Wan-Chen Li

List of Publications by Year
in descending order

33 papers	726 citations	471509 17 h-index	552781 26 g-index
33 all docs	33 docs citations	33 times ranked	724 citing authors

#	Article	IF	Citations
1	ZmPP2C26 Alternative Splicing Variants Negatively Regulate Drought Tolerance in Maize. Frontiers in Plant Science, 2022, 13, 851531.	3.6	19
2	Zinc Transporter ZmLAZ1-4 Modulates Zinc Homeostasis on Plasma and Vacuolar Membrane in Maize. Frontiers in Plant Science, 2022, 13, 881055.	3.6	2
3	Maize ZmBES1/BZR1-3 and -9 Transcription Factors Negatively Regulate Drought Tolerance in Transgenic Arabidopsis. International Journal of Molecular Sciences, 2022, 23, 6025.	4.1	11
4	Maize transcription factor ZmBES1/BZR1-5 positively regulates kernel size. Journal of Experimental Botany, 2021, 72, 1714-1726.	4.8	46
5	Ectopic expression of antifreeze protein gene from Ammopiptanthus nanus confers chilling tolerance in maize. Crop Journal, 2021, 9, 924-933.	5.2	10
6	Genome-Wide Identification and Expression Analyses of AnSnRK2 Gene Family under Osmotic Stress in Ammopiptanthus nanus. Plants, 2021, 10, 882.	3.5	1
7	Antifreeze protein from Ammopiptanthus nanus functions in temperature-stress through domain A. Scientific Reports, 2021, 11, 8458.	3.3	6
8	Genome-wide analysis of BES1/BZR1 transcription factors and their responses to osmotic stress in Ammopiptanthus nanus. Journal of Forest Research, 2021, 26, 127-135.	1.4	4
9	Functional polymorphism among members of abscisic acid receptor family (ZmPYL) in maize. Journal of Integrative Agriculture, 2020, 19, 2165-2176.	3.5	4
10	Maize ZmBES1/BZR1-5 Decreases ABA Sensitivity and Confers Tolerance to Osmotic Stress in Transgenic Arabidopsis. International Journal of Molecular Sciences, 2020, 21, 996.	4.1	53
11	Isolation and identification of a vegetative organ-specific promoter from maize. Physiology and Molecular Biology of Plants, 2019, 25, 277-287.	3.1	14
12	Interaction network of core ABA signaling components in maize. Plant Molecular Biology, 2018, 96, 245-263.	3.9	51
13	Cloning and characterization of BES1/BZR1 transcription factor genes in maize. Plant Growth Regulation, 2018, 86, 235-249.	3.4	62
14	Combinatorial interaction of two adjacent cis-active promoter regions mediates the synergistic induction of Bt2 gene by sucrose and ABA in maize endosperm. Plant Science, 2018, 274, 332-340.	3.6	14
15	A betaine aldehyde dehydrogenase gene from Ammopiptanthus nanus enhances tolerance of Arabidopsis to high salt and drought stresses. Plant Growth Regulation, 2017, 83, 265-276.	3.4	32
16	Expression Profile of Maize MicroRNAs Corresponding to Their Target Genes Under Drought Stress. Biochemical Genetics, 2014, 52, 474-493.	1.7	26
17	Interaction between abscisic acid receptor PYL3 and protein phosphatase type 2C in response to ABA signaling in maize. Gene, 2014, 549, 179-185.	2.2	24
18	Heterologous expression of betaine aldehyde dehydrogenase gene from Ammopiptanthus nanus confers high salt and heat tolerance to Escherichia coli. Gene, 2014, 549, 77-84.	2.2	24

#	Article	IF	Citations
19	Heterologous expression of antifreeze protein gene AnAFP from Ammopiptanthus nanus enhances cold tolerance in Escherichia coli and tobacco. Gene, 2014, 539, 132-140.	2.2	20
20	RNA interference-mediated resistance to maize dwarf mosaic virus. Plant Cell, Tissue and Organ Culture, 2013, 113, 571-578.	2.3	16
21	Differential Expression of MicroRNAs in Response to Drought Stress in Maize. Journal of Integrative Agriculture, 2013, 12, 1414-1422.	3.5	50
22	Cloning and truncation modification of trehalose-6-phosphate synthase gene from Selaginella pulvinata. Gene, 2013, 512, 414-421.	2.2	4
23	Improvement of resistance to maize dwarf mosaic virus mediated by transgenic RNA interference. Journal of Biotechnology, 2011, 153, 181-187.	3.8	35
24	Cloning and Characterization of Functional Trehalose-6-Phosphate Synthase Gene in Maize. Journal of Plant Biology, 2010, 53, 134-141.	2.1	36
25	RNA Interference-Based Transgenic Maize Resistant to Maize Dwarf Mosaic Virus. Journal of Plant Biology, 2010, 53, 297-305.	2.1	24
26	Differential Expression of Serine/Threonine Protein Phosphatase Type-2C Under Drought Stress in Maize. Plant Molecular Biology Reporter, 2009, 27, 29-37.	1.8	16
27	Differential Gene Expression in Response to Drought Stress in Maize Seedling. Agricultural Sciences in China, 2009, 8, 767-776.	0.6	9
28	Evaluation and Quantitative Inheritance of Several Drought-Relative Traits in Maize. Agricultural Sciences in China, 2008, 7, 280-290.	0.6	20
29	Mutation loci and intragenic selection marker of the granule-bound starch synthase gene in waxy maize. Molecular Breeding, 2007, 20, 93-102.	2.1	20
30	Quantitative Trait Loci for Resistance to Banded Leaf and Sheath Blight in Maize. Crop Science, 2006, 46, 1039-1045.	1.8	42
31	Introgression of Perennial Teosinte Genome into Maize and Identification of Genomic In Situ Hybridization and Microsatellite Markers. Crop Science, 2005, 45, 717-721.	1.8	24
32	Overexpression of vacuolar H + â€pyrophosphatase (H + â€PPase) gene from Ammopiptanthus nanus enhances drought tolerance in maize. Journal of Agronomy and Crop Science, 0, , .	3.5	3
33	Characterization of phenylalanine ammonia-lyase genes facilitating flavonoid biosynthesis from two species of medicinal plant Anoectochilus. PeerJ, 0, 10, e13614.	2.0	4