

Isabelle mouyna

List of Publications by Year in descending order

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35
papers

3,294
citations

279798

23
h-index

361022

35
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36
all docs

36
docs citations

36
times ranked

3469
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic sequence of the pathogenic and allergenic filamentous fungus <i>Aspergillus fumigatus</i> . <i>Nature</i> , 2005, 438, 1151-1156.	27.8	1,272
2	Glycosylphosphatidylinositol-anchored Glucanoyltransferases Play an Active Role in the Biosynthesis of the Fungal Cell Wall. <i>Journal of Biological Chemistry</i> , 2000, 275, 14882-14889.	3.4	308
3	Deletion of <i>GEL2</i> encoding for a β (1 \rightarrow 3)glucanoyltransferase affects morphogenesis and virulence in <i>Aspergillus fumigatus</i> . <i>Molecular Microbiology</i> , 2005, 56, 1675-1688.	2.5	146
4	Dandruff Is Associated with Disequilibrium in the Proportion of the Major Bacterial and Fungal Populations Colonizing the Scalp. <i>PLoS ONE</i> , 2013, 8, e58203.	2.5	142
5	β -1,3-glucan modifying enzymes in <i>Aspergillus fumigatus</i> . <i>Frontiers in Microbiology</i> , 2013, 4, 81.	3.5	111
6	Gene silencing with RNA interference in the human pathogenic fungus. <i>FEMS Microbiology Letters</i> , 2004, 237, 317-324.	1.8	100
7	Gene silencing with RNA interference in the human pathogenic fungus <i>Aspergillus fumigatus</i> . <i>FEMS Microbiology Letters</i> , 2004, 237, 317-324.	1.8	99
8	β (1-3)Glucanoyltransferase Gel4p Is Essential for <i>Aspergillus fumigatus</i> . <i>Eukaryotic Cell</i> , 2010, 9, 1294-1298.	3.4	84
9	The Dual Activity Responsible for the Elongation and Branching of β (1,3)-Glucan in the Fungal Cell Wall. <i>MBio</i> , 2017, 8, .	4.1	84
10	Members of protein O α -mannosyltransferase family in <i>Aspergillus fumigatus</i> differentially affect growth, morphogenesis and viability. <i>Molecular Microbiology</i> , 2010, 76, 1205-1221.	2.5	81
11	Characterization of a New β (1 \rightarrow 3)-Glucan Branching Activity of <i>Aspergillus fumigatus</i> . <i>Journal of Biological Chemistry</i> , 2010, 285, 2386-2396.	3.4	72
12	Molecular Mechanisms of Yeast Cell Wall Glucan Remodeling. <i>Journal of Biological Chemistry</i> , 2009, 284, 8461-8469.	3.4	67
13	Inducible expression of beta defensins by human respiratory epithelial cells exposed to <i>Aspergillus fumigatus</i> organisms. <i>BMC Microbiology</i> , 2009, 9, 33.	3.3	67
14	Identification of the catalytic residues of the first family of β (1 \rightarrow 3)glucanoyltransferases identified in fungi. <i>Biochemical Journal</i> , 2000, 347, 741-747.	3.7	66
15	Characterization of a cell-wall acid phosphatase (PhoAp) in <i>Aspergillus fumigatus</i> The GenBank accession number for the <i>A. fumigatus</i> PHOA sequence reported in this paper is AF462065.. <i>Microbiology (United Kingdom)</i> , 2002, 148, 2819-2829.	1.8	61
16	Glycosylphosphatidylinositol-Anchored Ecm33p Influences Conidial Cell Wall Biosynthesis in <i>Aspergillus fumigatus</i> . <i>Applied and Environmental Microbiology</i> , 2006, 72, 3259-3267.	3.1	58
17	Chitin Synthases with a Myosin Motor-Like Domain Control the Resistance of <i>Aspergillus fumigatus</i> to Echinocandins. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 6121-6131.	3.2	53
18	GH16 and GH81 family β (1,3)-glucanases in <i>Aspergillus fumigatus</i> are essential for conidial cell wall morphogenesis. <i>Cellular Microbiology</i> , 2016, 18, 1285-1293.	2.1	47

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19	Biosynthesis of cell wall mannan in the conidium and the mycelium of <i>Aspergillus fumigatus</i> . Cellular Microbiology, 2016, 18, 1881-1891.	2.1	46
20	Testing the efficacy of RNA interference constructs in <i>Aspergillus fumigatus</i> . Current Genetics, 2007, 51, 277-284.	1.7	41
21	SUN Proteins Belong to a Novel Family of β -(1,3)-Glucan-modifying Enzymes Involved in Fungal Morphogenesis. Journal of Biological Chemistry, 2013, 288, 13387-13396.	3.4	34
22	MybA, a transcription factor involved in conidiation and conidial viability of the human pathogen <i>Aspergillus fumigatus</i> . Molecular Microbiology, 2017, 105, 880-900.	2.5	31
23	Members of Glycosyl-Hydrolase Family 17 of <i>A. fumigatus</i> Differentially Affect Morphogenesis. Journal of Fungi (Basel, Switzerland), 2018, 4, 18.	3.5	30
24	The Glycosylphosphatidylinositol-Anchored <i>DFG</i> Family Is Essential for the Insertion of Galactomannan into the β -(1,3)-Glucan-Chitin Core of the Cell Wall of <i>Aspergillus fumigatus</i> . MSphere, 2019, 4, .	2.9	28
25	What Are the Functions of Chitin Deacetylases in <i>Aspergillus fumigatus</i> ?. Frontiers in Cellular and Infection Microbiology, 2020, 10, 28.	3.9	23
26	Identification of the catalytic residues of the first family of β (1 \rightarrow 3)glucanosyltransferases identified in fungi. Biochemical Journal, 2000, 347, 741.	3.7	21
27	<i>Aspergillus fumigatus</i> corneal infection is regulated by chitin synthases and by neutrophil-derived acidic mammalian chitinase. European Journal of Immunology, 2019, 49, 918-927.	2.9	21
28	Glycosylphosphatidylinositol Anchors from Galactomannan and GPI-Anchored Protein Are Synthesized by Distinct Pathways in <i>Aspergillus fumigatus</i> . Journal of Fungi (Basel, Switzerland), 2018, 4, 19.	3.5	19
29	GPI Anchored Proteins in <i>Aspergillus fumigatus</i> and Cell Wall Morphogenesis. Current Topics in Microbiology and Immunology, 2020, 425, 167-186.	1.1	16
30	<i>Aspergillus fumigatus</i> , One Uninucleate Species with Disparate Offspring. Journal of Fungi (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.5	14
31	<i>Aspergillus fumigatus</i> exo β glucanases family GH55 are essential for conidial cell wall morphogenesis. Cellular Microbiology, 2019, 21, e13102.	2.1	12
32	Phylogenetic and Functional Analysis of <i>Aspergillus fumigatus</i> MGTc, a Fungal Protein Homologous to a Bacterial Virulence Factor. Applied and Environmental Microbiology, 2011, 77, 4700-4703.	3.1	11
33	Innate Immunity and the Role of Epithelial Barrier During <i>Aspergillus fumigatus</i> Infection. Current Immunology Reviews, 2012, 8, 254-261.	1.2	11
34	Cell Wall of <i>Aspergillus fumigatus</i> : a Dynamic Structure. , 2014, , 169-183.		10
35	Insights in the molecular mechanisms of an azole stress adapted laboratory-generated <i>Aspergillus fumigatus</i> strain. Medical Mycology, 2021, 59, 763-772.	0.7	3