

Xiang Jin

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Comprehensive Proteomics Analysis of Laticifer Latex Reveals New Insights into Ethylene Stimulation of Natural Rubber Production. <i>Scientific Reports</i> , 2015, 5, 13778. | 3.3 | 66 |
| 2 | Quantitative proteomics of <i>Sesuvium portulacastrum</i> leaves revealed that ion transportation by V-ATPase and sugar accumulation in chloroplast played crucial roles in halophyte salt tolerance. <i>Journal of Proteomics</i> , 2014, 99, 84-100. | 2.4 | 52 |
| 3 | Proteomics Profiling Reveals Carbohydrate Metabolic Enzymes and 14-3-3 Proteins Play Important Roles for Starch Accumulation during Cassava Root Tuberization. <i>Scientific Reports</i> , 2016, 6, 19643. | 3.3 | 47 |
| 4 | Genome-wide investigation and expression profiling of APX gene family in <i>Gossypium hirsutum</i> provide new insights in redox homeostasis maintenance during different fiber development stages. <i>Molecular Genetics and Genomics</i> , 2018, 293, 685-697. | 2.1 | 47 |
| 5 | Comparative proteomics of Bt-transgenic and non-transgenic cotton leaves. <i>Proteome Science</i> , 2015, 13, 15. | 1.7 | 41 |
| 6 | The beta subunit of glyceraldehyde 3-phosphate dehydrogenase is an important factor for maintaining photosynthesis and plant development under salt stress—Based on an integrative analysis of the structural, physiological and proteomic changes in chloroplasts in <i>Thellungiella halophila</i> . <i>Plant Science</i> , 2015, 236, 223-238. | 3.6 | 40 |
| 7 | Comparative Proteomics Reveals that Phosphorylation of β^2 Carbonic Anhydrase 1 Might be Important for Adaptation to Drought Stress in <i>Brassica napus</i> . <i>Scientific Reports</i> , 2016, 6, 39024. | 3.3 | 37 |
| 8 | Quantitative proteomics and transcriptomics reveal key metabolic processes associated with cotton fiber initiation. <i>Journal of Proteomics</i> , 2015, 114, 16-27. | 2.4 | 35 |
| 9 | MS4A15 drives ferroptosis resistance through calcium-restricted lipid remodeling. <i>Cell Death and Differentiation</i> , 2022, 29, 670-686. | 11.2 | 35 |
| 10 | Identification and Analyses of miRNA Genes in Allotetraploid <i>Gossypium hirsutum</i> Fiber Cells Based on the Sequenced Diploid <i>G. Æraimondii</i> Genome. <i>Journal of Genetics and Genomics</i> , 2012, 39, 351-360. | 3.9 | 31 |
| 11 | Proteomics of <i>Fusarium oxysporum</i> Race 1 and Race 4 Reveals Enzymes Involved in Carbohydrate Metabolism and Ion Transport That Might Play Important Roles in Banana Fusarium Wilt. <i>PLoS ONE</i> , 2014, 9, e113818. | 2.5 | 31 |
| 12 | A Potential Role for CHH DNA Methylation in Cotton Fiber Growth Patterns. <i>PLoS ONE</i> , 2013, 8, e60547. | 2.5 | 28 |
| 13 | Cotton Ascorbate Oxidase Promotes Cell Growth in Cultured Tobacco Bright Yellow-2 Cells through Generation of Apoplast Oxidation. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1346. | 4.1 | 26 |
| 14 | Expression Profiling of Mitogen-Activated Protein Kinase Genes Reveals Their Evolutionary and Functional Diversity in Different Rubber Tree (<i>Hevea brasiliensis</i>) Cultivars. <i>Genes</i> , 2017, 8, 261. | 2.4 | 23 |
| 15 | Proteomic analysis of phytase transgenic and non-transgenic maize seeds. <i>Scientific Reports</i> , 2017, 7, 9246. | 3.3 | 18 |
| 16 | Using Genome-Referenced Expressed Sequence Tag Assembly to Analyze the Origin and Expression Patterns of <i>Gossypium hirsutum</i> Transcripts. <i>Journal of Integrative Plant Biology</i> , 2013, 55, 576-585. | 8.5 | 17 |
| 17 | Subcellular proteome profiles of different latex fractions revealed washed solutions from rubber particles contain crucial enzymes for natural rubber biosynthesis. <i>Journal of Proteomics</i> , 2018, 182, 53-64. | 2.4 | 17 |
| 18 | Two-dimensional gel electrophoresis-based analysis provides global insights into the cotton ovule and fiber proteomes. <i>Science China Life Sciences</i> , 2016, 59, 154-163. | 4.9 | 16 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Calcium-Dependent Protein Kinase Genes in Glycyrrhiza Uralensis Appear to be Involved in Promoting the Biosynthesis of Glycyrrhizic Acid and Flavonoids under Salt Stress. <i>Molecules</i> , 2019, 24, 1837. | 3.8 | 16 |
| 20 | GhVTC1, the Key Gene for Ascorbate Biosynthesis in <i>Gossypium hirsutum</i> , Involves in Cell Elongation Under Control of Ethylene. <i>Cells</i> , 2019, 8, 1039. | 4.1 | 14 |
| 21 | A Cotton (<i>Gossypium hirsutum</i>) Myo-Inositol-1-Phosphate Synthase (GhMIPS1D) Gene Promotes Root Cell Elongation in <i>Arabidopsis</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 1224. | 4.1 | 13 |
| 22 | Selection of the reference genes for quantitative gene expression by RT-qPCR in the desert plant <i>Stipagrostis pennata</i> . <i>Scientific Reports</i> , 2021, 11, 21711. | 3.3 | 12 |
| 23 | Calcium-Dependent Protein Kinase Family Genes Involved in Ethylene-Induced Natural Rubber Production in Different <i>Hevea brasiliensis</i> Cultivars. <i>International Journal of Molecular Sciences</i> , 2018, 19, 947. | 4.1 | 11 |
| 24 | Genome-Wide Identification and Expression Analysis of the Ascorbate Oxidase Gene Family in <i>Gossypium hirsutum</i> Reveals the Critical Role of GhAO1A in Delaying Dark-Induced Leaf Senescence. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6167. | 4.1 | 11 |
| 25 | Transcriptome analysis of <i>Sonneratia caseolaris</i> seedlings under chilling stress. <i>PeerJ</i> , 2021, 9, e11506. | 2.0 | 10 |
| 26 | Genome-Wide Analysis of MDHAR Gene Family in Four Cotton Species Provides Insights into Fiber Development via Regulating AsA Redox Homeostasis. <i>Plants</i> , 2021, 10, 227. | 3.5 | 9 |
| 27 | Two-Dimensional Gel Electrophoresis-Based Proteomic Analysis Reveals N-terminal Truncation of the Hsc70 Protein in Cotton Fibers In Vivo. <i>Scientific Reports</i> , 2016, 6, 36961. | 3.3 | 7 |
| 28 | An improved protein extraction method applied to cotton leaves is compatible with 2-DE and LC-MS. <i>BMC Genomics</i> , 2019, 20, 285. | 2.8 | 7 |
| 29 | The complete chloroplast genome of <i>Bougainvillea glabra</i> . <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 889-890. | 0.4 | 5 |
| 30 | Evolutionary and functional analyses demonstrate conserved ferroptosis protection by <i>Arabidopsis</i> GPXs in mammalian cells. <i>FASEB Journal</i> , 2021, 35, e21550. | 0.5 | 5 |
| 31 | Evolutionary Analysis of Calcium-Dependent Protein Kinase in Five Asteraceae Species. <i>Plants</i> , 2020, 9, 32. | 3.5 | 3 |
| 32 | The first complete chloroplast genome of a mangrove fern, <i>Acrostichum speciosum</i> . <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 1413-1414. | 0.4 | 2 |
| 33 | Comparative Proteomic Analysis of Molecular Differences between Leaves of Wild-Type Upland Cotton and Its Fuzzless-Lintless Mutant. <i>Molecules</i> , 2019, 24, 3769. | 3.8 | 1 |
| 34 | Expression profiling of the mitogen-activated protein kinase gene family reveals their diverse response pattern in two different salt-tolerant <i>Glycyrrhiza</i> species. <i>Genes and Genomics</i> , 2022, , 1. | 1.4 | 0 |