Yan Zhao

List of Publications by Year
in descending order

15 papers	4,058 citations	687363 13 h-index	996975 15 g-index
16 all docs	16 docs citations	16 times ranked	4778 citing authors

#	Article	IF	Citations
1	Genome-wide association studies of 14 agronomic traits in rice landraces. Nature Genetics, 2010, 42, 961-967.	21.4	1,978
2	Genome-wide association study of flowering time and grain yield traits in a worldwide collection of rice germplasm. Nature Genetics, 2012, 44, 32-39.	21.4	1,030
3	Overexpression of OsMYB48-1, a Novel MYB-Related Transcription Factor, Enhances Drought and Salinity Tolerance in Rice. PLoS ONE, 2014, 9, e92913.	2.5	287
4	Os<scp>ASR</scp>5 enhances drought tolerance through a stomatal closure pathway associated with <scp>ABA</scp> and H₂O₂ signalling in rice. Plant Biotechnology Journal, 2017, 15, 183-196.	8.3	174
5	Natural Variation in OsLG3 Increases Drought Tolerance in Rice by Inducing ROS Scavenging. Plant Physiology, 2018, 178, 451-467.	4.8	121
6	The Câ€“Sâ€“A gene system regulates hull pigmentation and reveals evolution of anthocyanin biosynthesis pathway in rice. Journal of Experimental Botany, 2018, 69, 1485-1498.	4.8	114
7	OsERF71 confers drought tolerance via modulating ABA signaling and proline biosynthesis. Plant Science, 2018, 270, 131-139.	3.6	78
8	Characterization of Transcription Factor Gene OsDRAP1 Conferring Drought Tolerance in Rice. Frontiers in Plant Science, 2018, 9, 94.	3.6	63
9	Loci and natural alleles underlying robust roots and adaptive domestication of upland ecotype rice in aerobic conditions. PLoS Genetics, 2018, 14, e1007521.	3.5	61
10	Genetic Architecture and Candidate Genes for Deep-Sowing Tolerance in Rice Revealed by Non-syn GWAS. Frontiers in Plant Science, 2018, 9, 332.	3.6	49
11	New alleles for chlorophyll content and stay-green traits revealed by a genome wide association study in rice (Oryza sativa). Scientific Reports, 2019, 9, 2541.	3.3	34
12	Genetic Basis Underlying Correlations Among Growth Duration and Yield Traits Revealed by GWAS in Rice (Oryza sativa L.). Frontiers in Plant Science, 2018, 9, 650.	3.6	28
13	Genetic analysis of roots and shoots in rice seedling by association mapping. Genes and Genomics, 2019, 41, 95-105.	1.4	27
14	Nucleotide diversity, natural variation, and evolution of Flexible culm-1 and Strong culm-2 lodging resistance genes in rice. Genome, 2016, 59, 473-483.	2.0	11
15	Identifying natural genotypes of grain number per panicle in rice (Oryza sativa L.) by association mapping. Genes and Genomics, 2019, 41, 283-295.	1.4	3