

# Ming Chen

## List of Publications by Year in descending order

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68  
papers

3,296  
citations

159358

30  
h-index

161609

54  
g-index

71  
all docs

71  
docs citations

71  
times ranked

3034  
citing authors

#	ARTICLE	IF	CITATIONS
1	GmDREB2, a soybean DRE-binding transcription factor, conferred drought and high-salt tolerance in transgenic plants. <i>Biochemical and Biophysical Research Communications</i> , 2007, 353, 299-305.	1.0	391
2	Drought-responsive WRKY transcription factor genes TaWRKY1 and TaWRKY33 from wheat confer drought and/or heat resistance in Arabidopsis. <i>BMC Plant Biology</i> , 2016, 16, 116.	1.6	293
3	Identification and characterization of GmMYB118 responses to drought and salt stress. <i>BMC Plant Biology</i> , 2018, 18, 320.	1.6	173
4	The WRKY Transcription Factor GmWRKY12 Confers Drought and Salt Tolerance in Soybean. <i>International Journal of Molecular Sciences</i> , 2018, 19, 4087.	1.8	137
5	Cold-induced modulation and functional analyses of the DRE-binding transcription factor gene, GmDREB3, in soybean ( <i>Glycine max</i> L.). <i>Journal of Experimental Botany</i> , 2009, 60, 121-135.	2.4	135
6	Occurrence of 13 veterinary drugs in animal manure-amended soils in Eastern China. <i>Chemosphere</i> , 2016, 144, 2377-2383.	4.2	107
7	Wheat CBL-interacting protein kinase 23 positively regulates drought stress and ABA responses. <i>BMC Plant Biology</i> , 2018, 18, 93.	1.6	98
8	Genome-Wide Characterization and Expression Analysis of Soybean TGA Transcription Factors Identified a Novel TGA Gene Involved in Drought and Salt Tolerance. <i>Frontiers in Plant Science</i> , 2019, 10, 549.	1.7	97
9	Genome-wide analysis of autophagy-associated genes in foxtail millet ( <i>Setaria italica</i> L.) and characterization of the function of SiATG8a in conferring tolerance to nitrogen starvation in rice. <i>BMC Genomics</i> , 2016, 17, 797.	1.2	86
10	Genomic Analysis of Stress Associated Proteins in Soybean and the Role of GmSAP16 in Abiotic Stress Responses in Arabidopsis and Soybean. <i>Frontiers in Plant Science</i> , 2019, 10, 1453.	1.7	79
11	Overexpression of TaCOMT Improves Melatonin Production and Enhances Drought Tolerance in Transgenic Arabidopsis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 652.	1.8	74
12	Improved drought tolerance in wheat plants overexpressing a synthetic bacterial cold shock protein gene SeCspA. <i>Scientific Reports</i> , 2017, 7, 44050.	1.6	73
13	A G-Protein $\hat{I}^2$ Subunit, AGB1, Negatively Regulates the ABA Response and Drought Tolerance by Down-Regulating AtMPK6-Related Pathway in Arabidopsis. <i>PLoS ONE</i> , 2015, 10, e0116385.	1.1	70
14	The E-Subgroup Pentatricopeptide Repeat Protein Family in Arabidopsis thaliana and Confirmation of the Responsiveness PPR96 to Abiotic Stresses. <i>Frontiers in Plant Science</i> , 2016, 7, 1825.	1.7	68
15	Overexpression of soybean DREB1 enhances drought stress tolerance of transgenic wheat in the field. <i>Journal of Experimental Botany</i> , 2020, 71, 1842-1857.	2.4	68
16	SiMYB56 Confers Drought Stress Tolerance in Transgenic Rice by Regulating Lignin Biosynthesis and ABA Signaling Pathway. <i>Frontiers in Plant Science</i> , 2020, 11, 785.	1.7	68
17	The Soybean bZIP Transcription Factor Gene GmbZIP2 Confers Drought and Salt Resistances in Transgenic Plants. <i>International Journal of Molecular Sciences</i> , 2020, 21, 670.	1.8	60
18	Genome-Wide Analysis of CDPK Family in Foxtail Millet and Determination of SiCDPK24 Functions in Drought Stress. <i>Frontiers in Plant Science</i> , 2018, 9, 651.	1.7	52

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19	Genome-Wide Analysis of the GRAS Gene Family and Functional Identification of GmGRAS37 in Drought and Salt Tolerance. <i>Frontiers in Plant Science</i> , 2020, 11, 604690.	1.7	52
20	The <sc>NF- $\epsilonPlant Biotechnology Journal, 2021, 19, 2589-2605.$	4.1	52
21	Characteristics and Expression Patterns of the Aldehyde Dehydrogenase (ALDH) Gene Superfamily of Foxtail Millet ( <i>Setaria italica</i> L.). <i>PLoS ONE</i> , 2014, 9, e101136.	1.1	51
22	Overexpression of TaHSF3 in Transgenic Arabidopsis Enhances Tolerance to Extreme Temperatures. <i>Plant Molecular Biology Reporter</i> , 2013, 31, 688-697.	1.0	49
23	Genome-Wide Identification, Evolution, and Expression of GDSL-Type Esterase/Lipase Gene Family in Soybean. <i>Frontiers in Plant Science</i> , 2020, 11, 726.	1.7	47
24	Overexpression of GmNFYA5 confers drought tolerance to transgenic Arabidopsis and soybean plants. <i>BMC Plant Biology</i> , 2020, 20, 123.	1.6	46
25	Investigation of the ASR family in foxtail millet and the role of ASR1 in drought/oxidative stress tolerance. <i>Plant Cell Reports</i> , 2016, 35, 115-128.	2.8	45
26	Genome-wide investigation and expression analyses of the pentatricopeptide repeat protein gene family in foxtail millet. <i>BMC Genomics</i> , 2016, 17, 840.	1.2	43
27	Chlorophyll Synthase under Epigenetic Surveillance Is Critical for Vitamin E Synthesis, and Altered Expression Affects Tocopherol Levels in Arabidopsis. <i>Plant Physiology</i> , 2015, 168, 1503-1511.	2.3	40
28	Genome-Wide Analysis of LIM Family Genes in Foxtail Millet ( <i>Setaria italica</i> L.) and Characterization of the Role of SiWLM2b in Drought Tolerance. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1303.	1.8	39
29	Complete Genome Sequence of the Type Strain <i>Pseudomonas stutzeri</i> CGMCC 1.1803. <i>Journal of Bacteriology</i> , 2011, 193, 6095-6095.	1.0	35
30	The ABA-induced soybean ERF transcription factor gene GmERF75 plays a role in enhancing osmotic stress tolerance in Arabidopsis and soybean. <i>BMC Plant Biology</i> , 2019, 19, 506.	1.6	33
31	A virus-derived siRNA activates plant immunity by interfering with ROS scavenging. <i>Molecular Plant</i> , 2021, 14, 1088-1103.	3.9	33
32	Functional Analysis of the Soybean GmCDPK3 Gene Responding to Drought and Salt Stresses. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5909.	1.8	31
33	Durable field resistance to wheat yellow mosaic virus in transgenic wheat containing the antisense virus polymerase gene. <i>Plant Biotechnology Journal</i> , 2014, 12, 447-456.	4.1	30
34	The G-Protein $\beta$ Subunit AGB1 Promotes Hypocotyl Elongation through Inhibiting Transcription Activation Function of BBX21 in Arabidopsis. <i>Molecular Plant</i> , 2017, 10, 1206-1223.	3.9	30
35	Genome-Wide Analysis of the C3H Zinc Finger Transcription Factor Family and Drought Responses of Members in <i>Aegilops tauschii</i> . <i>Plant Molecular Biology Reporter</i> , 2014, 32, 1241-1256.	1.0	29
36	The Roles of GmERF135 in Improving Salt Tolerance and Decreasing ABA Sensitivity in Soybean. <i>Frontiers in Plant Science</i> , 2019, 10, 940.	1.7	28

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37	The Ankyrin-Repeat Gene GmANK114 Confers Drought and Salt Tolerance in Arabidopsis and Soybean. <i>Frontiers in Plant Science</i> , 2020, 11, 584167.	1.7	28
38	AP2/ERF transcription factor GmDREB1 confers drought tolerance in transgenic soybean by interacting with GmERFs. <i>Plant Physiology and Biochemistry</i> , 2022, 170, 287-295.	2.8	28
39	The Elongation Factor GmEF4 Is Involved in the Response to Drought and Salt Tolerance in Soybean. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3001.	1.8	26
40	Genome-Wide Analysis of the DYW Subgroup PPR Gene Family and Identification of GmPPR4 Responses to Drought Stress. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5667.	1.8	26
41	The Wheat Bax Inhibitor-1 Protein Interacts with an Aquaporin TaPIP1 and Enhances Disease Resistance in Arabidopsis. <i>Frontiers in Plant Science</i> , 2018, 9, 20.	1.7	22
42	Expression Analyses of Soybean VOZ Transcription Factors and the Role of GmVOZ1G in Drought and Salt Stress Tolerance. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2177.	1.8	21
43	Wheat Bax Inhibitor-1 interacts with TaFKBP62 and mediates response to heat stress. <i>BMC Plant Biology</i> , 2018, 18, 259.	1.6	19
44	Genome-Wide Analysis of the DUF4228 Family in Soybean and Functional Identification of GmDUF4228-70 in Response to Drought and Salt Stresses. <i>Frontiers in Plant Science</i> , 2021, 12, 628299.	1.7	19
45	Overexpression of GmUBC9 Gene Enhances Plant Drought Resistance and Affects Flowering Time via Histone H2B Monoubiquitination. <i>Frontiers in Plant Science</i> , 2020, 11, 555794.	1.7	17
46	GmNFYA13 Improves Salt and Drought Tolerance in Transgenic Soybean Plants. <i>Frontiers in Plant Science</i> , 2020, 11, 587244.	1.7	16
47	Genome-Wide Analysis of the <i>Catharanthus roseus</i> RLK1-Like in Soybean and GmCrRLK1L20 Responds to Drought and Salt Stresses. <i>Frontiers in Plant Science</i> , 2021, 12, 614909.	1.7	16
48	Genome-Wide Analysis of DEAD-box RNA Helicase Family in Wheat ( <i>Triticum aestivum</i> ) and Functional Identification of TaDEAD-box57 in Abiotic Stress Responses. <i>Frontiers in Plant Science</i> , 2021, 12, 797276.	1.7	16
49	Genomic-Wide Analysis of the PLC Family and Detection of GmPI-PLC7 Responses to Drought and Salt Stresses in Soybean. <i>Frontiers in Plant Science</i> , 2021, 12, 631470.	1.7	15
50	Induction Kinetics of a Novel Stress-related LEA Gene in Wheat. <i>Plant Molecular Biology Reporter</i> , 2012, 30, 1313-1321.	1.0	14
51	Transcriptome Differences in Response Mechanisms to Low-Nitrogen Stress in Two Wheat Varieties. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12278.	1.8	14
52	<i>GmTDN1</i> improves wheat yields by inducing dual tolerance to both drought and low-N stress. <i>Plant Biotechnology Journal</i> , 2022, 20, 1606-1621.	4.1	14
53	Mitogen-activated protein kinase <i>TaMPK3</i> suppresses <i>ABA</i> response by destabilising <i>TaPYL4</i> receptor in wheat. <i>New Phytologist</i> , 2022, 236, 114-131.	3.5	14
54	Histone deacetylase <i>AtSRT2</i> regulates salt tolerance during seed germination via repression of vesicle-associated membrane protein 714 ( <i>VAMP714</i> ) in <i>Arabidopsis</i> . <i>New Phytologist</i> , 2022, 234, 1278-1293.	3.5	13

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55	Genome-Wide Analysis of the Soybean TIFY Family and Identification of GmTIFY10e and GmTIFY10g Response to Salt Stress. <i>Frontiers in Plant Science</i> , 2022, 13, 845314.	1.7	12
56	Genome-Wide Analysis of the Soybean Calmodulin-Binding Protein 60 Family and Identification of GmCBP60A-1 Responses to Drought and Salt Stresses. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13501.	1.8	12
57	Isolation and identification of a wheat gene encoding a zinc finger protein (TaZnFP) responsive to abiotic stresses. <i>Acta Physiologiae Plantarum</i> , 2013, 35, 1597-1604.	1.0	11
58	Arabidopsis G-Protein $\beta^2$ Subunit AGB1 Negatively Regulates DNA Binding of MYB62, a Suppressor in the Gibberellin Pathway. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8270.	1.8	11
59	Comprehensive Profiling of Tubby-Like Proteins in Soybean and Roles of the GmTLP8 Gene in Abiotic Stress Responses. <i>Frontiers in Plant Science</i> , 2022, 13, 844545.	1.7	10
60	Nuclear transport factor GmNTF2B $\alpha$ 1 enhances soybean drought tolerance by interacting with oxidoreductase GmOXR17 to reduce reactive oxygen species content. <i>Plant Journal</i> , 2021, 107, 740-759.	2.8	9
61	A soybean EF-Tu family protein GmEF8, an interactor of GmCBL1, enhances drought and heat tolerance in transgenic Arabidopsis and soybean. <i>International Journal of Biological Macromolecules</i> , 2022, 205, 462-472.	3.6	9
62	Isolation and Characterization of GmSTY1, a Novel Gene Encoding a Dual-Specificity Protein Kinase in Soybean ( <i>Glycine max</i> L.). <i>Journal of Integrative Plant Biology</i> , 2006, 48, 857-866.	4.1	8
63	Genome-Wide Analysis of the C2 Domain Family in Soybean and Identification of a Putative Abiotic Stress Response Gene GmC2-148. <i>Frontiers in Plant Science</i> , 2021, 12, 620544.	1.7	8
64	Genomic Analysis of Soybean PP2A-B $\alpha$ Family and Its Effects on Drought and Salt Tolerance. <i>Frontiers in Plant Science</i> , 2021, 12, 784038.	1.7	5
65	Overexpression of V-type H <sup>+</sup> pyrophosphatase gene EdVP1 from <i>Elymus dahuricus</i> increases yield and potassium uptake of transgenic wheat under low potassium conditions. <i>Scientific Reports</i> , 2020, 10, 5020.	1.6	4
66	Flow Karyotyping of Wheat Addition Line $\alpha$ T240 with a <i>Haynaldia villosa</i> 6VS Telosome. <i>Plant Molecular Biology Reporter</i> , 2013, 31, 289-295.	1.0	3
67	Knockdown of sphingomyelinase ( <i>NlSMase</i> ) causes ovarian malformation of brown planthopper, <i>Nilaparvata lugens</i> (Stål). <i>Insect Molecular Biology</i> , 2022, 31, 391-402.	1.0	2
68	Interconnection algorithm of a wide range of pervasive devices for the Internet of things. <i>International Journal of Distributed Sensor Networks</i> , 2018, 14, 155014771875601.	1.3	1