Jixin Zhao

List of Publications by Year
in descending order

23 papers	387 citations	840728 11 h-index	794568 19 g-index
24 all docs	24 docs citations	24 times ranked	281 citing authors

#	Article	IF	Citations
1	Characterization of a wheat-Psathyrostachys huashanica Keng 4Ns disomic addition line for enhanced tiller numbers and stripe rust resistance. Planta, 2014, 239, 97-105.	3.2	59
2	Molecular cytogenetic identification of a wheatâ€“Psathyrostachys huashanica Keng 5Ns disomic addition line with stripe rust resistance. Molecular Breeding, 2013, 31, 879-888.	2.1	42
3	Isolation and Characterization of a Psathyrostachys huashanica Keng 6Ns Chromosome Addition in Common Wheat. PLoS ONE, 2013, 8, e53921.	2.5	40
4	Development and Characterization of a Psathyrostachys huashanica Keng 7Ns Chromosome Addition Line with Leaf Rust Resistance. PLoS ONE, 2013, 8, e70879.	2.5	27
5	Molecular Cytogenetic Characterization of a Wheat â€“ Leymus mollis 3D(3Ns) Substitution Line with Resistance to Leaf Rust. Journal of Genetics and Genomics, 2014, 41, 205-214.	3.9	27
6	Molecular characterization of a wheatâ€“Psathyrostachys huashanica Keng 2Ns disomic addition line with resistance to stripe rust. Molecular Genetics and Genomics, 2014, 289, 735-743.	2.1	25
7	Isolation and characterization of a wheat â€“ Psathyrostachys huashanica â€˜Kengâ€™ 3Ns disomic addition line with resistance to stripe rust. Genome, 2014, 57, 37-44.	2.0	23
8	Development of Single Nucleotide Polymorphism Markers for the Wheat Curl Mite Resistance Gene Cmc4. Crop Science, 2019, 59, 1567-1575.	1.8	23
9	A sucrose:fructan-6-fructosyltransferase (6-SFT) gene from Psathyrostachys huashanica confers abiotic stress tolerance in tobacco. Gene, 2015, 570, 239-247.	2.2	22
10	Molecular cytogenetic characterization of a novel wheatâ€“Psathyrostachys huashanica Keng 5Ns (5D) disomic substitution line with stripe rust resistance. Molecular Breeding, 2019, 39, 1.	2.1	20
11	Cytogenetic and Molecular Marker-Based Characterization of a Wheat-Psathyrostachys huashanica Keng 2Ns(2D) Substitution Line. Plant Molecular Biology Reporter, 2015, 33, 414-423.	1.8	13
12	Molecular cytogenetic characterization of a novel wheatâ€“Psathyrostachys huashanica Keng T3DS-5NsLâ€¢5NsS and T5DL-3DSâ€¢3DL dual translocation line with powdery mildew resistance. BMC Plant Biology, 2020, 20, 163.	3.6	12
13	Development and identification of a dwarf wheat-Leymus mollis double substitution line with resistance to yellow rust and Fusarium head blight. Crop Journal, 2019, 7, 516-526.	5.2	8
14	Molecular cytogenetics and development of St-chromosome-specific molecular markers of novel stripe rust resistant wheatâ€“Thinopyrum intermedium and wheatâ€“Thinopyrum ponticum substitution lines. BMC Plant Biology, 2022, 22, 111.	3.6	8
15	Identification of a novel major QTL from Chinese wheat cultivar Ji5265 for Fusarium head blight resistance in greenhouse. Theoretical and Applied Genetics, 2022, 135, 1867-1877.	3.6	8
16	Molecular Cytogenetic and Morphological Identification of a Wheatâ€“L. mollis 1Ns(1D) Substitution Line, DM45. Plant Molecular Biology Reporter, 2016, 34, 1146-1152.	1.8	7
17	6-SFT, a Protein from Leymus mollis, Positively Regulates Salinity Tolerance and Enhances Fructan Levels in Arabidopsis thaliana. International Journal of Molecular Sciences, 2019, 20, 2691.	4.1	6
18	Molecular characteristics and inheritance of a chromosome segment from Psathyrostachys huashanica Keng in a wheat background. Genetic Resources and Crop Evolution, 2020, 67, 1245-1257.	1.6	5

#	Article	IF	Citations
19	Chromosome karyotype and stability of new synthetic hexaploid wheat. Molecular Breeding, 2021, 41, 1.	2.1	4
20	Molecular Cytogenetic and Agronomic Characterization of the Similarities and Differences Between Wheatâ€“Leymus mollis Trin. and Wheatâ€“Psathyrostachys huashanica Keng 3Ns (3D) Substitution Lines. Frontiers in Plant Science, 2021, 12, 644896.	3.6	3
21	Identification and DNA Marker Development for a Wheat-Leymus mollis 2Ns (2D) Disomic Chromosome Substitution. International Journal of Molecular Sciences, 2022, 23, 2676.	4.1	3
22	Development of a specific SCAR marker for the Ns genome of Psathyrostachys huashanica Keng. Canadian Journal of Plant Science, 2014, 94, 1441-1447.	0.9	1
23	Molecular Characterization and Functional Analysis of Wheat TtLOX Gene Involved in Aphid Resistance. Agronomy, 2020, 10, 780.	3.0	1