Hongjie Li

List of Publications by Year
in descending order

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52	1,728	394421	302126
papers	citations	19 h-index	39 g-index

52	52	52	1317
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pm21, Encoding a Typical CC-NBS-LRR Protein, Confers Broad-Spectrum Resistance to Wheat Powdery Mildew Disease. Molecular Plant, 2018, 11, 879-882.	8.3	165
2	Thinopyrum ponticum and Th. intermedium: the promising source of resistance to fungal and viral diseases of wheat. Journal of Genetics and Genomics, 2009, 36, 557-565.	3.9	137
3	A rare gain of function mutation in a wheat tandem kinase confers resistance to powdery mildew. Nature Communications, 2020, 11, 680.	12.8	119
4	Identification of the gene Pm47 on chromosome 7BS conferring resistance to powdery mildew in the Chinese wheat landrace Hongyanglazi. Theoretical and Applied Genetics, 2013, 126, 1397-1403.	3.6	101
5	Transgenic Strategies for Enhancement of Nematode Resistance in Plants. Frontiers in Plant Science, 2017, 8, 750.	3.6	92
6	A rare single nucleotide variant in Pm5e confers powdery mildew resistance in common wheat. New Phytologist, 2020, 228, 1011-1026.	7.3	92
7	A CNL protein in wild emmer wheat confers powdery mildew resistance. New Phytologist, 2020, 228, 1027-1037.	7.3	89
8	Molecular identification of a new powdery mildew resistance gene Pm41 on chromosome 3BL derived from wild emmer (Triticum turgidum var. dicoccoides). Theoretical and Applied Genetics, 2009, 119, 531-539.	3.6	85
9	Smart Parasitic Nematodes Use Multifaceted Strategies to Parasitize Plants. Frontiers in Plant Science, 2017, 8, 1699.	3.6	77
10	Wheat breeding in northern China: Achievements and technical advances. Crop Journal, 2019, 7, 718-729.	5.2	64
11	Genetic analysis and detection of the gene MlLX99 on chromosome 2BL conferring resistance to powdery mildew in the wheat cultivar Liangxing 99. Theoretical and Applied Genetics, 2013, 126, 3081-3089.	3.6	60
12	Pm61: a recessive gene for resistance to powdery mildew in wheat landrace Xuxusanyuehuang identified by comparative genomics analysis. Theoretical and Applied Genetics, 2018, 131, 2085-2097.	3.6	57
13	Resistance to Cereal Cyst Nematodes in Wheat and Barley: An Emphasis on Classical and Modern Approaches. International Journal of Molecular Sciences, 2019, 20, 432.	4.1	53
14	Development of Molecular Markers Linked to Powdery Mildew Resistance Gene Pm4b by Combining SNP Discovery from Transcriptome Sequencing Data with Bulked Segregant Analysis (BSR-Seq) in Wheat. Frontiers in Plant Science, 2018, 9, 95.	3.6	50
15	Molecular detection of a gene effective against powdery mildew in the wheat cultivar Liangxing 66. Molecular Breeding, 2012, 30, 1737-1745.	2.1	34
16	Identification of a Recessive Gene PmQ Conferring Resistance to Powdery Mildew in Wheat Landrace Qingxinmai Using BSR-Seq Analysis. Plant Disease, 2020, 104, 743-751.	1.4	31
17	Fine mapping of the wheat powdery mildew resistance gene Pm52 using comparative genomics analysis and the Chinese Spring reference genomic sequence. Theoretical and Applied Genetics, 2019, 132, 1451-1461.	3.6	30
18	Assessment of resistance to lodging of landrace and improved cultivars in foxtail millet. Euphytica, 2010, 172, 295-302.	1.2	27

#	Article	IF	Citations
19	Breeding new cultivars for sustainable wheat production. Crop Journal, 2019, 7, 715-717.	5.2	23
20	Development and validation of molecular markers closely linked to the wheat stripe rust resistance gene YrC591 for marker-assisted selection. Euphytica, 2014, 198, 317-323.	1.2	21
21	Resistance to soil-borne diseases of wheat: Contributions from the wheatgrasses Thinopyrum intermedium and Th. ponticum. Canadian Journal of Plant Science, 2008, 88, 195-205.	0.9	20
22	Variation in allelic frequencies at loci associated with kernel weight and their effects on kernel weight-related traits in winter wheat. Crop Journal, 2019, 7, 30-37.	5.2	20
23	Penalties in yield and yield associated traits caused by stem lodging at different developmental stages in summer and spring foxtail millet cultivars. Field Crops Research, 2018, 217, 104-112.	5.1	18
24	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
25	The Functional and Regulatory Mechanisms of the Thellungiella salsuginea Ascorbate Peroxidase 6 (TsAPX6) in Response to Salinity and Water Deficit Stresses. PLoS ONE, 2016, 11, e0154042.	2.5	18
26	Effective Resources in Wheat and Wheatâ€“Thinopyrum Derivatives for Resistance to Heterodera filipjevi in China. Crop Science, 2012, 52, 1209-1217.	1.8	17
27	Transcriptional responses of wheat and the cereal cyst nematode Heterodera avenae during their early contact stage. Scientific Reports, 2017, 7, 14471.	3.3	16
28	Development of SNP, KASP, and SSR Markers by BSR-Seq Technology for Saturation of Genetic Linkage Map and Efficient Detection of Wheat Powdery Mildew Resistance Gene Pm61. International Journal of Molecular Sciences, 2019, 20, 750.	4.1	16
29	Resistance of â€˜Zhongmai 155â€™ Wheat to Powdery Mildew: Effectiveness and Detection of the Resistance Gene. Crop Science, 2015, 55, 1017-1025.	1.8	14
30	PmLX66 and PmW14: New Alleles of Pm2 for Resistance to Powdery Mildew in the Chinese Winter Wheat Cultivars Liangxing 66 and Wennong 14. Plant Disease, 2015, 99, 1118-1124.	1.4	14
31	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
32	Characterization of Resistance to the Cereal Cyst Nematode in the Soft White Winter Wheat â€˜Madsenâ€™. Plant Disease, 2016, 100, 679-685.	1.4	12
33	Resistance to Heterodera filipjevi and H. avenae in Winter Wheat is Conferred by Different QTL. Phytopathology, 2020, 110, 472-482.	2.2	12
34	Identification of QTL for resistance to leaf blast in foxtail millet by genome re-sequencing analysis. Theoretical and Applied Genetics, 2021, 134, 743-754.	3.6	12
35	Fine mapping of powdery mildew resistance gene MlWE74 derived from wild emmer wheat (Triticum) Tj ETQq1 1 0.784314 rgBT /Ove 1235-1245.	3.6	12
36	Screening and functional characterization of candidate resistance genes to powdery mildew from Dasypyrum villosum#4 in a wheat line Pm97033. Theoretical and Applied Genetics, 2020, 133, 3067-3083.	3.6	11

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37	Molecular Characterization of All-Stage and Adult-Plant Resistance Loci Against Powdery Mildew in Winter Wheat Cultivar Liangxing 99 Using BSR-Seq Technology. Plant Disease, 2021, 105, 3443-3450.	1.4	11
38	Identification of a Pm4 Allele as a Powdery Mildew Resistance Gene in Wheat Line Xiaomaomai. International Journal of Molecular Sciences, 2022, 23, 1194.	4.1	10
39	Fine mapping of a powdery mildew resistance gene MIIW39 derived from wild emmer wheat (Triticum) Tj ETQq1 1 0.784314 rgBT /Ov	3.6	9
40	Difference between resistant and susceptible maize to systematic colonization as revealed by DsRed-labeled Fusarium verticillioides. Crop Journal, 2013, 1, 61-69.	5.2	8
41	Mapping of wheat stripe rust resistance gene Yr041133 by BSR-Seq analysis. Crop Journal, 2022, 10, 447-455.	5.2	7
42	Characterization of PmDGM Conferring Powdery Mildew Resistance in Chinese Wheat Landrace Duanganmang. Plant Disease, 2021, 105, 3127-3133.	1.4	6
43	Stem lodging parameters of the basal three internodes associated with plant population densities and developmental stages in foxtail millet (Setaria italica) cultivars differing in resistance to lodging. Crop and Pasture Science, 2017, 68, 349.	1.5	5
44	The impact of modern plant breeding on dominant Chinese wheat cultivars (Triticum aestivum L.) revealed by SSR and functional markers. Genetic Resources and Crop Evolution, 2018, 65, 55-65.	1.6	5
45	The Pm5e Gene Has No Negative Effect on Wheat Agronomic Performance: Evidence From Newly Established Near-Isogenic Lines. Frontiers in Plant Science, 0, 13, .	3.6	5
46	Molecular mapping and identification of a candidate gene for new locus Hg2 conferring hairy glume in wheat. Plant Science, 2021, 307, 110879.	3.6	3
47	Characterization of Resistance to Cereal Cyst Nematode, Agronomic Performance, and End-Use Quality Parameters in Four Perennial Wheat-Thinopyrum intermedium Lines. Frontiers in Plant Science, 2020, 11, 594197.	3.6	3
48	Assessment of Resistance to Cereal Cyst Nematode, Stripe Rust, and Powdery Mildew in Wheat-Thinopyrum intermedium Derivatives and Their Chromosome Composition. Plant Disease, 2021, 105, 2898-2906.	1.4	2
49	Identification and molecular mapping of YrBm for adult plan resistance to stripe rust in Chinese wheat landrace Baimangmai. Theoretical and Applied Genetics, 2022, 135, 2655-2664.	3.6	2
50	Registration of H192 and H782, White Winter Wheat Lines Resistant to Cereal Cyst Nematode and Powdery Mildew. Journal of Plant Registrations, 2017, 11, 71-74.	0.5	1
51	Association of the Recessive Allele vrn-D1 With Winter Frost Tolerance in Bread Wheat. Frontiers in Plant Science, 0, 13, .	3.6	1
52	Cloning and functional characterization of auxin receptor TIR1 in Gossypium hirsutum. Acta Physiologiae Plantarum, 2021, 43, 1.	2.1	0