Robert F Park

List of Publications by Year
in descending order

164 papers	7,347 citations	61984 43 h-index	71685 76 g-index
172 all docs	172 docs citations	172 times ranked	5184 citing authors

#	Article	IF	Citations
1	Speed breeding is a powerful tool to accelerate crop research and breeding. Nature Plants, 2018, 4, 23-29.	9.3	770
2	Obligate biotrophy features unraveled by the genomic analysis of rust fungi. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 9166-9171.	7.1	640
3	Global status of wheat leaf rust caused by Puccinia triticina. Euphytica, 2011, 179, 143-160.	1.2	410
4	The wheat Sr50 gene reveals rich diversity at a cereal disease resistance locus. Nature Plants, 2015, 1, 15186.	9.3	209
5	Prospects of doubling global wheat yields. Food and Energy Security, 2013, 2, 34-48.	4.3	207
6	Research investment implications of shifts in the global geography of wheat stripe rust. Nature Plants, 2015, 1, 15132.	9.3	207
7	Loss of AvrSr50 by somatic exchange in stem rust leads to virulence for Sr50 resistance in wheat. Science, 2017, 358, 1607-1610.	12.6	206
8	A Near-Complete Haplotype-Phased Genome of the Dikaryotic Wheat Stripe Rust Fungus Puccinia striiformis f. sp. tritici Reveals High Interhaplotype Diversity. MBio, 2018, 9, .	4.1	112
9	Stem rust of wheat in Australia. Australian Journal of Agricultural Research, 2007, 58, 558.	1.5	110
10	Right-Sizing Stem-Rust Research. Science, 2013, 340, 147-148.	12.6	104
11	Somatic Hybridization in the Uredinales. Annual Review of Phytopathology, 2012, 50, 219-239.	7.8	103
12	Comparative genomics of Australian isolates of the wheat stem rust pathogen Puccinia graminis f. sp. tritici reveals extensive polymorphism in candidate effector genes. Frontiers in Plant Science, 2014, 5, 759.	3.6	98
13	Evaluation of seedling and adult plant resistance to leaf rust in European wheat cultivars. Euphytica, 2006, 149, 327-342.	1.2	96
14	Distribution of Pathotypes with Regard to Host Cultivars in French Wheat Leaf Rust Populations. Phytopathology, 2006, 96, 264-273.	2.2	90
15	Mapping Rph20: a gene conferring adult plant resistance to Puccinia hordei in barley. Theoretical and Applied Genetics, 2011, 123, 55-68.	3.6	89
16	Breeding cereals for rust resistance in Australia. Plant Pathology, 2008, 57, 591-602.	2.4	87
17	Characterization of two new Puccinia graminis f. sp. tritici races within the Ug99 lineage in South Africa. Euphytica, 2011, 179, 119-127.	1.2	84
18	Mycosphaerella nubilosa, a synonym of M. molleriana. Mycological Research, 1991, 95, 628-632.	2.5	81

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19	Leaf Rust of Cultivated Barley: Pathology and Control. Annual Review of Phytopathology, 2015, 53, 565-589.	7.8	80
20	Leaf diseases of Eucalyptus associated with Mycosphaerella species. Transactions of the British Mycological Society, 1982, 79, 101-115.	0.6	79
21	Evidence for somatic hybridization in nature in Puccinia recondita f. sp. tritici, the leaf rust pathogen of wheat. Mycological Research, 1999, 103, 715-723.	2.5	76
22	Puccinia coronata f. sp. avenae: a threat to global oat production. Molecular Plant Pathology, 2018, 19, 1047-1060.	4.2	75
23	International surveillance of wheat rust pathogens: progress and challenges. Euphytica, 2011, 179, 109-117.	1.2	74
24	Characterization and mapping of gene Rph19 conferring resistance to Puccinia hordei in the cultivar 'Reka 1' and several Australian barleys. Plant Breeding, 2002, 121, 232-236.	1.9	72
25	Discovery, characterisation and mapping of wheat leaf rust resistance gene Lr71. Euphytica, 2013, 190, 131-136.	1.2	71
26	New sources of rust resistance from alien species: meliorating linked defects and discovery. Australian Journal of Agricultural Research, 2007, 58, 545.	1.5	70
27	Characterisation and mapping of gene Lr73 conferring seedling resistance to Puccinia triticina in common wheat. Theoretical and Applied Genetics, 2014, 127, 2041-2049.	3.6	67
28	Three Mycosphaerella species from leaf diseases of Eucalyptus. Transactions of the British Mycological Society, 1982, 79, 95-100.	0.6	63
29	Mapping genes Lr53 and Yr35 on the short arm of chromosome 6B of common wheat with microsatellite markers and studies of their association with Lr36. Theoretical and Applied Genetics, 2011, 122, 479-487.	3.6	59
30	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 February 2013â€“31 March 2013. Molecular Ecology Resources, 2013, 13, 760-762.	4.8	58
31	De Novo Assembly and Phasing of Dikaryotic Genomes from Two Isolates of Puccinia coronata f. sp. avenae , the Causal Agent of Oat Crown Rust. MBio, 2018, 9, .	4.1	57
32	Pathogenic Specialization and Pathotype Distribution of Puccinia hordei in Australia, 1992 to 2001. Plant Disease, 2003, 87, 1311-1316.	1.4	56
33	Relationship between wheat rust resistance genes Yr1 and Sr48 and a microsatellite marker. Plant Pathology, 2009, 58, 1039-1043.	2.4	56
34	The Lr34 adult plant rust resistance gene provides seedling resistance in durum wheat without senescence. Plant Biotechnology Journal, 2017, 15, 894-905.	8.3	56
35	Complementary resistance genes in wheat selection â€˜Avocet Râ€™ confer resistance to stripe rust. Theoretical and Applied Genetics, 2016, 129, 65-76.	3.6	54
36	Detection and occurrence of a new pathotype of Puccinia triticina with virulence for Lr24 in Australia. Australian Journal of Agricultural Research, 2002, 53, 1069.	1.5	53

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37	The Coiled-Coil NLR Rph1, Confers Leaf Rust Resistance in Barley Cultivar Sudan. Plant Physiology, 2019, 179, 1362-1372.	4.8	53
38	Molecular genetic variability of Australian isolates of five cereal rust pathogens. Mycological Research, 2003, 107, 545-556.	2.5	51
39	Comparative Genomics Integrated with Association Analysis Identifies Candidate Effector Genes Corresponding to Lr20 in Phenotype-Paired Puccinia triticina Isolates from Australia. Frontiers in Plant Science, 2017, 8, 148.	3.6	49
40	Postulation of leaf (brown) rust resistance genes in 70 wheat cultivars grown in the United Kingdom. Euphytica, 2001, 120, 205-218.	1.2	48
41	Evaluation of seedling and adult plant resistance to stem rust in European wheat cultivars. Euphytica, 2007, 155, 87-105.	1.2	48
42	Infection of Brachypodium distachyon with Selected Grass Rust Pathogens. Molecular Plant-Microbe Interactions, 2013, 26, 946-957.	2.6	47
43	Further Mycosphaerella species causing leaf diseases of Eucalyptus. Transactions of the British Mycological Society, 1984, 83, 93-105.	0.6	46
44	Molecular genetics of leaf rust resistance in wheat and barley. Theoretical and Applied Genetics, 2020, 133, 2035-2050.	3.6	46
45	Resistance of European winter wheat germplasm to leaf rust. Agronomy for Sustainable Development, 2000, 20, 783-792.	0.8	46
46	Changing the Game: Using Integrative Genomics to Probe Virulence Mechanisms of the Stem Rust Pathogen Puccinia graminis f. sp. tritici. Frontiers in Plant Science, 2016, 7, 205.	3.6	45
47	Characterization of Rph24: A Gene Conferring Adult Plant Resistance to Puccinia hordei in Barley. Phytopathology, 2017, 107, 834-841.	2.2	45
48	Wheat stem rust in Australia dash 1969-1985. Australian Journal of Agricultural Research, 1992, 43, 399.	1.5	44
49	Characterization and genome-wide association mapping of resistance to leaf rust, stem rust and stripe rust in a geographically diverse collection of spring wheat landraces. Molecular Breeding, 2017, 37, 1.	2.1	44
50	Evolutionary history shapes the susceptibility of an island tree flora to an exotic pathogen. Forest Ecology and Management, 2016, 368, 183-193.	3.2	41
51	Rph23: A new designated additive adult plant resistance gene to leaf rust in barley on chromosome 7H. Plant Breeding, 2015, 134, 62-69.	1.9	39
52	A recombined Sr26 and Sr61 disease resistance gene stack in wheat encodes unrelated NLR genes. Nature Communications, 2021, 12, 3378.	12.8	39
53	Epidemiology of Mycosphaerella nubilosa and M. cryptica on Eucalyptus spp. in South-eastern Australia. Transactions of the British Mycological Society, 1988, 91, 261-266.	0.6	38
54	Effect of certain host, inoculum, and environmental factors on infection of Eucalyptus species by two Mycosphaerella species. Transactions of the British Mycological Society, 1988, 90, 221-228.	0.6	38

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55	Evaluation of seedling and adult plant resistance to Puccinia hordei in barley. Euphytica, 2009, 166, 183-197.	1.2	38
56	Genetic mapping of seedling and adult plant stem rust resistance in two European winter wheat cultivars. Euphytica, 2008, 164, 821-828.	1.2	37
57	Population Structure of Puccinia recondita in Western Europe During 1995, as Assessed by Variability in Pathogenicity and Molecular Markers. Journal of Phytopathology, 2000, 148, 169-179.	1.0	36
58	Microsatellite Analysis and Urediniospore Dispersal Simulations Support the Movement of Puccinia graminis f. sp. tritici from Southern Africa to Australia. Phytopathology, 2019, 109, 133-144.	2.2	36
59	Genetic Diversity in Australian Populations of Puccinia graminis f. sp. avenae. Phytopathology, 2006, 96, 96-104.	2.2	35
60	Surveillance for azole resistance in clinical and environmental isolates of Aspergillus fumigatus in Australia and cyp51A homology modelling of azole-resistant isolates. Journal of Antimicrobial Chemotherapy, 2018, 73, 2347-2351.	3.0	35
61	Wheat leaf rust resistance gene Lr13 is a specific Ne2 allele for hybrid necrosis. Molecular Plant, 2021, 14, 1025-1028.	8.3	34
62	Physiological specialization and pathotype distribution ofPuccinia reconditain western Europe, 1995. Plant Pathology, 1998, 47, 157-164.	2.4	33
63	Aberrant mRNA Processing of the Maize Rp1-D Rust Resistance Gene in Wheat and Barley. Molecular Plant-Microbe Interactions, 2004, 17, 853-864.	2.6	31
64	Characterisation of wheat leaf rust resistance gene Lr34 in Australian wheats using components of resistance and the linked molecular marker csLV34. Australian Journal of Agricultural Research, 2007, 58, 1106.	1.5	31
65	Inheritance and molecular mapping of a gene conferring seedling resistance against Puccinia hordei in the barley cultivar Ricardo. Theoretical and Applied Genetics, 2012, 125, 1403-1411.	3.6	31
66	Title is missing!. Euphytica, 2001, 122, 113-127.	1.2	30
67	Genetic relationship between the adult plant resistance gene Lr12 and the complementary gene Lr31 for seedling resistance to leaf rust in common wheat. Plant Pathology, 1999, 48, 567-573.	2.4	29
68	Exploring and exploiting the boundaries of host specificity using the cereal rust and mildew models. New Phytologist, 2018, 218, 453-462.	7.3	29
69	Pathogenic Specialisation of Wheat Rusts in Australia and New Zealand in 1988 and 1989.. Australasian Plant Pathology, 1992, 21, 61.	1.0	28
70	Inheritance and characterization of the new and rare gene Rph25 conferring seedling resistance in Hordeum vulgare against Puccinia hordei. Plant Breeding, 2017, 136, 908-912.	1.9	28
71	Molecular mapping of leaf rust resistance gene Rph14 in Hordeum vulgare. Theoretical and Applied Genetics, 2009, 119, 1281-1288.	3.6	26
72	Expression of adult plant resistance and its effect on the development of Puccinia striiformis f.sp. tritici in some Australian wheat cultivars. Plant Pathology, 1989, 38, 200-208.	2.4	25

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73	A curious case of resistance to a new encounter pathogen: myrtle rust in Australia. Molecular Plant Pathology, 2016, 17, 783-788.	4.2	25
74	De Novo Genome Assembly and Comparative Genomics of the Barley Leaf Rust Pathogen Puccinia hordei Identifies Candidates for Three Avirulence Genes. G3: Genes, Genomes, Genetics, 2019, 9, 3263-3271.	1.8	25
75	Cytogenetics in the age of molecular genetics. Australian Journal of Agricultural Research, 2007, 58, 498.	1.5	24
76	BED domainâ€containing NLR from wild barley confers resistance to leaf rust. Plant Biotechnology Journal, 2021, 19, 1206-1215.	8.3	24
77	The role of temperature and rainfall in the epidemiology of Puccinia striiformis f.sp. tritici in the summer rainfall area of eastern Australia. Plant Pathology, 1990, 39, 416-423.	2.4	23
78	Inheritance and QTL mapping of leaf rust resistance in the European winter wheat cultivar â€˜Beaverâ€™. Euphytica, 2009, 169, 253-261.	1.2	23
79	Long-Readâ€“Based de novo Genome Assembly and Comparative Genomics of the Wheat Leaf Rust Pathogen Puccinia triticina Identifies Candidates for Three Avirulence Genes. Frontiers in Genetics, 2020, 11, 521.	2.3	23
80	Effects of temperature on the response of some Australian wheat cultivars to Puccinia striiformis f. sp. tritici. Mycological Research, 1992, 96, 166-170.	2.5	22
81	Austropuccinia psidii, causing myrtle rust, has a gigabase-sized genome shaped by transposable elements. G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	22
82	Pathogenic specialisation of Puccinia recondita f. sp. tritici in Australia and New Zealand in 1990 and 1991. Australasian Plant Pathology, 1996, 25, 12.	1.0	21
83	Title is missing!. Australasian Plant Pathology, 2001, 30, 259.	1.0	21
84	Mapping Quantitative Trait Loci for Partial Resistance to Powdery Mildew in an Australian Barley Population. Crop Science, 2012, 52, 1021-1032.	1.8	21
85	Characterization and mapping of Lr65 in spelt wheat â€˜Altgold Rotkornâ€™. Plant Breeding, 2012, 131, 252-257.	1.9	21
86	Simple sequence repeats in Puccinia graminis: abundance, cross-formae speciales and intra-species utility, and development of novel markers. Australasian Plant Pathology, 2013, 42, 271-281.	1.0	20
87	Simple sequence repeat markers support the presence of a single genotype of Puccinia psidii in Australia. Plant Pathology, 2016, 65, 1084-1094.	2.4	20
88	Resistance in Australian barley (Hordeum vulgare) germplasm to the exotic pathogen Puccinia striiformis f. sp. hordei, causal agent of stripe rust. Plant Pathology, 2016, 65, 734-743.	2.4	20
89	Pathogenic specialization of Puccinia hordei Otth. in Australia, 1966-1990. Australian Journal of Agricultural Research, 1995, 46, 127.	1.5	19
90	Incursions of divergent genotypes, evolution of virulence and host jumps shape a continental clonal population of the stripe rust pathogen Puccinia striiformis. Molecular Ecology, 2021, 30, 6566-6584.	3.9	19

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91	Inheritance and Characterization of Rph27: A Third Race-Specific Resistance Gene in the Barley Cultivar Quinn. Phytopathology, 2020, 110, 1067-1073.	2.2	18
92	Some effects of stripe rust infection in wheats with adult plant resistance. Australian Journal of Agricultural Research, 1988, 39, 555.	1.5	18
93	Discovery of the New Leaf Rust Resistance Gene Lr82 in Wheat: Molecular Mapping and Marker Development. Genes, 2022, 13, 964.	2.4	18
94	Cytogenetic studies in wheat XIX. Chromosome location and linkage studies of a gene for leaf rust resistance in the Australian cultivar 'Harrier'. Plant Breeding, 2001, 120, 7-12.	1.9	17
95	Seedling resistances to rust diseases in international triticale germplasm. Crop and Pasture Science, 2010, 61, 1036.	1.5	17
96	Identification and characterization of seedling and adult plant resistance to <scp>P</scp>uccinia hordei in Chinese barley germplasm. Plant Breeding, 2013, 132, 571-579.	1.9	17
97	Genetic mapping of a new race specific resistance allele effective to Puccinia hordei at the Rph9/Rph12locus on chromosome 5HL in barley. BMC Plant Biology, 2014, 14, 1598.	3.6	17
98	Seedling resistance to Puccinia coronata f. sp. avenae in Avena strigosa, A. barbata and A. sativa. Euphytica, 2014, 196, 385-395.	1.2	17
99	De Novo Transcriptome Study Identifies Candidate Genes Involved in Resistance to Austropuccinia psidii (Myrtle Rust) in Syzygium luehmannii (Riberry). Phytopathology, 2018, 108, 627-640.	2.2	17
100	Components of Brachypodium distachyon resistance to nonadapted wheat stripe rust pathogens are simply inherited. PLoS Genetics, 2018, 14, e1007636.	3.5	17
101	Genetic analysis of adult plant resistance to Puccinia hordei in barley. Plant Breeding, 2010, 129, 162-166.	1.9	16
102	Fine mapping of leaf rust resistance gene Rph13 from wild barley. Theoretical and Applied Genetics, 2020, 133, 1887-1895.	3.6	16
103	Spore production by Mycosphaerella species causing leaf diseases of Eucalyptus. Transactions of the British Mycological Society, 1987, 89, 461-470.	0.6	15
104	Analysis of Stem Rust Resistance in Australian Barley Cultivars. Plant Disease, 2014, 98, 1485-1493.	1.4	15
105	Identification of new sources of adult plant resistance to Puccinia hordei in international barley (Hordeum vulgare L.) germplasm. European Journal of Plant Pathology, 2015, 141, 463-476.	1.7	15
106	Carotenoid pigments in rust fungi: Extraction, separation, quantification and characterisation. Fungal Biology Reviews, 2018, 32, 166-180.	4.7	15
107	High-Density Mapping of Triple Rust Resistance in Barley Using DArT-Seq Markers. Frontiers in Plant Science, 2019, 10, 467.	3.6	14
108	A strategy for identifying markers linked with stem rust resistance in wheat harbouring an alien chromosome introgression from a non-sequenced genome. Theoretical and Applied Genetics, 2019, 132, 125-135.	3.6	14

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109	Identification and genetic characterisation of adult plant resistance to crown rust in diploid and tetraploid accessions of Avena. Annals of Applied Biology, 2011, 159, 220-228.	2.5	13
110	Inheritance of Prehaustorial Resistance to Puccinia graminis f. sp. avenae in Barley (Hordeum vulgare L.). Molecular Plant-Microbe Interactions, 2014, 27, 1253-1262.	2.6	13
111	Characterising seedling and adult plant resistance to Puccinia hordei in Hordeum vulgare. Annals of Applied Biology, 2014, 165, 117-129.	2.5	12
112	A Chromosome-Scale Assembly of the Wheat Leaf Rust Pathogen Puccinia triticina Provides Insights Into Structural Variations and Genetic Relationships With Haplotype Resolution. Frontiers in Microbiology, 2021, 12, 704253.	3.5	12
113	The barley leaf rust resistance gene Rph3 encodes a predicted membrane protein and is induced upon infection by avirulent pathotypes of Puccinia hordei. Nature Communications, 2022, 13, 2386.	12.8	12
114	Pathogenic and molecular variation support the presence of genetically distinct clonal lineages in Australian populations of Puccinia graminis f. sp. avenae. Mycological Research, 2008, 112, 663-673.	2.5	11
115	Hybrids of Avena sativa with two diploid wild oats (Clav6956) and (Clav7233) resistant to crown rust. Euphytica, 2010, 174, 189-198.	1.2	11
116	Resistance to Puccinia graminis f. sp. avenae in Barley Is Associated with the Rpg5 Locus. Phytopathology, 2015, 105, 490-494.	2.2	11
117	Molecular Characterization of Australian Isolates of Puccinia graminis f. sp. tritici Supports Long-Term Clonality but also Reveals Cryptic Genetic Variation. Phytopathology, 2017, 107, 1032-1038.	2.2	11
118	Inheritance of seedling and adult plant resistance to leaf rust of selected Australian spring and English winter wheat varieties. Plant Breeding, 2001, 120, 503-507.	1.9	10
119	Detection and location of Lr11 and other leaf rust resistance genes in the durably resistant wheat cultivar Buck Poncho. Euphytica, 2015, 206, 135-147.	1.2	10
120	The genetic basis of resistance to barley grass yellow rust (Puccinia striiformis f. sp. pseudo-hordei) in Australian barley cultivars. Theoretical and Applied Genetics, 2015, 128, 187-197.	3.6	10
121	Rapid phenotyping of adult plant resistance in barley (Hordeum vulgare) to leaf rust under controlled conditions. Plant Breeding, 2019, 138, 51-61.	1.9	10
122	Preface to 'Global Landscapes in Cereal Rust Control'. Australian Journal of Agricultural Research, 2007, 58, 469.	1.5	10
123	Evaluation of seedling and adult plant resistance in European wheat cultivars to Australian isolates of Puccinia striiformis f. sp. tritici. Euphytica, 2008, 163, 283-301.	1.2	9
124	Genetic and molecular analyses of resistance to a variant of Puccinia striiformis in barley. Journal of Applied Genetics, 2013, 54, 1-9.	1.9	9
125	Temperatureâ€sensitive wheat stem rust resistance gene Sr15 is effective against Puccinia graminis f. sp. tritici race TTKSK. Plant Pathology, 2019, 68, 143-151.	2.4	9
126	Stem rust: its history in Kenya and research to combat a global wheat threat. Canadian Journal of Plant Pathology, 2021, 43, S275-S297.	1.4	9

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127	Puccinia graminis. , 2014, , 177-196.		9
128	The use of microsatellite polymorphisms to characterise and compare genetic variability in Avena strigosa and A. barbata. Genetic Resources and Crop Evolution, 2013, 60, 1153-1163.	1.6	8
129	PCR-based simple sequence repeat markers for diagnostic identification of major clonal lineages of Puccinia striiformis f. sp. tritici and related stripe rust pathogens in Australia. Australasian Plant Pathology, 2015, 44, 97-103.	1.0	8
130	Isolate Specificity and Polygenic Inheritance of Resistance in Barley to the Heterologous Rust Pathogen Puccinia graminis f. sp. avenae. Phytopathology, 2016, 106, 1029-1037.	2.2	8
131	Development, characterization and application of genomic <scp>SSR</scp> markers for the oat stem rust pathogen Puccinia graminis f. sp. avenae. Plant Pathology, 2018, 67, 457-466.	2.4	8
132	Isolation and characterization of microsatellite markers for the causal agent of barley leaf rust, Puccinia hordei. Australasian Plant Pathology, 2014, 43, 47-52.	1.0	7
133	Investigating successive Australian barley breeding populations for stable resistance to leaf rust. Theoretical and Applied Genetics, 2017, 130, 2463-2477.	3.6	7
134	Isolate Specificity and Polygenic Inheritance of Resistance in Barley to Diverse Heterologous Puccinia striiformis Isolates. Phytopathology, 2018, 108, 617-626.	2.2	7
135	Bivariate analysis of barley scald resistance with relative maturity reveals a new major QTL on chromosome 3H. Scientific Reports, 2019, 9, 20263.	3.3	7
136	Assessing new SSR markers for utility and informativeness in genetic studies of brown rust fungi on wheat, triticale, and rye. Plant Pathology, 2021, 70, 1110-1122.	2.4	7
137	Pathogenic specialisation of Puccinia graminis on winter cereals and grasses in Australia in 1990 and 1991. Australasian Plant Pathology, 1996, 25, 135.	1.0	6
138	The genetic relationship between barley leaf rust resistance genes located on chromosome 2HS. Euphytica, 2015, 203, 211-220.	1.2	6
139	Carotenoid biosynthesis and the evolution of carotenogenesis genes in rust fungi. Fungal Biology, 2021, 125, 400-411.	2.5	6
140	Mining Middle Eastern and Central Asian Barley Germplasm to Understand Diversity for Resistance to Puccinia hordei, Causal Agent of Leaf Rust. Agronomy, 2021, 11, 2146.	3.0	6
141	The effects of temperature and light on interactions between Puccinia coronata f. sp. avenae and Avena spp. Australasian Plant Pathology, 2002, 31, 185.	1.0	5
142	Assessing the vulnerability of wheat germplasm from Bangladesh and Nepal to Ug99 stem rust. Phytoparasitica, 2015, 43, 637-645.	1.2	5
143	Mapping of seedling resistance in barley to Puccinia striiformis f. sp. pseudohordei. Journal of Applied Genetics, 2016, 57, 37-44.	1.9	5
144	Genetic analysis of seedling resistance to crown rust in five diploid oat (Avena strigosa) accessions. Journal of Applied Genetics, 2016, 57, 27-36.	1.9	5

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145	Integrated Analysis of Gene Expression, SNP, InDel, and CNV Identifies Candidate Avirulence Genes in Australian Isolates of the Wheat Leaf Rust Pathogen Puccinia triticina. Genes, 2020, 11, 1107.	2.4	5
146	Understanding the expression and interaction of Rph genes conferring seedling and adult plant resistance to Puccinia hordei in barley. Canadian Journal of Plant Pathology, 2021, 43, S218-S226.	1.4	5
147	Both Constitutive and Infection-Responsive Secondary Metabolites Linked to Resistance against Austropuccinia psidii (Myrtle Rust) in Melaleuca quinquenervia. Microorganisms, 2022, 10, 383.	3.6	5
148	Sexual reproduction is the null hypothesis for life cycles of rust fungi. PLoS Pathogens, 2022, 18, e1010439.	4.7	5
149	Breeding oat for resistance to the crown rust pathogen Puccinia coronata f. sp. avenae: achievements and prospects. Theoretical and Applied Genetics, 2022, 135, 3709-3734.	3.6	5
150	CHALLENGES AND PROSPECTS OF WHEAT PRODUCTION IN BHUTAN: A REVIEW. Experimental Agriculture, 2018, 54, 428-442.	0.9	4
151	Occurrence and identity of Puccinia graminis on wheat, barley, andgrasses in Australia during summer - autumn 1992-93. Australian Journal of Agricultural Research, 1997, 48, 999.	1.5	4
152	The expression and genetics of resistance to stripe (yellow) rust in three European and four New Zealand wheat cultivars. Journal of Applied Genetics, 2007, 48, 199-210.	1.9	3
153	Dynamics of Cropâ€"Pathogen Interactions. , 2009, , 423-447.		3
154	Carotenoid complement of rust spores: Variation among species and pathotype. Phytochemistry, 2019, 161, 139-148.	2.9	3
155	Pathogenic and genetic diversity in Puccinia hordei Otth in Australasia. Journal of Plant Breeding and Crop Science, 2016, 8, 197-205.	0.8	2
156	Identification and mapping of resistance to stem rust in the European winter wheat cultivars Spark and Rialto. Molecular Breeding, 2016, 36, 1.	2.1	2
157	Draft Genome Sequence of the Fungus Lecanicillium psalliotae Strain HWLR35, Isolated from a Wheat Leaf Infected with Leaf Rust (Caused by Puccinia triticina). Genome Announcements, 2018, 6, .	0.8	2
158	Pathogenic and genetic diversity of Puccinia triticina from triticale in Poland between 2012 and 2015. Plant Pathology, 2021, 70, 2148.	2.4	2
159	A pictorial disease assessment scale for assessing wheat stripe rust at adult plant growth stage. Australasian Plant Pathology, 2022, 51, 27-29.	1.0	2
160	Recent pathotype development of New Zealand cereal rust populations. New Zealand Plant Protection, 0, 71, 314-324.	0.3	2
161	Characterization of leaf rust resistance in international barley nurseries. Journal of Plant Breeding and Crop Science, 2016, 8, 117-125.	0.8	1
162	Genetic analysis and molecular mapping of resistance to Puccinia striiformis f. sp. pseudoâ€hordei in common wheat. Plant Pathology, 2017, 66, 285-292.	2.4	1

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163	Dedication to Robert Alexander McIntosh. Australian Journal of Agricultural Research, 2007, 58, 467.	1.5	1
164	Robert Alexander McIntosh Officer of the Order Of Australia (AO). Cereal Research Communications, 2009, 37, 623-626.	1.6	0