

Guihua Bai

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

262
papers

8,702
citations

47
h-index

83
g-index

280
ext. papers

11,267
ext. citations

4
avg, IF

6.03
L-index

#	Paper	IF	Citations
262	Genome-wide comparative diversity uncovers multiple targets of selection for improvement in hexaploid wheat landraces and cultivars. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 8057-62	11.5	719
261	Management and resistance in wheat and barley to fusarium head blight. <i>Annual Review of Phytopathology</i> , 2004 , 42, 135-61	10.8	555
260	Parallel domestication of the Shattering1 genes in cereals. <i>Nature Genetics</i> , 2012 , 44, 720-4	36.3	287
259	Differentially expressed genes between drought-tolerant and drought-sensitive barley genotypes in response to drought stress during the reproductive stage. <i>Journal of Experimental Botany</i> , 2009 , 60, 3531-44	7	280
258	Deoxynivalenol-nonproducing fusarium graminearum causes initial infection, but does not cause disease spread in wheat spikes. <i>Mycopathologia</i> , 2002 , 153, 91-8	2.9	271
257	Amplified fragment length polymorphism markers linked to a major quantitative trait locus controlling scab resistance in wheat. <i>Phytopathology</i> , 1999 , 89, 343-8	3.8	222
256	Quantitative trait loci for yield and related traits in the wheat population Ning7840 x Clark. <i>Theoretical and Applied Genetics</i> , 2006 , 112, 688-98	6	183
255	Horizontal gene transfer of from fungus underlies head blight resistance in wheat. <i>Science</i> , 2020 , 368,	33.3	158
254	Genetic analysis of scab resistance QTL in wheat with microsatellite and AFLP markers. <i>Genome</i> , 2002 , 45, 719-27	2.4	154
253	Modeling and mapping QTL for senescence-related traits in winter wheat under high temperature. <i>Molecular Breeding</i> , 2010 , 26, 163-175	3.4	140
252	Resistance to Fusarium head blight and deoxynivalenol accumulation in wheat. <i>Plant Breeding</i> , 2001 , 120, 1-6	2.4	138
251	A deletion mutation in TaHRC confers Fhb1 resistance to Fusarium head blight in wheat. <i>Nature Genetics</i> , 2019 , 51, 1099-1105	36.3	127
250	Host Plant Resistance Genes for Fusarium Head Blight: Mapping and Manipulation with Molecular Markers. <i>Crop Science</i> , 2001 , 41, 611-619	2.4	115
249	Presence of tannins in sorghum grains is conditioned by different natural alleles of Tannin1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 10281-6	11.5	111
248	Cloning and characterization of a critical regulator for preharvest sprouting in wheat. <i>Genetics</i> , 2013 , 195, 263-73	4	105
247	Mapping QTLs for root traits in a recombinant inbred population from two indica ecotypes in rice. <i>Theoretical and Applied Genetics</i> , 2000 , 101, 756-766	6	103
246	Inheritance of resistance to Fusarium graminearum in wheat. <i>Theoretical and Applied Genetics</i> , 2000 , 100, 1-8	6	102

245	Genic and nongenic contributions to natural variation of quantitative traits in maize. <i>Genome Research</i> , 2012 , 22, 2436-44	9.7	96
244	Validation of a major QTL for scab resistance with SSR markers and use of marker-assisted selection in wheat. <i>Plant Breeding</i> , 2003 , 122, 40-46	2.4	95
243	Fusarium graminearum-induced changes in gene expression between Fusarium head blight-resistant and susceptible wheat cultivars. <i>Functional and Integrative Genomics</i> , 2007 , 7, 69-77	3.8	77
242	A major QTL controlling seed dormancy and pre-harvest sprouting resistance on chromosome 4A in a Chinese wheat landrace. <i>Molecular Breeding</i> , 2008 , 21, 351-358	3.4	72
241	Genotyping-by-Sequencing (GBS) Revealed Molecular Genetic Diversity of Iranian Wheat Landraces and Cultivars. <i>Frontiers in Plant Science</i> , 2017 , 8, 1293	6.2	70
240	Molecular mapping of a quantitative trait locus for aluminum tolerance in wheat cultivar Atlas 66. <i>Theoretical and Applied Genetics</i> , 2005 , 112, 51-7	6	70
239	Quantitative trait loci for resistance to pre-harvest sprouting in US hard white winter wheat Rio Blanco. <i>Theoretical and Applied Genetics</i> , 2008 , 117, 691-9	6	67
238	Association of candidate genes with drought tolerance traits in diverse perennial ryegrass accessions. <i>Journal of Experimental Botany</i> , 2013 , 64, 1537-51	7	65
237	Genetic Diversity, Population Structure, and Linkage Disequilibrium in U.S. Elite Winter Wheat. <i>Plant Genome</i> , 2010 , 3,	4.4	65
236	Control of dissected leaf morphology by a Cys(2)His(2) zinc finger transcription factor in the model legume <i>Medicago truncatula</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 10754-9	11.5	65
235	The major threshability genes soft glume (sog) and tenacious glume (Tg), of diploid and polyploid wheat, trace their origin to independent mutations at non-orthologous loci. <i>Theoretical and Applied Genetics</i> , 2009 , 119, 341-51	6	64
234	Mapping quantitative trait loci for quality factors in an inter-class cross of US and Chinese wheat. <i>Theoretical and Applied Genetics</i> , 2010 , 120, 1041-51	6	63
233	Quantitative trait loci for Fusarium head blight resistance in a recombinant inbred population of Wangshuibai/Wheaton. <i>Phytopathology</i> , 2008 , 98, 87-94	3.8	63
232	Transcriptional analysis between two wheat near-isogenic lines contrasting in aluminum tolerance under aluminum stress. <i>Molecular Genetics and Genomics</i> , 2007 , 277, 1-12	3.1	59
231	QTLs for Fusarium head blight response in a wheat DH population of Wangshuibai/Alondra. <i>Euphytica</i> , 2006 , 146, 183-191	2.1	59
230	Increasing seed size and quality by manipulating BIG SEEDS1 in legume species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 12414-12419	11.5	58
229	Molecular characterization of Fusarium head blight resistance in Wangshuibai with simple sequence repeat and amplified fragment length polymorphism markers. <i>Genome</i> , 2004 , 47, 1137-43	2.4	57
228	Molecular characterization of Fusarium head blight resistance from wheat variety Wangshuibai. <i>Euphytica</i> , 2004 , 139, 59-64	2.1	55

227	Genotyping-by-sequencing (GBS) identified SNP tightly linked to QTL for pre-harvest sprouting resistance. <i>Theoretical and Applied Genetics</i> , 2015 , 128, 1385-95	6	53
226	Breeding wheat for resistance to Fusarium head blight in the Global North: China, USA, and Canada. <i>Crop Journal</i> , 2019 , 7, 730-738	4.6	52
225	Genetic Analyses of Chinese Cynodon Accessions by Flow Cytometry and AFLP Markers. <i>Crop Science</i> , 2006 , 46, 917-926	2.4	52
224	Wheat resistance to Fusarium head blight. <i>Canadian Journal of Plant Pathology</i> , 2018 , 40, 336-346	1.6	52
223	Quantitative trait loci for aluminum resistance in Chinese wheat landrace FSW. <i>Theoretical and Applied Genetics</i> , 2008 , 117, 49-56	6	51
222	Molecular Mapping of Stem-Rust-Resistance Gene Sr40 in Wheat. <i>Crop Science</i> , 2009 , 49, 1681-1686	2.4	49
221	Main effects, epistasis, and environmental interactions of quantitative trait Loci for fusarium head blight resistance in a recombinant inbred population. <i>Phytopathology</i> , 2006 , 96, 534-41	3.8	49
220	Single nucleotide polymorphism in wheat chromosome region harboring Fhb1 for Fusarium head blight resistance. <i>Molecular Breeding</i> , 2012 , 29, 477-488	3.4	48
219	Quantitative trait loci for resistance to fusarium head blight and deoxynivalenol accumulation in Wangshuibai wheat under field conditions. <i>Plant Pathology</i> , 2006 , 55, 739-745	2.8	48
218	Identification of a candidate gene for a QTL for spikelet number per spike on wheat chromosome arm 7AL by high-resolution genetic mapping. <i>Theoretical and Applied Genetics</i> , 2019 , 132, 2689-2705	6	47
217	Identification of a novel gene, H34, in wheat using recombinant inbred lines and single nucleotide polymorphism markers. <i>Theoretical and Applied Genetics</i> , 2013 , 126, 2065-71	6	47
216	Quantitative trait loci for aluminum resistance in wheat. <i>Molecular Breeding</i> , 2007 , 19, 153-161	3.4	47
215	Allelic variations of a light harvesting chlorophyll a/b-binding protein gene (Lhcb1) associated with agronomic traits in barley. <i>PLoS ONE</i> , 2012 , 7, e37573	3.7	46
214	Genome-wide association analysis on pre-harvest sprouting resistance and grain color in U.S. winter wheat. <i>BMC Genomics</i> , 2016 , 17, 794	4.5	45
213	Molecular Markers Linked to Important Genes in Hard Winter Wheat. <i>Crop Science</i> , 2014 , 54, 1304-1321	2.4	45
212	Marker-assisted characterization of Asian wheat lines for resistance to Fusarium head blight. <i>Theoretical and Applied Genetics</i> , 2006 , 113, 308-20	6	45
211	Novel quantitative trait loci (QTL) for Fusarium head blight resistance in wheat cultivar Chokwang. <i>Theoretical and Applied Genetics</i> , 2005 , 111, 1571-9	6	45
210	Regulation of compound leaf development in <i>Medicago truncatula</i> by fused compound leaf1, a class M KNOX gene. <i>Plant Cell</i> , 2011 , 23, 3929-43	11.6	44

209	Quantitative trait loci for resistance to fusarium head blight in a Chinese wheat landrace Haiyanzhong. <i>Theoretical and Applied Genetics</i> , 2011 , 122, 1497-502	6	43
208	Mapping of QTLs prolonging the latent period of Puccinia triticina infection in wheat. <i>Theoretical and Applied Genetics</i> , 2005 , 110, 244-51	6	43
207	Molecular Characterization of Slow Leaf-Rusting Resistance in Wheat. <i>Crop Science</i> , 2005 , 45, 758-765	2.4	42
206	Genetic Relationships among Head Blight Resistant Cultivars of Wheat Assessed on the Basis of Molecular Markers. <i>Crop Science</i> , 2003 , 43, 498	2.4	42
205	Gene editing of the wheat homologs of TONNEAU1-recruiting motif encoding gene affects grain shape and weight in wheat. <i>Plant Journal</i> , 2019 , 100, 251-264	6.9	41
204	Development and validation of diagnostic markers for Fhb1 region, a major QTL for Fusarium head blight resistance in wheat. <i>Theoretical and Applied Genetics</i> , 2018 , 131, 2371-2380	6	40
203	Association analysis of stem rust resistance in U.S. winter wheat. <i>PLoS ONE</i> , 2014 , 9, e103747	3.7	40
202	New Fusarium Head Blight-Resistant Sources from Asian Wheat Germplasm. <i>Crop Science</i> , 2008 , 48, 1090-4	2.4	38
201	Registration of Snowmass Wheat. <i>Journal of Plant Registrations</i> , 2011 , 5, 87-90	0.7	37
200	High-Resolution Genome-wide Association Study Identifies Genomic Regions and Candidate Genes for Important Agronomic Traits in Wheat. <i>Molecular Plant</i> , 2020 , 13, 1311-1327	14.4	36
199	Precisely mapping a major gene conferring resistance to Hessian fly in bread wheat using genotyping-by-sequencing. <i>BMC Genomics</i> , 2015 , 16, 108	4.5	34
198	Fusarium Head Blight Resistance in U.S. Winter Wheat Cultivars and Elite Breeding Lines. <i>Crop Science</i> , 2013 , 53, 2006-2013	2.4	34
197	Discovery and mapping of single feature polymorphisms in wheat using Affymetrix arrays. <i>BMC Genomics</i> , 2009 , 10, 251	4.5	34
196	A genetic linkage map of tef [<i>Eragrostis tef</i> (Zucc.) Trotter] based on amplified fragment length polymorphism. <i>Theoretical and Applied Genetics</i> , 1999 , 99, 599-604	6	34
195	Differentially expressed proteins associated with Fusarium head blight resistance in wheat. <i>PLoS ONE</i> , 2013 , 8, e82079	3.7	33
194	A novel quantitative trait locus for Fusarium head blight resistance in chromosome 7A of wheat. <i>Theoretical and Applied Genetics</i> , 2011 , 122, 1189-98	6	32
193	Inheritance and Genetic Mapping of Russian Wheat Aphid Resistance in Iranian Wheat Landrace Accession PI 626580. <i>Crop Science</i> , 2012 , 52, 676-682	2.4	32
192	Registration of Bipper Wheat. <i>Journal of Plant Registrations</i> , 2007 , 1, 1-6	0.7	32

191	Identification and genetic mapping of the putative <i>Thinopyrum</i> intermedium-derived dominant powdery mildew resistance gene PmL962 on wheat chromosome arm 2BS. <i>Theoretical and Applied Genetics</i> , 2015 , 128, 517-28	6	31
190	Genetic Diversity and Population Structure of Elite Foxtail Millet [<i>Setaria italica</i> (L.) P. Beauv.] Germplasm in China. <i>Crop Science</i> , 2011 , 51, 1655-1663	2.4	31
189	Registration of N[E01643]Wheat. <i>Journal of Plant Registrations</i> , 2008 , 2, 36-42	0.7	30
188	Single nucleotide polymorphism tightly linked to a major QTL on chromosome 7A for both kernel length and kernel weight in wheat. <i>Molecular Breeding</i> , 2016 , 36, 1	3.4	29
187	Fusarium-damaged kernels and deoxynivalenol in Fusarium-infected U.S. winter wheat. <i>Phytopathology</i> , 2014 , 104, 472-8	3.8	29
186	Candidate gene association mapping for winter survival and spring regrowth in perennial ryegrass. <i>Plant Science</i> , 2015 , 235, 37-45	5.3	28
185	Mapping and characterization of the new adult plant leaf rust resistance gene Lr77 derived from Santa Fe winter wheat. <i>Theoretical and Applied Genetics</i> , 2018 , 131, 1553-1560	6	28
184	QTL Mapping for Grain Yield, Flowering Time, and Stay-Green Traits in Sorghum with Genotyping-by-Sequencing Markers. <i>Crop Science</i> , 2016 , 56, 1429-1442	2.4	28
183	AFLP and STS tagging of a major QTL for Fusarium head blight resistance in wheat. <i>Theoretical and Applied Genetics</i> , 2003 , 106, 1011-7	6	28
182	Independent mis-splicing mutations in TaPHS1 causing loss of preharvest sprouting (PHS) resistance during wheat domestication. <i>New Phytologist</i> , 2015 , 208, 928-35	9.8	27
181	Association of simple sequence repeat (SSR) markers with submergence tolerance in diverse populations of perennial ryegrass. <i>Plant Science</i> , 2011 , 180, 391-8	5.3	27
180	Association analysis reveals effects of wheat glutenin alleles and rye translocations on dough-mixing properties. <i>Journal of Cereal Science</i> , 2009 , 50, 283-290	3.8	27
179	Lesion mimic associates with adult plant resistance to leaf rust infection in wheat. <i>Theoretical and Applied Genetics</i> , 2009 , 119, 13-21	6	27
178	Quantitative Trait Loci for Aluminum Resistance in Wheat Cultivar Chinese Spring. <i>Plant and Soil</i> , 2006 , 283, 239-249	4.2	27
177	Covariation for Microsatellite Marker Alleles Associated with Rht8 and Coleoptile Length in Winter Wheat. <i>Crop Science</i> , 2004 , 44, 1187-1194	2.4	27
176	A High-Density SNP and SSR Consensus Map Reveals Segregation Distortion Regions in Wheat. <i>BioMed Research International</i> , 2015 , 2015, 830618	3	26
175	Duster[Wheat: A Durable, Dual-Purpose Cultivar Adapted to the Southern Great Plains of the USA. <i>Journal of Plant Registrations</i> , 2012 , 6, 37-48	0.7	26
174	Identification of new sources of aluminum resistance in wheat. <i>Plant and Soil</i> , 2007 , 297, 105-118	4.2	26

173	Amplified Fragment Length Polymorphism Analysis of Tef [<i>Eragrostis tef</i> (Zucc.) Trotter]. <i>Crop Science</i> , 1999 , 39, 819-824	2.4	26
172	Adult Plant Leaf Rust Resistance Derived from Toropi Wheat is Conditioned by Lr78 and Three Minor QTL. <i>Phytopathology</i> , 2018 , 108, 246-253	3.8	25
171	Quantitative trait loci responsible for Fusarium head blight resistance in Chinese landrace Baishanyuehuang. <i>Theoretical and Applied Genetics</i> , 2012 , 125, 495-502	6	25
170	Genetic diversity among synthetic hexaploid wheat accessions (<i>Triticum aestivum</i>) with resistance to several fungal diseases. <i>Genetic Resources and Crop Evolution</i> , 2016 , 63, 1285-1296	2	24
169	Using Next Generation Sequencing for Multiplexed Trait-Linked Markers in Wheat. <i>PLoS ONE</i> , 2015 , 10, e0143890	3.7	24
168	Molecular markers for wheat leaf rust resistance gene Lr41. <i>Molecular Breeding</i> , 2009 , 23, 311-321	3.4	24
167	Consensus Mapping and Identification of Markers for Marker-Assisted Selection of Wsm2 in Wheat. <i>Crop Science</i> , 2012 , 52, 720-728	2.4	24
166	Dissection and fine mapping of a major QTL for preharvest sprouting resistance in white wheat Rio Blanco. <i>Theoretical and Applied Genetics</i> , 2010 , 121, 1395-404	6	24
165	Single nucleotide polymorphisms linked to quantitative trait loci for grain quality traits in wheat. <i>Crop Journal</i> , 2016 , 4, 1-11	4.6	23
164	Quantitative trait loci for resistance to Fusarium head blight in the Chinese wheat landrace Huangfangzhu. <i>Euphytica</i> , 2012 , 185, 93-102	2.1	23
163	Single nucleotide polymorphisms in HSP17.8 and their association with agronomic traits in barley. <i>PLoS ONE</i> , 2013 , 8, e56816	3.7	23
162	Development of EST-SSR markers in flowering Chinese cabbage (<i>Brassica campestris</i> L. ssp. <i>chinensis</i> var. <i>utilis</i> Tsen et Lee) based on de novo transcriptomic assemblies. <i>PLoS ONE</i> , 2017 , 12, e0184736	3.7	22
161	Whole-genome resequencing: changing the paradigms of SNP detection, molecular mapping and gene discovery. <i>Molecular Breeding</i> , 2015 , 35, 1	3.4	22
160	Starch waxiness in hexaploid wheat (<i>Triticum aestivum</i> L.) by NIR reflectance spectroscopy. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 4002-8	5.7	22
159	Genetic diversity in tef [<i>Eragrostis tef</i> (Zucc.) Trotter] and its relatives as revealed by Random Amplified Polymorphic DNAs. <i>Euphytica</i> , 2000 , 112, 15-22	2.1	22
158	Quantitative trait loci for resistance to <i>Pyrenophora tritici-repentis</i> race 1 in a Chinese wheat. <i>Phytopathology</i> , 2010 , 100, 468-73	3.8	21
157	Genome-Wide Association Mapping Reveals Novel QTL for Seedling Leaf Rust Resistance in a Worldwide Collection of Winter Wheat. <i>Plant Genome</i> , 2016 , 9, plantgenome2016.06.0051	4.4	21
156	Single nucleotide polymorphism markers linked to QTL for wheat yield traits. <i>Euphytica</i> , 2015 , 206, 89-101	1.1	20

155	QTL mapping of pre-harvest sprouting resistance in a white wheat cultivar Danby. <i>Theoretical and Applied Genetics</i> , 2018 , 131, 1683-1697	6	20
154	Genome-wide association analysis identified SNPs closely linked to a gene resistant to Soil-borne wheat mosaic virus. <i>Theoretical and Applied Genetics</i> , 2014 , 127, 1039-47	6	20
153	Genome-wide association study reveals genetic architecture of coleoptile length in wheat. <i>Theoretical and Applied Genetics</i> , 2017 , 130, 391-401	6	20
152	Understanding the Genetic Basis of Spike Fertility to Improve Grain Number, Harvest Index, and Grain Yield in Wheat Under High Temperature Stress Environments. <i>Frontiers in Plant Science</i> , 2019 , 10, 1481	6.2	20
151	Non-coding RNAs: Functional roles in the regulation of stress response in Brassica crops. <i>Genomics</i> , 2020 , 112, 1419-1424	4.3	20
150	Validation of quantitative trait loci for aluminum tolerance in Chinese wheat landrace FSW. <i>Euphytica</i> , 2013 , 192, 171-179	2.1	19
149	Dissection of genetic components of preharvest sprouting resistance in white wheat. <i>Molecular Breeding</i> , 2011 , 27, 511-523	3.4	19
148	Genetic diversity in the U.S. hard red winter wheat cultivars as revealed by microsatellite markers. <i>Crop and Pasture Science</i> , 2009 , 60, 16	2.2	19
147	Chromosome size in diploid eukaryotic species centers on the average length with a conserved boundary. <i>Molecular Biology and Evolution</i> , 2011 , 28, 1901-11	8.3	19
146	Molecular Mapping of Wheat Leaf Rust Resistance Gene Lr42. <i>Crop Science</i> , 2010 , 50, 59-66	2.4	19
145	Genetic Diversity, Population Structure, and Linkage Disequilibrium of Pearl Millet. <i>Plant Genome</i> , 2019 , 12, 1-12	4.4	19
144	Imputation accuracy of wheat genotyping-by-sequencing (GBS) data using barley and wheat genome references. <i>PLoS ONE</i> , 2019 , 14, e0208614	3.7	19
143	The Lr46 Gene Conditions Partial Adult- Plant Resistance to Stripe Rust, Stem Rust, and Powdery Mildew in Thatcher Wheat. <i>Crop Science</i> , 2015 , 55, 2557-2565	2.4	18
142	Diverse origins of aluminum-resistance sources in wheat. <i>Theoretical and Applied Genetics</i> , 2008 , 118, 29-41	6	18
141	Genetic Diversity of <i>Cynodon transvaalensis</i> Burtt-Davy and Its Relatedness to Hexaploid <i>C. dactylon</i> (L.) Pers. as Indicated by AFLP Markers. <i>Crop Science</i> , 2005 , 45, 848-853	2.4	18
140	Genome-wide Association Analysis of Powdery Mildew Resistance in U.S. Winter Wheat. <i>Scientific Reports</i> , 2017 , 7, 11743	4.9	17
139	Quantitative Trait Loci for Fusarium Head Blight Resistance in Huangcandou Magger Wheat Population. <i>Crop Science</i> , 2014 , 54, 2520-2528	2.4	17
138	Registration of H03614 CL Wheat. <i>Journal of Plant Registrations</i> , 2011 , 5, 75-80	0.7	17

137	Multiple Minor QTLs Are Responsible for Fusarium Head Blight Resistance in Chinese Wheat Landrace Haiyanzhong. <i>PLoS ONE</i> , 2016 , 11, e0163292	3.7	17
136	Allelochemicals targeted to balance competing selections in African agroecosystems. <i>Nature Plants</i> , 2019 , 5, 1229-1236	11.5	17
135	Genetic variations of Hvp5CS1 and their association with drought tolerance related traits in barley (<i>Hordeum vulgare</i> L.). <i>Scientific Reports</i> , 2017 , 7, 7870	4.9	16
134	Fine Mapping of the Wheat Leaf Rust Resistance Gene. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	16
133	Identification of powdery mildew resistance loci in wheat by integrating genome-wide association study (GWAS) and linkage mapping. <i>Crop Journal</i> , 2019 , 7, 294-306	4.6	16
132	Development and Validation of KASP Markers for Wheat Streak Mosaic Virus Resistance Gene Wsm2. <i>Crop Science</i> , 2017 , 57, 340-349	2.4	16
131	Registration of Infinity CLWheat. <i>Crop Science</i> , 2006 , 46, 975-977	2.4	16
130	Deletion of a Chromosome Arm Altered Wheat Resistance to Fusarium Head Blight and Deoxynivalenol Accumulation in Chinese Spring. <i>Plant Disease</i> , 2006 , 90, 1545-1549	1.5	16
129	A QTL for early heading in wheat cultivar Suwon 92. <i>Euphytica</i> , 2006 , 146, 233-237	2.1	16
128	Meta-analysis of QTL for Fusarium head blight resistance in Chinese wheat landraces. <i>Crop Journal</i> , 2019 , 7, 784-798	4.6	15
127	Evaluation of genetic markers for prediction of preharvest sprouting tolerance in hard white winter wheats. <i>Plant Breeding</i> , 2013 , 132, 359-366	2.4	15
126	Mapping Quantitative Trait Loci for Long Coleoptile in Chinese Wheat Landrace Wangshuibai. <i>Crop Science</i> , 2010 , 50, 43-50	2.4	15
125	Integration of meta-QTL discovery with omics: Towards a molecular breeding platform for improving wheat resistance to Fusarium head blight. <i>Crop Journal</i> , 2021 , 9, 739-749	4.6	15
124	Development of Single Nucleotide Polymorphism Markers for the Wheat Curl Mite Resistance Gene Cmc4. <i>Crop Science</i> , 2019 , 59, 1567-1575	2.4	14
123	Identification of two novel Hessian fly resistance genes H35 and H36 in a hard winter wheat line SD06165. <i>Theoretical and Applied Genetics</i> , 2020 , 133, 2343-2353	6	14
122	Validation of Molecular Markers for New Stem Rust Resistance Genes in U.S. Hard Winter Wheat. <i>Crop Science</i> , 2013 , 53, 755-764	2.4	14
121	Resistance to Tan Spot and Insensitivity to Ptr ToxA in Wheat. <i>Crop Science</i> , 2011 , 51, 1059-1067	2.4	14
120	Registration of ByrdWheat. <i>Journal of Plant Registrations</i> , 2012 , 6, 302-305	0.7	14

119	Registration of MatternWaxy (Amylose-free) Winter Wheat. <i>Journal of Plant Registrations</i> , 2014 , 8, 43-48	0.7	14
118	Identification of Novel Powdery Mildew Resistance Sources in Wheat. <i>Crop Science</i> , 2016 , 56, 1817-1830	2.4	14
117	Mapping quantitative trait loci for plant adaptation and morphology traits in wheat using single nucleotide polymorphisms. <i>Euphytica</i> , 2016 , 208, 299-312	2.1	13
116	Fusarium head blight resistance loci in a stratified population of wheat landraces and varieties. <i>Euphytica</i> , 2016 , 207, 551-561	2.1	13
115	Mapping of Quantitative Trait Loci for Leaf Rust Resistance in the Wheat Population Ning7840 Clark. <i>Plant Disease</i> , 2017 , 101, 1974-1979	1.5	13
114	Registration of E06545 (Husker Genetics Brand Freeman) Hard Red Winter Wheat. <i>Journal of Plant Registrations</i> , 2014 , 8, 279-284	0.7	13
113	Quantitative Trait Loci for Fusarium Head Blight Resistance in U.S. Hard Winter Wheat Cultivar Heyne. <i>Crop Science</i> , 2012 , 52, 1187-1194	2.4	13
112	Registration of IntradaWheat. <i>Crop Science</i> , 2003 , 43, 1135-1136	2.4	13
111	Pm223899, a new recessive powdery mildew resistance gene identified in Afghanistan landrace PI 223899. <i>Theoretical and Applied Genetics</i> , 2018 , 131, 2775-2783	6	13
110	Identification of markers linked to genes for sprouting tolerance (independent of grain color) in hard white winter wheat (HWW). <i>Theoretical and Applied Genetics</i> , 2016 , 129, 419-30	6	12
109	BillingsWheat Combines Early Maturity, Disease Resistance, and Desirable Grain Quality for the Southern Great Plains, USA. <i>Journal of Plant Registrations</i> , 2014 , 8, 22-31	0.7	12
108	Molecular characterization of a powdery mildew resistance gene in wheat cultivar suwon 92. <i>Phytopathology</i> , 2006 , 96, 496-500	3.8	12
107	End-Use Quality and Agronomic Characteristics Associated with the Glu-B1a1 High-Molecular-Weight Glutenin Allele in U.S. Hard Winter Wheat. <i>Crop Science</i> , 2016 , 56, 2348-2353	2.4	12
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98	Registration of Denali Wheat. <i>Journal of Plant Registrations</i> , 2012 , 6, 311-314	0.7	10
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66	A combination of leaf rust resistance gene Lr34 and lesion mimic gene lm significantly enhances adult plant resistance to Puccinia triticina in wheat. <i>Science Bulletin</i> , 2012 , 57, 2113-2119		5

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64	Registration of Warhorse Wheat. <i>Journal of Plant Registrations</i> , 2014 , 8, 173-176	0.7	5
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42	Characterization of wheat curl mite resistance gene Cmc4 in OK05312. <i>Theoretical and Applied Genetics</i> , 2021 , 134, 993-1005	6	3
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38	Identification of candidate chromosome region of Sbw1 for Soil-borne wheat mosaic virus resistance in wheat. <i>Scientific Reports</i> , 2020 , 10, 8119	4.9	2
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16	Development of KASP markers for wheat greenbug resistance gene Gb5. <i>Crop Science</i> , 2021 , 61, 490-499	2.4	1
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14	Identification of a novel major QTL from Chinese wheat cultivar Ji5265 for Fusarium head blight resistance in greenhouse.. <i>Theoretical and Applied Genetics</i> , 2022 , 1	6	1
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12	Registration of Bobcat Hard red winter wheat. <i>Journal of Plant Registrations</i> , 2020 , 14, 371-376	0.7	0

11	Registration of KS Western Star hard red winter wheat. <i>Journal of Plant Registrations</i> , 2021 , 15, 140-146	0.7	○
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