

# Zhenhai Cui

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

312  
citations

1478505

6  
h-index

1199594

12  
g-index

14  
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14  
docs citations

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times ranked

428  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Trait Heritability, Training Population Size and Marker Density on Genomic Prediction Accuracy Estimation in 22 bi-parental Tropical Maize Populations. <i>Frontiers in Plant Science</i> , 2017, 8, 1916.	3.6	145
2	Genome-wide association study (GWAS) reveals the genetic architecture of four husk traits in maize. <i>BMC Genomics</i> , 2016, 17, 946.	2.8	59
3	Linkage mapping combined with association analysis reveals QTL and candidate genes for three husk traits in maize. <i>Theoretical and Applied Genetics</i> , 2018, 131, 2131-2144.	3.6	19
4	ZmRAD51C Is Essential for Double-Strand Break Repair and Homologous Recombination in Maize Meiosis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5513.	4.1	17
5	Genome-Wide Association Study Dissects the Genetic Architecture of Maize Husk Tightness. <i>Frontiers in Plant Science</i> , 2020, 11, 861.	3.6	17
6	Assessment of the Potential for Genomic Selection To Improve Husk Traits in Maize. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 3741-3749.	1.8	16
7	Denser Markers and Advanced Statistical Method Identified More Genetic Loci Associated with Husk Traits in Maize. <i>Scientific Reports</i> , 2020, 10, 8165.	3.3	12
8	Identification of maize brace-root quantitative trait loci in a recombinant inbred line population. <i>Euphytica</i> , 2018, 214, 1.	1.2	7
9	miRNA expression profiling and zeatin dynamic changes in a new model system of in vivo indirect regeneration of tomato. <i>PLoS ONE</i> , 2020, 15, e0237690.	2.5	6
10	A Genome-Wide Association Study Dissects the Genetic Architecture of the Metaxylem Vessel Number in Maize Brace Roots. <i>Frontiers in Plant Science</i> , 2022, 13, 847234.	3.6	5
11	Genetic analysis of maize shank length by QTL mapping in three recombinant inbred line populations. <i>Plant Science</i> , 2021, 303, 110767.	3.6	4
12	Genetic analysis of three maize husk traits by QTL mapping in a maize-teosinte population. <i>BMC Genomics</i> , 2021, 22, 386.	2.8	4
13	Transcriptional analyses of maize leaves in response to high-density planting. <i>Agronomy Journal</i> , 0, , .	1.8	1
14	Genetic basis of maize ear angle revealed by high-density single nucleotide polymorphism markers in four recombinant inbred line populations. <i>Euphytica</i> , 2020, 216, 1.	1.2	0