

Guoqiang Fan

List of Publications by Year in descending order

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papers

503
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567281

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#	ARTICLE	IF	CITATIONS
1	Plant-Pathogen Interaction, Circadian Rhythm, and Hormone-Related Gene Expression Provide Indicators of Phytoplasma Infection in <i>Paulownia fortunei</i> . <i>International Journal of Molecular Sciences</i> , 2014, 15, 23141-23162.	4.1	41
2	Genomic insights into the fast growth of paulownias and the formation of <i>Paulownia witches'</i> broom. <i>Molecular Plant</i> , 2021, 14, 1668-1682.	8.3	39
3	Transcriptome, microRNA, and degradome analyses of the gene expression of <i>Paulownia</i> with phytoplasma. <i>BMC Genomics</i> , 2015, 16, 896.	2.8	29
4	Phenylpropanoid metabolism, hormone biosynthesis and signal transduction-related genes play crucial roles in the resistance of <i>Paulownia fortunei</i> to paulownia witches' broom phytoplasma infection. <i>Genes and Genomics</i> , 2015, 37, 913-929.	1.4	28
5	Dynamic expression of novel and conserved microRNAs and their targets in diploid and tetraploid of <i>Paulownia tomentosa</i> . <i>Biochimie</i> , 2014, 102, 68-77.	2.6	24
6	Comparative Analysis and Identification of miRNAs and Their Target Genes Responsive to Salt Stress in Diploid and Tetraploid <i>Paulownia fortunei</i> Seedlings. <i>PLoS ONE</i> , 2016, 11, e0149617.	2.5	24
7	Transcriptome-Wide Profiling and Expression Analysis of Diploid and Autotetraploid <i>Paulownia tomentosa</i> – <i>Paulownia fortunei</i> under Drought Stress. <i>PLoS ONE</i> , 2014, 9, e113313.	2.5	23
8	Proteome Profiling of <i>Paulownia</i> Seedlings Infected with Phytoplasma. <i>Frontiers in Plant Science</i> , 2017, 8, 342.	3.6	23
9	Identification of Genes Related to <i>Paulownia Witches' Broom</i> by AFLP and MSAP. <i>International Journal of Molecular Sciences</i> , 2014, 15, 14669-14683.	4.1	22
10	Genome-wide expression analysis of salt-stressed diploid and autotetraploid <i>Paulownia tomentosa</i> . <i>PLoS ONE</i> , 2017, 12, e0185455.	2.5	22
11	Discovery of microRNAs and transcript targets related to witches' broom disease in <i>Paulownia fortunei</i> by high-throughput sequencing and degradome approach. <i>Molecular Genetics and Genomics</i> , 2016, 291, 181-191.	2.1	21
12	Genome-wide expression profiling of the transcriptomes of four <i>Paulownia tomentosa</i> accessions in response to drought. <i>Genomics</i> , 2014, 104, 295-305.	2.9	20
13	Changes in Transcript Related to Osmosis and Intracellular Ion Homeostasis in <i>Paulownia tomentosa</i> under Salt Stress. <i>Frontiers in Plant Science</i> , 2016, 7, 384.	3.6	18
14	Transcriptome/Degradome-Wide Discovery of MicroRNAs and Transcript Targets in Two <i>Paulownia australis</i> Genotypes. <i>PLoS ONE</i> , 2014, 9, e106736.	2.5	18
15	Drought stress-induced changes of microRNAs in diploid and autotetraploid <i>Paulownia tomentosa</i> . <i>Genes and Genomics</i> , 2017, 39, 77-86.	1.4	17
16	Dissecting the proteome dynamics of the salt stress induced changes in the leaf of diploid and autotetraploid <i>Paulownia fortunei</i> . <i>PLoS ONE</i> , 2017, 12, e0181937.	2.5	15
17	Comparative proteomic analysis of autotetraploid and diploid <i>Paulownia tomentosa</i> reveals proteins associated with superior photosynthetic characteristics and stress adaptability in autotetraploid <i>Paulownia</i> . <i>Physiology and Molecular Biology of Plants</i> , 2017, 23, 605-617.	3.1	14
18	Quantitative Proteomic and Transcriptomic Study on Autotetraploid <i>Paulownia</i> and Its Diploid Parent Reveal Key Metabolic Processes Associated with <i>Paulownia</i> Autotetraploidization. <i>Frontiers in Plant Science</i> , 2016, 7, 892.	3.6	13

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19	Identification of microRNAs and their targets in Paulownia fortunei plants free from phytoplasma pathogen after methyl methane sulfonate treatment. <i>Biochimie</i> , 2016, 127, 271-280.	2.6	12
20	Morphological Changes of Paulownia Seedlings Infected Phytoplasmas Reveal the Genes Associated with Witches' Broom through AFLP and MSAP. <i>PLoS ONE</i> , 2014, 9, e112533.	2.5	12
21	Comparative Proteomic Analysis of Paulownia fortunei Response to Phytoplasma Infection with Dimethyl Sulfate Treatment. <i>International Journal of Genomics</i> , 2017, 2017, 1-11.	1.6	11
22	ceRNA Cross-Talk in Paulownia Witches' Broom Disease. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2463.	4.1	11
23	Transcriptome and Degradome of microRNAs and Their Targets in Response to Drought Stress in the Plants of a Diploid and Its Autotetraploid Paulownia australis. <i>PLoS ONE</i> , 2016, 11, e0158750.	2.5	9
24	Identification of genes related to the phenotypic variations of a synthesized Paulownia (Paulownia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.2	8
25	Comparative Analysis of MicroRNA Expression in Three Paulownia Species with Phytoplasma Infection. <i>Forests</i> , 2018, 9, 302.	2.1	7
26	Transcriptome and Small RNA Sequencing Analysis Revealed Roles of PaWB-Related miRNAs and Genes in Paulownia fortunei. <i>Forests</i> , 2018, 9, 397.	2.1	5
27	Genome-wide expression analysis of transcripts, microRNAs, and the degradome in Paulownia tomentosa under drought stress. <i>Tree Genetics and Genomes</i> , 2017, 13, 1.	1.6	4
28	Discovery of MicroRNAs and Their Target Genes Related to Drought in <i>Paulownia</i> 'Yuza' by High-Throughput Sequencing. <i>International Journal of Genomics</i> , 2017, 2017, 1-11.	1.6	4
29	Comparative analysis of microRNAs and putative target genes in hybrid clone Paulownia 'yuza' under drought stress. <i>Acta Physiologiae Plantarum</i> , 2016, 38, 1.	2.1	3
30	Comparative Transcriptomics Analysis of Phytohormone-Related Genes and Alternative Splicing Events Related to Witches' Broom in Paulownia. <i>Forests</i> , 2018, 9, 318.	2.1	3
31	Genome-wide DNA methylation analysis of paulownia with phytoplasma infection. <i>Gene</i> , 2020, 755, 144905.	2.2	3