

Andrew W Milgate

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/592375/publications.pdf>

Version: 2024-02-01

22
papers

614
citations

687363

13
h-index

677142

22
g-index

27
all docs

27
docs citations

27
times ranked

824
citing authors

#	ARTICLE	IF	CITATIONS
1	The discovery of the virulence gene <i>ToxA</i> in the wheat and barley pathogen <i>Bipolaris sorokiniana</i> . <i>Molecular Plant Pathology</i> , 2018, 19, 432-439.	4.2	122
2	Transposon-Mediated Horizontal Transfer of the Host-Specific Virulence Protein ToxA between Three Fungal Wheat Pathogens. <i>MBio</i> , 2019, 10, .	4.1	72
3	Rapid Parallel Evolution of Azole Fungicide Resistance in Australian Populations of the Wheat Pathogen <i>Zymoseptoria tritici</i> . <i>Applied and Environmental Microbiology</i> , 2019, 85, .	3.1	49
4	Selection for water-soluble carbohydrate accumulation and investigation of genetic-environment interactions in an elite wheat breeding population. <i>Theoretical and Applied Genetics</i> , 2017, 130, 2445-2461.	3.6	39
5	Molecular diversity and genetic structure of modern and traditional landrace cultivars of wheat (<i>Triticum aestivum</i> L.). <i>Crop and Pasture Science</i> , 2010, 61, 222.	1.5	34
6	Pathogen Detection and Microbiome Analysis of Infected Wheat Using a Portable DNA Sequencer. <i>Phytobiomes Journal</i> , 2019, 3, 92-101.	2.7	33
7	Genetic mapping of Stb19, a new resistance gene to <i>Zymoseptoria tritici</i> in wheat. <i>Theoretical and Applied Genetics</i> , 2018, 131, 2765-2773.	3.6	32
8	Durum wheat quality in high-input irrigation systems in south-eastern Australia. <i>Crop and Pasture Science</i> , 2014, 65, 411.	1.5	29
9	Utilizing Gene Tree Variation to Identify Candidate Effector Genes in <i>Zymoseptoria tritici</i> . <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 779-791.	1.8	24
10	Genome-Wide Associations for Water-Soluble Carbohydrate Concentration and Relative Maturity in Wheat Using SNP and DArT Marker Arrays. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 2821-2830.	1.8	22
11	Remarkable recent changes in the genetic diversity of the avirulence gene <i>AvrStb6</i> in global populations of the wheat pathogen <i>Zymoseptoria tritici</i> . <i>Molecular Plant Pathology</i> , 2021, 22, 1121-1133.	4.2	22
12	The complex genomic basis of rapid convergent adaptation to pesticides across continents in a fungal plant pathogen. <i>Molecular Ecology</i> , 2021, 30, 5390-5405.	3.9	17
13	The identification of a transposon affecting the asexual reproduction of the wheat pathogen <i>Zymoseptoria tritici</i> . <i>Molecular Plant Pathology</i> , 2021, 22, 800-816.	4.2	17
14	Indirect selection using reference and probe genotype performance in multi-environment trials. <i>Crop and Pasture Science</i> , 2011, 62, 313.	1.5	15
15	Genetic structure of a <i>Mycosphaerella cryptica</i> population. <i>Australasian Plant Pathology</i> , 2005, 34, 345.	1.0	14
16	Accounting for Genotype-by-Environment Interactions and Residual Genetic Variation in Genomic Selection for Water-Soluble Carbohydrate Concentration in Wheat. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 1909-1919.	1.8	12
17	Occurrence of Winter Cereal Viruses in New South Wales, Australia, 2006 to 2014. <i>Plant Disease</i> , 2016, 100, 313-317.	1.4	11
18	Recent insights into barley and <i>Rhynchosporium commune</i> interactions. <i>Molecular Plant Pathology</i> , 2020, 21, 1111-1128.	4.2	11

#	ARTICLE	IF	CITATIONS
19	First Report of Resistance to DMI Fungicides in Australian Populations of the Wheat Pathogen <i>Zymoseptoria tritici</i> . <i>Plant Disease</i> , 2016, 100, 522-522.	1.4	10
20	Next-generation re-sequencing as a tool for rapid bioinformatic screening of presence and absence of genes and accessory chromosomes across isolates of <i>Zymoseptoria tritici</i> . <i>Fungal Genetics and Biology</i> , 2015, 79, 71-75.	2.1	7
21	Bivariate analysis of barley scald resistance with relative maturity reveals a new major QTL on chromosome 3H. <i>Scientific Reports</i> , 2019, 9, 20263.	3.3	7
22	Genetic improvement of triticale for irrigated systems in south-eastern Australia: a study of genotype and genotype–environment interactions. <i>Crop and Pasture Science</i> , 2015, 66, 782.	1.5	3