

Chang-Kai Liu

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

151
citations

1478505

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1281871

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all docs

15
docs citations

15
times ranked

172
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of Elevated CO ₂ on Seed Quality of Soybean at the Fresh Edible and Mature Stages. <i>Frontiers in Plant Science</i> , 2018, 9, 1413.	3.6	42
2	Reduced abscisic acid content is responsible for enhanced sucrose accumulation by potassium nutrition in vegetable soybean seeds. <i>Journal of Plant Research</i> , 2017, 130, 551-558.	2.4	22
3	Novel QTL and Meta-QTL Mapping for Major Quality Traits in Soybean. <i>Frontiers in Plant Science</i> , 2021, 12, 774270.	3.6	18
4	Potassium Application Affects Key Enzyme Activities of Sucrose Metabolism during Seed Filling in Vegetable Soybean. <i>Crop Science</i> , 2017, 57, 2707-2717.	1.8	13
5	Effects of Carbon Ion Beam Irradiation on Phenotypic Variations and Biochemical Parameters in Early Generations of Soybean Plants. <i>Agriculture (Switzerland)</i> , 2021, 11, 98.	3.1	9
6	Greater Anatomical Differences of Pod Ventral Suture in Shatter- ϵ Susceptible and Shatter- ϵ Resistant Soybean Cultivars. <i>Crop Science</i> , 2019, 59, 2784-2793.	1.8	7
7	Potassium translocation combined with specific root uptake is responsible for the high potassium efficiency in vegetable soybean. <i>Crop and Pasture Science</i> , 2019, 70, 516.	1.5	7
8	Characterization on a Novel Rolled Leaves and Short Petioles Soybean Mutant Based on Seq-BSA and RNA-seq Analysis. <i>Journal of Plant Biology</i> , 2022, 65, 261-277.	2.1	6
9	Soybean yield and quality relative to Mollisols fertility with 7-year consecutive cattle manure application under maize-soybean rotation. <i>Land Degradation and Development</i> , 2021, 32, 4740-4754.	3.9	6
10	Dry matter partitioning and K distribution of vegetable soybean genotypes with higher potassium efficiency. <i>Archives of Agronomy and Soil Science</i> , 2020, 66, 717-729.	2.6	5
11	Transcript Profile in Vegetable Soybean Roots Reveals Potential Gene Patterns Regulating K Uptake Efficiency. <i>Agronomy</i> , 2020, 10, 1796.	3.0	5
12	Distinct effects of short-term reconstructed topsoil on soya bean and corn rhizosphere bacterial abundance and communities in Chinese Mollisol. <i>Royal Society Open Science</i> , 2019, 6, 181054.	2.4	4
13	Root K Affinity Drivers and Photosynthetic Characteristics in Response to Low Potassium Stress in K High-Efficiency Vegetable Soybean. <i>Frontiers in Plant Science</i> , 2021, 12, 732164.	3.6	4
14	Nutritional quality of different potassium efficiency types of vegetable soybean as affected by potassium nutrition. <i>Food Quality and Safety</i> , 2022, 6, .	1.8	2