Lingli Dong

List of Publications by Year in descending order

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32 papers	2,870 citations	304743 22 h-index	414414 32 g-index
32 all docs	32 docs citations	32 times ranked	3127 citing authors

#	Article	IF	Citations
1	Draft genome of the wheat A-genome progenitor Triticum urartu. Nature, 2013, 496, 87-90.	27.8	700
2	Genome sequence of the progenitor of wheat A subgenome Triticum urartu. Nature, 2018, 557, 424-428.	27.8	354
3	Analysis of the functions of Ta<scp>GW</scp>2 homoeologs in wheat grain weight and protein content traits. Plant Journal, 2018, 94, 857-866.	5.7	211
4	A high-quality genome assembly highlights rye genomic characteristics and agronomically important genes. Nature Genetics, 2021, 53, 574-584.	21.4	164
5	Single-molecule real-time transcript sequencing facilitates common wheat genome annotation and grain transcriptome research. BMC Genomics, 2015, 16, 1039.	2.8	124
6	A rare gain of function mutation in a wheat tandem kinase confers resistance to powdery mildew. Nature Communications, 2020, 11, 680.	12.8	119
7	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. New Phytologist, 2011, 191, 418-431.	7.3	108
8	Natural variation of TaGASR7-A1 affects grain length in common wheat under multiple cultivation conditions. Molecular Breeding, 2014, 34, 937-947.	2.1	102
9	A rare single nucleotide variant in Pm5e confers powdery mildew resistance in common wheat. New Phytologist, 2020, 228, 1011-1026.	7.3	92
10	A CNL protein in wild emmer wheat confers powdery mildew resistance. New Phytologist, 2020, 228, 1027-1037.	7.3	89
11	Gene Duplication and Evolution Dynamics in the Homeologous Regions Harboring Multiple Prolamin and Resistance Gene Families in Hexaploid Wheat. Frontiers in Plant Science, 2018, 9, 673.	3.6	84
12	New Insights into the Organization, Recombination, Expression and Functional Mechanism of Low Molecular Weight Glutenin Subunit Genes in Bread Wheat. PLoS ONE, 2010, 5, e13548.	2.5	74
13	Genome-wide analysis of complex wheat gliadins, the dominant carriers of celiac disease epitopes. Scientific Reports, 2017, 7, 44609.	3.3	71
14	Molecular characterization of a novel TaGL3-5A allele and its association with grain length in wheat (Triticum aestivum L.). Theoretical and Applied Genetics, 2019, 132, 1799-1814.	3.6	69
15	Dynamic Evolution of Î±-Gliadin Prolamin Gene Family in Homeologous Genomes of Hexaploid Wheat. Scientific Reports, 2018, 8, 5181.	3.3	68
16	A New Class of Wheat Gliadin Genes and Proteins. PLoS ONE, 2012, 7, e52139.	2.5	63
17	Wheat powdery mildew resistance gene Pm64 derived from wild emmer (Triticum turgidum var.) Tj ETQq1 1 0.784314 rgBT /Overlock 761-770.	5.2	57
18	Identification and fine mapping of spot blotch (Bipolaris sorokiniana) resistance gene Sb4 in wheat. Theoretical and Applied Genetics, 2020, 133, 2451-2459.	3.6	41

#	Article	IF	Citations
19	The TuMYB46Lâ€TuACO3 module regulates ethylene biosynthesis in einkorn wheat defense to powdery mildew. New Phytologist, 2020, 225, 2526-2541.	7.3	33
20	Coexpression network analysis of the genes regulated by two types of resistance responses to powdery mildew in wheat. Scientific Reports, 2016, 6, 23805.	3.3	29
21	New insights into structural organization and gene duplication in a 1.75â€Mb genomic region harboring the Î±â€gliadin gene family in Aegilops tauschii , the source of wheat D genome. Plant Journal, 2017, 92, 571-583.	5.7	29
22	Molecular genetic and genomic analysis of wheat milling and end-use traits in China: Progress and perspectives. Crop Journal, 2018, 6, 68-81.	5.2	29
23	High-temperature wheat leaf rust resistance gene Lr13 exhibits pleiotropic effects on hybrid necrosis. Molecular Plant, 2021, 14, 1029-1032.	8.3	28
24	Highâ€throughput mining of Eâ€genomeâ€specific <scp>SNP</scp>s for characterizing Thinopyrum elongatum introgressions in common wheat. Molecular Ecology Resources, 2017, 17, 1318-1329.	4.8	22
25	Analysis of the Gliâ€D2 locus identifies a genetic target for simultaneously improving the breadmaking and healthâ€related traits of common wheat. Plant Journal, 2018, 95, 414-426.	5.7	19
26	Bulked segregant CGTâ€Seqâ€facilitated mapâ€based cloning of a powdery mildew resistance gene originating from wild emmer wheat (Triticum dicoccoides). Plant Biotechnology Journal, 2021, 19, 1288-1290.	8.3	18
27	Haplotype Variation of Glu-D1 Locus and the Origin of Glu-D1d Allele Conferring Superior End-Use Qualities in Common Wheat. PLoS ONE, 2013, 8, e74859.	2.5	17
28	Development and characterization of markerâ€free and transgene insertion siteâ€defined transgenic wheat with improved grain storability and fatty acid content. Plant Biotechnology Journal, 2020, 18, 129-140.	8.3	15
29	Functional characterization of powdery mildew resistance gene MlIW172, a new Pm60 allele and its allelic variation in wild emmer wheat. Journal of Genetics and Genomics, 2022, 49, 787-795.	3.9	13
30	Fine mapping of powdery mildew resistance gene MlWE74 derived from wild emmer wheat (Triticum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 1235-1245.	3.6	12
31	A novel allele of L-galactono-1,4-lactone dehydrogenase is associated with enhanced drought tolerance through affecting stomatal aperture in common wheat. Scientific Reports, 2016, 6, 30177.	3.3	10
32	Development of a D genome specific marker resource for diploid and hexaploid wheat. BMC Genomics, 2015, 16, 646.	2.8	6