

Robert F Park

List of Publications by Year in descending order

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164
papers

7,347
citations

61945

43
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71651

76
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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. <i>Nature Plants</i> , 2018, 4, 23-29. | 4.7 | 770 |
| 2 | Obligate biotrophy features unraveled by the genomic analysis of rust fungi. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 9166-9171. | 3.3 | 640 |
| 3 | Global status of wheat leaf rust caused by <i>Puccinia triticina</i> . <i>Euphytica</i> , 2011, 179, 143-160. | 0.6 | 410 |
| 4 | The wheat Sr50 gene reveals rich diversity at a cereal disease resistance locus. <i>Nature Plants</i> , 2015, 1, 15186. | 4.7 | 209 |
| 5 | Prospects of doubling global wheat yields. <i>Food and Energy Security</i> , 2013, 2, 34-48. | 2.0 | 207 |
| 6 | Research investment implications of shifts in the global geography of wheat stripe rust. <i>Nature Plants</i> , 2015, 1, 15132. | 4.7 | 207 |
| 7 | Loss of <i>AvrSr50</i> by somatic exchange in stem rust leads to virulence for <i>Sr50</i> resistance in wheat. <i>Science</i> , 2017, 358, 1607-1610. | 6.0 | 206 |
| 8 | A Near-Complete Haplotype-Phased Genome of the Dikaryotic Wheat Stripe Rust Fungus <i>Puccinia striiformis</i> f. sp. <i>tritici</i> Reveals High Interhaplotype Diversity. <i>MBio</i> , 2018, 9, . | 1.8 | 112 |
| 9 | Stem rust of wheat in Australia. <i>Australian Journal of Agricultural Research</i> , 2007, 58, 558. | 1.5 | 110 |
| 10 | Right-Sizing Stem-Rust Research. <i>Science</i> , 2013, 340, 147-148. | 6.0 | 104 |
| 11 | Somatic Hybridization in the Uredinales. <i>Annual Review of Phytopathology</i> , 2012, 50, 219-239. | 3.5 | 103 |
| 12 | Comparative genomics of Australian isolates of the wheat stem rust pathogen <i>Puccinia graminis</i> f. sp. <i>tritici</i> reveals extensive polymorphism in candidate effector genes. <i>Frontiers in Plant Science</i> , 2014, 5, 759. | 1.7 | 98 |
| 13 | Evaluation of seedling and adult plant resistance to leaf rust in European wheat cultivars. <i>Euphytica</i> , 2006, 149, 327-342. | 0.6 | 96 |
| 14 | Distribution of Pathotypes with Regard to Host Cultivars in French Wheat Leaf Rust Populations. <i>Phytopathology</i> , 2006, 96, 264-273. | 1.1 | 90 |
| 15 | Mapping Rph20: a gene conferring adult plant resistance to <i>Puccinia hordei</i> in barley. <i>Theoretical and Applied Genetics</i> , 2011, 123, 55-68. | 1.8 | 89 |
| 16 | Breeding cereals for rust resistance in Australia. <i>Plant Pathology</i> , 2008, 57, 591-602. | 1.2 | 87 |
| 17 | Characterization of two new <i>Puccinia graminis</i> f. sp. <i>tritici</i> races within the Ug99 lineage in South Africa. <i>Euphytica</i> , 2011, 179, 119-127. | 0.6 | 84 |
| 18 | <i>Mycosphaerella nubilosa</i> , a synonym of <i>M. molleriana</i> . <i>Mycological Research</i> , 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. | 3.5 | 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 <i>Puccinia recondita</i> f. sp. <i>tritici</i> , the leaf rust pathogen of wheat. Mycological Research, 1999, 103, 715-723. | 2.5 | 76 |
| 22 | <i>Puccinia coronata</i> f. sp. <i>avenae</i> : a threat to global oat production. Molecular Plant Pathology, 2018, 19, 1047-1060. | 2.0 | 75 |
| 23 | International surveillance of wheat rust pathogens: progress and challenges. Euphytica, 2011, 179, 109-117. | 0.6 | 74 |
| 24 | Characterization and mapping of gene Rph19 conferring resistance to <i>Puccinia hordei</i> in the cultivar 'Reka 1' and several Australian barleys. Plant Breeding, 2002, 121, 232-236. | 1.0 | 72 |
| 25 | Discovery, characterisation and mapping of wheat leaf rust resistance gene Lr71. Euphytica, 2013, 190, 131-136. | 0.6 | 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 <i>Puccinia triticina</i> in common wheat. Theoretical and Applied Genetics, 2014, 127, 2041-2049. | 1.8 | 67 |
| 28 | Three <i>Mycosphaerella</i> 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. | 1.8 | 59 |
| 30 | Permanent Genetic Resources added to Molecular Ecology Resources Database 1 February 2013–31 March 2013. Molecular Ecology Resources, 2013, 13, 760-762. | 2.2 | 58 |
| 31 | <i>De Novo</i> Assembly and Phasing of Dikaryotic Genomes from Two Isolates of <i>Puccinia coronata</i> f. sp. <i>avenae</i> , the Causal Agent of Oat Crown Rust. MBio, 2018, 9, . | 1.8 | 57 |
| 32 | Pathogenic Specialization and Pathotype Distribution of <i>Puccinia hordei</i> in Australia, 1992 to 2001. Plant Disease, 2003, 87, 1311-1316. | 0.7 | 56 |
| 33 | Relationship between wheat rust resistance genes <i>Yr1</i> and <i>Sr48</i> and a microsatellite marker. Plant Pathology, 2009, 58, 1039-1043. | 1.2 | 56 |
| 34 | The <i>Lr34</i> adult plant rust resistance gene provides seedling resistance in durum wheat without senescence. Plant Biotechnology Journal, 2017, 15, 894-905. | 4.1 | 56 |
| 35 | Complementary resistance genes in wheat selection 'Avocet R' confer resistance to stripe rust. Theoretical and Applied Genetics, 2016, 129, 65-76. | 1.8 | 54 |
| 36 | Detection and occurrence of a new pathotype of <i>Puccinia triticina</i> 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 <i>Rph1</i> , Confers Leaf Rust Resistance in Barley Cultivar Sudan. <i>Plant Physiology</i> , 2019, 179, 1362-1372. | 2.3 | 53 |
| 38 | Molecular genetic variability of Australian isolates of five cereal rust pathogens. <i>Mycological Research</i> , 2003, 107, 545-556. | 2.5 | 51 |
| 39 | Comparative Genomics Integrated with Association Analysis Identifies Candidate Effector Genes Corresponding to Lr20 in Phenotype-Paired <i>Puccinia triticina</i> Isolates from Australia. <i>Frontiers in Plant Science</i> , 2017, 8, 148. | 1.7 | 49 |
| 40 | Postulation of leaf (brown) rust resistance genes in 70 wheat cultivars grown in the United Kingdom. <i>Euphytica</i> , 2001, 120, 205-218. | 0.6 | 48 |
| 41 | Evaluation of seedling and adult plant resistance to stem rust in European wheat cultivars. <i>Euphytica</i> , 2007, 155, 87-105. | 0.6 | 48 |
| 42 | Infection of <i>Brachypodium distachyon</i> with Selected Grass Rust Pathogens. <i>Molecular Plant-Microbe Interactions</i> , 2013, 26, 946-957. | 1.4 | 47 |
| 43 | Further <i>Mycosphaerella</i> species causing leaf diseases of Eucalyptus. <i>Transactions of the British Mycological Society</i> , 1984, 83, 93-105. | 0.6 | 46 |
| 44 | Molecular genetics of leaf rust resistance in wheat and barley. <i>Theoretical and Applied Genetics</i> , 2020, 133, 2035-2050. | 1.8 | 46 |
| 45 | Resistance of European winter wheat germplasm to leaf rust. <i>Agronomy for Sustainable Development</i> , 2000, 20, 783-792. | 0.8 | 46 |
| 46 | Changing the Game: Using Integrative Genomics to Probe Virulence Mechanisms of the Stem Rust Pathogen <i>Puccinia graminis</i> f. sp. <i>tritici</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 205. | 1.7 | 45 |
| 47 | Characterization of <i>Rph24</i> : A Gene Conferring Adult Plant Resistance to <i>Puccinia hordei</i> in Barley. <i>Phytopathology</i> , 2017, 107, 834-841. | 1.1 | 45 |
| 48 | Wheat stem rust in Australia dash 1969-1985. <i>Australian Journal of Agricultural Research</i> , 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. <i>Molecular Breeding</i> , 2017, 37, 1. | 1.0 | 44 |
| 50 | Evolutionary history shapes the susceptibility of an island tree flora to an exotic pathogen. <i>Forest Ecology and Management</i> , 2016, 368, 183-193. | 1.4 | 41 |
| 51 | <i>Rph23</i> : A new designated additive adult plant resistance gene to leaf rust in barley on chromosome 7H. <i>Plant Breeding</i> , 2015, 134, 62-69. | 1.0 | 39 |
| 52 | A recombined Sr26 and Sr61 disease resistance gene stack in wheat encodes unrelated NLR genes. <i>Nature Communications</i> , 2021, 12, 3378. | 5.8 | 39 |
| 53 | Epidemiology of <i>Mycosphaerella nubilosa</i> and <i>M. cryptica</i> on Eucalyptus spp. in South-eastern Australia. <i>Transactions of the British Mycological Society</i> , 1988, 91, 261-266. | 0.6 | 38 |
| 54 | Effect of certain host, inoculum, and environmental factors on infection of Eucalyptus species by two <i>Mycosphaerella</i> species. <i>Transactions of the British Mycological Society</i> , 1988, 90, 221-228. | 0.6 | 38 |

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|----|---|-----|-----------|
| 55 | Evaluation of seedling and adult plant resistance to <i>Puccinia hordei</i> in barley. <i>Euphytica</i> , 2009, 166, 183-197. | 0.6 | 38 |
| 56 | Genetic mapping of seedling and adult plant stem rust resistance in two European winter wheat cultivars. <i>Euphytica</i> , 2008, 164, 821-828. | 0.6 | 37 |
| 57 | Population Structure of <i>Puccinia recondita</i> in Western Europe During 1995, as Assessed by Variability in Pathogenicity and Molecular Markers. <i>Journal of Phytopathology</i> , 2000, 148, 169-179. | 0.5 | 36 |
| 58 | Microsatellite Analysis and Urediniospore Dispersal Simulations Support the Movement of <i>Puccinia graminis</i> f. sp. <i>tritici</i> from Southern Africa to Australia. <i>Phytopathology</i> , 2019, 109, 133-144. | 1.1 | 36 |
| 59 | Genetic Diversity in Australian Populations of <i>Puccinia graminis</i> f. sp. <i>avenae</i> . <i>Phytopathology</i> , 2006, 96, 96-104. | 1.1 | 35 |
| 60 | Surveillance for azole resistance in clinical and environmental isolates of <i>Aspergillus fumigatus</i> in Australia and <i>cyp51A</i> homology modelling of azole-resistant isolates. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 2347-2351. | 1.3 | 35 |
| 61 | Wheat leaf rust resistance gene <i>Lr13</i> is a specific <i>Ne2</i> allele for hybrid necrosis. <i>Molecular Plant</i> , 2021, 14, 1025-1028. | 3.9 | 34 |
| 62 | Physiological specialization and pathotype distribution of <i>Puccinia recondita</i> in western Europe, 1995. <i>Plant Pathology</i> , 1998, 47, 157-164. | 1.2 | 33 |
| 63 | Aberrant mRNA Processing of the Maize <i>Rp1-D</i> Rust Resistance Gene in Wheat and Barley. <i>Molecular Plant-Microbe Interactions</i> , 2004, 17, 853-864. | 1.4 | 31 |
| 64 | Characterisation of wheat leaf rust resistance gene <i>Lr34</i> in Australian wheats using components of resistance and the linked molecular marker <i>csLV34</i> . <i>Australian Journal of Agricultural Research</i> , 2007, 58, 1106. | 1.5 | 31 |
| 65 | Inheritance and molecular mapping of a gene conferring seedling resistance against <i>Puccinia hordei</i> in the barley cultivar Ricardo. <i>Theoretical and Applied Genetics</i> , 2012, 125, 1403-1411. | 1.8 | 31 |
| 66 | Title is missing!. <i>Euphytica</i> , 2001, 122, 113-127. | 0.6 | 30 |
| 67 | Genetic relationship between the adult plant resistance gene <i>Lr12</i> and the complementary gene <i>Lr31</i> for seedling resistance to leaf rust in common wheat. <i>Plant Pathology</i> , 1999, 48, 567-573. | 1.2 | 29 |
| 68 | Exploring and exploiting the boundaries of host specificity using the cereal rust and mildew models. <i>New Phytologist</i> , 2018, 218, 453-462. | 3.5 | 29 |
| 69 | Pathogenic Specialisation of Wheat Rusts in Australia and New Zealand in 1988 and 1989.. <i>Australasian Plant Pathology</i> , 1992, 21, 61. | 0.5 | 28 |
| 70 | Inheritance and characterization of the new and rare gene <i>Rph25</i> conferring seedling resistance in <i>Hordeum vulgare</i> against <i>Puccinia hordei</i> . <i>Plant Breeding</i> , 2017, 136, 908-912. | 1.0 | 28 |
| 71 | Molecular mapping of leaf rust resistance gene <i>Rph14</i> in <i>Hordeum vulgare</i> . <i>Theoretical and Applied Genetics</i> , 2009, 119, 1281-1288. | 1.8 | 26 |
| 72 | Expression of adult plant resistance and its effect on the development of <i>Puccinia striiformis</i> f.sp. <i>tritici</i> in some Australian wheat cultivars. <i>Plant Pathology</i> , 1989, 38, 200-208. | 1.2 | 25 |

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|----|---|-----|-----------|
| 73 | A curious case of resistance to a new encounter pathogen: myrtle rust in Australia. <i>Molecular Plant Pathology</i> , 2016, 17, 783-788. | 2.0 | 25 |
| 74 | <i>De Novo</i> Genome Assembly and Comparative Genomics of the Barley Leaf Rust Pathogen <i>Puccinia hordei</i> Identifies Candidates for Three Avirulence Genes. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 3263-3271. | 0.8 | 25 |
| 75 | Cytogenetics in the age of molecular genetics. <i>Australian Journal of Agricultural Research</i> , 2007, 58, 498. | 1.5 | 24 |
| 76 | BED domain-containing NLR from wild barley confers resistance to leaf rust. <i>Plant Biotechnology Journal</i> , 2021, 19, 1206-1215. | 4.1 | 24 |
| 77 | The role of temperature and rainfall in the epidemiology of <i>Puccinia striiformis</i> f.sp. <i>tritici</i> in the summer rainfall area of eastern Australia. <i>Plant Pathology</i> , 1990, 39, 416-423. | 1.2 | 23 |
| 78 | Inheritance and QTL mapping of leaf rust resistance in the European winter wheat cultivar "Beaver". <i>Euphytica</i> , 2009, 169, 253-261. | 0.6 | 23 |
| 79 | Long-Read-Based de novo Genome Assembly and Comparative Genomics of the Wheat Leaf Rust Pathogen <i>Puccinia triticina</i> Identifies Candidates for Three Avirulence Genes. <i>Frontiers in Genetics</i> , 2020, 11, 521. | 1.1 | 23 |
| 80 | Effects of temperature on the response of some Australian wheat cultivars to <i>Puccinia striiformis</i> f. sp. <i>tritici</i> . <i>Mycological Research</i> , 1992, 96, 166-170. | 2.5 | 22 |
| 81 | <i>Austropuccinia psidii</i> , causing myrtle rust, has a gigabase-sized genome shaped by transposable elements. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, . | 0.8 | 22 |
| 82 | Pathogenic specialisation of <i>Puccinia recondita</i> f. sp. <i>tritici</i> in Australia and New Zealand in 1990 and 1991. <i>Australasian Plant Pathology</i> , 1996, 25, 12. | 0.5 | 21 |
| 83 | Title is missing!. <i>Australasian Plant Pathology</i> , 2001, 30, 259. | 0.5 | 21 |
| 84 | Mapping Quantitative Trait Loci for Partial Resistance to Powdery Mildew in an Australian Barley Population. <i>Crop Science</i> , 2012, 52, 1021-1032. | 0.8 | 21 |
| 85 | Characterization and mapping of <i>Lr65</i> in spelt wheat "Altgold Rotkorn". <i>Plant Breeding</i> , 2012, 131, 252-257. | 1.0 | 21 |
| 86 | Simple sequence repeats in <i>Puccinia graminis</i> : abundance, cross-formae speciales and intra-species utility, and development of novel markers. <i>Australasian Plant Pathology</i> , 2013, 42, 271-281. | 0.5 | 20 |
| 87 | Simple sequence repeat markers support the presence of a single genotype of <i>Puccinia psidii</i> in Australia. <i>Plant Pathology</i> , 2016, 65, 1084-1094. | 1.2 | 20 |
| 88 | Resistance in Australian barley (<i>Hordeum vulgare</i>) germplasm to the exotic pathogen <i>Puccinia striiformis</i> f. sp. <i>hordei</i> , causal agent of stripe rust. <i>Plant Pathology</i> , 2016, 65, 734-743. | 1.2 | 20 |
| 89 | Pathogenic specialization of <i>Puccinia hordei</i> Otth. in Australia, 1966-1990. <i>Australian Journal of Agricultural Research</i> , 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 <i>Puccinia striiformis</i> . <i>Molecular Ecology</i> , 2021, 30, 6566-6584. | 2.0 | 19 |

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|-----|--|-----|-----------|
| 91 | Inheritance and Characterization of Rph27: A Third Race-Specific Resistance Gene in the Barley Cultivar Quinn. <i>Phytopathology</i> , 2020, 110, 1067-1073. | 1.1 | 18 |
| 92 | Some effects of stripe rust infection in wheats with adult plant resistance. <i>Australian Journal of Agricultural Research</i> , 1988, 39, 555. | 1.5 | 18 |
| 93 | Discovery of the New Leaf Rust Resistance Gene Lr82 in Wheat: Molecular Mapping and Marker Development. <i>Genes</i> , 2022, 13, 964. | 1.0 | 18 |
| 94 | Cytogenetic studies in wheat XIX. Chromosome location and linkage studies of a gene for leaf rust resistance in the Australian cultivar 'Harrier'. <i>Plant Breeding</i> , 2001, 120, 7-12. | 1.0 | 17 |
| 95 | Seedling resistances to rust diseases in international triticale germplasm. <i>Crop and Pasture Science</i> , 2010, 61, 1036. | 0.7 | 17 |
| 96 | Identification and characterization of seedling and adult plant resistance to <i>Puccinia hordei</i> in Chinese barley germplasm. <i>Plant Breeding</i> , 2013, 132, 571-579. | 1.0 | 17 |
| 97 | Genetic mapping of a new race specific resistance allele effective to <i>Puccinia hordei</i> at the Rph9/Rph12 locus on chromosome 5HL in barley. <i>BMC Plant Biology</i> , 2014, 14, 1598. | 1.6 | 17 |
| 98 | Seedling resistance to <i>Puccinia coronata</i> f. sp. <i>avenae</i> in <i>Avena strigosa</i> , <i>A. barbata</i> and <i>A. sativa</i> . <i>Euphytica</i> , 2014, 196, 385-395. | 0.6 | 17 |
| 99 | De Novo Transcriptome Study Identifies Candidate Genes Involved in Resistance to <i>Austropuccinia psidii</i> (Myrtle Rust) in <i>Syzygium luehmannii</i> (Riberry). <i>Phytopathology</i> , 2018, 108, 627-640. | 1.1 | 17 |
| 100 | Components of <i>Brachypodium distachyon</i> resistance to nonadapted wheat stripe rust pathogens are simply inherited. <i>PLoS Genetics</i> , 2018, 14, e1007636. | 1.5 | 17 |
| 101 | Genetic analysis of adult plant resistance to <i>Puccinia hordei</i> in barley. <i>Plant Breeding</i> , 2010, 129, 162-166. | 1.0 | 16 |
| 102 | Fine mapping of leaf rust resistance gene Rph13 from wild barley. <i>Theoretical and Applied Genetics</i> , 2020, 133, 1887-1895. | 1.8 | 16 |
| 103 | Spore production by <i>Mycosphaerella</i> species causing leaf diseases of Eucalyptus. <i>Transactions of the British Mycological Society</i> , 1987, 89, 461-470. | 0.6 | 15 |
| 104 | Analysis of Stem Rust Resistance in Australian Barley Cultivars. <i>Plant Disease</i> , 2014, 98, 1485-1493. | 0.7 | 15 |
| 105 | Identification of new sources of adult plant resistance to <i>Puccinia hordei</i> in international barley (<i>Hordeum vulgare</i> L.) germplasm. <i>European Journal of Plant Pathology</i> , 2015, 141, 463-476. | 0.8 | 15 |
| 106 | Carotenoid pigments in rust fungi: Extraction, separation, quantification and characterisation. <i>Fungal Biology Reviews</i> , 2018, 32, 166-180. | 1.9 | 15 |
| 107 | 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 |
| 108 | A strategy for identifying markers linked with stem rust resistance in wheat harbouring an alien chromosome introgression from a non-sequenced genome. <i>Theoretical and Applied Genetics</i> , 2019, 132, 125-135. | 1.8 | 14 |

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|-----|--|-----|-----------|
| 109 | Identification and genetic characterisation of adult plant resistance to crown rust in diploid and tetraploid accessions of <i>Avena</i> . <i>Annals of Applied Biology</i> , 2011, 159, 220-228. | 1.3 | 13 |
| 110 | Inheritance of Prehaustorial Resistance to <i>Puccinia graminis</i> f. sp. <i>avenae</i> in Barley (<i>Hordeum vulgare</i> L.). <i>Molecular Plant-Microbe Interactions</i> , 2014, 27, 1253-1262. | 1.4 | 13 |
| 111 | Characterising seedling and adult plant resistance to <i>Puccinia hordei</i> in <i>Hordeum vulgare</i> . <i>Annals of Applied Biology</i> , 2014, 165, 117-129. | 1.3 | 12 |
| 112 | A Chromosome-Scale Assembly of the Wheat Leaf Rust Pathogen <i>Puccinia triticina</i> Provides Insights Into Structural Variations and Genetic Relationships With Haplotype Resolution. <i>Frontiers in Microbiology</i> , 2021, 12, 704253. | 1.5 | 12 |
| 113 | The barley leaf rust resistance gene <i>Rph3</i> encodes a predicted membrane protein and is induced upon infection by avirulent pathotypes of <i>Puccinia hordei</i> . <i>Nature Communications</i> , 2022, 13, 2386. | 5.8 | 12 |
| 114 | Pathogenic and molecular variation support the presence of genetically distinct clonal lineages in Australian populations of <i>Puccinia graminis</i> f. sp. <i>avenae</i> . <i>Mycological Research</i> , 2008, 112, 663-673. | 2.5 | 11 |
| 115 | Hybrids of <i>Avena sativa</i> with two diploid wild oats (Clav6956) and (Clav7233) resistant to crown rust. <i>Euphytica</i> , 2010, 174, 189-198. | 0.6 | 11 |
| 116 | Resistance to <i>Puccinia graminis</i> f. sp. <i>avenae</i> in Barley Is Associated with the <i>Rpg5</i> Locus. <i>Phytopathology</i> , 2015, 105, 490-494. | 1.1 | 11 |
| 117 | Molecular Characterization of Australian Isolates of <i>Puccinia graminis</i> f. sp. <i>tritici</i> Supports Long-Term Clonality but also Reveals Cryptic Genetic Variation. <i>Phytopathology</i> , 2017, 107, 1032-1038. | 1.1 | 11 |
| 118 | Inheritance of seedling and adult plant resistance to leaf rust of selected Australian spring and English winter wheat varieties. <i>Plant Breeding</i> , 2001, 120, 503-507. | 1.0 | 10 |
| 119 | Detection and location of <i>Lr11</i> and other leaf rust resistance genes in the durably resistant wheat cultivar Buck Poncho. <i>Euphytica</i> , 2015, 206, 135-147. | 0.6 | 10 |
| 120 | The genetic basis of resistance to barley grass yellow rust (<i>Puccinia striiformis</i> f. sp. <i>pseudo-hordei</i>) in Australian barley cultivars. <i>Theoretical and Applied Genetics</i> , 2015, 128, 187-197. | 1.8 | 10 |
| 121 | Rapid phenotyping of adult plant resistance in barley (<i>Hordeum vulgare</i>) to leaf rust under controlled conditions. <i>Plant Breeding</i> , 2019, 138, 51-61. | 1.0 | 10 |
| 122 | Preface to 'Global Landscapes in Cereal Rust Control'. <i>Australian Journal of Agricultural Research</i> , 2007, 58, 469. | 1.5 | 10 |
| 123 | Evaluation of seedling and adult plant resistance in European wheat cultivars to Australian isolates of <i>Puccinia striiformis</i> f. sp. <i>tritici</i> . <i>Euphytica</i> , 2008, 163, 283-301. | 0.6 | 9 |
| 124 | Genetic and molecular analyses of resistance to a variant of <i>Puccinia striiformis</i> in barley. <i>Journal of Applied Genetics</i> , 2013, 54, 1-9. | 1.0 | 9 |
| 125 | Temperature-sensitive wheat stem rust resistance gene <i>Sr15</i> is effective against <i>Puccinia graminis</i> f. sp. <i>tritici</i> race TTKSK. <i>Plant Pathology</i> , 2019, 68, 143-151. | 1.2 | 9 |
| 126 | Stem rust: its history in Kenya and research to combat a global wheat threat. <i>Canadian Journal of Plant Pathology</i> , 2021, 43, S275-S297. | 0.8 | 9 |

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|-----|--|-----|-----------|
| 127 | <i>Puccinia graminis</i> . , 2014, , 177-196. | | 9 |
| 128 | The use of microsatellite polymorphisms to characterise and compare genetic variability in <i>Avena strigosa</i> and <i>A. barbata</i> . <i>Genetic Resources and Crop Evolution</i> , 2013, 60, 1153-1163. | 0.8 | 8 |
| 129 | PCR-based simple sequence repeat markers for diagnostic identification of major clonal lineages of <i>Puccinia striiformis</i> f. sp. <i>tritici</i> and related stripe rust pathogens in Australia. <i>Australasian Plant Pathology</i> , 2015, 44, 97-103. | 0.5 | 8 |
| 130 | Isolate Specificity and Polygenic Inheritance of Resistance in Barley to the Heterologous Rust Pathogen <i>Puccinia graminis</i> f. sp. <i>avenae</i> . <i>Phytopathology</i> , 2016, 106, 1029-1037. | 1.1 | 8 |
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