Guoqiang Fan

List of Publications by Year
in descending order

31 papers	503 citations	567281 15 h-index	713466 21 g-index
31 all docs	31 docs citations	31 times ranked	357 citing authors

#	Article	IF	Citations
1	Genomic insights into the fast growth of paulownias and the formation of Paulownia witches' broom. Molecular Plant, 2021, 14, 1668-1682.	8.3	39
2	Genome-wide DNA methylation analysis of paulownia with phytoplasma infection. Gene, 2020, 755, 144905.	2.2	3
3	Transcriptome and Small RNA Sequencing Analysis Revealed Roles of PaWB-Related miRNAs and Genes in Paulownia fortunei. Forests, 2018, 9, 397.	2.1	5
4	Comparative Analysis of MicroRNA Expression in Three Paulownia Species with Phytoplasma Infection. Forests, 2018, 9, 302.	2.1	7
5	Comparative Transcriptomics Analysis of Phytohormone-Related Genes and Alternative Splicing Events Related to Witchesâ€™ Broom in Paulownia. Forests, 2018, 9, 318.	2.1	3
6	ceRNA Cross-Talk in Paulownia Witchesâ€™ Broom Disease. International Journal of Molecular Sciences, 2018, 19, 2463.	4.1	11
7	Comparative proteomic analysis of autotetraploid and diploid Paulownia tomentosa reveals proteins associated with superior photosynthetic characteristics and stress adaptability in autotetraploid Paulownia. Physiology and Molecular Biology of Plants, 2017, 23, 605-617.	3.1	14
8	Drought stress-induced changes of microRNAs in diploid and autotetraploid Paulownia tomentosa. Genes and Genomics, 2017, 39, 77-86.	1.4	17
9	Genome-wide expression analysis of transcripts, microRNAs, and the degradome in Paulownia tomentosa under drought stress. Tree Genetics and Genomes, 2017, 13, 1.	1.6	4
10	Proteome Profiling of Paulownia Seedlings Infected with Phytoplasma. Frontiers in Plant Science, 2017, 8, 342.	3.6	23
11	Comparative Proteomic Analysis of Paulownia fortunei Response to Phytoplasma Infection with Dimethyl Sulfate Treatment. International Journal of Genomics, 2017, 2017, 1-11.	1.6	11
12	Discovery of MicroRNAs and Their Target Genes Related to Drought in Paulownia â€œYuza 1â€•by High-Throughput Sequencing. International Journal of Genomics, 2017, 2017, 1-11.	1.6	4
13	Dissecting the proteome dynamics of the salt stress induced changes in the leaf of diploid and autotetraploid Paulownia fortunei. PLoS ONE, 2017, 12, e0181937.	2.5	15
14	Genome-wide expression analysis of salt-stressed diploid and autotetraploid Paulownia tomentosa. PLoS ONE, 2017, 12, e0185455.	2.5	22
15	Changes in Transcript Related to Osmosis and Intracellular Ion Homeostasis in Paulownia tomentosa under Salt Stress. Frontiers in Plant Science, 2016, 7, 384.	3.6	18
16	Quantitative Proteomic and Transcriptomic Study on Autotetraploid Paulownia and Its Diploid Parent Reveal Key Metabolic Processes Associated with Paulownia Autotetraploidization. Frontiers in Plant Science, 2016, 7, 892.	3.6	13
17	Comparative analysis of microRNAs and putative target genes in hybrid clone Paulownia â€˜yuza 1â€™ under drought stress. Acta Physiologiae Plantarum, 2016, 38, 1.	2.1	3
18	Identification of microRNAs and their targets in Paulownia fortunei plants free from phytoplasma pathogen after methyl methane sulfonate treatment. Biochimie, 2016, 127, 271-280.	2.6	12

#	Article	IF	Citations
19	Discovery of microRNAs and transcript targets related to witchesâ€™ broom disease in Paulownia fortunei by high-throughput sequencing and degradome approach. Molecular Genetics and Genomics, 2016, 291, 181-191.	2.1	21
20	Comparative Analysis and Identification of miRNAs and Their Target Genes Responsive to Salt Stress in Diploid and Tetraploid Paulownia fortunei Seedlings. PLoS ONE, 2016, 11, e0149617.	2.5	24
21	Transcriptome and Degradome of microRNAs and Their Targets in Response to Drought Stress in the Plants of a Diploid and Its Autotetraploid Paulownia australis. PLoS ONE, 2016, 11, e0158750.	2.5	9
22	Transcriptome, microRNA, and degradome analyses of the gene expression of Paulownia with phytoplamsa. BMC Genomics, 2015, 16, 896.	2.8	29
23	Phenylpropanoid metabolism, hormone biosynthesis and signal transduction-related genes play crucial roles in the resistance of Paulownia fortunei to paulownia witchesâ€™ broom phytoplasma infection. Genes and Genomics, 2015, 37, 913-929.	1.4	28
24	Transcriptome-Wide Profiling and Expression Analysis of Diploid and Autotetraploid Paulownia tomentosa Ã— Paulownia fortunei under Drought Stress. PLoS ONE, 2014, 9, e113313.	2.5	23
25	Plant-Pathogen Interaction, Circadian Rhythm, and Hormone-Related Gene Expression Provide Indicators of Phytoplasma Infection in Paulownia fortunei. International Journal of Molecular Sciences, 2014, 15, 23141-23162.	4.1	41
26	Identification of Genes Related to Paulownia Witchesâ€™ Broom by AFLP and MSAP. International Journal of Molecular Sciences, 2014, 15, 14669-14683.	4.1	22
27	Dynamic expression of novel and conserved microRNAs and their targets in diploid and tetraploid of Paulownia tomentosa. Biochimie, 2014, 102, 68-77.	2.6	24
28	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
29	Genome-wide expression profiling of the transcriptomes of four Paulownia tomentosa accessions in response to drought. Genomics, 2014, 104, 295-305.	2.9	20
30	Transcriptome/Degradome-Wide Discovery of MicroRNAs and Transcript Targets in Two Paulownia australis Genotypes. PLoS ONE, 2014, 9, e106736.	2.5	18
31	Morphological Changes of Paulownia Seedlings Infected Phytoplasmas Reveal the Genes Associated with Witches' Broom through AFLP and MSAP. PLoS ONE, 2014, 9, e112533.	2.5	12