Songbi Chen

List of Publications by Year
in descending order

19 papers	766 citations	759233 12 h-index	839539 18 g-index
19 all docs	19 docs citations	19 times ranked	1001 citing authors

#	Article	IF	Citations
1	Different Fertilizers Applied Alter Fungal Community Structure in Rhizospheric Soil of Cassava (Manihot esculenta Crantz) and Increase Crop Yield. Frontiers in Microbiology, 2021, 12, 663781.	3.5	12
2	Cassava breeding and agronomy in Asia: 50 years of history and future directions. Breeding Science, 2020, 70, 145-166.	1.9	67
3	Protein Cross-Interactions for Efficient Photosynthesis in the Cassava Cultivar SC205 Relative to Its Wild Species. Journal of Agricultural and Food Chemistry, 2019, 67, 8746-8755.	5.2	4
4	Relevance of Class I Î±-Mannosidases to Cassava Postharvest Physiological Deterioration. ACS Omega, 2019, 4, 8739-8746.	3.5	3
5	The analysis of candidate genes and loci involved with carotenoid metabolism in cassava (Manihot) Tj ETQq1 1 0.784314 rgBT /Overlock	2.1	6
6	Effects of Calcium and Magnesium Fertilization on Antioxidant Activities during Cassava Postharvest Physiological Deterioration. Crop Science, 2018, 58, 1385-1392.	1.8	8
7	Genome-Wide Identification, Expression, and Functional Analysis of the Sugar Transporter Gene Family in Cassava (Manihot esculenta). International Journal of Molecular Sciences, 2018, 19, 987.	4.1	30
8	Cassava postharvest physiological deterioration: a complex phenomenon involving calcium signaling, reactive oxygen species and programmed cell death. Acta Physiologiae Plantarum, 2017, 39, 91.	2.1	34
9	Proteomic analysis of injured storage roots in cassava (Manihot esculenta Crantz) under postharvest physiological deterioration. PLoS ONE, 2017, 12, e0174238.	2.5	21
10	Domestication Syndrome Is Investigated by Proteomic Analysis between Cultivated Cassava (Manihot) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.5	14
11	The Comparatively Proteomic Analysis in Response to Cold Stress in Cassava Plantlets. Plant Molecular Biology Reporter, 2016, 34, 1095-1110.	1.8	26
12	Natural variation in expression of genes associated with carotenoid biosynthesis and accumulation in cassava (Manihot esculenta Crantz) storage root. BMC Plant Biology, 2016, 16, 133.	3.6	29
13	Comparison of Leaf Proteomes of Cassava (Manihot esculenta Crantz) Cultivar NZ199 Diploid and Autotetraploid Genotypes. PLoS ONE, 2014, 9, e85991.	2.5	28
14	Cassava genome from a wild ancestor to cultivated varieties. Nature Communications, 2014, 5, 5110.	12.8	230
15	Change in physicochemical traits of cassava roots and starches associated with genotypes and environmental factors. Starch/Staerke, 2013, 65, 253-263.	2.1	45
16	Characterization of Carotenoid-protein Complexes and Gene Expression Analysis Associated with Carotenoid Sequestration in Pigmented Cassava (Manihot Esculenta Crantz) Storage Root. The Open Biochemistry Journal, 2012, 6, 116-130.	0.5	25
17	Proteome characterization of cassava (Manihot esculenta Crantz) somatic embryos, plantlets and tuberous roots. Proteome Science, 2010, 8, 10.	1.7	55
18	Proteomic analysis of salt-stressed tomato (Solanum lycopersicum) seedlings: effect of genotype and exogenous application of glycinebetaine. Journal of Experimental Botany, 2009, 60, 2005-2019.	4.8	114

#	Article	IF	Citations
19	Systematic Analysis of bHLH Transcription Factors in Cassava Uncovers Their Roles in Postharvest Physiological Deterioration and Cyanogenic Glycosides Biosynthesis. Frontiers in Plant Science, 0, 13, .	3.6	15