Changai Wu

List of Publications by Year
in descending order

44 papers	2,705 citations	230014 27 h-index	274796 44 g-index
50 all docs	50 docs citations	50 times ranked	3722 citing authors

#	Article	IF	Citations
1	MaizeHEAT UP-REGULATED GENE 1plays vital roles in heat stress tolerance. Journal of Experimental Botany, 2022, 73, 6417-6433.	2.4	9
2	Function identification of MdTIR1 in apple root growth benefited from the predicted MdPPI network. Journal of Integrative Plant Biology, 2021, 63, 723-739.	4.1	11
3	Dual roles of the serine/arginineâ€rich splicing factor SR45a in promoting and interacting with nuclear capâ€binding complex to modulate the saltâ€stress response in Arabidopsis. New Phytologist, 2021, 230, 641-655.	3.5	41
4	RING finger protein RGLG1 and RGLG2 negatively modulate MAPKKK18 mediated drought stress tolerance in Arabidopsis. Journal of Integrative Plant Biology, 2021, 63, 484-493.	4.1	22
5	Regulation of the stability and ABA import activity of NRT1.2/NPF4.6 by CEPR2-mediated phosphorylation in Arabidopsis. Molecular Plant, 2021, 14, 633-646.	3.9	39
6	SiCEP3, a C-terminally encoded peptide from Setaria italica, promotes ABA import and signaling. Journal of Experimental Botany, 2021, 72, 6260-6273.	2.4	13
7	The Brassicaceaeâ€specific secreted peptides, STMPs, function in plant growth and pathogen defense. Journal of Integrative Plant Biology, 2020, 62, 403-420.	4.1	26
8	PLATZ2 negatively regulates salt tolerance in Arabidopsis seedlings by directly suppressing the expression of the CBL4/SOS3 and CBL10/SCaBP8 genes. Journal of Experimental Botany, 2020, 71, 5589-5602.	2.4	42
9	CEPR2 phosphorylates and accelerates the degradation of PYR/PYLs in Arabidopsis. Journal of Experimental Botany, 2019, 70, 5457-5469.	2.4	65
10	CYSTM3 negatively regulates salt stress tolerance in Arabidopsis. Plant Molecular Biology, 2019, 99, 395-406.	2.0	25
11	The Importance of Conserved Serine for C-Terminally Encoded Peptides Function Exertion in Apple. International Journal of Molecular Sciences, 2019, 20, 775.	1.8	9
12	SES1 positively regulates heat stress resistance in Arabidopsis. Biochemical and Biophysical Research Communications, 2019, 513, 582-588.	1.0	7
13	CYSTM, a Novel Non-Secreted Cysteine-Rich Peptide Family, Involved in Environmental Stresses in Arabidopsis thaliana. Plant and Cell Physiology, 2018, 59, 423-438.	1.5	40
14	Expression of cotton PLATZ1 in transgenic Arabidopsis reduces sensitivity to osmotic and salt stress for germination and seedling establishment associated with modification of the abscisic acid, gibberellin, and ethylene signalling pathways. BMC Plant Biology, 2018, 18, 218.	1.6	51
15	SENSITIVE TO SALT1, An Endoplasmic Reticulum-Localized Chaperone, Positively Regulates Salt Resistance. Plant Physiology, 2018, 178, 1390-1405.	2.3	27
16	Arabidopsis MAPKKK18 positively regulates drought stress resistance via downstream MAPKK3. Biochemical and Biophysical Research Communications, 2017, 484, 292-297.	1.0	85
17	Salt and methyl jasmonate aggravate growth inhibition and senescence in Arabidopsis seedlings via the JA signaling pathway. Plant Science, 2017, 261, 1-9.	1.7	44
18	Delayed germination of Arabidopsis seeds under chilling stress by overexpressing an abiotic stress inducible GhTPS11. Gene, 2016, 575, 206-212.	1.0	27

#	Article	IF	Citations
19	Salt-induced transcription factorMYB74is regulated by the RNA-directed DNA methylation pathway inArabidopsis. Journal of Experimental Botany, 2015, 66, 5997-6008.	2.4	148
20	SCF E3 ligase PP2-B11 plays a positive role in response to salt stress inArabidopsis. Journal of Experimental Botany, 2015, 66, 4683-4697.	2.4	75
21	Overexpression of tomato SlNAC1transcription factor alters fruit pigmentation and softening. BMC Plant Biology, 2014, 14, 351.	1.6	155
22	The SCF E3 Ligase AtPP2-B11 Plays a Negative Role in Response to Drought Stress in Arabidopsis. Plant Molecular Biology Reporter, 2014, 32, 943-956.	1.0	29
23	Overexpression of Arabidopsis Wali7 Domain-Containing Protein ASR Produces Auxin-Mediated Short-Root Phenotype. Journal of Plant Growth Regulation, 2014, 33, 355-363.	2.8	1
24	Overexpression of Late Embryogenesis Abundant 14 enhances Arabidopsis salt stress tolerance. Biochemical and Biophysical Research Communications, 2014, 454, 505-511.	1.0	77
25	Overexpression of cotton <scp>GhMKK4</scp> enhances disease susceptibility and affects abscisic acid, gibberellin and hydrogen peroxide signalling in transgenic <scp>N</scp>icotiana benthamiana. Molecular Plant Pathology, 2014, 15, 94-108.	2.0	39
26	Arabidopsis SAG protein containing the MDN1 domain participates in seed germination and seedling development by negatively regulating ABI3 and ABI5. Journal of Experimental Botany, 2014, 65, 35-45.	2.4	24
27	GhWRKY40, a Multiple Stress-Responsive Cotton WRKY Gene, Plays an Important Role in the Wounding Response and Enhances Susceptibility to Ralstonia solanacearum Infection in Transgenic Nicotiana benthamiana. PLoS ONE, 2014, 9, e93577.	1.1	73
28	TM6, a Novel Nuclear Matrix Attachment Region, Enhances Its Flanking Gene Expression through Influencing Their Chromatin Structure. Molecules and Cells, 2013, 36, 127-137.	1.0	18
29	Transcript profiling of microRNAs during the early development of the maize brace root via Solexa sequencing. Genomics, 2013, 101, 149-156.	1.3	18
30	NFYA1 Is Involved in Regulation of Postgermination Growth Arrest Under Salt Stress in Arabidopsis. PLoS ONE, 2013, 8, e61289.	1.1	84
31	Characterization and functional analysis of GhRDR6, a novel RDR6 gene from cotton (Gossypium hirsutum L.). Bioscience Reports, 2012, 32, 139-151.	1.1	16
32	Cotton GhMKK5 affects disease resistance, induces HR-like cell death, and reduces the tolerance to salt and drought stress in transgenic Nicotiana benthamiana. Journal of Experimental Botany, 2012, 63, 3935-3951.	2.4	115
33	Identification and characterization of fructose 1,6-bisphosphate aldolase genes in Arabidopsis reveal a gene family with diverse responses to abiotic stresses. Gene, 2012, 503, 65-74.	1.0	145
34	GhWRKY15, a member of the WRKY transcription factor family identified from cotton (Gossypium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.6	147
35	Transcript profiling during salt stress of young cotton (Gossypium hirsutum) seedlings via Solexa sequencing. Acta Physiologiae Plantarum, 2012, 34, 107-115.	1.0	38
36	The Mitochondrial Phosphate Transporters Modulate Plant Responses to Salt Stress via Affecting ATP and Gibberellin Metabolism in Arabidopsis thaliana. PLoS ONE, 2012, 7, e43530.	1.1	98

#	Article	IF	Citations
37	Cotton GhMPK2 is involved in multiple signaling pathways and mediates defense responses to pathogen infection and oxidative stress. FEBS Journal, 2011, 278, 1367-1378.	2.2	49
38	A cotton group C MAP kinase gene, GhMPK2, positively regulates salt and drought tolerance in tobacco. Plant Molecular Biology, 2011, 77, 17-31.	2.0	121
39	Genome-wide analysis of the RING finger gene family in apple. Molecular Genetics and Genomics, 2011, 286, 81-94.	1.0	55
40	GhMPK16, a novel stress-responsive group D MAPK gene from cotton, is involved in disease resistance and drought sensitivity. BMC Molecular Biology, 2011, 12, 22.	3.0	92
41	Overexpression of NHX1s in transgenic Arabidopsis enhances photoprotection capacity in high salinity and drought conditions. Acta Physiologiae Plantarum, 2010, 32, 81-90.	1.0	23
42	Characterization and expression analysis of the Arabidopsis mir169 family. Plant Science, 2010, 178, 271-280.	1.7	45
43	Genome-wide analysis of CCCH zinc finger family in Arabidopsis and rice. BMC Genomics, 2008, 9, 44.	1.2	241
44	Cotton metallothionein GhMT3a, a reactive oxygen species scavenger, increased tolerance against abiotic stress in transgenic tobacco and yeast. Journal of Experimental Botany, 2008, 60, 339-349.	2.4	191