Zhen Wang

List of Publications by Year
in descending order

		1040056	888059
20	344	9	17
papers	citations	h-index	g-index

21	21	21	435
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Osmotic stress induces phosphorylation of histone H3 at threonine 3 in pericentromeric regions of Arabidopsis thaliana. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8487-8492.	7.1	82
2	Molecular cloning and functional analysis of the drought tolerance gene MsHSP70 from alfalfa (Medicago sativa L.). Journal of Plant Research, 2017, 130, 387-396.	2.4	43
3	High-density linkage map construction and mapping QTL for yield and yield components in autotetraploid alfalfa using RAD-seq. BMC Plant Biology, 2019, 19, 165.	3.6	26
4	Genome Assembly of Alfalfa Cultivar Zhongmu-4 and Identification of SNPs Associated with Agronomic Traits. Genomics, Proteomics and Bioinformatics, 2022, 20, 14-28.	6.9	26
5	The Divergence of Flowering Time Modulated by FT/TFL1 Is Independent to Their Interaction and Binding Activities. Frontiers in Plant Science, 2017, 8, 697.	3.6	24
6	A global alfalfa diversity panel reveals genomic selection signatures in Chinese varieties and genomic associations with root development. Journal of Integrative Plant Biology, 2021, 63, 1937-1951.	8.5	20
7	Arabidopsis NUCLEOSTEMIN-LIKE 1 (NSN1) regulates cell cycling potentially by cooperating with nucleosome assembly protein AtNAP1;1. BMC Plant Biology, 2018, 18, 99.	3.6	19
8	Isolation and Functional Characterization of MsFTa, a FLOWERING LOCUS T Homolog from Alfalfa (Medicago sativa). International Journal of Molecular Sciences, 2019, 20, 1968.	4.1	13
9	Arabidopsis thaliana MLK3, a Plant-Specific Casein Kinase 1, Negatively Regulates Flowering and Phosphorylates Histone H3 In Vitro. Genes, 2020, 11, 345.	2.4	13
10	Overexpression of MtRAV3 enhances osmotic and salt tolerance and inhibits growth of Medicago truncatula. Plant Physiology and Biochemistry, 2021, 163, 154-165.	5.8	11
11	Quantitative trait locus mapping of yield and plant height in autotetraploid alfalfa (Medicago sativa) Tj ETQq1 1 0.784314 rgBT /Over	5.2	10
12	Molecular Cloning and Functional Identification of a Squalene Synthase Encoding Gene from Alfalfa (Medicago sativa L.). International Journal of Molecular Sciences, 2019, 20, 4499.	4.1	9
13	MLK4â€mediated phosphorylation of histone H3T3 promotes flowering by transcriptional silencing of FLC/MAF in Arabidopsis thaliana. Plant Journal, 2021, 105, 1400-1412.	5.7	9
14	Mut9p-LIKE KINASE Family Members: New Roles of the Plant-Specific Casein Kinase I in Plant Growth and Development. International Journal of Molecular Sciences, 2020, 21, 1562.	4.1	8
15	Gibberellins Inhibit Flavonoid Biosynthesis and Promote Nitrogen Metabolism in Medicago truncatula. International Journal of Molecular Sciences, 2021, 22, 9291.	4.1	7
16	Genome-wide identification, phylogeny and expression analysis of the SPL gene family and its important role in salt stress in Medicago sativa L.. BMC Plant Biology, 2022, 22, .	3.6	7
17	Genetic mapping of leaf-related traits in autotetraploid alfalfa (Medicago sativa L.). Molecular Breeding, 2019, 39, 1.	2.1	6
18	RAD-Seq-Based High-Density Linkage Maps Construction and Quantitative Trait Loci Mapping of Flowering Time Trait in Alfalfa (Medicago sativa L.). Frontiers in Plant Science, 2022, 13, .	3.6	6

#	Article	IF	Citations
19	iTRAQ-based comparative proteomic analysis of differences in the protein profiles of stems and leaves from two alfalfa genotypes. BMC Plant Biology, 2020, 20, 447.	3.6	3
20	A Genome-Wide Association Study Coupled With a Transcriptomic Analysis Reveals the Genetic Loci and Candidate Genes Governing the Flowering Time in Alfalfa (Medicago sativa L.). Frontiers in Plant Science, 0, 13, .	3.6	2