Andrew W Milgate

List of Publications by Year
in descending order

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 complex genomic basis of rapid convergent adaptation to pesticides across continents in a fungal plant pathogen. Molecular Ecology, 2021, 30, 5390-5405.	3.9	17
2	The identification of a transposon affecting the asexual reproduction of the wheat pathogen Zymoseptoria tritici. Molecular Plant Pathology, 2021, 22, 800-816.	4.2	17
3	Remarkable recent changes in the genetic diversity of the avirulence gene AvrStb6 in global populations of the wheat pathogen Zymoseptoria tritici. Molecular Plant Pathology, 2021, 22, 1121-1133.	4.2	22
4	Recent insights into barley and Rhynchosporium commune interactions. Molecular Plant Pathology, 2020, 21, 1111-1128.	4.2	11
5	Transposon-Mediated Horizontal Transfer of the Host-Specific Virulence Protein ToxA between Three Fungal Wheat Pathogens. MBio, 2019, 10, .	4.1	72
6	Pathogen Detection and Microbiome Analysis of Infected Wheat Using a Portable DNA Sequencer. Phytobiomes Journal, 2019, 3, 92-101.	2.7	33
7	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
8	Rapid Parallel Evolution of Azole Fungicide Resistance in Australian Populations of the Wheat Pathogen Zymoseptoria tritici. Applied and Environmental Microbiology, 2019, 85, .	3.1	49
9	Accounting for Genotype-by-Environment Interactions and Residual Genetic Variation in Genomic Selection for Water-Soluble Carbohydrate Concentration in Wheat. G3: Genes, Genomes, Genetics, 2018, 8, 1909-1919.	1.8	12
10	The discovery of the virulence gene ToxA in the wheat and barley pathogen Bipolaris sorokiniana. Molecular Plant Pathology, 2018, 19, 432-439.	4.2	122
11	Genetic mapping of Stb19, a new resistance gene to Zymoseptoria tritici in wheat. Theoretical and Applied Genetics, 2018, 131, 2765-2773.	3.6	32
12	Selection for water-soluble carbohydrate accumulation and investigation of geneticÂÃ—Âenvironment interactions in an elite wheat breeding population. Theoretical and Applied Genetics, 2017, 130, 2445-2461.	3.6	39
13	Genome-Wide Associations for Water-Soluble Carbohydrate Concentration and Relative Maturity in Wheat Using SNP and DArT Marker Arrays. G3: Genes, Genomes, Genetics, 2017, 7, 2821-2830.	1.8	22
14	Occurrence of Winter Cereal Viruses in New South Wales, Australia, 2006 to 2014. Plant Disease, 2016, 100, 313-317.	1.4	11
15	Utilizing Gene Tree Variation to Identify Candidate Effector Genes in Zymoseptoria tritici. G3: Genes, Genomes, Genetics, 2016, 6, 779-791.	1.8	24
16	First Report of Resistance to DMI Fungicides in Australian Populations of the Wheat Pathogen Zymoseptoria tritici. Plant Disease, 2016, 100, 522-522.	1.4	10
17	Genetic improvement of triticale for irrigated systems in south-eastern Australia: a study of genotype and genotypeÃ—environment interactions. Crop and Pasture Science, 2015, 66, 782.	1.5	3
18	Next-generation re-sequencing as a tool for rapid bioinformatic screening of presence and absence of genes and accessory chromosomes across isolates of Zymoseptoria tritici. Fungal Genetics and Biology, 2015, 79, 71-75.	2.1	7

#	Article	IF	Citations
19	Durum wheat quality in high-input irrigation systems in south-eastern Australia. Crop and Pasture Science, 2014, 65, 411.	1.5	29
20	Indirect selection using reference and probe genotype performance in multi-environment trials. Crop and Pasture Science, 2011, 62, 313.	1.5	15
21	Molecular diversity and genetic structure of modern and traditional landrace cultivars of wheat (Triticum aestivum L.). Crop and Pasture Science, 2010, 61, 222.	1.5	34
22	Genetic structure of aMycosphaerella crypticapopulation. Australasian Plant Pathology, 2005, 34, 345.	1.0	14