

Ki-Won Lee

List of Publications by Year in descending order

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Version: 2024-02-01

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	Importance of Mineral Nutrition for Mitigating Aluminum Toxicity in Plants on Acidic Soils: Current Status and Opportunities. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3073.	4.1	166
2	Sulfur triggers glutathione and phytochelatin accumulation causing excess Cd bound to the cell wall of roots in alleviating Cd-toxicity in alfalfa. <i>Chemosphere</i> , 2021, 262, 128361.	8.2	38
3	Arbuscular Mycorrhizal Symbiosis Mitigates Iron (Fe)-Deficiency Retardation in Alfalfa (Medicago) Tj ETQq1 1 0.784314 rgBT /Overlock <i>International Journal of Molecular Sciences</i> , 2020, 21, 2219.	4.1	27
4	Genotyping by sequencing provides new insights into the diversity of Napier grass (Cenchrus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 <i>2019</i> , 9, 6936.	3.3	25
5	Overexpression of the alfalfa DnaJ-like protein (MsDJLP) gene enhance tolerance to chilling and heat stresses in transgenic tobacco plants. <i>Turkish Journal of Biology</i> , 2018, 42, 12-22.	0.8	24
6	Nitric Oxide Prevents Fe Deficiency-Induced Photosynthetic Disturbance, and Oxidative Stress in Alfalfa by Regulating Fe Acquisition and Antioxidant Defense. <i>Antioxidants</i> , 2021, 10, 1556.	5.1	15
7	Glutathione Restores Hg-Induced Morpho-Physiological Retardations by Inducing Phytochelatin and Oxidative Defense in Alfalfa. <i>Biology</i> , 2020, 9, 364.	2.8	14
8	Identification and functional characterization of Siberian wild rye (<i>Elymus sibiricus</i> L.) small heat shock protein 16.9 gene (EsHsp16.9) conferring diverse stress tolerance in prokaryotic cells. <i>Biotechnology Letters</i> , 2015, 37, 881-890.	2.2	13
9	Silicon induces metallochaperone-driven cadmium binding to the cell wall and restores redox status through elevated glutathione in Cd-stressed sugar beet. <i>Physiologia Plantarum</i> , 2021, 173, 352-368.	5.2	13
10	Insights Into the Genetic Architecture of Complex Traits in Napier Grass (<i>Cenchrus purpureus</i>) and QTL Regions Governing Forage Biomass Yield, Water Use Efficiency and Feed Quality Traits. <i>Frontiers in Plant Science</i> , 2021, 12, 678862.	3.6	12
11	Mechanistic assessment of tolerance to iron deficiency mediated by <i>Trichoderma harzianum</i> in soybean roots. <i>Journal of Applied Microbiology</i> , 2022, 133, 2760-2778.	3.1	9
12	Nitric oxide-induced proteomic analysis in rice leaves. <i>Plant Biotechnology Reports</i> , 2019, 13, 375-387.	1.5	5
13	The NIP Genes in Sugar Beet: Underlying Roles in Silicon Uptake and Growth Improvement. <i>Silicon</i> , 2022, 14, 3551-3562.	3.3	5
14	Ectopic Overexpression of Teff Grass (<i>Eragrostis tef</i>) Phi-class Glutathione S-transferase 1 (EtGSTF1) Enhances Prokaryotic Cell Survivability against Diverse Abiotic Stresses. <i>Biotechnology and Bioprocess Engineering</i> , 2019, 24, 552-559.	2.6	4
15	Arsenic-Induced Differentially Expressed Genes Identified in <i>Medicago sativa</i> L. roots. <i>Journal of the Korean Society of Grassland and Forage Science</i> , 2016, 36, 243-247.	0.2	4
16	Physiological and molecular characterization of strategy-I responses and expression of Fe-transporters in Fe-deficient soybean. <i>South African Journal of Botany</i> , 2022, 147, 942-950.	2.5	4
17	Estimating Forage Yield and Nutritive Value of Maize-Legume Intercropping Systems in Paddy Fields During Summer. <i>Journal of Food and Nutrition Research (Newark, Del)</i> , 2021, 9, 342-349.	0.3	2
18	Evaluation of Growth Characteristics, Productivity, and Feed Value of Different 26 Alfalfa Cultivars in Central Region of South Korea. <i>Journal of Food and Nutrition Research (Newark, Del)</i> , 2021, 9, 350-356.	0.3	1

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19	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
20	Salicylic Acid Counteracts Aluminum Stress-induced Growth and Biomass Yield Reduction in <i>Medicago sativa</i> L.. Journal of the Korean Society of Grassland and Forage Science, 2019, 39, 153-157.	0.2	0