Ki-Won Lee

List of Publications by Year
in descending order

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20 papers	382 citations	1040056 9 h-index	839539 18 g-index
20 all docs	20 docs citations	20 times ranked	366 citing authors

#	Article	IF	Citations
1	The NIP Genes in Sugar Beet: Underlying Roles in Silicon Uptake and Growth Improvement. Silicon, 2022, 14, 3551-3562.	3.3	5
2	Physiological and molecular characterization of strategy-I responses and expression of Fe-transporters in Fe-deficient soybean. South African Journal of Botany, 2022, 147, 942-950.	2.5	4
3	Mechanistic assessment of tolerance to iron deficiency mediated by Trichoderma harzianum in soybean roots. Journal of Applied Microbiology, 2022, 133, 2760-2778.	3.1	9
4	Sulfur triggers glutathione and phytochelatin accumulation causing excess Cd bound to the cell wall of roots in alleviating Cd-toxicity in alfalfa. Chemosphere, 2021, 262, 128361.	8.2	38
5	Silicon induces metallochaperoneâ€driven cadmium binding to the cell wall and restores redox status through elevated glutathione in Cdâ€stressed sugar beet. Physiologia Plantarum, 2021, 173, 352-368.	5.2	13
6	Estimating Forage Yield and Nutritive Value of Maize-Legume Intercropping Systems in Paddy Fields During Summer. Journal of Food and Nutrition Research (Newark, Del), 2021, 9, 342-349.	0.3	2
7	Evaluation of Growth Characteristics, Productivity, and Feed Value of Different 26 Alfalfa Cultivars in Central Region of South Korea. Journal of Food and Nutrition Research (Newark, Del), 2021, 9, 350-356.	0.3	1
8	Nitric Oxide Prevents Fe Deficiency-Induced Photosynthetic Disturbance, and Oxidative Stress in Alfalfa by Regulating Fe Acquisition and Antioxidant Defense. Antioxidants, 2021, 10, 1556.	5.1	15
9	Insights Into the Genetic Architecture of Complex Traits in Napier Grass (Cenchrus purpureus) and QTL Regions Governing Forage Biomass Yield, Water Use Efficiency and Feed Quality Traits. Frontiers in Plant Science, 2021, 12, 678862.	3.6	12
10	Glutathione Restores Hg-Induced Morpho-Physiological Retardations by Inducing Phytochelatin and Oxidative Defense in Alfalfa. Biology, 2020, 9, 364.	2.8	14
11	Arbuscular Mycorrhizal Symbiosis Mitigates Iron (Fe)-Deficiency Retardation in Alfalfa (Medicago) Tj ETQq1 1 0.784314 rgBT /Overloc International Journal of Molecular Sciences, 2020, 21, 2219.	4.1	27
12	Ectopic Overexpression of Teff Grass (Eragrostis tef) Phi-class Glutathione S-transferase 1 (EtGSTF1) Enhances Prokaryotic Cell Survivability against Diverse Abiotic Stresses. Biotechnology and Bioprocess Engineering, 2019, 24, 552-559.	2.6	4
13	Nitric oxide-induced proteomic analysis in rice leaves. Plant Biotechnology Reports, 2019, 13, 375-387.	1.5	5
14	Genotyping by sequencing provides new insights into the diversity of Napier grass (Cenchrus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 2019, 9, 6936.	3.3	25
15	Salicylic Acid Counteracts Aluminum Stress-induced Growth and Biomass Yield Reduction in Medicago sativa L.. Journal of the Korean Society of Grassland and Forage Science, 2019, 39, 153-157.	0.2	0
16	Extreme pH Reduced Vegetative Growth and Biomass Accumulation in Alfalfa. Journal of the Korean Society of Grassland and Forage Science, 2019, 39, 148-152.	0.2	1
17	Importance of Mineral Nutrition for Mitigating Aluminum Toxicity in Plants on Acidic Soils: Current Status and Opportunities. International Journal of Molecular Sciences, 2018, 19, 3073.	4.1	166
18	Overexpression of the alfalfa DnaJ-like protein (MsDJLP) gene enhancestolerance to chilling and heat stresses in transgenic tobacco plants. Turkish Journal of Biology, 2018, 42, 12-22.	0.8	24

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19	Arsenic-Induced Differentially Expressed Genes Identified in Medicago sativa L. roots. Journal of the Korean Society of Grassland and Forage Science, 2016, 36, 243-247.	0.2	4
20	Identification and functional characterization of Siberian wild rye (Elymus sibiricus L.) small heat shock protein 16.9 gene (EsHsp16.9) conferring diverse stress tolerance in prokaryotic cells. Biotechnology Letters, 2015, 37, 881-890.	2.2	13