Julio Huerta-Espino

List of Publications by Year
in descending order

170 papers	13,022 citations	26567 56 h-index	25716 108 g-index
172 all docs	172 docs citations	172 times ranked	5801 citing authors

#	Article	IF	Citations
1	A Putative ABC Transporter Confers Durable Resistance to Multiple Fungal Pathogens in Wheat. Science, 2009, 323, 1360-1363.	6.0	1,140
2	The Emergence of Ug99 Races of the Stem Rust Fungus is a Threat to World Wheat Production. Annual Review of Phytopathology, 2011, 49, 465-481.	3.5	612
3	A recently evolved hexose transporter variant confers resistance to multiple pathogens in wheat. Nature Genetics, 2015, 47, 1494-1498.	9.4	575
4	Global status of wheat leaf rust caused by Puccinia triticina. Euphytica, 2011, 179, 143-160.	0.6	410
5	Emergence and Spread of New Races of Wheat Stem Rust Fungus: Continued Threat to Food Security and Prospects of Genetic Control. Phytopathology, 2015, 105, 872-884.	1.1	393
6	Gene-specific markers for the wheat gene Lr34/Yr18/Pm38 which confers resistance to multiple fungal pathogens. Theoretical and Applied Genetics, 2009, 119, 889-898.	1.8	342
7	Will Stem Rust Destroy the World's Wheat Crop?. Advances in Agronomy, 2008, , 271-309.	2.4	332
8	Disease Impact on Wheat Yield Potential and Prospects of Genetic Control. Annual Review of Phytopathology, 2016, 54, 303-322.	3.5	322
9	Molecular genetic characterization of the Lr34/Yr18 slow rusting resistance gene region in wheat. Theoretical and Applied Genetics, 2006, 114, 21-30.	1.8	307
10	The adult plant rust resistance loci Lr34/Yr18 and Lr46/Yr29 are important determinants of partial resistance to powdery mildew in bread wheat line Saar. Theoretical and Applied Genetics, 2008, 116, 1155-1166.	1.8	280
11	Microsatellite Markers for Genes Lr34/Yr18 and Other Quantitative Trait Loci for Leaf Rust and Stripe Rust Resistance in Bread Wheat. Phytopathology, 2003, 93, 881-890.	1.1	276
12	Lr46: A Gene Conferring Slow-Rusting Resistance to Leaf Rust in Wheat. Phytopathology, 1998, 88, 890-894.	1.1	256
13	Lr68: a new gene conferring slow rusting resistance to leaf rust in wheat. Theoretical and Applied Genetics, 2012, 124, 1475-1486.	1.8	248
14	Molecular Marker Mapping of Leaf Rust Resistance Gene Lr46 and Its Association with Stripe Rust Resistance Gene Yr29 in Wheat. Phytopathology, 2003, 93, 153-159.	1.1	239
15	New slow-rusting leaf rust and stripe rust resistance genes Lr67 and Yr46 in wheat are pleiotropic or closely linked. Theoretical and Applied Genetics, 2011, 122, 239-249.	1.8	224
16	Improving grain yield, stress resilience and quality of bread wheat using large-scale genomics. Nature Genetics, 2019, 51, 1530-1539.	9.4	216
17	Analysis of leaf and stripe rust severities reveals pathotype changes and multiple minor QTLs associated with resistance in an AvocetÂÃ—ÂPastor wheat population. Theoretical and Applied Genetics, 2012, 124, 1283-1294.	1.8	200
18	A high density GBS map of bread wheat and its application for dissecting complex disease resistance traits. BMC Genomics, 2015, 16, 216.	1.2	188

#	Article	IF	Citations
19	Current status, likely migration and strategies to mitigate the threat to wheat production from rzace Ug99 (TTKS) of stem rust pathogen.. CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources, 2006, 1, .	0.6	186
20	Race non-specific resistance to rust diseases in CIMMYT spring wheats. Euphytica, 2011, 179, 175-186.	0.6	170
21	Characterization of genetic loci conferring adult plant resistance to leaf rust and stripe rust in spring wheat. Genome, 2006, 49, 977-990.	0.9	168
22	Lr67/Yr46 confers adult plant resistance to stem rust and powdery mildew in wheat. Theoretical and Applied Genetics, 2014, 127, 781-789.	1.8	163
23	Association mapping and geneâ€“gene interaction for stem rust resistance in CIMMYT spring wheat germplasm. Theoretical and Applied Genetics, 2011, 123, 1257-1268.	1.8	158
24	Wheat genetic resources enhancement by the International Maize and Wheat Improvement Center (CIMMYT). Genetic Resources and Crop Evolution, 2008, 55, 1095-1140.	0.8	155
25	Analysis of the Lr34/Yr18 Rust Resistance Region in Wheat Germplasm. Crop Science, 2008, 48, 1841-1852.	0.8	155
26	A consensus map for Ug99 stem rust resistance loci in wheat. Theoretical and Applied Genetics, 2014, 127, 1561-1581.	1.8	149
27	Genomic Selection for Quantitative Adult Plant Stem Rust Resistance in Wheat. Plant Genome, 2014, 7, plantgenome2014.02.0006.	1.6	143
28	Leaf tip necrosis, molecular markers and Î²1-proteasome subunits associated with the slow rusting resistance genes Lr46/Yr29. Theoretical and Applied Genetics, 2006, 112, 500-508.	1.8	138
29	Earliness in wheat: A key to adaptation under terminal and continual high temperature stress in South Asia. Field Crops Research, 2013, 151, 19-26.	2.3	138
30	Agronomic Effects from Chromosome Translocations 7DL.7Ag and 1BL.1RS in Spring Wheat. Crop Science, 1998, 38, 27-33.	0.8	136
31	Performance of biofortified spring wheat genotypes in target environments for grain zinc and iron concentrations. Field Crops Research, 2012, 137, 261-267.	2.3	124
32	Genetic Gain from Phenotypic and Genomic Selection for Quantitative Resistance to Stem Rust of Wheat. Plant Genome, 2015, 8, eplantgenome2014.10.0074.	1.6	118
33	Occurrence and Impact of a New Leaf Rust Race on Durum Wheat in Northwestern Mexico from 2001 to 2003. Plant Disease, 2004, 88, 703-708.	0.7	114
34	QTL characterization of resistance to leaf rust and stripe rust in the spring wheat line Francolin#1. Molecular Breeding, 2014, 34, 789-803.	1.0	113
35	Characterization of Yr54 and other genes associated with adult plant resistance to yellow rust and leaf rust in common wheat Quaiu 3. Molecular Breeding, 2014, 33, 385-399.	1.0	112
36	Potential for re-emergence of wheat stem rust in the United Kingdom. Communications Biology, 2018, 1, 13.	2.0	107

#	Article	IF	Citations
37	Genome-wide association mapping for resistance to leaf rust, stripe rust and tan spot in wheat reveals potential candidate genes. Theoretical and Applied Genetics, 2018, 131, 1405-1422.	1.8	101
38	Quantitative trait loci for slow-rusting resistance in wheat to leaf rust and stripe rust identified with multi-environment analysis. Theoretical and Applied Genetics, 2008, 116, 1027-1034.	1.8	99
39	Genomic and pedigree-based prediction for leaf, stem, and stripe rust resistance in wheat. Theoretical and Applied Genetics, 2017, 130, 1415-1430.	1.8	99
40	Efficient Use of Historical Data for Genomic Selection: A Case Study of Stem Rust Resistance in Wheat. Plant Genome, 2015, 8, eplantgenome2014.09.0046.	1.6	96
41	High yielding spring bread wheat germplasm for global irrigated and rainfed production systems. Euphytica, 2007, 157, 351-363.	0.6	89
42	Genetic Yield Gains In CIMMYT's International Elite Spring Wheat Yield Trials By Modeling The Genotype Ã— Environment Interaction. Crop Science, 2017, 57, 789-801.	0.8	89
43	Grain yield, adaptation and progress in breeding for early-maturing and heat-tolerant wheat lines in South Asia. Field Crops Research, 2016, 192, 78-85.	2.3	83
44	Fine scale genetic and physical mapping using interstitial deletion mutants of Lr34 /Yr18: a disease resistance locus effective against multiple pathogens in wheat. Theoretical and Applied Genetics, 2008, 116, 481-490.	1.8	81
45	Assessing Genetic Diversity to Breed Competitive Biofortified Wheat With Enhanced Grain Zn and Fe Concentrations. Frontiers in Plant Science, 2018, 9, 1971.	1.7	79
46	Integrating genomic-enabled prediction and high-throughput phenotyping in breeding for climate-resilient bread wheat. Theoretical and Applied Genetics, 2019, 132, 177-194.	1.8	78
47	Genetic Gains for Grain Yield in CIMMYT Spring Bread Wheat across International Environments. Crop Science, 2012, 52, 1522-1533.	0.8	75
48	Progress Towards Genetics and Breeding for Minor Genes Based Resistance to Ug99 and Other Rusts in CIMMYT High-Yielding Spring Wheat. Journal of Integrative Agriculture, 2014, 13, 255-261.	1.7	75
49	Use of wheat genetic resources to develop biofortified wheat with enhanced grain zinc and iron concentrations and desirable processing quality. Journal of Cereal Science, 2014, 60, 617-622.	1.8	73
50	Identification and Evaluation of Sources of Resistance to Stem Rust Race Ug99 in Wheat. Plant Disease, 2010, 94, 413-419.	0.7	70
51	High-throughput phenotyping platforms enhance genomic selection for wheat grain yield across populations and cycles in early stage. Theoretical and Applied Genetics, 2019, 132, 1705-1720.	1.8	70
52	Genetic Gains for Grain Yield in CIMMYT's Semiâ€Arid Wheat Yield Trials Grown in Suboptimal Environments. Crop Science, 2018, 58, 1890-1898.	0.8	69
53	Prospects and Challenges of Applied Genomic Selectionâ€”A New Paradigm in Breeding for Grain Yield in Bread Wheat. Plant Genome, 2018, 11, 180017.	1.6	65
54	Genetic Progress in Reducing Losses to Leaf Rust in CIMMYTâ€Derived Mexican Spring Wheat Cultivars. Crop Science, 1998, 38, 654-659.	0.8	64

#	Article	IF	Citations
55	Identification and Molecular Characterization of Leaf Rust Resistance Gene Lr14a in Durum Wheat. Plant Disease, 2008, 92, 469-473.	0.7	64
56	Fifty years of semi-dwarf spring wheat breeding at CIMMYT: Grain yield progress in optimum, drought and heat stress environments. Field Crops Research, 2020, 250, 107757.	2.3	64
57	Effect of Leaf Rust on Grain Yield and Yield Traits of Durum Wheats with Race-Specific and Slow-Rusting Resistance to Leaf Rust. Plant Disease, 2006, 90, 1065-1072.	0.7	63
58	Milling, processing and end-use quality traits of CIMMYT spring bread wheat germplasm under drought and heat stress. Field Crops Research, 2018, 215, 104-112.	2.3	62
59	Genetic impact of Rht dwarfing genes on grain micronutrients concentration in wheat. Field Crops Research, 2017, 214, 373-377.	2.3	61
60	Multi-environment multi-QTL association mapping identifies disease resistance QTL in barley germplasm from Latin America. Theoretical and Applied Genetics, 2015, 128, 501-516.	1.8	58
61	QTL analysis of the spring wheat â€œChapioâ€•identifies stable stripe rust resistance despite inter-continental genotypeÂÃ—Âenvironment interactions. Theoretical and Applied Genetics, 2013, 126, 1721-1732.	1.8	55
62	Identification and Mapping of Lr3 and a Linked Leaf Rust Resistance Gene in Durum Wheat. Crop Science, 2007, 47, 1459-1466.	0.8	54
63	Molecular Mapping and Validation of SrND643: A New Wheat Gene for Resistance to the Stem Rust Pathogen Ug99 Race Group. Phytopathology, 2015, 105, 470-476.	1.1	54
64	Effect of drought and elevated temperature on grain zinc and iron concentrations in CIMMYT spring wheat. Journal of Cereal Science, 2016, 69, 182-186.	1.8	54
65	Coleoptile length variation of near-isogenic Rht lines of modern CIMMYT bread and durum wheats. Field Crops Research, 2001, 70, 167-176.	2.3	52
66	Identification of QTL associated with durable adult plant resistance to stem rust race Ug99 in wheat cultivar â€˜Pavon 76â€™. Euphytica, 2013, 190, 33-44.	0.6	52
67	Development of a SNP marker assay for the Lr67 gene of wheat using a genotyping by sequencing approach. Molecular Breeding, 2014, 34, 2109-2118.	1.0	52
68	Haplotype diversity of stem rust resistance loci in uncharacterized wheat lines. Molecular Breeding, 2010, 26, 667-680.	1.0	50
69	Title is missing!. Euphytica, 2003, 129, 371-376.	0.6	49
70	Identification and characterization of pleiotropic and co-located resistance loci to leaf rust and stripe rust in bread wheat cultivar Sujata. Theoretical and Applied Genetics, 2015, 128, 549-561.	1.8	49
71	Adult Plant Slow Rusting Genes Confer High Levels of Resistance to Rusts in Bread Wheat Cultivars From Mexico. Frontiers in Plant Science, 2020, 11, 824.	1.7	49
72	Lr72 Confers Resistance to Leaf Rust in Durum Wheat Cultivar Atil C2000. Plant Disease, 2014, 98, 631-635.	0.7	48

#	Article	IF	Citations
73	Genetic improvement of grain quality traits for CIMMYT semi-dwarf spring bread wheat varieties developed during 1965â€“2015: 50 years of breeding. Field Crops Research, 2017, 210, 192-196.	2.3	48
74	Yr60, a Gene Conferring Moderate Resistance to Stripe Rust in Wheat. Plant Disease, 2015, 99, 508-511.	0.7	45
75	Agronomic Performance and Multiple Disease Resistance in T2BS.2RL Wheat-Rye Translocation Lines. Crop Science, 2007, 47, 254-260.	0.8	43
76	Molecular Mapping of a Leaf Rust Resistance Gene on the Short Arm of Chromosome 6B of Durum Wheat. Plant Disease, 2008, 92, 1650-1654.	0.7	43
77	Interactions among genes Sr2/Yr30, Lr34/Yr18/Sr57 and Lr68 confer enhanced adult plant resistance to rust diseases in common wheat (Triticum aestivum L.) line â€˜Arulaâ€™. Australian Journal of Crop Science, 2018, 12, 1023-1033.	0.1	43
78	QTL mapping of slow-rusting, adult plant resistance to race Ug99 of stem rust fungus in PBW343/Muu RIL population. Theoretical and Applied Genetics, 2013, 126, 1367-1375.	1.8	41
79	Progress in breeding for resistance to Ug99 and other races of the stem rust fungus in CIMMYT wheat germplasm. Frontiers of Agricultural Science and Engineering, 2019, 6, 210.	0.9	40
80	Genomic Bayesian functional regression models with interactions for predicting wheat grain yield using hyper-spectral image data. Plant Methods, 2017, 13, 62.	1.9	38
81	Evaluation of slow rusting resistance components to leaf rust in CIMMYT durum wheats. Euphytica, 2007, 155, 361-369.	0.6	37
82	First Detection of Virulence in Puccinia triticina to Resistance Genes Lr27 + Lr31 Present in Durum Wheat in Mexico. Plant Disease, 2009, 93, 110-110.	0.7	35
83	New Genes for Leaf Rust Resistance in CIMMYT Durum Wheats. Plant Disease, 2005, 89, 809-814.	0.7	34
84	Grain yield genetic gains and changes in physiological related traits for CIMMYTâ€™s High Rainfall Wheat Screening Nursery tested across international environments. Field Crops Research, 2020, 249, 107742.	2.3	34
85	Title is missing!. Euphytica, 1998, 100, 35-43.	0.6	33
86	Characterization of Leaf Rust and Stripe Rust Resistance in Spring Wheat â€˜Chileroâ€™. Plant Disease, 2018, 102, 421-427.	0.7	33
87	Grain yield and other traits of tall and dwarf isolines of modern bread and durum wheats. Euphytica, 2001, 119, 241-244.	0.6	32
88	Genetic analysis and mapping of adult plant resistance loci to leaf rust in durum wheat cultivar Bairds. Theoretical and Applied Genetics, 2017, 130, 609-619.	1.8	32
89	Characterization of Mexican wheat landraces using agronomically useful attributes. Genetic Resources and Crop Evolution, 2000, 47, 591-602.	0.8	30
90	Resistance to stem rust Ug99 in six bread wheat cultivars maps to chromosome 6DS. Theoretical and Applied Genetics, 2014, 127, 231-239.	1.8	30

#	Article	IF	Citations
91	Genome wide association mapping of stripe rust resistance in Afghan wheat landraces. Plant Science, 2016, 252, 222-229.	1.7	29
92	Identification and Mapping of Adult Plant Resistance Loci to Leaf Rust and Stripe Rust in Common Wheat Cultivar Kundan. Plant Disease, 2017, 101, 456-463.	0.7	29
93	Haplotype-Based, Genome-Wide Association Study Reveals Stable Genomic Regions for Grain Yield in CIMMYT Spring Bread Wheat. Frontiers in Genetics, 2020, 11, 589490.	1.1	29
94	Identification and Validation of a Common Stem Rust Resistance Locus in Two Bi-parental Populations. Frontiers in Plant Science, 2018, 9, 1788.	1.7	28
95	Targeted mapping of ESTs linked to the adult plant resistance gene Lr46 in wheat using synteny with rice. Functional and Integrative Genomics, 2006, 6, 122-131.	1.4	27
96	Genetic Analysis of Adult Plant Resistance to Yellow Rust and Leaf Rust in Common Spring Wheat Quaiu 3. Plant Disease, 2013, 97, 728-736.	0.7	27
97	Quantitative trait loci for resistance to stripe rust of wheat revealed using global field nurseries and opportunities for stacking resistance genes. Theoretical and Applied Genetics, 2017, 130, 2617-2635.	1.8	27
98	Genomic Selection for Grain Yield in the CIMMYT Wheat Breeding Programâ€"Status and Perspectives. Frontiers in Plant Science, 2020, 11, 564183.	1.7	27
99	Genetic Analysis of Slowâ€Rusting Resistance to Leaf Rust in Durum Wheat. Crop Science, 2008, 48, 2132-2140.	0.8	26
100	Characterization and Mapping of Leaf Rust and Stripe Rust Resistance Loci in Hexaploid Wheat Lines UC1110 and PI610750 under Mexican Environments. Frontiers in Plant Science, 2017, 8, 1450.	1.7	26
101	Target Population of Environments for Wheat Breeding in India: Definition, Prediction and Genetic Gains. Frontiers in Plant Science, 2021, 12, 638520.	1.7	26
102	Leaf rust (Puccinia triticina) resistance in wheat (Triticum aestivum) cultivars grown in Northern Europe 1992-2002. Hereditas, 2006, 143, 1-14.	0.5	25
103	Four Consistent Loci Confer Adult Plant Resistance to Leaf Rust in the Durum Wheat Lines Heller#1 and Dunkler. Phytopathology, 2020, 110, 892-899.	1.1	25
104	Genetic Analysis of Resistance to Leaf Rust and Stripe Rust in Wheat Cultivar Francolin#1. Plant Disease, 2014, 98, 1227-1234.	0.7	24
105	Sources of the highly expressed wheat bread making (wbm) gene in CIMMYT spring wheat germplasm and its effect on processing and bread-making quality. Euphytica, 2016, 209, 689-692.	0.6	24
106	Nutritional quality characterization of a set of durum wheat landraces from Iran and Mexico. LWT - Food Science and Technology, 2020, 124, 109198.	2.5	20
107	Characterization of Heatâ€and Droughtâ€Stress Tolerance in Highâ€Yielding Spring Wheat. Crop Science, 2015, 55, 1552-1562.	0.8	19
108	Effects of glutenins (Glu-1 and Glu-3) allelic variation on dough properties and bread-making quality of CIMMYT bread wheat breeding lines. Field Crops Research, 2022, 284, 108585.	2.3	19

#	Article	IF	Citations
109	Virulence of Oat Crown Rust in Mexico. Plant Disease, 2005, 89, 941-948.	0.7	17
110	Genetics of resistance to yellow rust in PBW343ÂÃ—ÂKenya Kudu recombinant inbred line population and mapping of a new resistance gene YrKK. Molecular Breeding, 2013, 32, 821-829.	1.0	17
111	Characterization of Adult Plant Resistance to Leaf Rust and Stripe Rust in Indian Wheat Cultivar â€˜New Pusa 876â€™. Crop Science, 2018, 58, 630-638.	0.8	17
112	Genetic analysis of resistance to stripe rust in durum wheat (Triticum turgidum L. var. durum). PLoS ONE, 2018, 13, e0203283.	1.1	17
113	Genome-Wide Mapping of Adult Plant Resistance to Leaf Rust and Stripe Rust in CIMMYT Wheat Line Arableu#1. Plant Disease, 2020, 104, 1455-1464.	0.7	17
114	Genetic Analysis of Resistance to Leaf Rust and Yellow Rust in Spring Wheat Cultivar Kenya Kongoni. Plant Disease, 2015, 99, 1153-1160.	0.7	16
115	High-Density Mapping of Triple Rust Resistance in Barley Using DArT-Seq Markers. Frontiers in Plant Science, 2019, 10, 467.	1.7	14
116	Preliminary characterization for grain quality traits and high and low molecular weight glutenins subunits composition of durum wheat landraces from Iran and Mexico. Journal of Cereal Science, 2019, 88, 47-56.	1.8	14
117	Two Main Stripe Rust Resistance Genes Identified in Synthetic-Derived Wheat Line Soru#1. Phytopathology, 2019, 109, 120-126.	1.1	12
118	Genetics of Greenbug Resistance in Synthetic Hexaploid Wheat Derived Germplasm. Frontiers in Plant Science, 2019, 10, 782.	1.7	12
119	Phenotypic association of adult-plant resistance to leaf and stripe rusts in wheat. Canadian Journal of Plant Pathology, 2005, 27, 396-403.	0.8	11
120	Inheritance of Leaf Rust Resistance in the CIMMYT Wheat Weebill 1. Crop Science, 2008, 48, 1037.	0.8	11
121	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. Scientific Reports, 2021, 11, 5254.	1.6	11
122	Adult plant stem rust resistance in durum wheat Glossy Huguenot: mapping, marker development and validation. Theoretical and Applied Genetics, 2022, 135, 1541-1550.	1.8	11
123	Three co-located resistance genes confer resistance to leaf rust and stripe rust in wheat variety Borlaug 100. Crop Journal, 2022, 10, 490-497.	2.3	10
124	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. Frontiers in Plant Science, 2022, 13, 835095.	1.7	9
125	Genetics of Leaf Rust Resistance in Brambling Wheat. Plant Disease, 2008, 92, 1111-1118.	0.7	8
126	Different QTLs are associated with leaf rust resistance in wheat between China and Mexico. Molecular Breeding, 2015, 35, 1.	1.0	8

#	Article	IF	Citations
127	Identification of Genomic Associations for Adult Plant Resistance in the Background of Popular South Asian Wheat Cultivar, PBW343. Frontiers in Plant Science, 2016, 7, 1674.	1.7	8
128	Genome-wide mapping and allelic fingerprinting provide insights into the genetics of resistance to wheat stripe rust in India, Kenya and Mexico. Scientific Reports, 2020, 10, 10908.	1.6	8
129	Juvenile Heat Tolerance in Wheat for Attaining Higher Grain Yield by Shifting to Early Sowing in October in South Asia. Genes, 2021, 12, 1808.	1.0	8
130	Stripe rust resistance in wild wheat Aegilops tauschii Coss.: genetic structure and inheritance in synthetic allohexaploid Triticum wheat lines. Genetic Resources and Crop Evolution, 2019, 66, 909-920.	0.8	7
131	Retrospective Quantitative Genetic Analysis and Genomic Prediction of Global Wheat Yields. Frontiers in Plant Science, 2020, 11, 580136.	1.7	7
132	Wheat Rusts: Current Status, Prospects of Genetic Control and Integrated Approaches to Enhance Resistance Durability. , 2022, , 125-141.		7
133	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
134	Relationship between the number of partial resistance genes and the response to leaf rust in wheat genotypes. Chilean Journal of Agricultural Research, 2018, 78, 400-408.	0.4	6
135	Disease Resistance in Wheat: Present Status and Future Prospects. , 2019, , 61-81.		6
136	Quantitative trait loci mapping reveals the complexity of adult plant resistance to leaf rust in spring wheat â€˜Copioâ€™. Crop Science, 2022, 62, 1037-1050.	0.8	5
137	Leaf Rust Resistance Genes in Japanese Wheat cultivars. Breeding Science, 2001, 51, 83-87.	0.9	4
138	Information theoretic approach to address delay and reliability in long on-chip interconnects. IEEE/ACM International Conference on Computer-Aided Design, Digest of Technical Papers, 2006, , .	0.0	4
139	First Detection of Virulence in Puccinia striiformis f. sp. tritici to Wheat Resistance Genes Yr10 and Yr24 (=Yr26) in Mexico. Plant Disease, 2017, 101, 1676-1676.	0.7	4
140	Identification and mapping of two adult plant leaf rust resistance genes in durum wheat. Molecular Breeding, 2019, 39, 1.	1.0	4
141	Inheritance of Leaf Rust Resistance in Wheat Cultivars Morocco and Little Club. Plant Disease, 1994, 78, 383.	0.7	4
142	Genetic Analysis of Resistance to Wheat Rusts. Methods in Molecular Biology, 2017, 1659, 137-149.	0.4	3
143	COMPARACIÃ“N DEL RENDIMIENTO DE TRIGOS HARINEROS Y CRISTALINOS A TRAVÃ‰S DE DIFERENTES AMBIENTES DE RIEGO. Revista Fitotecnia Mexicana, 2018, 41, 159-166.	0.0	3
144	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

#	Article	IF	Citations
145	GENÃ‰TICA DE LA RESISTENCIA A ROYA AMARILLA CAUSADA POR Puccinia striiformis f. sp. tritici W. EN TRES GENOTIPOS DE TRIGO (Triticum aestivum L.). Revista Fitotecnia Mexicana, 2019, 42, 31-38.	0.0	2
146	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
147	Molecular mapping and markers for leaf rust resistance gene Lr24 in CIMMYT wheat line 19HRWSN-122. Euphytica, 2015, 206, 57-66.	0.6	1
148	Identification of Two New Loci for Adult Plant Resistance to Leaf Rust and Stripe Rust in the Chinese Wheat Variety â€˜Neimai 836â€™. Plant Disease, 2021, , PDIS12202654RE.	0.7	1
149	NOHELY F2018, NUEVA VARIEDAD DE TRIGO HARINERO PARA EL VALLE DE MEXICALI Y NORTE DE SONORA, MÃ‰XICO. Revista Fitotecnia Mexicana, 2021, 44, 273.	0.0	1
150	Molecular Characterization of Genomic Regions for Adult Plant Resistance to Stem Rust in a Spring Wheat Mapping Population. Plant Disease, 2022, 106, 439-450.	0.7	1
151	GENÃ‰TICA DE LA RESISTENCIA A LA ROYA DEL TALLO EN PLANTA ADULTA EN GENOTIPOS Ã‰LITE DE TRIGO HARINERO. Revista Fitotecnia Mexicana, 2018, 41, 385-392.	0.0	1
152	Chemical treatment to wheat seed to reduce the incidence of bacteria. Revista Mexicana De Fitopatologia, 2020, 38, .	0.2	1
153	Achieving Genetic Gains in Practice. , 2022, , 97-123.		1
154	RÃO BRAVO C2018, NUEVA VARIEDAD DE TRIGO MACARRONERO PARA ÃREAS DE RIEGO EN MÃ‰XICO. Revista Fitotecnia Mexicana, 2021, 44, 269.	0.0	0
155	Fungicides evaluation againts yellow rust (Puccinia striiformis f. sp. hordei) in six barley cultivars. Revista Mexicana De Fitopatologia, 2021, 39, .	0.2	0
156	GENÃ‰TICA DE LA RESISTENCIA A Puccinia triticina Eriks EN TRIGOS CRISTALINOS INVERNALES. Revista Fitotecnia Mexicana, 2016, 39, 133-139.	0.0	0
157	GENÃ‰TICA DE LA RESISTENCIA A LA ROYA DEL TALLO EN GENOTIPOS DE TRIGO CRISTALINO. Revista Fitotecnia Mexicana, 2016, 39, 379-384.	0.0	0
158	MARTÃNEZ C2016, NUEVA VARIEDAD DE TRIGO CRISTALINO PARA MEXICALI, BAJA CALIFORNIA Y SAN LUIS RÃO COLORADO, SONORA. Revista Fitotecnia Mexicana, 2018, 41, 217-218.	0.0	0
159	Agresividad de aislados de Bipolaris sorokiniana y Alternaria alternata en variedades de trigo en MÃ©xico. Revista Mexicana De Fitopatologia, 2018, 36, .	0.2	0
160	Ã‘ipal F2016: variedad de trigo harinero para el Distrito Rural 014. Revista Mexicana De Ciencias Agricolas, 2018, 9, 1823-1825.	0.0	0
161	ELIA M2016, NUEVA VARIEDAD DE TRIGO HARINERO PARA RIEGO RESTRINGIDO EN EL BAJÃO, MÃ‰XICO. Revista Fitotecnia Mexicana, 2019, 42, 79-81.	0.0	0
162	RESISTENCIA PARCIAL Y ESPECÃFICA A ROYA DEL TALLO EN LA LINEA AVANZADA DE TRIGO HARINERO â€˜KIJILâ€™. Revista Fitotecnia Mexicana, 2020, 42, 411-418.	0.0	0

#	Article	IF	Citations
163	BAROBAMPO C2015, NUEVA VARIEDAD DE TRIGO CRISTALINO PARA ÃREAS DE RIEGO EN MÃ‰XICO. Revista Fitotecnia Mexicana, 2020, 43, 245.	0.0	0
164	RELACIÃ“N ENTRE EL GEN Lr67 DE RESISTENCIA A ROYA DE LA HOJA Y EL GEN Rht-D1 DE ENANISMO DEL TRIGO. Revista Fitotecnia Mexicana, 2020, 43, 143.	0.0	0
165	NORESTE F2018: NUEVA VARIEDAD DE TRIGO HARINERO PARA ÃREAS DE RIEGO EN MÃ‰XICO. Revista Fitotecnia Mexicana, 2020, 43, 483.	0.0	0
166	CONASIST C2015, NUEVA VARIEDAD DE TRIGO MACARRONERO (Triticum durum Desf.) PARA SIEMBRAS DE RIEGO EN MÃ‰XICO. Revista Fitotecnia Mexicana, 2020, 43, 127.	0.0	0
167	TEXCOCO F2016, NUEVA VARIEDAD DE TRIGO HARINERO PARA SIEMBRAS DE SECANO EN MÃ‰XICO. Revista Fitotecnia Mexicana, 2020, 43, 351.	0.0	0
168	INTROGRESIÃ“N DE LOS GENES DE RESISTENCIA A ROYA AMARILLA Yr5a Y Yr15 EN EL CULTIVAR DE TRIGO HARINERO BORLAUG 100. Revista Fitotecnia Mexicana, 2020, 43, 275.	0.0	0
169	ACCIÃ“N GÃ‰NICA Y GENES QUE OTORGAN RESISTENCIA A ROYA DE LA HOJA EN TRIGO CRISTALINO. Revista Fitotecnia Mexicana, 2022, 45, 83.	0.0	0
170	BACOREHUIS F2015, NUEVA VARIEDAD DE TRIGO HARINERO PARA ÃREAS DE RIEGO EN MÃ‰XICO. Revista Fitotecnia Mexicana, 2022, 44, 693.	0.0	0