

Julio Huerta-Espino

List of Publications by Year in descending order

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Version: 2024-02-01

170
papers

13,022
citations

26567

56
h-index

25716

108
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172
all docs

172
docs citations

172
times ranked

5801
citing authors

#	ARTICLE	IF	CITATIONS
1	Three co-located resistance genes confer resistance to leaf rust and stripe rust in wheat variety Borlaug 100. <i>Crop Journal</i> , 2022, 10, 490-497.	2.3	10
2	Molecular Characterization of Genomic Regions for Adult Plant Resistance to Stem Rust in a Spring Wheat Mapping Population. <i>Plant Disease</i> , 2022, 106, 439-450.	0.7	1
3	Genome-Wide Association Mapping Indicates Quantitative Genetic Control of Spot Blotch Resistance in Bread Wheat and the Favorable Effects of Some Spot Blotch Loci on Grain Yield. <i>Frontiers in Plant Science</i> , 2022, 13, 835095.	1.7	9
4	ACCIÓN GENÉTICA Y GENES QUE OTORGAN RESISTENCIA A ROYA DE LA HOJA EN TRIGO CRISTALINO. <i>Revista Fitotecnia Mexicana</i> , 2022, 45, 83.	0.0	0
5	Quantitative trait loci mapping reveals the complexity of adult plant resistance to leaf rust in spring wheat "Copio". <i>Crop Science</i> , 2022, 62, 1037-1050.	0.8	5
6	BACOREHUIS F2015, NUEVA VARIEDAD DE TRIGO HARINERO PARA ÁREAS DE RIEGO EN MÉXICO. <i>Revista Fitotecnia Mexicana</i> , 2022, 44, 693.	0.0	0
7	Adult plant stem rust resistance in durum wheat Glossy Huguenot: mapping, marker development and validation. <i>Theoretical and Applied Genetics</i> , 2022, 135, 1541-1550.	1.8	11
8	Wheat Rusts: Current Status, Prospects of Genetic Control and Integrated Approaches to Enhance Resistance Durability. , 2022, , 125-141.		7
9	Achieving Genetic Gains in Practice. , 2022, , 97-123.		1
10	Effects of glutenins (Glu-1 and Glu-3) allelic variation on dough properties and bread-making quality of CIMMYT bread wheat breeding lines. <i>Field Crops Research</i> , 2022, 284, 108585.	2.3	19
11	Elucidating the genetics of grain yield and stress-resilience in bread wheat using a large-scale genome-wide association mapping study with 55,568 lines. <i>Scientific Reports</i> , 2021, 11, 5254.	1.6	11
12	Identification of Two New Loci for Adult Plant Resistance to Leaf Rust and Stripe Rust in the Chinese Wheat Variety "Neimai 836". <i>Plant Disease</i> , 2021, , PDIS12202654RE.	0.7	1
13	Target Population of Environments for Wheat Breeding in India: Definition, Prediction and Genetic Gains. <i>Frontiers in Plant Science</i> , 2021, 12, 638520.	1.7	26
14	RÍO BRAVO C2018, NUEVA VARIEDAD DE TRIGO MACARRONERO PARA ÁREAS DE RIEGO EN MÉXICO. <i>Revista Fitotecnia Mexicana</i> , 2021, 44, 269.	0.0	0
15	NOHELY F2018, NUEVA VARIEDAD DE TRIGO HARINERO PARA EL VALLE DE MEXICALI Y NORTE DE SONORA, MÉXICO. <i>Revista Fitotecnia Mexicana</i> , 2021, 44, 273.	0.0	1
16	Fungicides evaluation against yellow rust (<i>Puccinia striiformis</i> f. sp. <i>hordei</i>) in six barley cultivars. <i>Revista Mexicana De Fitopatología</i> , 2021, 39, .	0.2	0
17	Juvenile Heat Tolerance in Wheat for Attaining Higher Grain Yield by Shifting to Early Sowing in October in South Asia. <i>Genes</i> , 2021, 12, 1808.	1.0	8
18	Four Consistent Loci Confer Adult Plant Resistance to Leaf Rust in the Durum Wheat Lines Heller#1 and Dunkler. <i>Phytopathology</i> , 2020, 110, 892-899.	1.1	25

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19	Genome-Wide Mapping of Adult Plant Resistance to Leaf Rust and Stripe Rust in CIMMYT Wheat Line Arableu#1. <i>Plant Disease</i> , 2020, 104, 1455-1464.	0.7	17
20	Genome-wide mapping and allelic fingerprinting provide insights into the genetics of resistance to wheat stripe rust in India, Kenya and Mexico. <i>Scientific Reports</i> , 2020, 10, 10908.	1.6	8
21	Adult Plant Slow Rusting Genes Confer High Levels of Resistance to Rusts in Bread Wheat Cultivars From Mexico. <i>Frontiers in Plant Science</i> , 2020, 11, 824.	1.7	49
22	Haplotype-Based, Genome-Wide Association Study Reveals Stable Genomic Regions for Grain Yield in CIMMYT Spring Bread Wheat. <i>Frontiers in Genetics</i> , 2020, 11, 589490.	1.1	29
23	Retrospective Quantitative Genetic Analysis and Genomic Prediction of Global Wheat Yields. <i>Frontiers in Plant Science</i> , 2020, 11, 580136.	1.7	7
24	Genomic Selection for Grain Yield in the CIMMYT Wheat Breeding Program—Status and Perspectives. <i>Frontiers in Plant Science</i> , 2020, 11, 564183.	1.7	27
25	Grain yield genetic gains and changes in physiological related traits for CIMMYT's High Rainfall Wheat Screening Nursery tested across international environments. <i>Field Crops Research</i> , 2020, 249, 107742.	2.3	34
26	Nutritional quality characterization of a set of durum wheat landraces from Iran and Mexico. <i>LWT - Food Science and Technology</i> , 2020, 124, 109198.	2.5	20
27	Fifty years of semi-dwarf spring wheat breeding at CIMMYT: Grain yield progress in optimum, drought and heat stress environments. <i>Field Crops Research</i> , 2020, 250, 107757.	2.3	64
28	RESISTENCIA PARCIAL Y ESPECÍFICA A ROYA DEL TALLO EN LA LINEA AVANZADA DE TRIGO HARINERO "KIJIL"™. <i>Revista Fitotecnia Mexicana</i> , 2020, 42, 411-418.	0.0	0
29	BAROBAMPO C2015, NUEVA VARIEDAD DE TRIGO CRISTALINO PARA ÁREAS DE RIEGO EN MÉXICO. <i>Revista Fitotecnia Mexicana</i> , 2020, 43, 245.	0.0	0
30	RELACIÓN ENTRE EL GEN Lr67 DE RESISTENCIA A ROYA DE LA HOJA Y EL GEN Rht-D1 DE ENANISMO DEL TRIGO. <i>Revista Fitotecnia Mexicana</i> , 2020, 43, 143.	0.0	0
31	NORESTE F2018: NUEVA VARIEDAD DE TRIGO HARINERO PARA ÁREAS DE RIEGO EN MÉXICO. <i>Revista Fitotecnia Mexicana</i> , 2020, 43, 483.	0.0	0
32	Chemical treatment to wheat seed to reduce the incidence of bacteria. <i>Revista Mexicana De Fitopatología</i> , 2020, 38, .	0.2	1
33	CONASIST C2015, NUEVA VARIEDAD DE TRIGO MACARRONERO (<i>Triticum durum</i> Desf.) PARA SIEMBRAS DE RIEGO EN MÉXICO. <i>Revista Fitotecnia Mexicana</i> , 2020, 43, 127.	0.0	0
34	TEXCOCO F2016, NUEVA VARIEDAD DE TRIGO HARINERO PARA SIEMBRAS DE SECANO EN MÉXICO. <i>Revista Fitotecnia Mexicana</i> , 2020, 43, 351.	0.0	0
35	INTROGRESIÓN DE LOS GENES DE RESISTENCIA A ROYA AMARILLA Yr5a Y Yr15 EN EL CULTIVAR DE TRIGO HARINERO BORLAUG 100. <i>Revista Fitotecnia Mexicana</i> , 2020, 43, 275.	0.0	0
36	Two Main Stripe Rust Resistance Genes Identified in Synthetic-Derived Wheat Line Soru#1. <i>Phytopathology</i> , 2019, 109, 120-126.	1.1	12

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37	Identification and mapping of two adult plant leaf rust resistance genes in durum wheat. <i>Molecular Breeding</i> , 2019, 39, 1.	1.0	4
38	Disease Resistance in Wheat: Present Status and Future Prospects. , 2019, , 61-81.		6
39	Genetics of Greenbug Resistance in Synthetic Hexaploid Wheat Derived Germplasm. <i>Frontiers in Plant Science</i> , 2019, 10, 782.	1.7	12
40	High-Density Mapping of Triple Rust Resistance in Barley Using DArT-Seq Markers. <i>Frontiers in Plant Science</i> , 2019, 10, 467.	1.7	14
41	Preliminary characterization for grain quality traits and high and low molecular weight glutenins subunits composition of durum wheat landraces from Iran and Mexico. <i>Journal of Cereal Science</i> , 2019, 88, 47-56.	1.8	14
42	Stripe rust resistance in wild wheat <i>Aegilops tauschii</i> Coss.: genetic structure and inheritance in synthetic allohexaploid <i>Triticum</i> wheat lines. <i>Genetic Resources and Crop Evolution</i> , 2019, 66, 909-920.	0.8	7
43	High-throughput phenotyping platforms enhance genomic selection for wheat grain yield across populations and cycles in early stage. <i>Theoretical and Applied Genetics</i> , 2019, 132, 1705-1720.	1.8	70
44	Improving grain yield, stress resilience and quality of bread wheat using large-scale genomics. <i>Nature Genetics</i> , 2019, 51, 1530-1539.	9.4	216
45	Integrating genomic-enabled prediction and high-throughput phenotyping in breeding for climate-resilient bread wheat. <i>Theoretical and Applied Genetics</i> , 2019, 132, 177-194.	1.8	78
46	Progress in breeding for resistance to Ug99 and other races of the stem rust fungus in CIMMYT wheat germplasm. <i>Frontiers of Agricultural Science and Engineering</i> , 2019, 6, 210.	0.9	40
47	GENÉTICA DE LA RESISTENCIA A ROYA AMARILLA CAUSADA POR <i>Puccinia striiformis</i> f. sp. <i>tritici</i> W. EN TRES GENOTIPOS DE TRIGO (<i>Triticum aestivum</i> L.). <i>Revista Fitotecnia Mexicana</i> , 2019, 42, 31-38.	0.0	2
48	ELIA M2016, NUEVA VARIEDAD DE TRIGO HARINERO PARA RIEGO RESTRINGIDO EN EL BAJÍO, MÉXICO. <i>Revista Fitotecnia Mexicana</i> , 2019, 42, 79-81.	0.0	0
49	Potential for re-emergence of wheat stem rust in the United Kingdom. <i>Communications Biology</i> , 2018, 1, 13.	2.0	107
50	Characterization of Adult Plant Resistance to Leaf Rust and Stripe Rust in Indian Wheat Cultivar "New Pusa 876". <i>Crop Science</i> , 2018, 58, 630-638.	0.8	17
51	Genome-wide association mapping for resistance to leaf rust, stripe rust and tan spot in wheat reveals potential candidate genes. <i>Theoretical and Applied Genetics</i> , 2018, 131, 1405-1422.	1.8	101
52	Characterization of Leaf Rust and Stripe Rust Resistance in Spring Wheat "Chilero". <i>Plant Disease</i> , 2018, 102, 421-427.	0.7	33
53	Milling, processing and end-use quality traits of CIMMYT spring bread wheat germplasm under drought and heat stress. <i>Field Crops Research</i> , 2018, 215, 104-112.	2.3	62
54	Interactions among genes <i>Sr2/Yr30</i> , <i>Lr34/Yr18/Sr57</i> and <i>Lr68</i> confer enhanced adult plant resistance to rust diseases in common wheat (<i>Triticum aestivum</i> L.) line "Arula". <i>Australian Journal of Crop Science</i> , 2018, 12, 1023-1033.	0.1	43

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55	Relationship between the number of partial resistance genes and the response to leaf rust in wheat genotypes. <i>Chilean Journal of Agricultural Research</i> , 2018, 78, 400-408.	0.4	6
56	Identification and Validation of a Common Stem Rust Resistance Locus in Two Bi-parental Populations. <i>Frontiers in Plant Science</i> , 2018, 9, 1788.	1.7	28
57	Prospects and Challenges of Applied Genomic Selection—A New Paradigm in Breeding for Grain Yield in Bread Wheat. <i>Plant Genome</i> , 2018, 11, 180017.	1.6	65
58	Genetic Gains for Grain Yield in CIMMYT's Semi-Arid Wheat Yield Trials Grown in Suboptimal Environments. <i>Crop Science</i> , 2018, 58, 1890-1898.	0.8	69
59	Genetic analysis of resistance to stripe rust in durum wheat (<i>Triticum turgidum</i> L. var. durum). <i>PLoS ONE</i> , 2018, 13, e0203283.	1.1	17
60	Assessing Genetic Diversity to Breed Competitive Biofortified Wheat With Enhanced Grain Zn and Fe Concentrations. <i>Frontiers in Plant Science</i> , 2018, 9, 1971.	1.7	79
61	COMPARACIÓN DEL RENDIMIENTO DE TRIGOS HARINEROS Y CRISTALINOS A TRAVÉS DE DIFERENTES AMBIENTES DE RIEGO. <i>Revista Fitotecnia Mexicana</i> , 2018, 41, 159-166.	0.0	3
62	MARTÁNEZ C2016, NUEVA VARIEDAD DE TRIGO CRISTALINO PARA MEXICALI, BAJA CALIFORNIA Y SAN LUIS RÍO COLORADO, SONORA. <i>Revista Fitotecnia Mexicana</i> , 2018, 41, 217-218.	0.0	0
63	Agresividad de aislados de <i>Bipolaris sorokiniana</i> y <i>Alternaria alternata</i> en variedades de trigo en México. <i>Revista Mexicana De Fitopatología</i> , 2018, 36, .	0.2	0
64	GENÉTICA DE LA RESISTENCIA A LA ROYA DEL TALLO EN PLANTA ADULTA EN GENOTIPOS ÁLITE DE TRIGO HARINERO. <i>Revista Fitotecnia Mexicana</i> , 2018, 41, 385-392.	0.0	1
65	Ápical F2016: variedad de trigo harinero para el Distrito Rural 014. <i>Revista Mexicana De Ciencias Agrícolas</i> , 2018, 9, 1823-1825.	0.0	0
66	Genetic Yield Gains In CIMMYT's International Elite Spring Wheat Yield Trials By Modeling The Genotype × Environment Interaction. <i>Crop Science</i> , 2017, 57, 789-801.	0.8	89
67	Genomic and pedigree-based prediction for leaf, stem, and stripe rust resistance in wheat. <i>Theoretical and Applied Genetics</i> , 2017, 130, 1415-1430.	1.8	99
68	Genetic improvement of grain quality traits for CIMMYT semi-dwarf spring bread wheat varieties developed during 1965–2015: 50 years of breeding. <i>Field Crops Research</i> , 2017, 210, 192-196.	2.3	48
69	First Detection of Virulence in <i>Puccinia striiformis</i> f. sp. <i>tritici</i> to Wheat Resistance Genes <i>Yr10</i> and <i>Yr24</i> (<i>Yr26</i>) in Mexico. <i>Plant Disease</i> , 2017, 101, 1676-1676.	0.7	4
70	Genetic analysis and mapping of adult plant resistance loci to leaf rust in durum wheat cultivar Bairds. <i>Theoretical and Applied Genetics</i> , 2017, 130, 609-619.	1.8	32
71	Genetic impact of Rht dwarfing genes on grain micronutrients concentration in wheat. <i>Field Crops Research</i> , 2017, 214, 373-377.	2.3	61
72	Quantitative trait loci for resistance to stripe rust of wheat revealed using global field nurseries and opportunities for stacking resistance genes. <i>Theoretical and Applied Genetics</i> , 2017, 130, 2617-2635.	1.8	27

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73	Genetic Analysis of Resistance to Wheat Rusts. <i>Methods in Molecular Biology</i> , 2017, 1659, 137-149.	0.4	3
74	Identification and Mapping of Adult Plant Resistance Loci to Leaf Rust and Stripe Rust in Common Wheat Cultivar Kundan. <i>Plant Disease</i> , 2017, 101, 456-463.	0.7	29
75	Characterization and Mapping of Leaf Rust and Stripe Rust Resistance Loci in Hexaploid Wheat Lines UC1110 and PI610750 under Mexican Environments. <i>Frontiers in Plant Science</i> , 2017, 8, 1450.	1.7	26
76	Genomic Bayesian functional regression models with interactions for predicting wheat grain yield using hyper-spectral image data. <i>Plant Methods</i> , 2017, 13, 62.	1.9	38
77	Identification of Genomic Associations for Adult Plant Resistance in the Background of Popular South Asian Wheat Cultivar, PBW343. <i>Frontiers in Plant Science</i> , 2016, 7, 1674.	1.7	8
78	Grain yield, adaptation and progress in breeding for early-maturing and heat-tolerant wheat lines in South Asia. <i>Field Crops Research</i> , 2016, 192, 78-85.	2.3	83
79	Genome wide association mapping of stripe rust resistance in Afghan wheat landraces. <i>Plant Science</i> , 2016, 252, 222-229.	1.7	29
80	Disease Impact on Wheat Yield Potential and Prospects of Genetic Control. <i>Annual Review of Phytopathology</i> , 2016, 54, 303-322.	3.5	322
81	Sources of the highly expressed wheat bread making (wbm) gene in CIMMYT spring wheat germplasm and its effect on processing and bread-making quality. <i>Euphytica</i> , 2016, 209, 689-692.	0.6	24
82	Effect of drought and elevated temperature on grain zinc and iron concentrations in CIMMYT spring wheat. <i>Journal of Cereal Science</i> , 2016, 69, 182-186.	1.8	54
83	GENÉTICA DE LA RESISTENCIA A <i>Puccinia triticina</i> Eriks EN TRIGOS CRISTALINOS INVERNALES. <i>Revista Fitotecnia Mexicana</i> , 2016, 39, 133-139.	0.0	0
84	GENÉTICA DE LA RESISTENCIA A LA ROYA DEL TALLO EN GENOTIPOS DE TRIGO CRISTALINO. <i>Revista Fitotecnia Mexicana</i> , 2016, 39, 379-384.	0.0	0
85	Emergence and Spread of New Races of Wheat Stem Rust Fungus: Continued Threat to Food Security and Prospects of Genetic Control. <i>Phytopathology</i> , 2015, 105, 872-884.	1.1	393
86	Efficient Use of Historical Data for Genomic Selection: A Case Study of Stem Rust Resistance in Wheat. <i>Plant Genome</i> , 2015, 8, eplantgenome2014.09.0046.	1.6	96
87	Genetic Gain from Phenotypic and Genomic Selection for Quantitative Resistance to Stem Rust of Wheat. <i>Plant Genome</i> , 2015, 8, eplantgenome2014.10.0074.	1.6	118
88	Different QTLs are associated with leaf rust resistance in wheat between China and Mexico. <i>Molecular Breeding</i> , 2015, 35, 1.	1.0	8
89	Characterization of Heat and Drought Stress Tolerance in High Yielding Spring Wheat. <i>Crop Science</i> , 2015, 55, 1552-1562.	0.8	19
90	Identification and characterization of pleiotropic and co-located resistance loci to leaf rust and stripe rust in bread wheat cultivar Sujata. <i>Theoretical and Applied Genetics</i> , 2015, 128, 549-561.	1.8	49

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91	Multi-environment multi-QTL association mapping identifies disease resistance QTL in barley germplasm from Latin America. <i>Theoretical and Applied Genetics</i> , 2015, 128, 501-516.	1.8	58
92	Genetic Analysis of Resistance to Leaf Rust and Yellow Rust in Spring Wheat Cultivar Kenya Kongoni. <i>Plant Disease</i> , 2015, 99, 1153-1160.	0.7	16
93	A high density GBS map of bread wheat and its application for dissecting complex disease resistance traits. <i>BMC Genomics</i> , 2015, 16, 216.	1.2	188
94	Molecular Mapping and Validation of <i>SrND643</i> : A New Wheat Gene for Resistance to the Stem Rust Pathogen Ug99 Race Group. <i>Phytopathology</i> , 2015, 105, 470-476.	1.1	54
95	Molecular mapping and markers for leaf rust resistance gene Lr24 in CIMMYT wheat line 19HRWSN-122. <i>Euphytica</i> , 2015, 206, 57-66.	0.6	1
96	A recently evolved hexose transporter variant confers resistance to multiple pathogens in wheat. <i>Nature Genetics</i> , 2015, 47, 1494-1498.	9.4	575
97	<i>Yr60</i> , a Gene Conferring Moderate Resistance to Stripe Rust in Wheat. <i>Plant Disease</i> , 2015, 99, 508-511.	0.7	45
98	Genomic Selection for Quantitative Adult Plant Stem Rust Resistance in Wheat. <i>Plant Genome</i> , 2014, 7, plantgenome2014.02.0006.	1.6	143
99	Development of a SNP marker assay for the Lr67 gene of wheat using a genotyping by sequencing approach. <i>Molecular Breeding</i> , 2014, 34, 2109-2118.	1.0	52
100	<i>Lr72</i> Confers Resistance to Leaf Rust in Durum Wheat Cultivar Atil C2000. <i>Plant Disease</i> , 2014, 98, 631-635.	0.7	48
101	Genetic Analysis of Resistance to Leaf Rust and Stripe Rust in Wheat Cultivar Francolin#1. <i>Plant Disease</i> , 2014, 98, 1227-1234.	0.7	24
102	Progress Towards Genetics and Breeding for Minor Genes Based Resistance to Ug99 and Other Rusts in CIMMYT High-Yielding Spring Wheat. <i>Journal of Integrative Agriculture</i> , 2014, 13, 255-261.	1.7	75
103	Characterization of Yr54 and other genes associated with adult plant resistance to yellow rust and leaf rust in common wheat Quaiu 3. <i>Molecular Breeding</i> , 2014, 33, 385-399.	1.0	112
104	QTL characterization of resistance to leaf rust and stripe rust in the spring wheat line Francolin#1. <i>Molecular Breeding</i> , 2014, 34, 789-803.	1.0	113
105	Resistance to stem rust Ug99 in six bread wheat cultivars maps to chromosome 6DS. <i>Theoretical and Applied Genetics</i> , 2014, 127, 231-239.	1.8	30
106	Lr67/Yr46 confers adult plant resistance to stem rust and powdery mildew in wheat. <i>Theoretical and Applied Genetics</i> , 2014, 127, 781-789.	1.8	163
107	Use of wheat genetic resources to develop biofortified wheat with enhanced grain zinc and iron concentrations and desirable processing quality. <i>Journal of Cereal Science</i> , 2014, 60, 617-622.	1.8	73
108	A consensus map for Ug99 stem rust resistance loci in wheat. <i>Theoretical and Applied Genetics</i> , 2014, 127, 1561-1581.	1.8	149

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109	Earliness in wheat: A key to adaptation under terminal and continual high temperature stress in South Asia. <i>Field Crops Research</i> , 2013, 151, 19-26.	2.3	138
110	Genetic Analysis of Adult Plant Resistance to Yellow Rust and Leaf Rust in Common Spring Wheat Quaiu 3. <i>Plant Disease</i> , 2013, 97, 728-736.	0.7	27
111	QTL mapping of slow-rusting, adult plant resistance to race Ug99 of stem rust fungus in PBW343/Muu RL population. <i>Theoretical and Applied Genetics</i> , 2013, 126, 1367-1375.	1.8	41
112	Genetics of resistance to yellow rust in PBW343—Kenya Kudu recombinant inbred line population and mapping of a new resistance gene YrKK. <i>Molecular Breeding</i> , 2013, 32, 821-829.	1.0	17
113	Identification of QTL associated with durable adult plant resistance to stem rust race Ug99 in wheat cultivar "Pavon 76". <i>Euphytica</i> , 2013, 190, 33-44.	0.6	52
114	QTL analysis of the spring wheat "Chapio" identifies stable stripe rust resistance despite inter-continental genotype—environment interactions. <i>Theoretical and Applied Genetics</i> , 2013, 126, 1721-1732.	1.8	55
115	Genetic Gains for Grain Yield in CIMMYT Spring Bread Wheat across International Environments. <i>Crop Science</i> , 2012, 52, 1522-1533.	0.8	75
116	Performance of biofortified spring wheat genotypes in target environments for grain zinc and iron concentrations. <i>Field Crops Research</i> , 2012, 137, 261-267.	2.3	124
117	Lr68: a new gene conferring slow rusting resistance to leaf rust in wheat. <i>Theoretical and Applied Genetics</i> , 2012, 124, 1475-1486.	1.8	248
118	Analysis of leaf and stripe rust severities reveals pathotype changes and multiple minor QTLs associated with resistance in an Avocet—Pastor wheat population. <i>Theoretical and Applied Genetics</i> , 2012, 124, 1283-1294.	1.8	200
119	The Emergence of Ug99 Races of the Stem Rust Fungus is a Threat to World Wheat Production. <i>Annual Review of Phytopathology</i> , 2011, 49, 465-481.	3.5	612
120	Race non-specific resistance to rust diseases in CIMMYT spring wheats. <i>Euphytica</i> , 2011, 179, 175-186.	0.6	170
121	Global status of wheat leaf rust caused by <i>Puccinia triticina</i> . <i>Euphytica</i> , 2011, 179, 143-160.	0.6	410
122	New slow-rusting leaf rust and stripe rust resistance genes Lr67 and Yr46 in wheat are pleiotropic or closely linked. <i>Theoretical and Applied Genetics</i> , 2011, 122, 239-249.	1.8	224
123	Association mapping and gene—gene interaction for stem rust resistance in CIMMYT spring wheat germplasm. <i>Theoretical and Applied Genetics</i> , 2011, 123, 1257-1268.	1.8	158
124	Haplotype diversity of stem rust resistance loci in uncharacterized wheat lines. <i>Molecular Breeding</i> , 2010, 26, 667-680.	1.0	50
125	Identification and Evaluation of Sources of Resistance to Stem Rust Race Ug99 in Wheat. <i>Plant Disease</i> , 2010, 94, 413-419.	0.7	70
126	Gene-specific markers for the wheat gene Lr34/Yr18/Pm38 which confers resistance to multiple fungal pathogens. <i>Theoretical and Applied Genetics</i> , 2009, 119, 889-898.	1.8	342

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127	A Putative ABC Transporter Confers Durable Resistance to Multiple Fungal Pathogens in Wheat. <i>Science</i> , 2009, 323, 1360-1363.	6.0	1,140
128	First Detection of Virulence in <i>Puccinia triticina</i> to Resistance Genes <i>Lr27</i> + <i>Lr31</i> Present in Durum Wheat in Mexico. <i>Plant Disease</i> , 2009, 93, 110-110.	0.7	35
129	Wheat genetic resources enhancement by the International Maize and Wheat Improvement Center (CIMMYT). <i>Genetic Resources and Crop Evolution</i> , 2008, 55, 1095-1140.	0.8	155
130	Fine scale genetic and physical mapping using interstitial deletion mutants of <i>Lr34/Yr18</i> : a disease resistance locus effective against multiple pathogens in wheat. <i>Theoretical and Applied Genetics</i> , 2008, 116, 481-490.	1.8	81
131	Quantitative trait loci for slow-rusting resistance in wheat to leaf rust and stripe rust identified with multi-environment analysis. <i>Theoretical and Applied Genetics</i> , 2008, 116, 1027-1034.	1.8	99
132	The adult plant rust resistance loci <i>Lr34/Yr18</i> and <i>Lr46/Yr29</i> are important determinants of partial resistance to powdery mildew in bread wheat line Saar. <i>Theoretical and Applied Genetics</i> , 2008, 116, 1155-1166.	1.8	280
133	Will Stem Rust Destroy the World's Wheat Crop?. <i>Advances in Agronomy</i> , 2008, , 271-309.	2.4	332
134	Identification and Molecular Characterization of Leaf Rust Resistance Gene <i>Lr14a</i> in Durum Wheat. <i>Plant Disease</i> , 2008, 92, 469-473.	0.7	64
135	Molecular Mapping of a Leaf Rust Resistance Gene on the Short Arm of Chromosome 6B of Durum Wheat. <i>Plant Disease</i> , 2008, 92, 1650-1654.	0.7	43
136	Genetics of Leaf Rust Resistance in Brambling Wheat. <i>Plant Disease</i> , 2008, 92, 1111-1118.	0.7	8
137	Analysis of the <i>Lr34/Yr18</i> Rust Resistance Region in Wheat Germplasm. <i>Crop Science</i> , 2008, 48, 1841-1852.	0.8	155
138	Inheritance of Leaf Rust Resistance in the CIMMYT Wheat Weebill 1. <i>Crop Science</i> , 2008, 48, 1037.	0.8	11
139	Genetic Analysis of Slow-Rusting Resistance to Leaf Rust in Durum Wheat. <i>Crop Science</i> , 2008, 48, 2132-2140.	0.8	26
140	Agronomic Performance and Multiple Disease Resistance in T2BS.2RL Wheat-Rye Translocation Lines. <i>Crop Science</i> , 2007, 47, 254-260.	0.8	43
141	Identification and Mapping of <i>Lr3</i> and a Linked Leaf Rust Resistance Gene in Durum Wheat. <i>Crop Science</i> , 2007, 47, 1459-1466.	0.8	54
142	Evaluation of slow rusting resistance components to leaf rust in CIMMYT durum wheats. <i>Euphytica</i> , 2007, 155, 361-369.	0.6	37
143	High yielding spring bread wheat germplasm for global irrigated and rainfed production systems. <i>Euphytica</i> , 2007, 157, 351-363.	0.6	89
144	Characterization of genetic loci conferring adult plant resistance to leaf rust and stripe rust in spring wheat. <i>Genome</i> , 2006, 49, 977-990.	0.9	168

#	ARTICLE	IF	CITATIONS
145	Effect of Leaf Rust on Grain Yield and Yield Traits of Durum Wheats with Race-Specific and Slow-Rusting Resistance to Leaf Rust. <i>Plant Disease</i> , 2006, 90, 1065-1072.	0.7	63
146	Targeted mapping of ESTs linked to the adult plant resistance gene Lr46 in wheat using synteny with rice. <i>Functional and Integrative Genomics</i> , 2006, 6, 122-131.	1.4	27
147	Leaf tip necrosis, molecular markers and $\hat{\pi}^2$ -proteasome subunits associated with the slow rusting resistance genes Lr46/Yr29. <i>Theoretical and Applied Genetics</i> , 2006, 112, 500-508.	1.8	138
148	Molecular genetic characterization of the Lr34/Yr18 slow rusting resistance gene region in wheat. <i>Theoretical and Applied Genetics</i> , 2006, 114, 21-30.	1.8	307
149	Leaf rust (<i>Puccinia triticina</i>) resistance in wheat (<i>Triticum aestivum</i>) cultivars grown in Northern Europe 1992-2002. <i>Hereditas</i> , 2006, 143, 1-14.	0.5	25
150	Information theoretic approach to address delay and reliability in long on-chip interconnects. <i>IEEE/ACM International Conference on Computer-Aided Design, Digest of Technical Papers</i> , 2006, , .	0.0	4
151	Current status, likely migration and strategies to mitigate the threat to wheat production from race Ug99 (TTKS) of stem rust pathogen.. <i>CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources</i> , 2006, 1, .	0.6	186
152	New Genes for Leaf Rust Resistance in CIMMYT Durum Wheats. <i>Plant Disease</i> , 2005, 89, 809-814.	0.7	34
153	Virulence of Oat Crown Rust in Mexico. <i>Plant Disease</i> , 2005, 89, 941-948.	0.7	17
154	Phenotypic association of adult-plant resistance to leaf and stripe rusts in wheat. <i>Canadian Journal of Plant Pathology</i> , 2005, 27, 396-403.	0.8	11
155	Occurrence and Impact of a New Leaf Rust Race on Durum Wheat in Northwestern Mexico from 2001 to 2003. <i>Plant Disease</i> , 2004, 88, 703-708.	0.7	114
156	Title is missing!. <i>Euphytica</i> , 2003, 129, 371-376.	0.6	49
157	Molecular Marker Mapping of Leaf Rust Resistance Gene Lr46 and Its Association with Stripe Rust Resistance Gene Yr29 in Wheat. <i>Phytopathology</i> , 2003, 93, 153-159.	1.1	239
158	Microsatellite Markers for Genes Lr34/Yr18 and Other Quantitative Trait Loci for Leaf Rust and Stripe Rust Resistance in Bread Wheat. <i>Phytopathology</i> , 2003, 93, 881-890.	1.1	276
159	Coleoptile length variation of near-isogenic Rht lines of modern CIMMYT bread and durum wheats. <i>Field Crops Research</i> , 2001, 70, 167-176.	2.3	52
160	Leaf Rust Resistance Genes in Japanese Wheat cultivars. <i>Breeding Science</i> , 2001, 51, 83-87.	0.9	4
161	Grain yield and other traits of tall and dwarf isolines of modern bread and durum wheats. <i>Euphytica</i> , 2001, 119, 241-244.	0.6	32
162	Characterization of Mexican wheat landraces using agronomically useful attributes. <i>Genetic Resources and Crop Evolution</i> , 2000, 47, 591-602.	0.8	30

#	ARTICLE	IF	CITATIONS
163	Title is missing!. Euphytica, 1998, 100, 35-43.	0.6	33
164	Lr46: A Gene Conferring Slow-Rusting Resistance to Leaf Rust in Wheat. Phytopathology, 1998, 88, 890-894.	1.1	256
165	Agronomic Effects from Chromosome Translocations 7DL.7Ag and 1BL.1RS in Spring Wheat. Crop Science, 1998, 38, 27-33.	0.8	136
166	Genetic Progress in Reducing Losses to Leaf Rust in CIMMYTâ€Derived Mexican Spring Wheat Cultivars. Crop Science, 1998, 38, 654-659.	0.8	64
167	Genes conferring low seedling reaction to Mexican pathotypes of Puccinia recondita f. sp. tritici, and adult-plant responses of recent wheat cultivars from the former USSR. Euphytica, 1995, 81, 225-234.	0.6	6
168	Inheritance of Leaf Rust Resistance in Wheat Cultivars Morocco and Little Club. Plant Disease, 1994, 78, 383.	0.7	4
169	Identification and Characterization of Resistance Loci to Wheat Leaf Rust and Stripe Rust in Afghan Landrace â€œKU3067â€ Frontiers in Plant Science, 0, 13, .	1.7	2
170	Genome-Wide Association Mapping Identifies Key Genomic Regions for Grain Zinc and Iron Biofortification in Bread Wheat. Frontiers in Plant Science, 0, 13, .	1.7	3