

# Zhaohu Li

## List of Publications by Year in descending order

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121  
papers

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101496

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122  
all docs

122  
docs citations

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5749  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Fertilizer stabilizers reduce nitrous oxide emissions from agricultural soil by targeting microbial nitrogen transformations. <i>Science of the Total Environment</i> , 2022, 806, 151225.   | 3.9 | 11        |
| 2  | Dissecting the labdane-related diterpenoid biosynthetic gene clusters in rice reveals directional cross-cluster phytotoxicity. <i>New Phytologist</i> , 2022, 233, 878-889.  | 3.5 | 17        |
| 3  | Coronatine alleviates cold stress by improving growth and modulating antioxidative defense system in rice ( <i>Oryza sativa</i> L.) seedlings. <i>Plant Growth Regulation</i> , 2022, 96, 283-291.   | 1.8 | 5         |
| 4  | CeO <sub>2</sub> nanoparticles modulate Cu-Zn superoxide dismutase and lipoxygenase-IV isozyme activities to alleviate membrane oxidative damage to improve rapeseed salt tolerance. <i>Environmental Science: Nano</i> , 2022, 9, 1116-1132.                | 2.2 | 13        |
| 5  | The relationship between boll retention and defoliation of cotton at the fruiting site level. <i>Crop Science</i> , 2022, 62, 1333-1347.   | 0.8 | 3         |
| 6  | Thidiazuron Promotes Leaf Abscission by Regulating the Crosstalk Complexities between Ethylene, Auxin, and Cytokinin in Cotton. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2696.   | 1.8 | 13        |
| 7  | Better Droplet Deposition and Internode Shortening Effects of Plant Growth Regulator EDAH on Maize Applied by Small Unmanned Aerial Vehicle Than Electric Knapsack Sprayer. <i>Agriculture (Switzerland)</i> , 2022, 12, 404.                                | 1.4 | 2         |
| 8  | The potassium channel GhAKT2bD is regulated by CBL-CIPK calcium signaling complexes and facilitates K <sup>+</sup> allocation in cotton. <i>FEBS Letters</i> , 2022, , .   | 1.3 | 1         |
| 9  | Construction and application of star polycation nanocarrier-based microRNA delivery system in Arabidopsis and maize. <i>Journal of Nanobiotechnology</i> , 2022, 20, 219.  | 4.2 | 9         |
| 10 | The efficacy of chemical topping in field-grown cotton is mediated by drip irrigation amount in irrigated agricultural area. <i>Journal of Cotton Research</i> , 2022, 5, .  | 1.0 | 3         |
| 11 | CeO <sub>2</sub> Nanoparticles Seed Priming Increases Salicylic Acid Level and ROS Scavenging Ability to Improve Rapeseed Salt Tolerance. <i>Global Challenges</i> , 2022, 6, .  | 1.8 | 16        |
| 12 | Nitrification inhibitor 3,4-dimethylpyrazole phosphate (DMPP) reduces N <sub>2</sub> O emissions by altering the soil microbial community in a wheat-maize rotation on the North China Plain. <i>European Journal of Soil Science</i> , 2021, 72, 1270-1291. | 1.8 | 10        |
| 13 | Efficient carbon recycling and modulation of antioxidants involved in elongation of the parasitic plant dodder ( <i>Cuscuta</i> spp.) in vitro. <i>Plant Science</i> , 2021, 303, 110770.  | 1.7 | 2         |
| 14 | Effects of row spacing, nitrogen, and mepiquat chloride application on yield and spatio-temporal patterns of cotton bolls in the yellow river valley of China. <i>Agronomy Journal</i> , 2021, 113, 61-74.   | 0.9 | 0         |
| 15 | A (conditional) role for labdane-related diterpenoid natural products in rice stomatal closure. <i>New Phytologist</i> , 2021, 230, 698-709.   | 3.5 | 18        |
| 16 | Transcriptome Analysis Unravels Key Factors Involved in Response to Potassium Deficiency and Feedback Regulation of K <sup>+</sup> Uptake in Cotton Roots. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3133.                              | 1.8 | 15        |
| 17 | Transcriptome dynamic landscape underlying the improvement of maize lodging resistance under coronatine treatment. <i>BMC Plant Biology</i> , 2021, 21, 202.   | 1.6 | 5         |
| 18 | Multiple applications of mepiquat chloride enhanced development of plant-wide fruits from square initiation to boll opening in cotton. <i>Crop Science</i> , 2021, 61, 2733-2744.  | 0.8 | 2         |

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|----|--|-----|-----------|
| 19 | Cerium oxide nanoparticles improve cotton salt tolerance by enabling better ability to maintain cytosolic K <sup>+</sup> /Na <sup>+</sup> ratio. <i>Journal of Nanobiotechnology</i> , 2021, 19, 153.                                  | 4.2 | 71        |
| 20 | Gibberellin biosynthesis inhibitor mepiquat chloride enhances root K <sup>+</sup> uptake in cotton by modulating plasma membrane H <sup>+</sup> -ATPase. <i>Journal of Experimental Botany</i> , 2021, 72, 6659-6671.                  | 2.4 | 10        |
| 21 | Coronatine Modulated the Generation of Reactive Oxygen Species for Regulating the Water Loss Rate in the Detaching Maize Seedlings. <i>Agriculture (Switzerland)</i> , 2021, 11, 685.  | 1.4 | 7         |
| 22 | Nanoceria seed priming enhanced salt tolerance in rapeseed through modulating ROS homeostasis and Î±-amylase activities. <i>Journal of Nanobiotechnology</i> , 2021, 19, 276.  | 4.2 | 47        |
| 23 | Design, synthesis and mode of action of novel chloro-pyrazolyl picolinate derivatives as herbicide candidates. <i>Pest Management Science</i> , 2021, 77, 2252-2263.   | 1.7 | 13        |
| 24 | Interdependent evolution of biosynthetic gene clusters for momilactone production in rice. <i>Plant Cell</i> , 2021, 33, 290-305.  | 3.1 | 34        |
| 25 | An ABA Functional Analogue B2 Enhanced Salt Tolerance by Inducing the Root Elongation and Reducing Peroxidation Damage in Maize Seedlings. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12986.                       | 1.8 | 4         |
| 26 | Ethephon Reduces Maize Nitrogen Uptake but Improves Nitrogen Utilization in <i>Zea mays</i> L.. <i>Frontiers in Plant Science</i> , 2021, 12, 762736.  | 1.7 | 5         |
| 27 | Improved synthetic route of exo-16,17-dihydro-gibberellin A5-13-acetate and the bioactivity of its derivatives towards <i>Arabidopsis thaliana</i> . <i>Pest Management Science</i> , 2020, 76, 807-817.                               | 1.7 | 8         |
| 28 | Ethephon-regulated maize internode elongation associated with modulating auxin and gibberellin signal to alter cell wall biosynthesis and modification. <i>Plant Science</i> , 2020, 290, 110196.                                      | 1.7 | 35        |
| 29 | Parasitic plant dodder ( <i>Cuscuta</i> spp.): A new natural <i>Agrobacterium</i> -to-plant horizontal gene transfer species. <i>Science China Life Sciences</i> , 2020, 63, 312-316.  | 2.3 | 15        |
| 30 | Coronatine inhibits mesocotyl elongation by promoting ethylene production in etiolated maize seedlings. <i>Plant Growth Regulation</i> , 2020, 90, 51-61.  | 1.8 | 12        |
| 31 | Data-Independent Acquisition Proteomics Unravels the Effects of Iron Ions on Coronatine Synthesis in <i>Pseudomonas syringae</i> pv. tomato DC3000. <i>Frontiers in Microbiology</i> , 2020, 11, 1362.                                 | 1.5 | 5         |
| 32 | Copalyl Diphosphate Synthase Mutation Improved Salt Tolerance in Maize ( <i>Zea mays</i> . L) via Enhancing Vacuolar Na <sup>+</sup> Sequestration and Maintaining ROS Homeostasis. <i>Frontiers in Plant Science</i> , 2020, 11, 457. | 1.7 | 11        |
| 33 | Emerging investigator series: molecular mechanisms of plant salinity stress tolerance improvement by seed priming with cerium oxide nanoparticles. <i>Environmental Science: Nano</i> , 2020, 7, 2214-2228.                            | 2.2 | 97        |
| 34 | The Role of Gibberellins in Regulation of Nitrogen Uptake and Physiological Traits in Maize Responding to Nitrogen Availability. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1824.                                  | 1.8 | 23        |
| 35 | Nanoparticle Charge and Size Control Foliar Delivery Efficiency to Plant Cells and Organelles. <i>ACS Nano</i> , 2020, 14, 7970-7986.  | 7.3 | 204       |
| 36 | Introducing selective agrochemical manipulation of gibberellin metabolism into a cereal crop. <i>Nature Plants</i> , 2020, 6, 67-72.   | 4.7 | 17        |

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|----|---|-----|-----------|
| 37 | Relationships Between Plant Architecture Traits and Cotton Yield Within the Plant Height Range of 80–120 CM Desired for Mechanical Harvesting in the Yellow River Valley of China. <i>Agronomy</i> , 2019, 9, 587.    | 1.3 | 7         |
| 38 | System Analysis of MIRNAs in Maize Internode Elongation. <i>Biomolecules</i> , 2019, 9, 417.  | 1.8 | 11        |
| 39 | The AP2/ERF Transcription Factor TINY Modulates Brassinosteroid-Regulated Plant Growth and Drought Responses in Arabidopsis. <i>Plant Cell</i> , 2019, 31, 1788-1806.   | 3.1 | 153       |
| 40 | Phosphatase GhDscP3a interacts with annexin protein GhANN8b to reversely regulate salt tolerance in cotton ( <i>Gossypium</i> spp.). <i>New Phytologist</i> , 2019, 223, 1856-1872.                                   | 3.5 | 39        |
| 41 | Ethephon Improved Stalk Strength of Maize ( <i>Zea Mays</i> L.) Mainly through Altering Internode Morphological Traits to Modulate Mechanical Properties under Field Conditions. <i>Agronomy</i> , 2019, 9, 186.      | 1.3 | 15        |
| 42 | A novel ABA functional analogue B2 enhances drought tolerance in wheat. <i>Scientific Reports</i> , 2019, 9, 2887.  | 1.6 | 21        |
| 43 | The Importance of Cl <sup>-</sup> Exclusion and Vacuolar Cl <sup>-</sup> Sequestration: Revisiting the Role of Cl <sup>-</sup> Transport in Plant Salt Tolerance. <i>Frontiers in Plant Science</i> , 2019, 10, 1418. | 1.7 | 56        |
| 44 | Mepiquat chloride promotes cotton lateral root formation by modulating plant hormone homeostasis. <i>BMC Plant Biology</i> , 2019, 19, 573.   | 1.6 | 21        |
| 45 | The Cotton High-Affinity K <sup>+</sup> Transporter, GhHAK5a, Is Essential for Shoot Regulation of K <sup>+</sup> Uptake in Root under Potassium Deficiency. <i>Plant and Cell Physiology</i> , 2019, 60, 888-899.    | 1.5 | 21        |
| 46 | Application of Brassinosteroid Mimetics Improves Growth and Tolerance of Maize to Nicosulfuron Toxicity. <i>Journal of Plant Growth Regulation</i> , 2019, 38, 701-712.   | 2.8 | 21        |
| 47 | Inferring Roles in Defense from Metabolic Allocation of Rice Diterpenoids. <i>Plant Cell</i> , 2018, 30, 1119-1131.   | 3.1 | 55        |
| 48 | A Novel Bikinin Analogue for Arabidopsis and Rice with Superior Plant Growth-Promoting Activity. <i>Journal of Plant Growth Regulation</i> , 2018, 37, 166-173.   | 2.8 | 7         |
| 49 | Lignosulfonate Improves Photostability and Bioactivity of Abscisic Acid under Ultraviolet Radiation. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 6585-6593.   | 2.4 | 23        |
| 50 | A Novel Plant Growth Regulator Alleviates High-Temperature Stress in Maize. <i>Agronomy Journal</i> , 2018, 110, 2350-2359.   | 0.9 | 5         |
| 51 | The effects of mepiquat chloride on the lateral root initiation of cotton seedlings are associated with auxin and auxin-conjugate homeostasis. <i>BMC Plant Biology</i> , 2018, 18, 361.                              | 1.6 | 8         |
| 52 | RhizoChamber-Monitor: a robotic platform and software enabling characterization of root growth. <i>Plant Methods</i> , 2018, 14, 44.  | 1.9 | 29        |
| 53 | Coronatine enhances drought tolerance in winter wheat by maintaining high photosynthetic performance. <i>Journal of Plant Physiology</i> , 2018, 228, 59-65.  | 1.6 | 15        |
| 54 | Use of the beta growth function to quantitatively characterize the effects of plant density and a growth regulator on growth and biomass partitioning in cotton. <i>Field Crops Research</i> , 2018, 224, 28-36.      | 2.3 | 25        |

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|----|--|-----|-----------|
| 55 | RD26 mediates crosstalk between drought and brassinosteroid signalling pathways. <i>Nature Communications</i> , 2017, 8, 14573.  | 5.8 | 202       |
| 56 | Selective Autophagy of BES1 Mediated by DSK2 Balances Plant Growth and Survival. <i>Developmental Cell</i> , 2017, 41, 33-46.e7.   | 3.1 | 262       |
| 57 | Ethephon improved drought tolerance in maize seedlings by modulating cuticular wax biosynthesis and membrane stability. <i>Journal of Plant Physiology</i> , 2017, 214, 123-133.                               | 1.6 | 27        |
| 58 | Arabidopsis WRKY46, WRKY54 and WRKY70 Transcription Factors Are Involved in Brassinosteroid-Regulated Plant Growth and Drought Response. <i>Plant Cell</i> , 2017, 29, tpc.00364.2017.                         | 3.1 | 286       |
| 59 | Regulation of cotton ( <i>Gossypium hirsutum</i> ) drought responses by mitogen-activated protein (MAP) kinase cascade-mediated phosphorylation of GhWRKY59. <i>New Phytologist</i> , 2017, 215, 1462-1475.    | 3.5 | 91        |
| 60 | Interactions of Single Mepiquat Chloride Application at Different Growth Stages with Climate, Cultivar, and Plant Population for Cotton Yield. <i>Crop Science</i> , 2017, 57, 1713-1724.                      | 0.8 | 19        |
| 61 | Dissection of the molecular genetic architecture of the ratio of ear to plant heights in response to ethylene by a RIL population with SNPs marker in maize. <i>Acta Physiologiae Plantarum</i> , 2017, 39, 1. | 1.0 | 2         |
| 62 | Cotton Yield and Potassium Use Efficiency as Affected by Potassium Fertilizer Management with Stalks Returned to Field. <i>Crop Science</i> , 2016, 56, 740-746.   | 0.8 | 11        |
| 63 | Effect of planting date and plant density on cotton traits as relating to mechanical harvesting in the Yellow River valley region of China. <i>Field Crops Research</i> , 2016, 198, 112-121.                  | 2.3 | 24        |
| 64 | Increased abscisic acid levels in transgenic maize overexpressing <i>AtLOS5</i> mediated root ion fluxes and leaf water status under salt stress. <i>Journal of Experimental Botany</i> , 2016, 67, 1339-1355. | 2.4 | 68        |
| 65 | Identification of plant configurations maximizing radiation capture in relay strip cotton using a functional structural plant model. <i>Field Crops Research</i> , 2016, 187, 1-11.                            | 2.3 | 22        |
| 66 | Functional and binding characterization of a single chain Fv antibody to abscisic acid and conjugated abscisic acid. <i>Food and Agricultural Immunology</i> , 2016, 27, 624-642.                              | 0.7 | 2         |
| 67 | Photoprotectant improves photostability and bioactivity of abscisic acid under UV radiation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 158, 99-104.                                 | 1.7 | 12        |
| 68 | Hapten Synthesis and Monoclonal Antibody-Based Immunoassay Development for the Analysis of Thidiazuron. <i>Journal of Plant Growth Regulation</i> , 2016, 35, 357-365.   | 2.8 | 2         |
| 69 | Phytotoxin coronatine enhances heat tolerance via maintaining photosynthetic performance in wheat based on Electrophoresis and TOF-MS analysis. <i>Scientific Reports</i> , 2015, 5, 13870.                    | 1.6 | 19        |
| 70 | Yield components and quality of intercropped cotton in response to mepiquat chloride and plant density. <i>Field Crops Research</i> , 2015, 179, 63-71.  | 2.3 | 56        |
| 71 | Dose-Dependent Effects of Coronatine on Cotton Seedling Growth Under Salt Stress. <i>Journal of Plant Growth Regulation</i> , 2015, 34, 651-664.   | 2.8 | 22        |
| 72 | Cellular and Subcellular Immunohistochemical Localization and Quantification of Cadmium Ions in Wheat ( <i>Triticum aestivum</i> ). <i>PLoS ONE</i> , 2015, 10, e0123779.                                      | 1.1 | 8         |

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|----|---|-----|-----------|
| 73 | Modulation of RNA Polymerase II Phosphorylation Downstream of Pathogen Perception Orchestrates Plant Immunity. <i>Cell Host and Microbe</i> , 2014, 16, 748-758.  | 5.1 | 70        |
| 74 | Predicting the effects of environment and management on cotton fibre growth and quality: a functional-structural plant modelling approach. <i>AoB PLANTS</i> , 2014, 6, plu040-plu040.                            | 1.2 | 16        |
| 75 | Modelling the structural response of cotton plants to mepiquat chloride and population density. <i>Annals of Botany</i> , 2014, 114, 877-887.   | 1.4 | 41        |
| 76 | Cytoplasmic diversity of the cotton genus as revealed by chloroplast microsatellite markers. <i>Genetic Resources and Crop Evolution</i> , 2014, 61, 107-119.   | 0.8 | 17        |
| 77 | Physical limitations and challenges to Grain Security in China. <i>Food Security</i> , 2014, 6, 159-167.  | 2.4 | 13        |
| 78 | Plant growth regulation enhanced potassium uptake and use efficiency in cotton. <i>Field Crops Research</i> , 2014, 163, 109-118.   | 2.3 | 27        |
| 79 | SILICON MITIGATES ULTRAVIOLET-B RADIATION STRESS ON SOYBEAN BY ENHANCING CHLOROPHYLL AND PHOTOSYNTHESIS AND REDUCING TRANSPIRATION. <i>Journal of Plant Nutrition</i> , 2014, 37, 837-849.                        | 0.9 | 15        |
| 80 | SILICON EFFECTS ON THE PARTITIONING OF MINERAL ELEMENTS IN SOYBEAN SEEDLINGS UNDER DROUGHT AND ULTRAVIOLET-B RADIATION. <i>Journal of Plant Nutrition</i> , 2014, 37, 828-836.                                    | 0.9 | 11        |
| 81 | Functional characterization of GhAKT1, a novel Shaker-like K <sup>+</sup> channel gene involved in K <sup>+</sup> uptake from cotton ( <i>Gossypium hirsutum</i> ). <i>Gene</i> , 2014, 545, 61-71.               | 1.0 | 19        |
| 82 | The effect of mepiquat chloride on elongation of cotton ( <i>Gossypium hirsutum</i> L.) internode is associated with low concentration of gibberellic acid. <i>Plant Science</i> , 2014, 225, 15-23.              | 1.7 | 63        |
| 83 | Histone Lysine Methyltransferase SDG8 Is Involved in Brassinosteroid-Regulated Gene Expression in <i>Arabidopsis thaliana</i> . <i>Molecular Plant</i> , 2014, 7, 1303-1315.                                      | 3.9 | 64        |
| 84 | Crop growth, light utilization and yield of relay intercropped cotton as affected by plant density and a plant growth regulator. <i>Field Crops Research</i> , 2014, 155, 67-76.                                  | 2.3 | 131       |
| 85 | The Phytotoxin Coronatine Induces Abscission-Related Gene Expression and Boll Ripening during Defoliation of Cotton. <i>PLoS ONE</i> , 2014, 9, e97652.   | 1.1 | 19        |
| 86 | Construction of a linkage map and QTL mapping for fiber quality traits in upland cotton ( <i>Gossypium</i> ) Tj ETQq0 0 0 rBT /Overlock 10 Tf   | 1.7 | 59        |
| 87 | Managing mepiquat chloride and plant density for optimal yield and quality of cotton. <i>Field Crops Research</i> , 2013, 149, 1-10.  | 2.3 | 85        |
| 88 | Grafting Imparts Glyphosate Resistance in Soybean. <i>Weed Technology</i> , 2013, 27, 412-416.  | 0.4 | 7         |
| 89 | Expression of an <i>Arabidopsis</i> molybdenum cofactor sulphurase gene in soybean enhances drought tolerance and increases yield under field conditions. <i>Plant Biotechnology Journal</i> , 2013, 11, 747-758. | 4.1 | 101       |
| 90 | Evolution of mitochondrial gene content: loss of genes, tRNAs and introns between <i>Gossypium harknessii</i> and other plants. <i>Plant Systematics and Evolution</i> , 2013, 299, 1889-1897.                    | 0.3 | 17        |

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|-----|---|------|-----------|
| 91  | Interâ€species protein trafficking endows dodder ( <i>Cuscuta pentagona</i> ) with a hostâ€specific herbicideâ€tolerant trait. <i>New Phytologist</i> , 2013, 198, 1017-1022.   | 3.5  | 20        |
| 92  | Cotton <i>Gh</i> <i>BAK1</i> Mediates <i>Verticillium</i> Wilt Resistance and Cell Death. <i>Journal of Integrative Plant Biology</i> , 2013, 55, 586-596.  | 4.1  | 84        |
| 93  | Overexpression of Arabidopsis Molybdenum Cofactor Sulfurase Gene Confers Drought Tolerance in Maize ( <i>Zea mays</i> L.). <i>PLoS ONE</i> , 2013, 8, e52126.   | 1.1  | 95        |
| 94  | Overexpression of the AtLOS5 gene increased abscisic acid level and drought tolerance in transgenic cotton. <i>Journal of Experimental Botany</i> , 2012, 63, 3741-3748.  | 2.4  | 97        |
| 95  | Enhanced UVâ€B Radiation Increases Glyphosate Resistance in Velvetleaf ( <i>Abutilon theophrasti</i> ). <i>Photochemistry and Photobiology</i> , 2012, 88, 1428-1432.   | 1.3  | 5         |
| 96  | Japanese Foxtail ( <i>Alopecurus japonicus</i> ) Resistance to Fenoxaprop and Pinoxaden in China. <i>Weed Science</i> , 2012, 60, 167-171.  | 0.8  | 35        |
| 97  | SOS1 gene overexpression increased salt tolerance in transgenic tobacco by maintaining a higher K <sup>+</sup> /Na <sup>+</sup> ratio. <i>Journal of Plant Physiology</i> , 2012, 169, 255-261.   | 1.6  | 170       |
| 98  | The effect of phosphate buffer solutions on uniconazole complexation with hydroxypropyl-â€cyclodextrin and methyl-â€cyclodextrin. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2012, 73, 193-198.                              | 1.6  | 7         |
| 99  | Physiological Evaluation of Drought Stress Tolerance and Recovery in Cauliflower ( <i>Brassica</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T<br>Regulation, 2012, 31, 113-123.  | 2.8  | 112       |
| 100 | Arabidopsis LOS5/ABA3 overexpression in transgenic tobacco ( <i>Nicotiana tabacum</i> cv. Xanthi-nc) results in enhanced drought tolerance. <i>Plant Science</i> , 2011, 181, 405-411.  | 1.7  | 37        |
| 101 | Silencing <i>GhNDR1</i> and <i>GhMCK2</i> compromises cotton resistance to <i>Verticillium</i> wilt. <i>Plant Journal</i> , 2011, 66, 293-305.  | 2.8  | 222       |
| 102 | Expression Profile of Early Responsive Genes Under Salt Stress in Upland Cotton ( <i>Gossypium hirsutum</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 T<br>1.08  | 1.08 | 70        |
| 103 | Effects of dapA gene deletion on coronatine biosynthesis in <i>Pseudomonas syringae</i> pv. <i>glycinea</i> PG4180. <i>World Journal of Microbiology and Biotechnology</i> , 2011, 27, 325-331.   | 1.7  | 0         |
| 104 | Increased UVâ€B Radiation Affects the Viability, Reactive Oxygen Species Accumulation and Antioxidant Enzyme Activities in Maize ( <i>Zea mays</i> L.) Pollen. <i>Photochemistry and Photobiology</i> , 2010, 86, 110-116.                          | 1.3  | 73        |
| 105 | GENOTYPIC VARIATIONS IN POTASSIUM UPTAKE AND UTILIZATION IN COTTON. <i>Journal of Plant Nutrition</i> , 2010, 34, 83-97.  | 0.9  | 27        |
| 106 | Nutrient Acquisition by Soybean Treated with and without Silicon under Ultraviolet-B Radiation. <i>Journal of Plant Nutrition</i> , 2009, 32, 1731-1743.  | 0.9  | 22        |
| 107 | Coronatineâ€induced lateralâ€root formation in cotton ( <i>Gossypium hirsutum</i> ) seedlings under potassiumâ€sufficient and â€deficient conditions in relation to auxin. <i>Journal of Plant Nutrition and Soil Science</i> , 2009, 172, 435-444. | 1.1  | 25        |
| 108 | Brassinolide alleviated the adverse effect of water deficits on photosynthesis and the antioxidant of soybean ( <i>Glycine max</i> L.). <i>Plant Growth Regulation</i> , 2008, 56, 257-264.   | 1.8  | 119       |



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|-----|---|-----|-----------|
| 109 | The fate of Cry1Ac Bt toxin during oyster mushroom ( <i>Pleurotus ostreatus</i> ) cultivation on transgenic Bt cottonseed hulls. <i>Journal of the Science of Food and Agriculture</i> , 2008, 88, 214-217.   | 1.7 | 4         |
| 110 | Coronatine alleviates salinity stress in cotton by improving the antioxidative defense system and radical-scavenging activity. <i>Journal of Plant Physiology</i> , 2008, 165, 375-384.   | 1.6 | 126       |
| 111 | Spike Differentiation in Winter Wheat ( <i>Triticum aestivum</i> L.) Mulched with Plastic Films During Over-Wintering Period. <i>Agroecology and Sustainable Food Systems</i> , 2008, 31, 133-144.  | 0.9 | 5         |
| 112 | Effects of Coronatine on Growth, Gas Exchange Traits, Chlorophyll Content, Antioxidant Enzymes and Lipid Peroxidation in Maize ( <i>Zea mays</i> L.) Seedlings under Simulated Drought Stress. <i>Plant Production Science</i> , 2008, 11, 283-290. | 0.9 | 33        |
| 113 | Uniconazole-induced tolerance of soybean to water deficit stress in relation to changes in photosynthesis, hormones and antioxidant system. <i>Journal of Plant Physiology</i> , 2007, 164, 709-717.  | 1.6 | 142       |
| 114 | Differential Responses of Conventional and Bt-Transgenic Cotton to Potassium Deficiency. <i>Journal of Plant Nutrition</i> , 2007, 30, 659-670.   | 0.9 | 67        |
| 115 | Genetic Diversity of Wild Oat ( <i>Avena fatua</i> ) Populations from China and the United States. <i>Weed Science</i> , 2007, 55, 95-101.  | 0.8 | 29        |
| 116 | Variations in Growth, Photosynthesis and Defense System Among Four Weed Species Under Increased UV-B Radiation. <i>Journal of Integrative Plant Biology</i> , 2007, 49, 621-627.  | 4.1 | 10        |
| 117 | NaCl salinity stress decreased <i>Bacillus thuringiensis</i> (Bt) protein content of transgenic Bt cotton ( <i>Gossypium hirsutum</i> L.) seedlings. <i>Environmental and Experimental Botany</i> , 2006, 55, 315-320.                              | 2.0 | 46        |
| 118 | Saving Irrigation Water for Winter Wheat with Phosphorus Application in the North China Plain. <i>Journal of Plant Nutrition</i> , 2005, 28, 2001-2010.   | 0.9 | 18        |
| 119 | Optimizing irrigation scheduling for winter wheat in the North China Plain. <i>Agricultural Water Management</i> , 2005, 76, 8-23.  | 2.4 | 175       |
| 120 | Contact activity of difenzoquat differs from that of paraquat. <i>Pest Management Science</i> , 2003, 59, 928-932.  | 1.7 | 1         |
| 121 | Evaluation of the Potential of Diquat (1,1-Ethylene-2,2-bipyridyl) to Assist Maize Mechanical Harvesting As a Desiccant. <i>ACS Agricultural Science and Technology</i> , 0, , .  | 1.0 | 1         |