Feng Chen

List of Publications by Year
in descending order

54	1,803	257101 24	288905 40
papers	citations	h-index	g-index

58	58	58	1440
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genomeâ€wide association study for 13 agronomic traits reveals distribution of superior alleles in bread wheat from the Yellow and Huai Valley of China. Plant Biotechnology Journal, 2017, 15, 953-969.	4.1	248
2	The Wheat 660K SNP array demonstrates great potential for markerâ€assisted selection in polyploid wheat. Plant Biotechnology Journal, 2020, 18, 1354-1360.	4.1	161
3	Molecular characterization of vernalization and response genes in bread wheat from the Yellow and Huai Valley of China. BMC Plant Biology, 2013, 13, 199.	1.6	88
4	A Single-Nucleotide Polymorphism of TaGS5 Gene Revealed its Association with Kernel Weight in Chinese Bread Wheat. Frontiers in Plant Science, 2015, 6, 1166.	1.7	76
5	Puroindoline grain hardness alleles in CIMMYT bread wheat germplasm. Journal of Cereal Science, 2006, 44, 86-92.	1.8	75
6	Influence of puroindoline alleles on milling performance and qualities of Chinese noodles, steamed bread and pan bread in spring wheats. Journal of Cereal Science, 2007, 45, 59-66.	1.8	64
7	Genomeâ€wide association study of six quality traits reveals the association of the TaRPP13L1 gene with flour colour in Chinese bread wheat. Plant Biotechnology Journal, 2019, 17, 2106-2122.	4.1	59
8	Genome-wide association study revealed that the TaGW8 gene was associated with kernel size in Chinese bread wheat. Scientific Reports, 2019, 9, 2702.	1.6	59
9	Occurrence of Puroindoline Alleles in Chinese Winter Wheats. Cereal Chemistry, 2005, 82, 38-43.	1.1	54
10	Haplotypes of the TaGS5-A1 Gene Are Associated with Thousand-Kernel Weight in Chinese Bread Wheat. Frontiers in Plant Science, 2016, 7, 783.	1.7	50
11	Investigation and genome-wide association study for Fusarium crown rot resistance in Chinese common wheat. BMC Plant Biology, 2019, 19, 153.	1.6	50
12	YR36/WKS1-Mediated Phosphorylation of PsbO, an Extrinsic Member of Photosystem II, Inhibits Photosynthesis and Confers Stripe Rust Resistance in Wheat. Molecular Plant, 2019, 12, 1639-1650.	3.9	49
13	Physical mapping and a new variant of Puroindoline b-2 genes in wheat. Theoretical and Applied Genetics, 2010, 120, 745-751.	1.8	43
14	A new puroindoline b mutation present in Chinese winter wheat cultivar Jingdong 11. Journal of Cereal Science, 2005, 42, 267-269.	1.8	42
15	Gene regulatory network and abundant genetic variation play critical roles in heading stage of polyploidy wheat. BMC Plant Biology, 2019, 19, 6.	1.6	34
16	Prevalence of a novel puroindoline b allele in Yunnan endemic wheats (Triticum aestivum ssp.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142	0.6	32
17	Allelic variation at the vernalization and photoperiod sensitivity loci in Chinese winter wheat cultivars (Triticum aestivum L.). Frontiers in Plant Science, 2015, 6, 470.	1.7	32
18	Identification of Winter-Responsive Proteins in Bread Wheat Using Proteomics Analysis and Virus-Induced Gene Silencing (VIGS). Molecular and Cellular Proteomics, 2016, 15, 2954-2969.	2.5	32

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19	Comprehensive profiling of lysine ubiquitome reveals diverse functions of lysine ubiquitination in common wheat. Scientific Reports, 2017, 7, 13601.	1.6	31
20	QTL Analysis and Nested Association Mapping for Adult Plant Resistance to Powdery Mildew in Two Bread Wheat Populations. Frontiers in Plant Science, 2017, 8, 1212.	1.7	30
21	Association of Puroindoline b-B2 variants with grain traits, yield components and flag leaf size in bread wheat (Triticum aestivum L.) varieties of the Yellow and Huai Valleys of China. Journal of Cereal Science, 2010, 52, 247-253.	1.8	29
22	iTRAQ and virus-induced gene silencing revealed three proteins involved in cold response in bread wheat. Scientific Reports, 2017, 7, 7524.	1.6	29
23	A lossâ€ofâ€function of the dirigent gene TaDIRâ€B1 improves resistance to Fusarium crown rot in wheat. Plant Biotechnology Journal, 2021, 19, 866-868.	4.1	28
24	Discovery, distribution and diversity of Puroindoline-D1 genes in bread wheat from five countries (Triticum aestivum L.). BMC Plant Biology, 2013, 13, 125.	1.6	27
25	Identification and Comparative Analysis of microRNA in Wheat (Triticum aestivum L.) Callus Derived from Mature and Immature Embryos during In vitro Culture. Frontiers in Plant Science, 2016, 7, 1302.	1.7	27
26	Proteomic analysis of middle and late stages of bread wheat (Triticum aestivum L.) grain development. Frontiers in Plant Science, 2015, 6, 735.	1.7	26
27	Molecular characterization of the Puroindoline a-D1b allele and development of an STS marker in wheat (Triticum aestivum L.). Journal of Cereal Science, 2010, 52, 80-82.	1.8	25
28	Genetics of Resistance to Common Root Rot (Spot Blotch), Fusarium Crown Rot, and Sharp Eyespot in Wheat. Frontiers in Genetics, 2021, 12, 699342.	1.1	25
29	Identification of herbicide resistance loci using a genome-wide association study and linkage mapping in Chinese common wheat. Crop Journal, 2020, 8, 666-675.	2.3	24
30	De novo assembly and comparative analysis of the transcriptome of embryogenic callus formation in bread wheat (Triticum aestivum L.). BMC Plant Biology, 2017, 17, 244.	1.6	23
31	High-throughput sequencing revealed that microRNAs were involved in the development of superior and inferior grains in bread wheat. Scientific Reports, 2018, 8, 13854.	1.6	22
32	Identification of Genetic Loci of Black Point in Chinese Common Wheat by Genome-Wide Association Study and Linkage Mapping. Plant Disease, 2020, 104, 2005-2013.	0.7	18
33	Genome-wide association study of heading and flowering dates and construction of its prediction equation in Chinese common wheat. Theoretical and Applied Genetics, 2018, 131, 2271-2285.	1.8	16
34	Comparative Proteomic Analysis Provides New Insights Into Low Nitrogen-Promoted Primary Root Growth in Hexaploid Wheat. Frontiers in Plant Science, 2019, 10, 151.	1.7	15
35	Allelic variation and distribution independence of Puroindoline b-B2 variants and their association with grain texture in wheat. Molecular Breeding, 2013, 32, 399-409.	1.0	13
36	Combined Small RNA and Degradome Sequencing Reveals Novel MiRNAs and Their Targets in the High-Yield Mutant Wheat Strain Yunong 3114. PLoS ONE, 2015, 10, e0137773.	1.1	13

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37	Development of a Rapid Approach for Detecting Sharp Eyespot Resistance in Seedling-Stage Wheat and Its Application in Chinese Wheat Cultivars. Plant Disease, 2020, 104, 1662-1667.	0.7	13
38	Alveograph and Mixolab parameters associated with Puroindolineâ€Ð1 genes in Chinese winter wheats. Journal of the Science of Food and Agriculture, 2013, 93, 2541-2548.	1.7	12
39	Identification of genetic loci and a candidate gene related to flag leaf traits in common wheat by genome-wide association study and linkage mapping. Molecular Breeding, 2020, 40, 1.	1.0	12
40	Identification of Proteins Using iTRAQ and Virus-Induced Gene Silencing Reveals Three Bread Wheat Proteins Involved in the Response to Combined Osmotic-Cold Stress. Journal of Proteome Research, 2018, 17, 2256-2281.	1.8	11
41	Molecular characterization of lipoxygenase genes on chromosome 4BS in Chinese bread wheat (Triticum aestivum L.). Theoretical and Applied Genetics, 2015, 128, 1467-1479.	1.8	9
42	Molecular survey of Tamyb10-1 genes and their association with grain colour and germinability in Chinese wheat and Aegilops tauschii. Journal of Genetics, 2015, 94, 453-459.	0.4	8
43	Transcriptome analysis of the Chinese bread wheat cultivar Yunong 201 and its ethyl methanesulfonate mutant line. Gene, 2016, 575, 285-293.	1.0	8
44	Investigation and genome-wide association study of grain copper content in Chinese common wheat. Journal of Cereal Science, 2020, 95, 102991.	1.8	8
45	Global Profiling of 2-hydroxyisobutyrylome in Common Wheat. Genomics, Proteomics and Bioinformatics, 2022, 20, 688-701.	3.0	8
46	High-Throughput Sequencing Reveals Single Nucleotide Variants in Longer-Kernel Bread Wheat. Frontiers in Plant Science, 2016, 7, 1193.	1.7	7
47	The response of Mo-hydroxylases and abscisic acid to salinity in wheat genotypes with differing salt tolerances. Acta Physiologiae Plantarum, 2012, 34, 1767-1778.	1.0	6
48	Molecular characterization and diversity of puroindoline b-2 variants in cultivated and wild diploid wheat. Genetic Resources and Crop Evolution, 2013, 60, 49-58.	0.8	5
49	Molecular characterization of secaloindoline genes in introduced CIMMYT primary hexaploid triticale. Crop Journal, 2017, 5, 430-437.	2.3	4
50	Abscisic acid enhances tolerance to spring freeze stress and regulates the expression of ascorbateâ€“glutathione biosynthesis-related genes and stress-responsive genes in common wheat. Molecular Breeding, 2020, 40, 1.	1.0	4
51	Analysis of Fhb1 gene and resistance to Fusarium head blight in 3,177 diverse wheat accessions. Journal of Cereal Science, 2022, 104, 103387.	1.8	4
52	Reduced expression of lipoxygenase genes improves flour processing quality in soft wheat. Journal of Experimental Botany, 2021, 72, 6247-6259.	2.4	3
53	First Record of Aphelenchoides besseyi on Foxtail Millet (Setaria italica) in Henan Province of China. Plant Disease, 2022, 106, 2763.	0.7	1
54	A novel Puroindoline b-2 variant present in Chinese winter wheat cultivar Yunong 202. Journal of Cereal Science, 2013, 57, 249-252.	1.8	0