

Lingli Dong

List of Publications by Year in descending order

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32
papers

2,870
citations

304743

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414414

32
g-index

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all docs

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docs citations

32
times ranked

3127
citing authors

#	ARTICLE	IF	CITATIONS
1	Fine mapping of powdery mildew resistance gene MlWE74 derived from wild emmer wheat (<i>Triticum</i>) Tj ETQq1 1 1235-1245.	0.784314 3.6	rgBT /Overlock 12
2	Functional characterization of powdery mildew resistance gene MlIW172, a new Pm60 allele and its allelic variation in wild emmer wheat. <i>Journal of Genetics and Genomics</i> , 2022, 49, 787-795.	3.9	13
3	A high-quality genome assembly highlights rye genomic characteristics and agronomically important genes. <i>Nature Genetics</i> , 2021, 53, 574-584.	21.4	164
4	Bulked segregant CGTâ€¦Seqâ€¦facilitated mapâ€¦based cloning of a powdery mildew resistance gene originating from wild emmer wheat (<i>Triticum dicoccoides</i>). <i>Plant Biotechnology Journal</i> , 2021, 19, 1288-1290.	8.3	18
5	High-temperature wheat leaf rust resistance gene Lr13 exhibits pleiotropic effects on hybrid necrosis. <i>Molecular Plant</i> , 2021, 14, 1029-1032.	8.3	28
6	Development and characterization of markerâ€¦free and transgene insertion siteâ€¦defined transgenic wheat with improved grain storability and fatty acid content. <i>Plant Biotechnology Journal</i> , 2020, 18, 129-140.	8.3	15
7	The <i>TuMYB46L</i> â€¦ <i>TuACO3</i> module regulates ethylene biosynthesis in einkorn wheat defense to powdery mildew. <i>New Phytologist</i> , 2020, 225, 2526-2541.	7.3	33
8	A rare single nucleotide variant in <i>Pm5e</i> confers powdery mildew resistance in common wheat. <i>New Phytologist</i> , 2020, 228, 1011-1026.	7.3	92
9	A CNL protein in wild emmer wheat confers powdery mildew resistance. <i>New Phytologist</i> , 2020, 228, 1027-1037.	7.3	89
10	Identification and fine mapping of spot blotch (<i>Bipolaris sorokiniana</i>) resistance gene Sb4 in wheat. <i>Theoretical and Applied Genetics</i> , 2020, 133, 2451-2459.	3.6	41
11	A rare gain of function mutation in a wheat tandem kinase confers resistance to powdery mildew. <i>Nature Communications</i> , 2020, 11, 680.	12.8	119
12	Molecular characterization of a novel TaGL3-5A allele and its association with grain length in wheat (<i>Triticum aestivum</i> L.). <i>Theoretical and Applied Genetics</i> , 2019, 132, 1799-1814.	3.6	69
13	Wheat powdery mildew resistance gene Pm64 derived from wild emmer (<i>Triticum turgidum</i> var.) Tj ETQq1 1 761-770.	0.784314 5.2	rgBT /Overlock 57
14	Dynamic Evolution of Î±-Gliadin Prolamin Gene Family in Homeologous Genomes of Hexaploid Wheat. <i>Scientific Reports</i> , 2018, 8, 5181.	3.3	68
15	Analysis of the functions of <i>Ta<sc>GW</sc>2</i> homoeologs in wheat grain weight and protein content traits. <i>Plant Journal</i> , 2018, 94, 857-866.	5.7	211
16	Molecular genetic and genomic analysis of wheat milling and end-use traits in China: Progress and perspectives. <i>Crop Journal</i> , 2018, 6, 68-81.	5.2	29
17	Gene Duplication and Evolution Dynamics in the Homeologous Regions Harboring Multiple Prolamin and Resistance Gene Families in Hexaploid Wheat. <i>Frontiers in Plant Science</i> , 2018, 9, 673.	3.6	84
18	Analysis of the <i>Gliâ€¦D2</i> locus identifies a genetic target for simultaneously improving the breadmaking and healthâ€¦related traits of common wheat. <i>Plant Journal</i> , 2018, 95, 414-426.	5.7	19

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19	Genome sequence of the progenitor of wheat A subgenome <i>Triticum urartu</i> . <i>Nature</i> , 2018, 557, 424-428.	27.8	354
20	High-throughput mining of genome-specific <i>scn</i> SNPs for characterizing <i>Thinopyrum elongatum</i> introgressions in common wheat. <i>Molecular Ecology Resources</i> , 2017, 17, 1318-1329.	4.8	22
21	Genome-wide analysis of complex wheat gliadins, the dominant carriers of celiac disease epitopes. <i>Scientific Reports</i> , 2017, 7, 44609.	3.3	71
22	New insights into structural organization and gene duplication in a 1.75 Mb genomic region harboring the gliadin gene family in <i>Aegilops tauschii</i> , the source of wheat D genome. <i>Plant Journal</i> , 2017, 92, 571-583.	5.7	29
23	Coexpression network analysis of the genes regulated by two types of resistance responses to powdery mildew in wheat. <i>Scientific Reports</i> , 2016, 6, 23805.	3.3	29
24	A novel allele of L-galactono-1,4-lactone dehydrogenase is associated with enhanced drought tolerance through affecting stomatal aperture in common wheat. <i>Scientific Reports</i> , 2016, 6, 30177.	3.3	10
25	Development of a D genome specific marker resource for diploid and hexaploid wheat. <i>BMC Genomics</i> , 2015, 16, 646.	2.8	6
26	Single-molecule real-time transcript sequencing facilitates common wheat genome annotation and grain transcriptome research. <i>BMC Genomics</i> , 2015, 16, 1039.	2.8	124
27	Natural variation of TaGASR7-A1 affects grain length in common wheat under multiple cultivation conditions. <i>Molecular Breeding</i> , 2014, 34, 937-947.	2.1	102
28	Draft genome of the wheat A-genome progenitor <i>Triticum urartu</i> . <i>Nature</i> , 2013, 496, 87-90.	27.8	700
29	Haplotype Variation of Glu-D1 Locus and the Origin of Glu-D1d Allele Conferring Superior End-Use Qualities in Common Wheat. <i>PLoS ONE</i> , 2013, 8, e74859.	2.5	17
30	A New Class of Wheat Gliadin Genes and Proteins. <i>PLoS ONE</i> , 2012, 7, e52139.	2.5	63
31	Molecular analysis of common wheat genes encoding three types of cytosolic heat shock protein 90 (Hsp90): functional involvement of cytosolic Hsp90s in the control of wheat seedling growth and disease resistance. <i>New Phytologist</i> , 2011, 191, 418-431.	7.3	108
32	New Insights into the Organization, Recombination, Expression and Functional Mechanism of Low Molecular Weight Glutenin Subunit Genes in Bread Wheat. <i>PLoS ONE</i> , 2010, 5, e13548.	2.5	74