Guihua Bai

List of Publications by Year
in descending order

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275	12,624	34493	40945
papers	citations	54 h-index	97 g-index

280	280	280	8868
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identification of a major QTL for Hessian fly resistance in wheat cultivar â€˜Chokwangâ€™. Crop Journal, 2022, 10, 775-782.	2.3	10
2	Registration of â€˜KS Hamiltonâ€™ hard red winter wheat. Journal of Plant Registrations, 2022, 16, 73-79.	0.4	1
3	Development of the Wheat Practical Haplotype Graph database as a resource for genotyping data storage and genotype imputation. G3: Genes, Genomes, Genetics, 2022, 12, .	0.8	7
4	Genetics-inspired data-driven approaches explain and predict crop performance fluctuations attributed to changing climatic conditions. Molecular Plant, 2022, 15, 203-206.	3.9	8
5	A natural variation in Ribonuclease H-like gene underlies Rht8 to confer â€œGreen Revolutionâ€•trait in wheat. Molecular Plant, 2022, 15, 377-380.	3.9	47
6	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.	1.8	8
7	Characterization of Rsg2.a3: A new greenbug resistance allele at the Rsg2 locus from wild barley (Hordeum vulgare ssp. spontaneum). Crop Journal, 2022, 10, 1727-1732.	2.3	8
8	Genotyping-by-Sequencing Based Molecular Genetic Diversity of Pakistani Bread Wheat (Triticum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.1	1
9	Development and optimization of a Barley stripe mosaic virusâ€•mediated gene editing system to improve Fusarium head blight resistance in wheat. Plant Biotechnology Journal, 2022, 20, 1018-1020.	4.1	23
10	Multi-trait genomic prediction using in-season physiological parameters increases prediction accuracy of complex traits in US wheat. BMC Genomics, 2022, 23, 298.	1.2	10
11	Genomic prediction of Fusarium head blight resistance in early stages using advanced breeding lines in hard winter wheat. Crop Journal, 2022, 10, 1695-1704.	2.3	10
12	Genetics of Fusarium head blight resistance in soft red winter wheat using a genomeâ€•wide association study. Plant Genome, 2022, 15, .	1.6	9
13	Cloning of the broadly effective wheat leaf rust resistance gene Lr42 transferred from Aegilops tauschii. Nature Communications, 2022, 13, .	5.8	29
14	Quantitative trait loci for Fusarium head blight resistance in wheat cultivars Yangmai 158 and Zhengmai 9023. Crop Journal, 2021, 9, 143-153.	2.3	13
15	Characterization of an Incomplete Leaf Rust Resistance Gene on Chromosome 1RS and Development of KASP Markers for Lr47 in Wheat. Phytopathology, 2021, 111, 649-658.	1.1	7
16	Development of KASP markers for wheat greenbug resistance gene Gb5. Crop Science, 2021, 61, 490-499.	0.8	6
17	Genetic analysis of endâ€•use quality traits in wheat. Crop Science, 2021, 61, 1709-1723.	0.8	8
18	Integration of meta-QTL discovery with omics: Towards a molecular breeding platform for improving wheat resistance to Fusarium head blight. Crop Journal, 2021, 9, 739-749.	2.3	54

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19	Artificial selection in breeding extensively enriched a functional allelic variation in TaPHS1 for pre-harvest sprouting resistance in wheat. Theoretical and Applied Genetics, 2021, 134, 339-350.	1.8	2
20	Registration of â€˜KS Silveradoâ€™ hard white winter wheat. Journal of Plant Registrations, 2021, 15, 147-153.	0.4	2
21	â€˜Gallagherâ€™ and â€˜Ibaâ€™ hard red winter wheat: Halfâ€sibs inseparable by yield gain, separable by producer preference. Journal of Plant Registrations, 2021, 15, 177-195.	0.4	3
22	Characterization of wheat curl mite resistance gene Cmc4 in OK05312. Theoretical and Applied Genetics, 2021, 134, 993-1005.	1.8	11
23	Development of diagnostic markers for a wheat leaf rust resistance gene Lr42 using RNA-sequencing. Crop Journal, 2021, 9, 1357-1366.	2.3	5
24	High-resolution genome-wide association study and genomic prediction for disease resistance and cold tolerance in wheat. Theoretical and Applied Genetics, 2021, 134, 2857-2873.	1.8	15
25	Characterization of the genetic basis of local adaptation of wheat landraces from Iran and Pakistan using genomeâ€wide association study. Plant Genome, 2021, 14, e20096.	1.6	8
26	Expanding the range of editable targets in the wheat genome using the variants of the Cas12a and Cas9 nucleases. Plant Biotechnology Journal, 2021, 19, 2428-2441.	4.1	16
27	Rsg1.a3: A new allele conferring unique resistance to greenbug Biotype H at the Rsg1 locus in Hordeum vulgare ssp. spontaneum. Crop Science, 2021, 61, 3578-3585.	0.8	7
28	Characterization of PmBN418 , a wheat powdery mildew resistance gene on the rye 1RS chromosome arm. Crop Science, 2021, 61, 4194.	0.8	1
29	Precise mapping of QTL for Hessian fly resistance in the hard winter wheat cultivar â€˜Overlandâ€™. Theoretical and Applied Genetics, 2021, 134, 3951-3962.	1.8	7
30	Registration of â€˜KS Western Starâ€™ hard red winter wheat. Journal of Plant Registrations, 2021, 15, 140-146.	0.4	2
31	Registration of â€˜KS Dallasâ€™ hard red winter wheat. Journal of Plant Registrations, 2021, 15, 154-160.	0.4	2
32	Multiplex restriction amplicon sequencing: a novel nextâ€generation sequencingâ€based marker platform for highâ€throughput genotyping. Plant Biotechnology Journal, 2020, 18, 254-265.	4.1	18
33	A Single Amino Acid Substitution in the Intervening Region of 129K Protein of Cucumber Green Mottle Mosaic Virus Resulted in Attenuated Symptoms. Phytopathology, 2020, 110, 146-152.	1.1	7
34	Non-coding RNAs: Functional roles in the regulation of stress response in Brassica crops. Genomics, 2020, 112, 1419-1424.	1.3	32
35	Mapping of QTL for partial resistance to powdery mildew in two Chinese common wheat cultivars. Euphytica, 2020, 216, 1.	0.6	24
36	High-Resolution Genome-wide Association Study Identifies Genomic Regions and Candidate Genes for Important Agronomic Traits in Wheat. Molecular Plant, 2020, 13, 1311-1327.	3.9	130

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37	Genomic diversity in pearl millet inbred lines derived from landraces and improved varieties. BMC Genomics, 2020, 21, 469.	1.2	12
38	Registration of â€˜NE10589â€™ (Husker Genetics Brand Ruth) hard red winter wheat. Journal of Plant Registrations, 2020, 14, 388-397.	0.4	4
39	Registration of â€˜Flatheadâ€™ hard red winter wheat. Journal of Plant Registrations, 2020, 14, 418-423.	0.4	0
40	Identification of candidate chromosome region of Sbwm1 for Soil-borne wheat mosaic virus resistance in wheat. Scientific Reports, 2020, 10, 8119.	1.6	10
41	Identification of two novel Hessian fly resistance genes H35 and H36 in a hard winter wheat line SD06165. Theoretical and Applied Genetics, 2020, 133, 2343-2353.	1.8	31
42	Development of an Evaluation System for Fusarium Resistance in Wheat Grains and Its Application in Assessment of the Corresponding Effects of Fhb1. Plant Disease, 2020, 104, 2210-2216.	0.7	9
43	Reassigning Hessian fly resistance genes H7 and H8 to chromosomes 6A and 2B of the wheat cultivar â€˜Senecaâ€™ using genotypingâ€byâ€sequencing. Crop Science, 2020, 60, 1488-1498.	0.8	12
44	Comparative Analysis of miRNA Expression Profiles between Heat-Tolerant and Heat-Sensitive Genotypes of Flowering Chinese Cabbage Under Heat Stress Using High-Throughput Sequencing. Genes, 2020, 11, 264.	1.0	21
45	Registration of â€˜Bobcatâ€™ hard red winter wheat. Journal of Plant Registrations, 2020, 14, 371-376.	0.4	1
46	The Hessian fly recessive resistance gene h4 mapped to chromosome 1A of the wheat cultivar â€˜Javaâ€™ using genotyping-by-sequencing. Theoretical and Applied Genetics, 2020, 133, 2927-2935.	1.8	7
47	Registration of â€˜KS Venadaâ€™ hard white winter wheat. Journal of Plant Registrations, 2020, 14, 153-158.	0.4	2
48	Increased Prediction Accuracy Using Combined Genomic Information and Physiological Traits in A Soft Wheat Panel Evaluated in Multi-Environments. Scientific Reports, 2020, 10, 7023.	1.6	12
49	Horizontal gene transfer of Fhb7 from fungus underlies Fusarium head blight resistance in wheat. Science, 2020, 368, .	6.0	398
50	Genetic dissection of heat-responsive physiological traits to improve adaptation and increase yield potential in soft winter wheat. BMC Genomics, 2020, 21, 315.	1.2	10
51	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.	1.6	12
52	A Backcross Line of Thatcher Wheat with Adult Plant Leaf Rust Resistance Derived from Duster Wheat has Lr46 and Lr77. Phytopathology, 2019, 109, 127-132.	1.1	10
53	Molecular marker dissection of stem rust resistance in Nebraska bread wheat germplasm. Scientific Reports, 2019, 9, 11694.	1.6	14
54	Breeding wheat for resistance to Fusarium head blight in the Global North: China, USA, and Canada. Crop Journal, 2019, 7, 730-738.	2.3	97

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55	Thatcher wheat line RL6149 carries Lr64 and a second leaf rust resistance gene on chromosome 1DS. Theoretical and Applied Genetics, 2019, 132, 2809-2814.	1.8	36
56	Meta-analysis of QTL for Fusarium head blight resistance in Chinese wheat landraces. Crop Journal, 2019, 7, 784-798.	2.3	26
57	Identification of a candidate gene for a QTL for spikelet number per spike on wheat chromosome arm 7AL by high-resolution genetic mapping. Theoretical and Applied Genetics, 2019, 132, 2689-2705.	1.8	118
58	Identification of conserved and novel miRNAs responsive to heat stress in flowering Chinese cabbage using high-throughput sequencing. Scientific Reports, 2019, 9, 14922.	1.6	26
59	A New Chloroplast DNA Extraction Protocol Significantly Improves the Chloroplast Genome Sequence Quality of Foxtail Millet (Setaria italica (L.) P. Beauv.). Scientific Reports, 2019, 9, 16227.	1.6	4
60	Assessing the genetic diversity and characterizing genomic regions conferring Tan Spot resistance in cultivated rye. PLoS ONE, 2019, 14, e0214519.	1.1	23
61	Fine Mapping of the Wheat Leaf Rust Resistance Gene Lr42. International Journal of Molecular Sciences, 2019, 20, 2445.	1.8	57
62	Gene editing of the wheat homologs of <scp>TONNEAU</scp>1â€recruiting motif encoding gene affects grain shape and weight in wheat. Plant Journal, 2019, 100, 251-264.	2.8	97
63	A deletion mutation in TaHRC confers Fhb1 resistance to Fusarium head blight in wheat. Nature Genetics, 2019, 51, 1099-1105.	9.4	258
64	Registration of â€˜FourOsixâ€™ Hard Red Winter Wheat. Journal of Plant Registrations, 2019, 13, 383-386.	0.4	2
65	Identification of powdery mildew resistance loci in wheat by integrating genome-wide association study (GWAS) and linkage mapping. Crop Journal, 2019, 7, 294-306.	2.3	23
66	Development of Single Nucleotide Polymorphism Markers for the Wheat Curl Mite Resistance Gene Cmc4. Crop Science, 2019, 59, 1567-1575.	0.8	23
67	Persistence of rye (Secale cereale L.) chromosome arm 1RS in wheat (Triticum aestivum L.) breeding programs of the Great Plains of North America. Genetic Resources and Crop Evolution, 2019, 66, 941-950.	0.8	9
68	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.	2.3	8
69	Genetic Diversity, Population Structure, and Linkage Disequilibrium of Pearl Millet. Plant Genome, 2019, 12, 1-12.	1.6	34
70	Allelochemicals targeted to balance competing selections in African agroecosystems. Nature Plants, 2019, 5, 1229-1236.	4.7	41
71	Understanding the Genetic Basis of Spike Fertility to Improve Grain Number, Harvest Index, and Grain Yield in Wheat Under High Temperature Stress Environments. Frontiers in Plant Science, 2019, 10, 1481.	1.7	37
72	Registration of â€˜Matterhornâ€™ Hard White Waxy Winter Wheat. Journal of Plant Registrations, 2019, 13, 207-211.	0.4	3

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73	Imputation accuracy of wheat genotyping-by-sequencing (GBS) data using barley and wheat genome references. PLoS ONE, 2019, 14, e0208614.	1.1	48
74	A Fast Silver Staining Protocol Enabling Simple and Efficient Detection of SSR Markers using a Non-denaturing Polyacrylamide Gel. Journal of Visualized Experiments, 2018, , .	0.2	6
75	Mapping and characterization of the new adult plant leaf rust resistance gene Lr77 derived from Santa Fe winter wheat. Theoretical and Applied Genetics, 2018, 131, 1553-1560.	1.8	58
76	Adult Plant Leaf Rust Resistance Derived from Toropi Wheat is Conditioned by Lr78 and Three Minor QTL. Phytopathology, 2018, 108, 246-253.	1.1	58
77	Registration of â€˜Tatankaâ€™ Hard Red Winter Wheat. Journal of Plant Registrations, 2018, 12, 74-78.	0.4	2
78	Registration of Great Plainsâ€“Adapted Reduced Phytate Winter Wheat Germplasm. Journal of Plant Registrations, 2018, 12, 405-410.	0.4	6
79	Registration of â€˜Averyâ€™ Hard Red Winter Wheat. Journal of Plant Registrations, 2018, 12, 362-366.	0.4	9
80	Registration of â€˜Langinâ€™ Hard Red Winter Wheat. Journal of Plant Registrations, 2018, 12, 232-236.	0.4	3
81	Effects of TaPHS1 and TaMKK3-A Genes on Wheat Pre-Harvest Sprouting Resistance. Agronomy, 2018, 8, 210.	1.3	8
82	Pm223899, a new recessive powdery mildew resistance gene identified in Afghanistan landrace PI 223899. Theoretical and Applied Genetics, 2018, 131, 2775-2783.	1.8	18
83	Wheat resistance to Fusarium head blight. Canadian Journal of Plant Pathology, 2018, 40, 336-346.	0.8	91
84	Biofortification of Hard Red Winter Wheat by Genes Conditioning Low Phytate and High Grain Protein Concentration. Crop Science, 2018, 58, 1942-1953.	0.8	11
85	Development and validation of diagnostic markers for Fhb1 region, a major QTL for Fusarium head blight resistance in wheat. Theoretical and Applied Genetics, 2018, 131, 2371-2380.	1.8	69
86	QTL mapping of pre-harvest sprouting resistance in a white wheat cultivar Danby. Theoretical and Applied Genetics, 2018, 131, 1683-1697.	1.8	32
87	Development of a simple and effective silver staining protocol for detection of DNA fragments. Electrophoresis, 2017, 38, 1175-1178.	1.3	6
88	Resistance to Wheat streak mosaic virus and Triticum mosaic virus in wheat lines carrying Wsm1 and Wsm3. European Journal of Plant Pathology, 2017, 147, 709-712.	0.8	2
89	Identification of a major QTL for flag leaf glaucousness using a high-density SNP marker genetic map in hexaploid wheat. Journal of Integrative Agriculture, 2017, 16, 445-453.	1.7	4
90	Quantitative Trait Loci for Slow-Rusting Resistance to Leaf Rust in Doubled-Haploid Wheat Population CI13227 Ã— Lakin. Phytopathology, 2017, 107, 1372-1380.	1.1	15

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91	Novel Sources of Leaf Rust Resistance in Winter Wheat. Crop Science, 2017, 57, 865-876.	0.8	4
92	High-throughput development of genome-wide locus-specific informative SSR markers in wheat. Science China Life Sciences, 2017, 60, 671-673.	2.3	5
93	Genetic variations of HvP5CS1 and their association with drought tolerance related traits in barley (Hordeum vulgare L.). Scientific Reports, 2017, 7, 7870.	1.6	39
94	Genome-wide Association Analysis of Powdery Mildew Resistance in U.S. Winter Wheat. Scientific Reports, 2017, 7, 11743.	1.6	29
95	Mapping of Quantitative Trait Loci for Leaf Rust Resistance in the Wheat Population Ning7840 Ã— Clark. Plant Disease, 2017, 101, 1974-1979.	0.7	26
96	Genome-wide association study reveals genetic architecture of coleoptile length in wheat. Theoretical and Applied Genetics, 2017, 130, 391-401.	1.8	52
97	Registration of â€˜Lomaâ€™ Hard Red Winter Wheat. Journal of Plant Registrations, 2017, 11, 281-284.	0.4	4
98	Genotyping-by-Sequencing (GBS) Revealed Molecular Genetic Diversity of Iranian Wheat Landraces and Cultivars. Frontiers in Plant Science, 2017, 8, 1293.	1.7	125
99	Registration of â€˜Sunshineâ€™ Hard White Winter Wheat. Journal of Plant Registrations, 2017, 11, 289-294.	0.4	5
100	Development of EST-SSR markers in flowering Chinese cabbage (Brassica campestris L. ssp. chinensis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.1	36
101	Development and Validation of KASP Markers for Wheat Streak Mosaic Virus Resistance Gene Wsm2. Crop Science, 2017, 57, 340-349.	0.8	25
102	Marker Association Analysis with Three Agronomic Traits in Hard Winter Wheat Lines under Diverse Environments. Journal of Applied Bioinformatics & Computational Biology, 2017, 06, .	0.2	1
103	Registration of OK05312, a Highâ€Yielding Hard Winter Wheat Donor of Cmc4 for Wheat Curl Mite Resistance. Journal of Plant Registrations, 2016, 10, 75-79.	0.4	11
104	Registration of â€˜Northernâ€™ Hard Red Winter Wheat. Journal of Plant Registrations, 2016, 10, 135-138.	0.4	4
105	Identification of Novel Powdery Mildew Resistance Sources in Wheat. Crop Science, 2016, 56, 1817-1830.	0.8	21
106	Effective marker alleles associated with type 2 resistance to Fusarium head blight infection in fields. Breeding Science, 2016, 66, 350-357.	0.9	13
107	Multiple Minor QTLs Are Responsible for Fusarium Head Blight Resistance in Chinese Wheat Landrace Haiyanzhong. PLoS ONE, 2016, 11, e0163292.	1.1	26
108	Endâ€Use Quality and Agronomic Characteristics Associated with the Gluâ€B1al Highâ€Molecularâ€Weight Glutenin Allele in U.S. Hard Winter Wheat. Crop Science, 2016, 56, 2348-2353.	0.8	18

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109	Genomeâ€Wide Association Mapping Reveals Novel QTL for Seedling Leaf Rust Resistance in a Worldwide Collection of Winter Wheat. Plant Genome, 2016, 9, plantgenome2016.06.0051.	1.6	40
110	A novel nitrogen-dependent gene associates with the lesion mimic trait in wheat. Theoretical and Applied Genetics, 2016, 129, 2075-2084.	1.8	15
111	Compressive Strength Measurements of Single Fibers Using an Improved Automatic Control Method. Experimental Techniques, 2016, 40, 1369-1375.	0.9	0
112	Genome-wide association analysis on pre-harvest sprouting resistance and grain color in U.S. winter wheat. BMC Genomics, 2016, 17, 794.	1.2	83
113	Increasing seed size and quality by manipulating BIG SEEDS1 in legume species. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12414-12419.	3.3	117
114	QTL Mapping for Grain Yield, Flowering Time, and Stayâ€Green Traits in Sorghum with Genotypingâ€byâ€Sequencing Markers. Crop Science, 2016, 56, 1429-1442.	0.8	73
115	Mapping quantitative trait loci for plant adaptation and morphology traits in wheat using single nucleotide polymorphisms. Euphytica, 2016, 208, 299-312.	0.6	23
116	Wheat streak mosaic virus resistance in eight wheat germplasm lines. Plant Breeding, 2016, 135, 26-30.	1.0	4
117	Single nucleotide polymorphism tightly linked to a major QTL on chromosome 7A for both kernel length and kernel weight in wheat. Molecular Breeding, 2016, 36, 1.	1.0	42
118	Single nucleotide polymorphisms linked to quantitative trait loci for grain quality traits in wheat. Crop Journal, 2016, 4, 1-11.	2.3	33
119	Identification of markers linked to genes for sprouting tolerance (independent of grain color) in hard white winter wheat (HWWW). Theoretical and Applied Genetics, 2016, 129, 419-430.	1.8	16
120	Fusarium head blight resistance loci in a stratified population of wheat landraces and varieties. Euphytica, 2016, 207, 551-561.	0.6	20
121	Genetic diversity among synthetic hexaploid wheat accessions (Triticum aestivum) with resistance to several fungal diseases. Genetic Resources and Crop Evolution, 2016, 63, 1285-1296.	0.8	43
122	Registration of â€˜NE05548â€™ (Husker Genetics Brand Panhandle) Hard Red Winter Wheat. Journal of Plant Registrations, 2016, 10, 276-282.	0.4	4
123	Registration of â€˜Joeâ€™ Hard White Winter Wheat. Journal of Plant Registrations, 2016, 10, 283-286.	0.4	15
124	Evaluation and Reselection of Wheat Resistance to Russian Wheat Aphid Biotype 2. Crop Science, 2015, 55, 695-701.	0.8	11
125	The Lr46 Gene Conditions Partial Adultâ€Plant Resistance to Stripe Rust, Stem Rust, and Powdery Mildew in Thatcher Wheat. Crop Science, 2015, 55, 2557-2565.	0.8	26
126	Independent misâ€splicing mutations in Ta<scp>PHS</scp>1 causing loss ofÂpreharvest sprouting (<scp>PHS</scp>) resistance during wheat domestication. New Phytologist, 2015, 208, 928-935.	3.5	39

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127	Using Next Generation Sequencing for Multiplexed Trait-Linked Markers in Wheat. PLoS ONE, 2015, 10, e0143890.	1.1	28
128	A High-Density SNP and SSR Consensus Map Reveals Segregation Distortion Regions in Wheat. BioMed Research International, 2015, 2015, 1-10.	0.9	30
129	Registration of â€˜TAM 305â€™ Hard Red Winter Wheat. Journal of Plant Registrations, 2015, 9, 325-330.	0.4	5
130	Whole-genome resequencing: changing the paradigms of SNP detection, molecular mapping and gene discovery. Molecular Breeding, 2015, 35, 1.	1.0	35
131	Identification and genetic mapping of the putative Thinopyrum intermedium-derived dominant powdery mildew resistance gene PmL962 on wheat chromosome arm 2BS. Theoretical and Applied Genetics, 2015, 128, 517-528.	1.8	34
132	Candidate gene association mapping for winter survival and spring regrowth in perennial ryegrass. Plant Science, 2015, 235, 37-45.	1.7	37
133	Precisely mapping a major gene conferring resistance to Hessian fly in bread wheat using genotyping-by-sequencing. BMC Genomics, 2015, 16, 108.	1.2	36
134	Genotyping-by-sequencing (GBS) identified SNP tightly linked to QTL for pre-harvest sprouting resistance. Theoretical and Applied Genetics, 2015, 128, 1385-1395.	1.8	66
135	Single nucleotide polymorphism markers linked to QTL for wheat yield traits. Euphytica, 2015, 206, 89-101.	0.6	26
136	â€˜Billingsâ€™ Wheat Combines Early Maturity, Disease Resistance, and Desirable Grain Quality for the Southern Great Plains, USA. Journal of Plant Registrations, 2014, 8, 22-31.	0.4	13
137	Genetic Diversity and Classification of Cytoplasm of Chinese Elite Foxtail Millet [Setaria italica (L.) P. Beauv.] Germplasm. Crop Science, 2014, 54, 659-666.	0.8	13
138	Registration of Near-Isogenic Winter Wheat Germplasm Contrasting in Fhb1 for Fusarium Head Blight Resistance. Journal of Plant Registrations, 2014, 8, 106-108.	0.4	10
139	Registration of â€˜Anteroâ€™ Wheat. Journal of Plant Registrations, 2014, 8, 165-168.	0.4	13
140	Association Analysis of Stem Rust Resistance in U.S. Winter Wheat. PLoS ONE, 2014, 9, e103747.	1.1	75
141	Registration of â€˜NE06545â€™ (Husker Genetics Brand Freeman) Hard Red Winter Wheat. Journal of Plant Registrations, 2014, 8, 279-284.	0.4	20
142	Quantitative Trait Loci for Fusarium Head Blight Resistance in Huangcandou Ã— â€˜Jaggerâ€™ Wheat Population. Crop Science, 2014, 54, 2520-2528.	0.8	27
143	Fusarium-Damaged Kernels and Deoxynivalenol in Fusarium-Infected U.S. Winter Wheat. Phytopathology, 2014, 104, 472-478.	1.1	41
144	Impact of Transient Heat Stress on Polar Lipid Metabolism in Seedlings of Wheat Near-Isogenic Lines Contrasting in Resistance to Hessian Fly (Cecidomyiidae) Infestation. Journal of Economic Entomology, 2014, 107, 2196-2203.	0.8	4

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145	Genome-wide association analysis identified SNPs closely linked to a gene resistant to Soil-borne wheat mosaic virus. Theoretical and Applied Genetics, 2014, 127, 1039-1047.	1.8	27
146	Construction of dense linkage maps â€œon the flyâ€•using early generation wheat breeding populations. Molecular Breeding, 2014, 34, 1281-1300.	1.0	3
147	Molecular Markers Linked to Important Genes in Hard Winter Wheat. Crop Science, 2014, 54, 1304-1321.	0.8	55
148	Registration of â€˜Matternâ€™ Waxy (Amylose-free) Winter Wheat. Journal of Plant Registrations, 2014, 8, 43-48.	0.4	19
149	Registration of â€˜Cowboyâ€™ Wheat. Journal of Plant Registrations, 2014, 8, 169-172.	0.4	3
150	Registration of â€˜Warhorseâ€™ Wheat. Journal of Plant Registrations, 2014, 8, 173-176.	0.4	8
151	Registration of â€˜Colterâ€™ Wheat. Journal of Plant Registrations, 2014, 8, 285-287.	0.4	1
152	Identification of a novel gene, H34, in wheat using recombinant inbred lines and single nucleotide polymorphism markers. Theoretical and Applied Genetics, 2013, 126, 2065-2071.	1.8	69
153	Validation of quantitative trait loci for aluminum tolerance in Chinese wheat landrace FSW. Euphytica, 2013, 192, 171-179.	0.6	21
154	Cloning and Characterization of a Critical Regulator for Preharvest Sprouting in Wheat. Genetics, 2013, 195, 263-273.	1.2	148
155	Genome-wide comparative diversity uncovers multiple targets of selection for improvement in hexaploid wheat landraces and cultivars. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 8057-8062.	3.3	1,065
156	Evaluation of genetic markers for prediction of preharvest sprouting tolerance in hard white winter wheats. Plant Breeding, 2013, 132, 359-366.	1.0	18
157	Single Nucleotide Polymorphisms in HSP17.8 and Their Association with Agronomic Traits in Barley. PLoS ONE, 2013, 8, e56816.	1.1	27
158	Association of candidate genes with drought tolerance traits in diverse perennial ryegrass accessions. Journal of Experimental Botany, 2013, 64, 1537-1551.	2.4	83
159	Differentially Expressed Proteins Associated with Fusarium Head Blight Resistance in Wheat. PLoS ONE, 2013, 8, e82079.	1.1	47
160	Molecular Markers for Leaf Rust Resistance Gene Lr42 in Wheat. Crop Science, 2013, 53, 1566-1570.	0.8	10
161	Effect of Fusarium Head Blight Resistance Gene Fhb1 on Agronomic and Endâ€Use Quality Traits of Hard Red Winter Wheat. Crop Science, 2013, 53, 793-801.	0.8	14
162	Validation of Molecular Markers for New Stem Rust Resistance Genes in U.S. Hard Winter Wheat. Crop Science, 2013, 53, 755-764.	0.8	18

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163	Fusarium Head Blight Resistance in U.S. Winter Wheat Cultivars and Elite Breeding Lines. Crop Science, 2013, 53, 2006-2013.	0.8	43
164	Registration of â€˜Bearpawâ€™ Wheat. Journal of Plant Registrations, 2013, 7, 180-183.	0.4	4
165	Registration of â€˜Judeeâ€™ Wheat. Journal of Plant Registrations, 2013, 7, 191-194.	0.4	9
166	Inheritance and Genetic Mapping of Russian Wheat Aphid Resistance in Iranian Wheat Landrace Accession PI 626580. Crop Science, 2012, 52, 676-682.	0.8	35
167	Consensus Mapping and Identification of Markers for Markerâ€Assisted Selection of Wsm2 in Wheat. Crop Science, 2012, 52, 720-728.	0.8	26
168	Quantitative Trait Loci for Fusarium Head Blight Resistance in U.S. Hard Winter Wheat Cultivar Heyne. Crop Science, 2012, 52, 1187-1194.	0.8	20
169	Genetics of Leaf Rust Resistance in the Winter Wheat Line CI13227. Crop Science, 2012, 52, 2166-2172.	0.8	15
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