# Songbi Chen

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | Cassava genome from a wild ancestor to cultivated varieties. Nature Communications, 2014, 5, 5110. | 12.8 | 230 |
| 2 | 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 |
| 3 | Cassava breeding and agronomy in Asia: 50 years of history and future directions. Breeding Science, 2020, 70, 145-166. | 1.9 | 67 |
| 4 | Proteome characterization of cassava (Manihot esculenta Crantz) somatic embryos, plantlets and tuberous roots. Proteome Science, 2010, 8, 10. | 1.7 | 55 |
| 5 | Change in physicochemical traits of cassava roots and starches associated with genotypes and environmental factors. Starch/Staerke, 2013, 65, 253-263. | 2.1 | 45 |
| 6 | 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 |
| 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 | 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 |
| 9 | Comparison of Leaf Proteomes of Cassava (Manihot esculenta Crantz) Cultivar NZ199 Diploid and Autotetraploid Genotypes. PLoS ONE, 2014, 9, e85991. | 2.5 | 28 |
| 10 | The Comparatively Proteomic Analysis in Response to Cold Stress in Cassava Plantlets. Plant Molecular Biology Reporter, 2016, 34, 1095-1110. | 1.8 | 26 |
| 11 | 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 |
| 12 | Proteomic analysis of injured storage roots in cassava (Manihot esculenta Crantz) under postharvest physiological deterioration. PLoS ONE, 2017, 12, e0174238. | 2.5 | 21 |
| 13 | 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 |
| 14 | Domestication Syndrome Is Investigated by Proteomic Analysis between Cultivated Cassava (Manihot) Tj ETQq0 0 0 rgBT /Overlock 10 T | 2.5 | 14 |
| 15 | 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 |
| 16 | Effects of Calcium and Magnesium Fertilization on Antioxidant Activities during Cassava Postharvest Physiological Deterioration. Crop Science, 2018, 58, 1385-1392. | 1.8 | 8 |
| 17 | The analysis of candidate genes and loci involved with carotenoid metabolism in cassava (Manihot) Tj ETQq1 1 0.784314 rgBT /Overlo | 2.1 | 6 |
| 18 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Relevance of Class I Î±-Mannosidases to Cassava Postharvest Physiological Deterioration. ACS Omega, 2019, 4, 8739-8746. | 3.5 | 3 |