

Mathias Choquer

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

2,316
citations

643344

15
h-index

799663

21
g-index

22
all docs

22
docs citations

22
times ranked

2987
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic Analysis of the Necrotrophic Fungal Pathogens <i>Sclerotinia sclerotiorum</i> and <i>Botrytis cinerea</i> . <i>PLoS Genetics</i> , 2011, 7, e1002230.	1.5	902
2	<i>Botrytis cinerea</i> virulence factors: new insights into a necrotrophic and polyphageous pathogen. <i>FEMS Microbiology Letters</i> , 2007, 277, 1-10.	0.7	392
3	Sesquiterpene Synthase from the Botrydial Biosynthetic Gene Cluster of the Phytopathogen <i>Botrytis cinerea</i> . <i>ACS Chemical Biology</i> , 2008, 3, 791-801.	1.6	161
4	The CTB1 Gene Encoding a Fungal Polyketide Synthase Is Required for Cercosporin Biosynthesis and Fungal Virulence of <i>Cercospora nicotianae</i> . <i>Molecular Plant-Microbe Interactions</i> , 2005, 18, 468-476.	1.4	117
5	Deletion of a MFS transporter-like gene in <i>Cercospora nicotiana</i> reduces cercosporin toxin accumulation and fungal virulence. <i>FEBS Letters</i> , 2007, 581, 489-494.	1.3	103
6	Survey of the <i>Botrytis cinerea</i> chitin synthase multigenic family through the analysis of six euascomycetes genomes. <i>FEBS Journal</i> , 2004, 271, 2153-2164.	0.2	99
7	<i>Botrytis cinerea</i> virulence is drastically reduced after disruption of chitin synthase class III gene (<i>Bcchs3a</i>). <i>Cellular Microbiology</i> , 2006, 8, 1310-1321.	1.1	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. <i>Molecular Plant-Microbe Interactions</i> , 2015, 28, 1167-1180.	1.4	73
9	The <i>Colletotrichum acutatum</i> Gene Encoding a Putative pH-Responsive Transcription Regulator Is a Key Virulence Determinant During Fungal Pathogenesis on Citrus. <i>Molecular Plant-Microbe Interactions</i> , 2007, 20, 1149-1160.	1.4	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. <i>FEMS Microbiology Letters</i> , 2008, 289, 225-232.	0.7	64
11	The Homeobox <i>BcHOX8</i> Gene in <i>Botrytis Cinerea</i> Regulates Vegetative Growth and Morphology. <i>PLoS ONE</i> , 2012, 7, e48134.	1.1	55
12	The infection cushion of <i>Botrytis cinerea</i> : a fungal "weapon" of plant biomass destruction. <i>Environmental Microbiology</i> , 2021, 23, 2293-2314.	1.8	48
13	Genome-wide analyses of chitin synthases identify horizontal gene transfers towards bacteria and allow a robust and unifying classification into fungi. <i>BMC Evolutionary Biology</i> , 2016, 16, 252.	3.2	43
14	Disruption of <i>Bcchs4</i> , <i>Bcchs6</i> or <i>Bcchs7</i> chitin synthase genes in <i>Botrytis cinerea</i> and the essential role of class VI chitin synthase (<i>Bcchs6</i>). <i>Fungal Genetics and Biology</i> , 2013, 52, 1-8.	0.9	27
15	A semi-quantitative RT-PCR method to readily compare expression levels within <i>Botrytis cinerea</i> multigenic families in vitro and in planta. <i>Current Genetics</i> , 2003, 43, 303-309.	0.8	22
16	A Similar Secretome Disturbance as a Hallmark of Non-pathogenic <i>Botrytis cinerea</i> ATMT-Mutants?. <i>Frontiers in Microbiology</i> , 2019, 10, 2829.	1.5	18
17	Identification of two group A chitinase genes in <i>Botrytis cinerea</i> which are differentially induced by exogenous chitin. <i>Mycological Research</i> , 2007, 111, 615-625.	2.5	14
18	LongSAGE gene-expression profiling of <i>Botrytis cinerea</i> germination suppressed by resveratrol, the major grapevine phytoalexin. <i>Fungal Biology</i> , 2011, 115, 815-832.	1.1	11

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19	Clathrin Is Important for Virulence Factors Delivery in the Necrotrophic Fungus <i>Botrytis cinerea</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 668937.	1.7	9
20	Investigating the role of dicer 2 (<i>dcr2</i>) in gene silencing and the regulation of mycoviruses in <i>Botrytis cinerea</i> . <i>Microbiology</i> , 2014, 83, 140-148.	0.5	6
21	<i>Snf1</i> Kinase Differentially Regulates <i>Botrytis cinerea</i> Pathogenicity according to the Plant Host. <i>Microorganisms</i> , 2022, 10, 444.	1.6	5