

L Xing

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,066
citations

567281

15
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713466

21
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21
all docs

21
docs citations

21
times ranked

1138
citing authors

#	ARTICLE	IF	CITATIONS
1	Serine/threonine kinase gene <i>Stpk-V</i> , a key member of powdery mildew resistance gene <i>Pm21</i> , confers powdery mildew resistance in wheat. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 7727-7732.	7.1	304
2	Pm21 from <i>Haynaldia villosa</i> Encodes a CC-NBS-LRR Protein Conferring Powdery Mildew Resistance in Wheat. Molecular Plant, 2018, 11, 874-878.	8.3	181
3	Pm62, an adult-plant powdery mildew resistance gene introgressed from <i>Dasypyrum villosum</i> chromosome arm 2VL into wheat. Theoretical and Applied Genetics, 2018, 131, 2613-2620.	3.6	75
4	Overexpression of ERF1-V from <i>Haynaldia villosa</i> Can Enhance the Resistance of Wheat to Powdery Mildew and Increase the Tolerance to Salt and Drought Stresses. Frontiers in Plant Science, 2017, 8, 1948.	3.6	67
5	<i>LecRK</i> , an L-type lectin receptor kinase in <i>Haynaldia villosa</i> , plays positive role in resistance to wheat powdery mildew. Plant Biotechnology Journal, 2018, 16, 50-62.	8.3	54
6	E3 ubiquitin ligase gene <i>CMPG1-V</i> from <i>Haynaldia villosa</i> L. contributes to powdery mildew resistance in common wheat (<i>Triticum aestivum</i> L.). Plant Journal, 2015, 84, 154-168.	5.7	52
7	Two members of TaRLK family confer powdery mildew resistance in common wheat. BMC Plant Biology, 2016, 16, 27.	3.6	40
8	Over-expressing a UDP-glucosyltransferase gene (Ta-UGT 3) enhances Fusarium Head Blight resistance of wheat. Plant Growth Regulation, 2018, 84, 561-571.	3.4	37
9	A malectin-like/leucine-rich repeat receptor protein kinase gene, <i>RLK</i> , regulates powdery mildew resistance in wheat. Molecular Plant Pathology, 2018, 19, 2561-2574.	4.2	30
10	Whole genome development of intron targeting (IT) markers specific for <i>Dasypyrum villosum</i> chromosomes based on next-generation sequencing technology. Molecular Breeding, 2017, 37, 1.	2.1	29
11	TaNAC6s are involved in the basal and broad-spectrum resistance to powdery mildew in wheat. Plant Science, 2018, 277, 218-228.	3.6	28
12	A CYC/TB1-type TCP transcription factor controls spikelet meristem identity in barley. Journal of Experimental Botany, 2020, 71, 7118-7131.	4.8	27
13	RLP1.1, a novel wheat receptor-like protein gene, is involved in the defence response against <i>Puccinia striiformis</i> f. sp. <i>tritici</i> . Journal of Experimental Botany, 2013, 64, 3735-3746.	4.8	26
14	Characterization of a Putative New Semi-Dominant Reduced Height Gene, Rht_NM9, in Wheat (<i>Triticum</i>) Tj ETQq0.0 rgBT /Overlock 1	3.9	25
15	The Hv-SGT1 Gene from <i>Haynaldia villosa</i> Contributes to Resistances Towards Both Biotrophic and Hemi-Biotrophic Pathogens in Common Wheat (<i>Triticum aestivum</i> L.). PLoS ONE, 2013, 8, e72571.	2.5	24
16	Long-range assembly of sequences helps to unravel the genome structure and small variation of the wheat <i>Haynaldia villosa</i> translocated chromosome 6VS.6AL. Plant Biotechnology Journal, 2021, 19, 1567-1578.	8.3	19
17	Characterization of a small GTP-binding protein gene TaRab18 from wheat involved in the stripe rust resistance. Plant Physiology and Biochemistry, 2017, 113, 40-50.	5.8	13
18	A disulphide isomerase gene (PDI-V) from <i>Haynaldia villosa</i> contributes to powdery mildew resistance in common wheat. Scientific Reports, 2016, 6, 24227.	3.3	11

#	ARTICLE	IF	CITATIONS
19	Genome-wide identification of the NLR gene family in <i>Haynaldia villosa</i> by SMRT-RenSeq. <i>BMC Genomics</i> , 2022, 23, 118.	2.8	11
20	Competitive Expression of Endogenous Wheat CENH3 May Lead to Suppression of Alien ZmCENH3 in Transgenic Wheat–Maize Hybrids. <i>Journal of Genetics and Genomics</i> , 2015, 42, 639-649.	3.9	7
21	Molecular characterisation of the broad-spectrum resistance to powdery mildew conferred by the <i>Stpk4</i> gene from the wild species <i>Haynaldia villosa</i> . <i>Plant Biology</i> , 2017, 19, 875-885.	3.8	6