

Jia-He Wu

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,250
citations

331670

21
h-index

377865

34
g-index

36
all docs

36
docs citations

36
times ranked

1418
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Cotton Major Latex Protein 28 Functions as a Positive Regulator of the Ethylene Responsive Factor 6 in Defense against <i>Verticillium dahliae</i> . <i>Molecular Plant</i> , 2015, 8, 399-411. | 8.3 | 141 |
| 2 | Simultaneous Editing of Two Copies of Gh14-3-3d Confers Enhanced Transgene-Clean Plant Defense Against <i>Verticillium dahliae</i> in Allotetraploid Upland Cotton. <i>Frontiers in Plant Science</i> , 2018, 9, 842. | 3.6 | 104 |
| 3 | The cotton MYB108 forms a positive feedback regulation loop with CML11 and participates in the defense response against <i>Verticillium dahliae</i> infection. <i>Journal of Experimental Botany</i> , 2016, 67, 1935-1950. | 4.8 | 87 |
| 4 | The Cotton Apoplastic Protein CRR1 Stabilizes Chitinase 28 to Facilitate Defense against the Fungal Pathogen <i>Verticillium dahliae</i> . <i>Plant Cell</i> , 2019, 31, 520-536. | 6.6 | 85 |
| 5 | Development of Agrobacterium-Mediated Virus-Induced Gene Silencing and Performance Evaluation of Four Marker Genes in <i>Gossypium barbadense</i> . <i>PLoS ONE</i> , 2013, 8, e73211. | 2.5 | 79 |
| 6 | Synergistic Effects of GhSOD1 and GhCAT1 Overexpression in Cotton Chloroplasts on Enhancing Tolerance to Methyl Viologen and Salt Stresses. <i>PLoS ONE</i> , 2013, 8, e54002. | 2.5 | 68 |
| 7 | AtWuschel Promotes Formation of the Embryogenic Callus in <i>Gossypium hirsutum</i> . <i>PLoS ONE</i> , 2014, 9, e87502. | 2.5 | 52 |
| 8 | Cotton WATs Modulate SA Biosynthesis and Local Lignin Deposition Participating in Plant Resistance Against <i>Verticillium dahliae</i> . <i>Frontiers in Plant Science</i> , 2019, 10, 526. | 3.6 | 52 |
| 9 | iTRAQ Protein Profile Differential Analysis between Somatic Globular and Cotyledonary Embryos Reveals Stress, Hormone, and Respiration Involved in Increasing Plantlet Regeneration of <i>Gossypium hirsutum</i> L. <i>Journal of Proteome Research</i> , 2015, 14, 268-278. | 3.7 | 47 |
| 10 | The mitochondrial malate dehydrogenase 1 gene GhmMDH1 is involved in plant and root growth under phosphorus deficiency conditions in cotton. <i>Scientific Reports</i> , 2015, 5, 10343. | 3.3 | 42 |
| 11 | The Cotton miR477-CBP60A Module Participates in Plant Defense Against <i>Verticillium dahliae</i> . <i>Molecular Plant-Microbe Interactions</i> , 2020, 33, 624-636. | 2.6 | 41 |
| 12 | The ghr-miR164 and GhNAC100 modulate cotton plant resistance against <i>Verticillium dahliae</i> . <i>Plant Science</i> , 2020, 293, 110438. | 3.6 | 39 |
| 13 | OsLOL1, a C ₂ H ₂ type zinc finger protein, interacts with OsSBZIP58 to promote seed germination through the modulation of gibberellin biosynthesis in <i>Oryza sativa</i> . <i>Plant Journal</i> , 2014, 80, 1118-1130. | 5.7 | 38 |
| 14 | iTRAQ-based proteomics analysis of autophagy-mediated immune responses against the vascular fungal pathogen <i>Verticillium dahliae</i> in <i>Arabidopsis</i> . <i>Autophagy</i> , 2018, 14, 598-618. | 9.1 | 35 |
| 15 | Functional characterization of a novel jasmonate ZIM-domain interactor (NINJA) from upland cotton (<i>Gossypium hirsutum</i>) Tj ETQq1 1 0.784314 1.000000 /Over | 5.8 | 34 |
| 16 | Functional characterization of an anthocyanidin reductase gene from the fibers of upland cotton (<i>Gossypium hirsutum</i>). <i>Planta</i> , 2015, 241, 1075-1089. | 3.2 | 33 |
| 17 | Development of insect-resistant transgenic cotton with chimeric TVip3A* accumulating in chloroplasts. <i>Transgenic Research</i> , 2011, 20, 963-973. | 2.4 | 32 |
| 18 | iTRAQ-based proteomic analysis of defence responses triggered by the necrotrophic pathogen <i>Rhizoctonia solani</i> in cotton. <i>Journal of Proteomics</i> , 2017, 152, 226-235. | 2.4 | 28 |

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|----|---|-----|-----------|
| 19 | A Cotton Lignin Biosynthesis Gene, GhLAC4, Fine-Tuned by ghr-miR397 Modulates Plant Resistance Against <i>Verticillium dahliae</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 743795. | 3.6 | 28 |
| 20 | Transgenic potato plants expressing cry3A gene confer resistance to Colorado potato beetle. <i>Comptes Rendus - Biologies</i> , 2015, 338, 443-450. | 0.2 | 27 |
| 21 | Evaluation of the resistance of transgenic potato plants expressing various levels of Cry3A against the Colorado potato beetle (<i>Leptinotarsa decemlineata</i> Say) in the laboratory and field. <i>Pest Management Science</i> , 2012, 68, 1595-1604. | 3.4 | 26 |
| 22 | Double-Stranded RNAs High-Efficiently Protect Transgenic Potato from <i>Leptinotarsa decemlineata</i> by Disrupting Juvenile Hormone Biosynthesis. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 11990-11999. | 5.2 | 20 |
| 23 | Cotton plant defence against a fungal pathogen is enhanced by expanding BLADE-ON-PETIOLE1 expression beyond lateral-organ boundaries. <i>Communications Biology</i> , 2019, 2, 238. | 4.4 | 20 |
| 24 | <i>Gossypium hirsutum</i> Salt Tolerance Is Enhanced by Overexpression of <i>G. arboreum</i> JAZ1. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 157. | 4.1 | 20 |
| 25 | Development of selectable marker-free transgenic potato plants expressing <i>cry3A</i> against the Colorado potato beetle (<i>Leptinotarsa decemlineata</i> Say). <i>Pest Management Science</i> , 2016, 72, 497-504. | 3.4 | 15 |
| 26 | Functional Characterization of a Dihydroflavanol 4-Reductase from the Fiber of Upland Cotton (<i>Gossypium hirsutum</i>). <i>Molecules</i> , 2016, 21, 32. | 3.8 | 13 |
| 27 | iTRAQ Protein Profile Differential Analysis of Dormant and Germinated Grassbur Twin Seeds Reveals that Ribosomal Synthesis and Carbohydrate Metabolism Promote Germination Possibly Through the PI3K Pathway. <i>Plant and Cell Physiology</i> , 2016, 57, 1244-1256. | 3.1 | 8 |
| 28 | Cotton miR319b-Targeted TCP4-Like Enhances Plant Defense Against <i>Verticillium dahliae</i> by Activating GhICS1 Transcription Expression. <i>Frontiers in Plant Science</i> , 2022, 13, . | 3.6 | 8 |
| 29 | Analysis of the Role of the Drought-Induced Gene DRI15 and Salinity-Induced Gene SI1 in <i>Alternanthera philoxeroides</i> Plasticity Using a Virus-Based Gene Silencing Tool. <i>Frontiers in Plant Science</i> , 2017, 8, 1579. | 3.6 | 7 |
| 30 | Cotton miR393-TIR1 Module Regulates Plant Defense Against <i>Verticillium dahliae</i> via Auxin Perception and Signaling. <i>Frontiers in Plant Science</i> , 2022, 13, 888703. | 3.6 | 5 |
| 31 | The RING Finger Protein NtRCP1 Is Involved in the Floral Transition in Tobacco (<i>Nicotiana tabacum</i>). <i>Journal of Genetics and Genomics</i> , 2015, 42, 311-317. | 3.9 | 4 |
| 32 | Sandbur Drought Tolerance Reflects Phenotypic Plasticity Based on the Accumulation of Sugars, Lipids, and Flavonoid Intermediates and the Scavenging of Reactive Oxygen Species in the Root. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12615. | 4.1 | 4 |
| 33 | Development of Insect-Resistant Transgenic Cotton with Chimeric TVip3A Accumulating in Chloroplasts. <i>Methods in Molecular Biology</i> , 2013, 958, 247-258. | 0.9 | 3 |
| 34 | Overexpressing rice lesion simulating disease 1-like gene (OsLOL1) in <i>Gossypium hirsutum</i> promotes somatic embryogenesis and plant regeneration. <i>Journal of Cotton Research</i> , 2020, 3, . | 2.5 | 2 |
| 35 | Growth and arthropod community characteristics of transgenic poplar 741 in an experimental forest. <i>Industrial Crops and Products</i> , 2021, 162, 113284. | 5.2 | 2 |
| 36 | Development of Insect-Resistant Transgenic Cotton with Chimeric TVip3A* Accumulating in Chloroplasts. <i>Methods in Molecular Biology</i> , 2019, 1902, 281-292. | 0.9 | 1 |