

# Min Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

505  
citations

840776

11  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

490  
citing authors

#	ARTICLE	IF	CITATIONS
1	Convergent selection of a WD40 protein that enhances grain yield in maize and rice. <i>Science</i> , 2022, 375, eabg7985.	12.6	110
2	A DMP-triggered in vivo maternal haploid induction system in the dicotyledonous <i>Arabidopsis</i> . <i>Nature Plants</i> , 2020, 6, 466-472.	9.3	78
3	Natural Variation in RNA m <sup>6</sup> A Methylation and Its Relationship with Translational Status. <i>Plant Physiology</i> , 2020, 182, 332-344.	4.8	73
4	<i>In vivo</i> maternal haploid induction in tomato. <i>Plant Biotechnology Journal</i> , 2022, 20, 250-252.	8.3	44
5	The Application of UAV-Based Hyperspectral Imaging to Estimate Crop Traits in Maize Inbred Lines. <i>Plant Phenomics</i> , 2021, 2021, 9890745.	5.9	33
6	Genetic basis of maize kernel starch content revealed by high-density single nucleotide polymorphism markers in a recombinant inbred line population. <i>BMC Plant Biology</i> , 2015, 15, 288.	3.6	31
7	Transcriptome-wide analysis of epitranscriptome and translational efficiency associated with heterosis in maize. <i>Journal of Experimental Botany</i> , 2021, 72, 2933-2946.	4.8	28
8	Genetic basis of kernel starch content decoded in a maize multi-parent population. <i>Plant Biotechnology Journal</i> , 2021, 19, 2192-2205.	8.3	27
9	Genetic basis of kernel nutritional traits during maize domestication and improvement. <i>Plant Journal</i> , 2020, 101, 278-292.	5.7	25
10	SEED CAROTENOID DEFICIENT Functions in Isoprenoid Biosynthesis via the Plastid MEP Pathway. <i>Plant Physiology</i> , 2019, 179, 1723-1738.	4.8	18
11	Transcriptome analysis of near-isogenic lines provides molecular insights into starch biosynthesis in maize kernel. <i>Journal of Integrative Plant Biology</i> , 2016, 58, 713-723.	8.5	15
12	Genetic architecture of embryo size and related traits in maize. <i>Crop Journal</i> , 2022, 10, 204-215.	5.2	10
13	Genetic variants and underlying mechanisms influencing variance heterogeneity in maize. <i>Plant Journal</i> , 2020, 103, 1089-1102.	5.7	7
14	Genome-wide trait-trait dynamics correlation study dissects the gene regulation pattern in maize kernels. <i>BMC Plant Biology</i> , 2017, 17, 163.	3.6	5
15	Uncovering the genetic basis of carotenoid variations in maize kernels using two segregating populations. <i>Molecular Breeding</i> , 2019, 39, 1.	2.1	1