

# Xianming Chen

## List of Publications by Year in Descending Order

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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.

239  
papers

9,220  
citations

52  
h-index

87  
g-index

253  
ext. papers

12,358  
ext. citations

3.6  
avg, IF

6.54  
L-index

#	Paper	IF	Citations
239	Classification and Regression Models for Genomic Selection of Skewed Phenotypes: A Case for Disease Resistance in Winter Wheat (L).. <i>Frontiers in Genetics</i> , <b>2022</b> , 13, 835781	4.5	0
238	Combination of Marker-Assisted Backcross Selection of Yr59 and Phenotypic Selection to Improve Stripe Rust Resistance and Agronomic Performance in Four Elite Wheat Cultivars. <i>Agronomy</i> , <b>2022</b> , 12, 497	3.6	2
237	GWAS for Stripe Rust Resistance in Wild Emmer Wheat ( <i>Triticum dicoccoides</i> ) Population: Obstacles and Solutions. <i>Crops</i> , <b>2022</b> , 2, 42-61		0
236	Novel stripe rust all-stage resistance loci identified in a worldwide collection of durum wheat using genome-wide association mapping. <i>Plant Genome</i> , <b>2021</b> , 14, e20136	4.4	1
235	Registration of Besilience CL+Soft white winter wheat. <i>Journal of Plant Registrations</i> , <b>2021</b> , 15, 196-205	0.7	
234	Population Diversity, Dynamics, and Differentiation of Wheat Stripe Rust Pathogen <i>f. sp.</i> From 2010 to 2017 and Comparison With 1968 to 2009 in the United States. <i>Frontiers in Microbiology</i> , <b>2021</b> , 12, 696835	5.7	0
233	Registration of Btingray CL+Soft white winter wheat. <i>Journal of Plant Registrations</i> , <b>2021</b> , 15, 161-171	0.7	
232	Genome-wide association mapping reveals potential novel loci controlling stripe rust resistance in a Chinese wheat landrace diversity panel from the southern autumn-sown spring wheat zone. <i>BMC Genomics</i> , <b>2021</b> , 22, 34	4.5	5
231	Genotyping <i>f. sp.</i> Isolates with SSR and SP-SNP Markers Reveals Dynamics of the Wheat Stripe Rust Pathogen in the United States from 1968 to 2009 and Identifies Avirulence-Associated Markers. <i>Phytopathology</i> , <b>2021</b> , PHYTO01210010R	3.8	1
230	Registration of CastellaSoft white winter club wheat. <i>Journal of Plant Registrations</i> , <b>2021</b> , 15, 504-514	0.7	0
229	Breeding With Major and Minor Genes: Genomic Selection for Quantitative Disease Resistance. <i>Frontiers in Plant Science</i> , <b>2021</b> , 12, 713667	6.2	4
228	Registration of ARS CrescentSoft white winter club wheat. <i>Journal of Plant Registrations</i> , <b>2021</b> , 15, 515-526	0.7	0
227	The RLK protein TaCRK10 activates wheat high-temperature seedling-plant resistance to stripe rust through interacting with TaH2A.1. <i>Plant Journal</i> , <b>2021</b> , 108, 1241-1255	6.9	0
226	NBS-LRR Gene is Positively Associated with the High-Temperature Seedling Plant Resistance of Wheat Against <i>f. sp.</i> . <i>Phytopathology</i> , <b>2021</b> , 111, 1449-1458	3.8	0
225	Field Production, Germinability, and Survival of <i>f. sp.</i> Teliospores in China. <i>Plant Disease</i> , <b>2021</b> , 105, 2122-2128	1.28	0
224	Genome-Wide Association Analysis of Stable Stripe Rust Resistance Loci in a Chinese Wheat Landrace Panel Using the 660K SNP Array.. <i>Frontiers in Plant Science</i> , <b>2021</b> , 12, 783830	6.2	0
223	Pathogens which threaten food security: <i>Puccinia striiformis</i> , the wheat stripe rust pathogen. <i>Food Security</i> , <b>2020</b> , 12, 239-251	6.7	40

222	Identification of Stripe Rust Resistance Loci in U.S. Spring Wheat Cultivars and Breeding Lines Using Genome-Wide Association Mapping and Gene Markers. <i>Plant Disease</i> , <b>2020</b> , 104, 2181-2192	1.5	13
221	Whole-genome sequencing of <i>Puccinia striiformis</i> f. sp. <i>tritici</i> mutant isolates identifies avirulence gene candidates. <i>BMC Genomics</i> , <b>2020</b> , 21, 247	4.5	11
220	An Avirulence Gene Cluster in the Wheat Stripe Rust Pathogen ( <i>Puccinia striiformis</i> f. sp.) Identified through Genetic Mapping and Whole-Genome Sequencing of a Sexual Population. <i>MSphere</i> , <b>2020</b> , 5,	5	4
219	Identification of a Hyperparasitic Strain Affecting the Infection Dynamics of f. sp. on Wheat. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 1277	5.7	0
218	Genome-Wide Mapping of Quantitative Trait Loci Conferring All-Stage and High-Temperature Adult-Plant Resistance to Stripe Rust in Spring Wheat Landrace PI 181410. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	10
217	Genome-wide mapping of resistance to stripe rust caused by <i>Puccinia striiformis</i> f. sp. <i>tritici</i> in hexaploid winter wheat. <i>Crop Science</i> , <b>2020</b> , 60, 115-131	2.4	0
216	Molecular Characterization of International Collections of the Wheat Stripe Rust Pathogen f. sp. Reveals High Diversity and Intercontinental Migration. <i>Phytopathology</i> , <b>2020</b> , 110, 933-942	3.8	6
215	Registration of Billiard wheat. <i>Journal of Plant Registrations</i> , <b>2020</b> , 14, 406-417	0.7	4
214	Population structure and genetic basis of the stripe rust resistance of 140 Chinese wheat landraces revealed by a genome-wide association study. <i>Plant Science</i> , <b>2020</b> , 301, 110688	5.3	6
213	Revealing Differentially Expressed Genes and Identifying Effector Proteins of <i>Puccinia striiformis</i> f. sp. <i>tritici</i> in Response to High-Temperature Seedling Plant Resistance of Wheat Based on Transcriptome Sequencing. <i>MSphere</i> , <b>2020</b> , 5,	5	2
212	Quantitative trait loci for field resistance to barley stripe rust derived from malting line 95SR316A. <i>Crop Science</i> , <b>2020</b> , 60, 1844-1853	2.4	2
211	Registration of Britz a two-row spring barley. <i>Journal of Plant Registrations</i> , <b>2020</b> , 14, 242-249	0.7	1
210	How Madsen has shaped Pacific Northwest wheat and beyond. <i>Journal of Plant Registrations</i> , <b>2020</b> , 14, 223-233	0.7	0
209	Mapping Quantitative Trait Loci for High-Temperature Adult-Plant Resistance to Stripe Rust in Spring Wheat PI 197734 Using a Doubled Haploid Population and Genotyping by Multiplexed Sequencing. <i>Frontiers in Plant Science</i> , <b>2020</b> , 11, 596962	6.2	1
208	Genome-Wide Association Study and Gene Specific Markers Identified 51 Genes or QTL for Resistance to Stripe Rust in U.S. Winter Wheat Cultivars and Breeding Lines. <i>Frontiers in Plant Science</i> , <b>2020</b> , 11, 998	6.2	9
207	Registration of Burl soft white winter wheat. <i>Journal of Plant Registrations</i> , <b>2020</b> , 14, 398-405	0.7	0
206	An ancestral NB-LRR with duplicated 3'UTRs confers stripe rust resistance in wheat and barley. <i>Nature Communications</i> , <b>2019</b> , 10, 4023	17.4	39
205	Ethyl-methanesulfonate mutagenesis generated diverse isolates of <i>Puccinia striiformis</i> f. sp. <i>tritici</i> , the wheat stripe rust pathogen. <i>World Journal of Microbiology and Biotechnology</i> , <b>2019</b> , 35, 28	4.4	6

204	Inheritance of Virulence and Linkages of Virulence Genes in an Ethiopian Isolate of the Wheat Stripe Rust Pathogen ( f. sp. ) Determined Through Sexual Recombination on. <i>Plant Disease</i> , <b>2019</b> , 103, 2451-2459	1.5	3
203	Functional Variation of Plant-Pathogen Interactions: New Concept and Methods for Virulence Data Analyses. <i>Phytopathology</i> , <b>2019</b> , 109, 1324-1330	3.8	7
202	Agronomic Traits in Durum Wheat Germplasm Possessing Puroindoline Genes. <i>Agronomy Journal</i> , <b>2019</b> , 111, 1254-1265	2.2	6
201	Genome Sequence Resource of a Isolate Infecting Wheatgrass. <i>Phytopathology</i> , <b>2019</b> , 109, 1509-1512	3.8	10
200	QTL analysis of durable stripe rust resistance in the North American winter wheat cultivar Skiles. <i>Theoretical and Applied Genetics</i> , <b>2019</b> , 132, 1677-1691	6	14
199	Whole-Genome Mapping of Stripe Rust Resistance Quantitative Trait Loci and Race Specificity Related to Resistance Reduction in Winter Wheat Cultivar Eltan. <i>Phytopathology</i> , <b>2019</b> , 109, 1226-1235	3.8	5
198	Differential sensitivity among Puccinia striiformis f. sp. tritici isolates to propiconazole and pyraclostrobin fungicides. <i>Canadian Journal of Plant Pathology</i> , <b>2019</b> , 41, 415-434	1.6	7
197	Positively Regulates Wheat High-Temperature Seedling-Plant Resistance to f. sp.. <i>Frontiers in Plant Science</i> , <b>2019</b> , 10, 1679	6.2	4
196	Development, Validation, and Re-selection of Wheat Lines with Pyramided Genes Yr64 and Yr15 Linked on the Short Arm of Chromosome 1B for Resistance to Stripe Rust. <i>Plant Disease</i> , <b>2019</b> , 103, 51-58	1.5	12
195	Genome-wide association study reveals new loci for yield-related traits in Sichuan wheat germplasm under stripe rust stress. <i>BMC Genomics</i> , <b>2019</b> , 20, 640	4.5	13
194	Dissection of loci conferring resistance to stripe rust in Chinese wheat landraces from the middle and lower reaches of the Yangtze River via genome-wide association study. <i>Plant Science</i> , <b>2019</b> , 287, 110204	5.3	9
193	Identifying Loci Conferring Resistance to Leaf and Stripe Rusts in a Spring Wheat Population ( ) via Genome-Wide Association Mapping. <i>Phytopathology</i> , <b>2019</b> , 109, 1932-1940	3.8	2
192	MARPLE, a point-of-care, strain-level disease diagnostics and surveillance tool for complex fungal pathogens. <i>BMC Biology</i> , <b>2019</b> , 17, 65	7.3	27
191	, a Leucine-Rich Repeat Receptor-Like Kinase Gene Associated with and , Plays Positive Roles in Wheat High-Temperature Seedling Plant Resistance to f. sp.. <i>Molecular Plant-Microbe Interactions</i> , <b>2019</b> , 32, 1526-1535	3.6	16
190	Introgression of / Into Barley Germplasm Provides Insights Into the Genetics of Resistance to f. sp. Race TTKSK and Resources for Developing Resistant Cultivars. <i>Phytopathology</i> , <b>2019</b> , 109, 1018-1028	3.8	2
189	Registration of MNR434 and MNR527 Wheat Germplasm with New Resistance to Rusts. <i>Journal of Plant Registrations</i> , <b>2019</b> , 13, 461-464	0.7	
188	Trade-Off Between Triadimefon Sensitivity and Pathogenicity in a Selfed Sexual Population of f. sp.. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 2729	5.7	5
187	Developing KASP Markers on a Major Stripe Rust Resistance QTL in a Popular Wheat TAM 111 Using 90K Array and Genotyping-by-Sequencing SNPs. <i>Crop Science</i> , <b>2019</b> , 59, 165-175	2.4	10

186	Genome-wide Mapping for Stripe Rust Resistance Loci in Common Wheat Cultivar Qinnong 142. <i>Plant Disease</i> , <b>2019</b> , 103, 439-447	1.5	6
185	Characterization of Novel Gene Yr79 and Four Additional Quantitative Trait Loci for All-Stage and High-Temperature Adult-Plant Resistance to Stripe Rust in Spring Wheat PI 182103. <i>Phytopathology</i> , <b>2018</b> , 108, 737-747	3.8	46
184	Genome-Wide Association Mapping of Loci for Resistance to Stripe Rust in North American Elite Spring Wheat Germplasm. <i>Phytopathology</i> , <b>2018</b> , 108, 234-245	3.8	17
183	Combining Single Nucleotide Polymorphism Genotyping Array with Bulked Segregant Analysis to Map a Gene Controlling Adult Plant Resistance to Stripe Rust in Wheat Line 03031-1-5 H62. <i>Phytopathology</i> , <b>2018</b> , 108, 103-113	3.8	17
182	Inheritance of Virulence, Construction of a Linkage Map, and Mapping Dominant Virulence Genes in <i>Puccinia striiformis</i> f. sp. <i>tritici</i> Through Characterization of a Sexual Population with Genotyping-by-Sequencing. <i>Phytopathology</i> , <b>2018</b> , 108, 133-141	3.8	18
181	TCAP FAC-WIN6 Elite Barley GWAS Panel QTL. I. Barley Stripe Rust Resistance QTL in Facultative and Winter Six-Rowed Malt Barley Breeding Programs Identified via GWAS. <i>Crop Science</i> , <b>2018</b> , 58, 103-114	1.4	10
180	Inheritance and Linkage of Virulence Genes in Chinese Predominant Race CYR32 of the Wheat Stripe Rust Pathogen f. sp.. <i>Frontiers in Plant Science</i> , <b>2018</b> , 9, 120	6.2	14
179	Transcriptomic Analysis Reveal the Molecular Mechanisms of Wheat Higher-Temperature Seedling-Plant Resistance to f. sp.. <i>Frontiers in Plant Science</i> , <b>2018</b> , 9, 240	6.2	9
178	Registration of DaynHard White Spring Wheat. <i>Journal of Plant Registrations</i> , <b>2018</b> , 12, 222-227	0.7	1
177	Pathogenesis-related protein genes involved in race-specific all-stage resistance and non-race specific high-temperature adult-plant resistance to <i>Puccinia striiformis</i> f. sp. <i>tritici</i> in wheat. <i>Journal of Integrative Agriculture</i> , <b>2018</b> , 17, 2478-2491	3.2	10
176	Registration of GleeHard Red Spring Wheat. <i>Journal of Plant Registrations</i> , <b>2018</b> , 12, 60-65	0.7	0
175	Genomic insights into host adaptation between the wheat stripe rust pathogen ( <i>Puccinia striiformis</i> f. sp. <i>tritici</i> ) and the barley stripe rust pathogen ( <i>Puccinia striiformis</i> f. sp. <i>hordei</i> ). <i>BMC Genomics</i> , <b>2018</b> , 19, 664	4.5	20
174	Mapping QTL for Resistance to New Virulent Races of Wheat Stripe Rust from Two Argentinean Wheat Cultivars. <i>Crop Science</i> , <b>2018</b> , 58, 2470-2483	2.4	6
173	Genome Sequence Resources for the Wheat Stripe Rust Pathogen ( <i>Puccinia striiformis</i> f. sp. <i>tritici</i> ) and the Barley Stripe Rust Pathogen ( <i>Puccinia striiformis</i> f. sp. <i>hordei</i> ). <i>Molecular Plant-Microbe Interactions</i> , <b>2018</b> , 31, 1117-1120	3.6	11
172	Combination of all-stage and high-temperature adult-plant resistance QTL confers high-level, durable resistance to stripe rust in winter wheat cultivar Madsen. <i>Theoretical and Applied Genetics</i> , <b>2018</b> , 131, 1835-1849	6	29
171	Wheat transcription factor TaWRKY70 is positively involved in high-temperature seedling plant resistance to <i>Puccinia striiformis</i> f. sp. <i>tritici</i> . <i>Molecular Plant Pathology</i> , <b>2017</b> , 18, 649-661	5.7	46
170	Comparative Analysis Highlights Variable Genome Content of Wheat Rusts and Divergence of the Mating Loci. <i>G3: Genes, Genomes, Genetics</i> , <b>2017</b> , 7, 361-376	3.2	67
169	Targeted and efficient transfer of value-added genes into a wheat variety. <i>Molecular Breeding</i> , <b>2017</b> , 37, 1	3.4	5

168	Changes of Races and Virulence Genes in <i>Puccinia striiformis</i> f. sp. <i>tritici</i> , the Wheat Stripe Rust Pathogen, in the United States from 1968 to 2009. <i>Plant Disease</i> , <b>2017</b> , 101, 1522-1532	1.5	33
167	Genome-wide association mapping for seedling and field resistance to <i>Puccinia striiformis</i> f. sp. <i>tritici</i> in elite durum wheat. <i>Theoretical and Applied Genetics</i> , <b>2017</b> , 130, 649-667	6	32
166	Mapping genes for resistance to stripe rust in spring wheat landrace PI 480035. <i>PLoS ONE</i> , <b>2017</b> , 12, e0177898	3.7	24
165	Loci associated with resistance to stripe rust ( <i>Puccinia striiformis</i> f. sp. <i>tritici</i> ) in a core collection of spring wheat ( <i>Triticum aestivum</i> ). <i>PLoS ONE</i> , <b>2017</b> , 12, e0179087	6	37
164	Validation and characterization of a QTL for adult plant resistance to stripe rust on wheat chromosome arm 6BS (Yr78). <i>Theoretical and Applied Genetics</i> , <b>2017</b> , 130, 2127-2137	1.5	17
163	Development and Validation of KASP-SNP Markers for QTL Underlying Resistance to Stripe Rust in Common Wheat Cultivar P10057. <i>Plant Disease</i> , <b>2017</b> , 101, 2079-2087		16
162	Introduction: History of Research, Symptoms, Taxonomy of the Pathogen, Host Range, Distribution, and Impact of Stripe Rust <b>2017</b> , 1-33		14
161	Variability of the Stripe Rust Pathogen <b>2017</b> , 35-154		3
160	Wheat- <i>Puccinia striiformis</i> Interactions <b>2017</b> , 155-282		0
159	Stripe Rust Research and Control: Conclusions and Perspectives <b>2017</b> , 601-630		32
158	Genome-wide association mapping reveals a rich genetic architecture of stripe rust resistance loci in emmer wheat ( <i>Triticum turgidum</i> ssp. <i>dicoccum</i> ). <i>Theoretical and Applied Genetics</i> , <b>2017</b> , 130, 2249-2270	5.3	31
157	Characterization of molecular diversity and genome-wide mapping of loci associated with resistance to stripe rust and stem rust in Ethiopian bread wheat accessions. <i>BMC Plant Biology</i> , <b>2017</b> , 17, 134	3.8	28
156	Virulence and Molecular Characterization of Experimental Isolates of the Stripe Rust Pathogen ( <i>Puccinia striiformis</i> ) Indicate Somatic Recombination. <i>Phytopathology</i> , <b>2017</b> , 107, 329-344	1.5	17
155	Virulence Characterization of Wheat Stripe Rust Fungus <i>Puccinia striiformis</i> f. sp. <i>tritici</i> in Ethiopia and Evaluation of Ethiopian Wheat Germplasm for Resistance to Races of the Pathogen from Ethiopia and the United States. <i>Plant Disease</i> , <b>2017</b> , 101, 73-80	4.4	26
154	Unlocking Diversity in Germplasm Collections via Genomic Selection: A Case Study Based on Quantitative Adult Plant Resistance to Stripe Rust in Spring Wheat. <i>Plant Genome</i> , <b>2017</b> , 10, plantgenome2016.12.0124	0.7	4
153	Registration of Britchett Soft White Winter Club Wheat. <i>Journal of Plant Registrations</i> , <b>2017</b> , 11, 152-158	6.2	38
152	Novel Sources of Stripe Rust Resistance Identified by Genome-Wide Association Mapping in Ethiopian Durum Wheat (ssp.). <i>Frontiers in Plant Science</i> , <b>2017</b> , 8, 774	5.7	17
151	Secretome Characterization and Correlation Analysis Reveal Putative Pathogenicity Mechanisms and Identify Candidate Avirulence Genes in the Wheat Stripe Rust Fungus f. sp.. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 2394		

150	The wheat WRKY transcription factors TaWRKY49 and TaWRKY62 confer differential high-temperature seedling-plant resistance to <i>Puccinia striiformis</i> f. sp. tritici. <i>PLoS ONE</i> , <b>2017</b> , 12, e0181963	3.7	24
149	Stripe Rust Epidemiology <b>2017</b> , 283-352		4
148	Stripe Rust Resistance <b>2017</b> , 353-558		41
147	Integrated Control of Stripe Rust <b>2017</b> , 559-599		7
146	Virulence Variations of <i>Puccinia striiformis</i> f. sp. tritici Isolates Collected from <i>Berberis</i> spp. in China. <i>Plant Disease</i> , <b>2016</b> , 100, 131-138	1.5	39
145	Molecular Mapping of Stripe Rust Resistance Gene Yr76 in Winter Club Wheat Cultivar Tye. <i>Phytopathology</i> , <b>2016</b> , 106, 1186-1193	3.8	34
144	Barley Stripe Rust Resistance QTL: Development and Validation of SNP Markers for Resistance to <i>Puccinia striiformis</i> f. sp. hordei. <i>Phytopathology</i> , <b>2016</b> , 106, 1344-1351	3.8	15
143	Virulence and Simple Sequence Repeat Marker Segregation in a <i>Puccinia striiformis</i> f. sp. tritici Population Produced by Selfing a Chinese Isolate on <i>Berberis shensiana</i> . <i>Phytopathology</i> , <b>2016</b> , 106, 185-191	3.8	30
142	Virulence and Molecular Diversity of the <i>Puccinia striiformis</i> f. sp. tritici Population in Xinjiang in Relation to Other Regions of Western China. <i>Plant Disease</i> , <b>2016</b> , 100, 99-107	1.5	15
141	Grass Hosts Harbor More Diverse Isolates of <i>Puccinia striiformis</i> Than Cereal Crops. <i>Phytopathology</i> , <b>2016</b> , 106, 362-71	3.8	26
140	Role of Alternate Hosts in Epidemiology and Pathogen Variation of Cereal Rusts. <i>Annual Review of Phytopathology</i> , <b>2016</b> , 54, 207-28	10.8	67
139	Fine mapping of barley locus Rps6 conferring resistance to wheat stripe rust. <i>Theoretical and Applied Genetics</i> , <b>2016</b> , 129, 845-859	6	18
138	TaXA21-A1 on chromosome 5AL is associated with resistance to multiple pests in wheat. <i>Theoretical and Applied Genetics</i> , <b>2016</b> , 129, 345-55	6	6
137	Association Analysis of SP-SNPs and Avirulence Genes in <i>Puccinia striiformis</i> f. sp. tritici, the Wheat Stripe Rust Pathogen. <i>American Journal of Plant Sciences</i> , <b>2016</b> , 07, 126-137	0.5	11
136	Novel QTL for Stripe Rust Resistance on Chromosomes 4A and 6B in Soft White Winter Wheat Cultivars. <i>Agronomy</i> , <b>2016</b> , 6, 4	3.6	14
135	Genetic Architecture of Resistance to Stripe Rust in a Global Winter Wheat Germplasm Collection. <i>G3: Genes, Genomes, Genetics</i> , <b>2016</b> , 6, 2237-53	3.2	61
134	Races of <i>Puccinia striiformis</i> f. sp. tritici in the United States in 2011 and 2012 and Comparison with Races in 2010. <i>Plant Disease</i> , <b>2016</b> , 100, 966-975	1.5	58
133	Secreted protein gene derived-single nucleotide polymorphisms (SP-SNPs) reveal population diversity and differentiation of <i>Puccinia striiformis</i> f. sp. tritici in the United States. <i>Fungal Biology</i> , <b>2016</b> , 120, 729-44	2.8	18

132	Identification of QTL for adult plant resistance to stripe rust in Chinese wheat landrace Caoxuan 5. <i>Euphytica</i> , <b>2015</b> , 204, 627-634	2.1	9
131	A genome-wide association study of resistance to stripe rust ( <i>Puccinia striiformis</i> f. sp. <i>tritici</i> ) in a worldwide collection of hexaploid spring wheat ( <i>Triticum aestivum</i> L.). <i>G3: Genes, Genomes, Genetics</i> , <b>2015</b> , 5, 449-65	3.2	177
130	QTL mapping of adult-plant resistance to stripe rust in wheat line P9897. <i>Euphytica</i> , <b>2015</b> , 205, 243-253	2.1	9
129	Identification of promising host-induced silencing targets among genes preferentially transcribed in haustoria of <i>Puccinia</i> . <i>BMC Genomics</i> , <b>2015</b> , 16, 579	4.5	35
128	Barberry as Alternate Host Is Important for <i>Puccinia graminis</i> f. sp. <i>tritici</i> But Not for <i>Puccinia striiformis</i> f. sp. <i>tritici</i> in the U.S. Pacific Northwest. <i>Plant Disease</i> , <b>2015</b> , 99, 1507-1516	1.5	32
127	Barberry Does Not Function as an Alternate Host for <i>Puccinia striiformis</i> f. sp. <i>tritici</i> in the U. S. Pacific Northwest Due to Teliospore Degradation and Barberry Phenology. <i>Plant Disease</i> , <b>2015</b> , 99, 1500-1506	1.5	37
126	Molecular Mapping of YrSP and Its Relationship with Other Genes for Stripe Rust Resistance in Wheat Chromosome 2BL. <i>Phytopathology</i> , <b>2015</b> , 105, 1206-13	3.8	25
125	Registration of 'Sprinter' Hard Red Winter Wheat. <i>Journal of Plant Registrations</i> , <b>2015</b> , 9, 196-200	0.7	3
124	Mapping a Large Number of QTL for Durable Resistance to Stripe Rust in Winter Wheat Druchamp Using SSR and SNP Markers. <i>PLoS ONE</i> , <b>2015</b> , 10, e0126794	3.7	45
123	Registration of 'AM 305' Hard Red Winter Wheat. <i>Journal of Plant Registrations</i> , <b>2015</b> , 9, 325-330	0.7	4
122	Emerging Yr26-Virulent Races of <i>Puccinia striiformis</i> f. <i>tritici</i> Are Threatening Wheat Production in the Sichuan Basin, China. <i>Plant Disease</i> , <b>2015</b> , 99, 754-760	1.5	51
121	Determination of the Role of <i>Berberis</i> spp. in Wheat Stem Rust in China. <i>Plant Disease</i> , <b>2015</b> , 99, 1113-1117	1.7	5
120	Effect of Low Temperature and Wheat Winter-Hardiness on Survival of <i>Puccinia striiformis</i> f. sp. <i>tritici</i> under Controlled Conditions. <i>PLoS ONE</i> , <b>2015</b> , 10, e0130691	3.7	9
119	Identification of Yr59 conferring high-temperature adult-plant resistance to stripe rust in wheat germplasm PI 178759. <i>Theoretical and Applied Genetics</i> , <b>2014</b> , 127, 935-45	6	66
118	Wheat stripe (yellow) rust caused by <i>Puccinia striiformis</i> f. sp. <i>tritici</i> . <i>Molecular Plant Pathology</i> , <b>2014</b> , 15, 433-46	5.7	193
117	Mapping of Yr62 and a small-effect QTL for high-temperature adult-plant resistance to stripe rust in spring wheat PI 192252. <i>Theoretical and Applied Genetics</i> , <b>2014</b> , 127, 1449-59	6	62
116	Molecular mapping of genes Yr64 and Yr65 for stripe rust resistance in hexaploid derivatives of durum wheat accessions PI 331260 and PI 480016. <i>Theoretical and Applied Genetics</i> , <b>2014</b> , 127, 2267-77	6	64
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114	Characterization and molecular mapping of stripe rust resistance gene Yr61 in winter wheat cultivar Pindong 34. <i>Theoretical and Applied Genetics</i> , <b>2014</b> , 127, 2349-58	6	48
113	Genetic Diversity for Stripe Rust Resistance in Wheat Landraces and Identification of Accessions with Resistance to Stem Rust and Stripe Rust. <i>Crop Science</i> , <b>2014</b> , 54, 2131-2139	2.4	18
112	Registration of Antero Wheat. <i>Journal of Plant Registrations</i> , <b>2014</b> , 8, 165-168	0.7	11
111	A novel fungal hyperparasite of Puccinia striiformis f. sp. tritici, the causal agent of wheat stripe rust. <i>PLoS ONE</i> , <b>2014</b> , 9, e111484	3.7	17
110	Differential Resistance to Stripe Rust (Puccinia striiformis) in Collections of Basin Wild Rye (Leymus cinereus). <i>Plant Health Progress</i> , <b>2014</b> , 15, 97-102	1.2	1
109	Molecular Mapping of Stripe Rust Resistance in Hard Red Winter Wheat TAM 111 Adapted to the U.S. High Plains. <i>Crop Science</i> , <b>2014</b> , 54, 1361-1373	2.4	29
108	Integration of cultivar resistance and fungicide application for control of wheat stripe rust. <i>Canadian Journal of Plant Pathology</i> , <b>2014</b> , 36, 311-326	1.6	100
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100	Genes involved in adult plant resistance to stripe rust in wheat cultivar Xingzi 9104. <i>Physiological and Molecular Plant Pathology</i> , <b>2013</b> , 81, 26-32	2.6	18
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90	Registration of Tara Soft White Winter Club Wheat. <i>Journal of Plant Registrations</i> , <b>2013</b> , 7, 81-88	0.7	8
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87	Permanent genetic resources added to Molecular Ecology Resources Database 1 February 2012 - 31 March 2012. <i>Molecular Ecology Resources</i> , <b>2012</b> , 12, 779-81	8.4	33
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74	Registration of <b>Byrd</b> Wheat. <i>Journal of Plant Registrations</i> , <b>2012</b> , 6, 302-305	0.7	14
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3	Inheritance of Stripe Rust Resistance in Wheat Cultivars Used to Differentiate Races ofPuccinia striiformisin North America. <i>Phytopathology</i> , <b>1992</b> , 82, 633	3.8	85
2	Diseases which Challenge Global Wheat Production"the Wheat Rusts89-124		36
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