in Plant Science</i> , 2021, 12, 704239.	3.6	6
8	Investigation of Root Morphological Traits Using 2D-Imaging among Diverse Soybeans (<i>Glycine max</i> L.). <i>Plants</i> , 2021, 10, 2535.	3.5	3
9	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.	1.5	0
10	Image-Based Machine Learning Characterizes Root Nodule in Soybean Exposed to Silicon. <i>Frontiers in Plant Science</i> , 2020, 11, 520161.	3.6	19
11	Treatment with silicon fertilizer induces changes in root morphological traits in soybean (<i>Glycine</i>) Tj ETQq1 1 0.784314 rgBT /Overloc	1.5	4
12	Root Response to Drought Stress in Rice (<i>Oryza sativa</i> L.). <i>International Journal of Molecular Sciences</i> , 2020, 21, 1513.	4.1	157
13	Review: Cost-Effective Unmanned Aerial Vehicle (UAV) Platform for Field Plant Breeding Application. <i>Remote Sensing</i> , 2020, 12, 998.	4.0	59
14	Regulation of flood stress in plants. , 2020, , 157-173.		4
15	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.	2.6	3
16	Identification of Optimal Concentration of Silicon Application and Its Roles in Uptake of Essential Nutrients in Soybean (<i>Glycine max</i> L.). <i>Journal of Crop Science and Biotechnology</i> , 2019, 22, 1-10.	1.5	13
17	Silicon Confers Soybean Resistance to Salinity Stress Through Regulation of Reactive Oxygen and Reactive Nitrogen Species. <i>Frontiers in Plant Science</i> , 2019, 10, 1725.	3.6	55
18	Total and ionized serum magnesium and calcium levels during magnesium sulfate administration for preterm labor. <i>Obstetrics and Gynecology Science</i> , 2018, 61, 56.	1.6	6

#	ARTICLE	IF	CITATIONS
19	Exo-ethylene application mitigates waterlogging stress in soybean (<i>Glycine max</i> L.). <i>BMC Plant Biology</i> , 2018, 18, 254.	3.6	52
20	Exogenous short-term silicon application regulates macro-nutrients, endogenous phytohormones, and protein expression in <i>Oryza sativa</i> L.. <i>BMC Plant Biology</i> , 2018, 18, 4.	3.6	62
21	Regulation of reactive oxygen and nitrogen species by salicylic acid in rice plants under salinity stress conditions. <i>PLoS ONE</i> , 2018, 13, e0192650.	2.5	53
22	Successful pregnancy and delivery of a patient with congenital adrenal hyperplasia. <i>Obstetrics and Gynecology Science</i> , 2016, 59, 50.	1.6	2
23	Exogenous application of abscisic acid regulates endogenous gibberellins homeostasis and enhances resistance of oriental melon (<i>Cucumis melo</i> var. L.) against low temperature. <i>Scientia Horticulturae</i> , 2016, 207, 41-47.	3.6	41
24	Case study: cost-effective image analysis method to study drought stress of soybean in early vegetative stage. <i>Journal of Crop Science and Biotechnology</i> , 0, , 1.	1.5	2
25	Investigation of root phenotype in soybeans (<i>Glycine max</i> L.) using imagery data. <i>Journal of Crop Science and Biotechnology</i> , 0, , 1.	1.5	3