

Zhikun Li

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,130
citations

623734

14
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

770
citing authors

#	ARTICLE	IF	CITATIONS
1	Resequencing a core collection of upland cotton identifies genomic variation and loci influencing fiber quality and yield. <i>Nature Genetics</i> , 2018, 50, 803-813.	21.4	368
2	Genome-wide association study discovered genetic variation and candidate genes of fibre quality traits in <i>Gossypium hirsutum</i> L.. <i>Plant Biotechnology Journal</i> , 2017, 15, 982-996.	8.3	199
3	The cotton laccase gene <i>GhLAC15</i> enhances <i>Verticillium</i> wilt resistance via an increase in defence-induced lignification and lignin components in the cell walls of plants. <i>Molecular Plant Pathology</i> , 2019, 20, 309-322.	4.2	111
4	High-quality genome assembly and resequencing of modern cotton cultivars provide resources for crop improvement. <i>Nature Genetics</i> , 2021, 53, 1385-1391.	21.4	76
5	Histochemical Analyses Reveal That Stronger Intrinsic Defenses in <i>Gossypium barbadense</i> Than in <i>G. hirsutum</i> Are Associated With Resistance to <i>Verticillium dahliae</i> . <i>Molecular Plant-Microbe Interactions</i> , 2017, 30, 984-996.	2.6	65
6	Identification of SNPs and Candidate Genes Associated With Salt Tolerance at the Seedling Stage in Cotton (<i>Gossypium hirsutum</i> L.). <i>Frontiers in Plant Science</i> , 2018, 9, 1011.	3.6	50
7	HyPRP1 performs a role in negatively regulating cotton resistance to <i>V. dahliae</i> via the thickening of cell walls and ROS accumulation. <i>BMC Plant Biology</i> , 2018, 18, 339.	3.6	41
8	Mapping QTL for cotton fiber quality traits using simple sequence repeat markers, conserved intron-scanning primers, and transcript-derived fragments. <i>Euphytica</i> , 2015, 201, 215-230.	1.2	40
9	A genome-wide association study uncovers novel genomic regions and candidate genes of yield-related traits in upland cotton. <i>Theoretical and Applied Genetics</i> , 2018, 131, 2413-2425.	3.6	31
10	A high-density genetic map and multiple environmental tests reveal novel quantitative trait loci and candidate genes for fibre quality and yield in cotton. <i>Theoretical and Applied Genetics</i> , 2020, 133, 3395-3408.	3.6	24
11	Tissue-specific expression of <i>GhnsLTPs</i> identified via GWAS sophisticatedly coordinates disease and insect resistance by regulating metabolic flux redirection in cotton. <i>Plant Journal</i> , 2021, 107, 831-846.	5.7	22
12	A large-scale genomic association analysis identifies a fragment in Dt11 chromosome conferring cotton <i>Verticillium</i> wilt resistance. <i>Plant Biotechnology Journal</i> , 2021, 19, 2126-2138.	8.3	21
13	Dynamic characteristics and functional analysis provide new insights into long non-coding RNA responsive to <i>Verticillium dahliae</i> infection in <i>Gossypium hirsutum</i> . <i>BMC Plant Biology</i> , 2021, 21, 68.	3.6	19
14	Cotton <i>GhSSI2</i> isoforms from the stearyl acyl carrier protein fatty acid desaturase family regulate <i>Verticillium</i> wilt resistance. <i>Molecular Plant Pathology</i> , 2021, 22, 1041-1056.	4.2	16
15	Proteomic analyses on xylem sap provides insights into the defense response of <i>Gossypium hirsutum</i> against <i>Verticillium dahliae</i> . <i>Journal of Proteomics</i> , 2020, 213, 103599.	2.4	15
16	Evolution, expression and functional analysis of cultivated allotetraploid cotton DIR genes. <i>BMC Plant Biology</i> , 2021, 21, 89.	3.6	13
17	Genome-wide dissection of hybridization for fiber quality and yield-related traits in upland cotton. <i>Plant Journal</i> , 2020, 104, 1285-1300.	5.7	9
18	Development and Utilization of Functional Kompetitive Allele-Specific PCR Markers for Key Genes Underpinning Fiber Length and Strength in <i>Gossypium hirsutum</i> L.. <i>Frontiers in Plant Science</i> , 2022, 13, 853827.	3.6	4

#	ARTICLE	IF	CITATIONS
19	A Genome Wide Association Study Revealed Key Single Nucleotide Polymorphisms/Genes Associated With Seed Germination in <i>Gossypium hirsutum</i> L.. <i>Frontiers in Plant Science</i> , 2022, 13, 844946.	3.6	3
20	Genetic variation associated with the shoot biomass of upland cotton seedlings under contrasting phosphate supplies. <i>Molecular Breeding</i> , 2020, 40, 1.	2.1	2
21	Evaluation of the genetic diversity of fibre quality traits in upland cotton (<i>Gossypium hirsutum</i> L.) inferred from phenotypic variations. <i>Journal of Cotton Research</i> , 2019, 2, .	2.5	1