

Jun Yang

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,130
citations

623734

14
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

797
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	A newly identified cluster of glutathione <i>S</i> -transferase genes provides <i>Verticillium</i> wilt resistance in cotton. <i>Plant Journal</i> , 2019, 98, 213-227.	5.7	44
7	Molecular cloning and functional analysis of <i>GbRVD</i> , a gene in <i>Gossypium barbadense</i> that plays an important role in conferring resistance to <i>Verticillium</i> wilt. <i>Gene</i> , 2016, 575, 687-694.	2.2	34
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	Overexpression of 3-deoxy-7-phosphoheptulonate synthase gene from <i>Gossypium hirsutum</i> enhances <i>Arabidopsis</i> resistance to <i>Verticillium</i> wilt. <i>Plant Cell Reports</i> , 2015, 34, 1429-1441.	5.6	14
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 identification of cyclophilin genes in <i>Gossypium hirsutum</i> and functional characterization of a CYP with antifungal activity against <i>Verticillium dahliae</i> . <i>BMC Plant Biology</i> , 2019, 19, 272.	3.6	12
18	The G-protein β subunit <i>GhGPA</i> positively regulates <i>Gossypium hirsutum</i> resistance to <i>Verticillium dahliae</i> via induction of SA and JA signaling pathways and ROS accumulation. <i>Crop Journal</i> , 2021, 9, 823-833.	5.2	12

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19	GhENODL6 Isoforms from the Phycocyanin Gene Family Regulated Verticillium Wilt Resistance in Cotton. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2913.	4.1	12
20	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
21	A stable QTL qSalt-A04-1 contributes to salt tolerance in the cotton seed germination stage. <i>Theoretical and Applied Genetics</i> , 2021, 134, 2399-2410.	3.6	8
22	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
23	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