Mathias Choquer

List of Publications by Year
in descending order

21 papers	2,316 citations	567281 15 h-index	713466 21 g-index
22 all docs	22 docs citations	22 times ranked	2725 citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic Analysis of the Necrotrophic Fungal Pathogens Sclerotinia sclerotiorum and Botrytis cinerea. PLoS Genetics, 2011, 7, e1002230.	3.5	902
2	<i>Botrytis cinerea</i>virulence factors: new insights into a necrotrophic and polyphageous pathogen. FEMS Microbiology Letters, 2007, 277, 1-10.	1.8	392
3	Sesquiterpene Synthase from the Botrydial Biosynthetic Gene Cluster of the Phytopathogen <i>Botrytis cinerea</i>. ACS Chemical Biology, 2008, 3, 791-801.	3.4	161
4	The CTB1 Gene Encoding a Fungal Polyketide Synthase Is Required for Cercosporin Biosynthesis and Fungal Virulence of Cercospora nicotianae. Molecular Plant-Microbe Interactions, 2005, 18, 468-476.	2.6	117
5	Deletion of a MFS transporter-like gene inCercospora nicotianaereduces cercosporin toxin accumulation and fungal virulence. FEBS Letters, 2007, 581, 489-494.	2.8	103
6	Survey of the Botrytis cinerea chitin synthase multigenic family through the analysis of six euascomycetes genomes. FEBS Journal, 2004, 271, 2153-2164.	0.2	99
7	Botrytis cinerea virulence is drastically reduced after disruption of chitin synthase class III gene (Bcchs3a). Cellular Microbiology, 2006, 8, 1310-1321.	2.1	79
8	Analysis of the Molecular Dialogue Between Gray Mold (<i>Botrytis cinerea</i>) and Grapevine (<i>Vitis vinifera</i>) Reveals a Clear Shift in Defense Mechanisms During Berry Ripening. Molecular Plant-Microbe Interactions, 2015, 28, 1167-1180.	2.6	73
9	The Colletotrichum acutatum Gene Encoding a Putative pH-Responsive Transcription Regulator Is a Key Virulence Determinant During Fungal Pathogenesis on Citrus. Molecular Plant-Microbe Interactions, 2007, 20, 1149-1160.	2.6	68
10	<i>Ku70</i>or<i>Ku80</i>deficiencies in the fungus<i>Botrytis cinerea</i>facilitate targeting of genes that are hard to knock out in a wild-type context. FEMS Microbiology Letters, 2008, 289, 225-232.	1.8	64
11	The Homeobox BcHOX8 Gene in Botrytis Cinerea Regulates Vegetative Growth and Morphology. PLoS ONE, 2012, 7, e48134.	2.5	55
12	The infection cushion of <i>Botrytis cinerea</i>: a fungal â€˜weaponâ€™ of plantâ€biomass destruction. Environmental Microbiology, 2021, 23, 2293-2314.	3.8	48
13	Genome-wide analyses of chitin synthases identify horizontal gene transfers towards bacteria and allow a robust and unifying classification into fungi. BMC Evolutionary Biology, 2016, 16, 252.	3.2	43
14	Disruption of Bcchs4, Bcchs6 or Bcchs7 chitin synthase genes in Botrytis cinerea and the essential role of class VI chitin synthase (Bcchs6). Fungal Genetics and Biology, 2013, 52, 1-8.	2.1	27
15	A semi-quantitative RT-PCR method to readily compare expression levels within Botrytis cinerea multigenic families in vitro and in planta. Current Genetics, 2003, 43, 303-309.	1.7	22
16	A Similar Secretome Disturbance as a Hallmark of Non-pathogenic Botrytis cinerea ATMT-Mutants?. Frontiers in Microbiology, 2019, 10, 2829.	3.5	18
17	Identification of two group A chitinase genes in Botrytis cinerea which are differentially induced by exogenous chitin. Mycological Research, 2007, 111, 615-625.	2.5	14
18	LongSAGE gene-expression profiling of Botrytis cinerea germination suppressed by resveratrol, the major grapevine phytoalexin. Fungal Biology, 2011, 115, 815-832.	2.5	11

#	Article	IF	Citations
19	Clathrin Is Important for Virulence Factors Delivery in the Necrotrophic Fungus Botrytis cinerea. Frontiers in Plant Science, 2021, 12, 668937.	3.6	9
20	Investigating the role of dicer 2 (dcr2) in gene silencing and the regulation of mycoviruses in Botrytis cinerea. Microbiology, 2014, 83, 140-148.	1.2	6
21	Snf1 Kinase Differentially Regulates Botrytis cinerea Pathogenicity according to the Plant Host. Microorganisms, 2022, 10, 444.	3.6	5