Christopher J Ridout

List of Publications by Year
in descending order

26 papers	4,070 citations	430874 18 h-index	552781 26 g-index
27 all docs	27 docs citations	27 times ranked	5522 citing authors

#	Article	IF	Citations
1	The transcriptional landscape of polyploid wheat. Science, 2018, 361, .	12.6	768
2	Genome Expansion and Gene Loss in Powdery Mildew Fungi Reveal Tradeoffs in Extreme Parasitism. Science, 2010, 330, 1543-1546.	12.6	725
3	HIGS: Host-Induced Gene Silencing in the Obligate Biotrophic Fungal Pathogen Blumeria graminis Â Â. Plant Cell, 2010, 22, 3130-3141.	6.6	663
4	Silencing of Aphid Genes by dsRNA Feeding from Plants. PLoS ONE, 2011, 6, e25709.	2.5	363
5	Plantâ€“pathogen interactions: disease resistance in modern agriculture. Trends in Genetics, 2013, 29, 233-240.	6.7	254
6	Multiple Avirulence Paralogues in Cereal Powdery Mildew Fungi May Contribute to Parasite Fitness and Defeat of Plant Resistance. Plant Cell, 2006, 18, 2402-2414.	6.6	245
7	Arabidopsis <scp>EF</scp>â€Tu receptor enhances bacterial disease resistance in transgenic wheat. New Phytologist, 2015, 206, 606-613.	7.3	150
8	The NLR-Annotator Tool Enables Annotation of the Intracellular Immune Receptor Repertoire. Plant Physiology, 2020, 183, 468-482.	4.8	147
9	Crystal structure of the di-haem cytochrome c peroxidase from Pseudomonas aeruginosa. Structure, 1995, 3, 1225-1233.	3.3	137
10	The recent history of Puccinia striiformis f.sp. tritici in Denmark as revealed by disease incidence and AFLP markers. Plant Pathology, 2002, 51, 13-23.	2.4	103
11	Trade-Offs in Arbuscular Mycorrhizal Symbiosis: Disease Resistance, Growth Responses and Perspectives for Crop Breeding. Agronomy, 2017, 7, 75.	3.0	98
12	Methods to Study PAMP-Triggered Immunity in Brassica Species. Molecular Plant-Microbe Interactions, 2014, 27, 286-295.	2.6	60
13	Coevolution between a Family of Parasite Virulence Effectors and a Class of LINE-1 Retrotransposons. PLoS ONE, 2009, 4, e7463.	2.5	60
14	Use of AFLP in cereals research. Trends in Plant Science, 1999, 4, 76-79.	8.8	58
15	A change in temperature modulates defence to yellow (stripe) rust in wheat line UC1041 independently of resistance gene Yr36. BMC Plant Biology, 2014, 14, 10.	3.6	41
16	Isogamous, hermaphroditic inheritance of mitochondrion-encoded resistance to Qo inhibitor fungicides in Blumeria graminis f. sp. tritici. Fungal Genetics and Biology, 2002, 36, 98-106.	2.1	31
17	Mildew Locus O facilitates colonization by arbuscular mycorrhizal fungi in angiosperms. New Phytologist, 2020, 227, 343-351.	7.3	26
18	Control of bottom rot disease of lettuce (Rhizoctonia solani) using preparations of Trichoderma viride, T. harzianum or tolclofos-methyl. Plant Pathology, 1991, 40, 359-366.	2.4	23

#	Article	IF	Citations
19	Nucleotide sequence encoding the di-haem cytochromec551peroxidase fromPseudomonas aeruginosa. FEBS Letters, 1995, 365, 152-154.	2.8	18
20	Microbial avirulence determinants: guided missiles or antigenic flak?. Molecular Plant Pathology, 2005, 6, 551-559.	4.2	18
21	Genetics of avirulence genes in Blumeria graminis f.sp. hordei and physical mapping of AVRa22 and AVRa12. Fungal Genetics and Biology, 2008, 45, 243-252.	2.1	17
22	Unmasking Mildew Resistance Locus O. Trends in Plant Science, 2021, 26, 1006-1013.	8.8	14
23	Detection of physically interacting proteins with the CC and NB-ARC domains of a putative yellow rust resistance protein, Yr10, in wheat. Journal of Plant Diseases and Protection, 2011, 118, 119-126.	2.9	9
24	Methods to Quantify PAMP-Triggered Oxidative Burst, MAP Kinase Phosphorylation, Gene Expression, and Lignification in Brassicas. Methods in Molecular Biology, 2017, 1578, 325-335.	0.9	8
25	Mapping of agronomic traits, disease resistance and malting quality in a wide cross of two-row barley cultivars. PLoS ONE, 2019, 14, e0219042.	2.5	8
26	Polypeptides Associated with Gliotoxin Production in the Biocontrol FungusGliocladium virens. Phytopathology, 1993, 83, 1040.	2.2	4