Gustavo H. Goldman

List of Publications by Year
in descending order

310 papers	22,448 citations	17405 63 h-index	11030 137 g-index
341 all docs	341 docs citations	341 times ranked	27245 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
2	Genomic sequence of the pathogenic and allergenic filamentous fungus Aspergillus fumigatus. Nature, 2005, 438, 1151-1156.	13.7	1,272
3	Sequencing of Aspergillus nidulans and comparative analysis with A. fumigatus and A. oryzae. Nature, 2005, 438, 1105-1115.	13.7	1,250
4	The genome sequence of the plant pathogen Xylella fastidiosa. Nature, 2000, 406, 151-157.	13.7	827
5	Genomic Islands in the Pathogenic Filamentous Fungus Aspergillus fumigatus. PLoS Genetics, 2008, 4, e1000046.	1.5	473
6	Comparative genomics reveals high biological diversity and specific adaptations in the industrially and medically important fungal genus Aspergillus. Genome Biology, 2017, 18, 28.	3.8	417
7	Comparative Genomics of Two Leptospira interrogans Serovars Reveals Novel Insights into Physiology and Pathogenesis. Journal of Bacteriology, 2004, 186, 2164-2172.	1.0	406
8	The akuB KU80 Mutant Deficient for Nonhomologous End Joining Is a Powerful Tool for Analyzing Pathogenicity in Aspergillus fumigatus. Eukaryotic Cell, 2006, 5, 207-211.	3.4	391
9	Comparative Analyses of the Complete Genome Sequences of Pierce's Disease and Citrus Variegated Chlorosis Strains of Xylella fastidiosa. Journal of Bacteriology, 2003, 185, 1018-1026.	1.0	307
10	Scientific challenges of bioethanol production in Brazil. Applied Microbiology and Biotechnology, 2011, 91, 1267-1275.	1.7	291
11	Analysis and Functional Annotation of an Expressed Sequence Tag Collection for Tropical Crop Sugarcane. Genome Research, 2003, 13, 2725-2735.	2.4	254
12	Multiple Resistance Mechanisms among Aspergillus fumigatus Mutants with High-Level Resistance to Itraconazole. Antimicrobial Agents and Chemotherapy, 2003, 47, 1719-1726.	1.4	246
13	Molecular characterization of the proteinase-encoding gene, prb1, related to mycoparasitism by Trichoderma harzianum. Molecular Microbiology, 1993, 8, 603-613.	1.2	235
14	Sub-Telomere Directed Gene Expression during Initiation of Invasive Aspergillosis. PLoS Pathogens, 2008, 4, e1000154.	2.1	228
15	Drivers of genetic diversity in secondary metabolic gene clusters within a fungal species. PLoS Biology, 2017, 15, e2003583.	2.6	187
16	Expressed Sequence Tag Analysis of the Human Pathogen Paracoccidioides brasiliensis Yeast Phase: Identification of Putative Homologues of Candida albicans Virulence and Pathogenicity Genes. Eukaryotic Cell, 2003, 2, 34-48.	3.4	185
17	Review Jasmonates are phytohormones with multiple functions, including plant defense and reproduction. Genetics and Molecular Research, 2010, 9, 484-505.	0.3	180
18	Shotgun sequencing of the human transcriptome with ORF expressed sequence tags. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 3491-3496.	3.3	179

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19	Development of a low-cost cellulase production process using Trichoderma reesei for Brazilian biorefineries. Biotechnology for Biofuels, 2017, 10, 30.	6.2	167
20	Functional characterization of the Aspergillus fumigatus CRZ1 homologue, CrzA. Molecular Microbiology, 2008, 67, 1274-1291.	1.2	166
21	Comparative Genomic Analysis of Human Fungal Pathogens Causing Paracoccidioidomycosis. PLoS Genetics, 2011, 7, e1002345.	1.5	164
22	Epidemiological and Genomic Landscape of Azole Resistance Mechanisms in Aspergillus Fungi. Frontiers in Microbiology, 2016, 7, 1382.	1.5	153
23	Transcriptome analysis of Aspergillus fumigatus exposed to voriconazole. Current Genetics, 2006, 50, 32-44.	0.8	152
24	In Vitro Evolution of Itraconazole Resistance in Aspergillus fumigatus Involves Multiple Mechanisms of Resistance. Antimicrobial Agents and Chemotherapy, 2004, 48, 4405-4413.	1.4	142
25	The ergosterol biosynthesis pathway, transporter genes, and azole resistance inAspergillus fumigatus. Medical Mycology, 2005, 43, 313-319.	0.3	140
26	Risk factors and outcome of pulmonary aspergillosis in critically ill coronavirus disease 2019 patientsâ€"a multinational observational study by the European Confederation of Medical Mycology. Clinical Microbiology and Infection, 2022, 28, 580-587.	2.8	133
27	Transcriptome Analysis of Paracoccidioides brasiliensis Cells Undergoing Mycelium-to-Yeast Transition. Eukaryotic Cell, 2005, 4, 2115-2128.	3.4	131
28	Comparative metabolism of cellulose, sophorose and glucose in Trichoderma reeseiusing high-throughput genomic and proteomic analyses. Biotechnology for Biofuels, 2014, 7, 41.	6.2	131
29	Comparative Secretome Analysis of Trichoderma reesei and Aspergillus niger during Growth on Sugarcane Biomass. PLoS ONE, 2015, 10, e0129275.	1.1	127
30	Diverse Regulation of the CreA Carbon Catabolite Repressor in Aspergillus nidulans. Genetics, 2016, 203, 335-352.	1.2	127
31	Quantitative Analysis of the Relative Transcript Levels of ABC Transporter Atr Genes in Aspergillus nidulans by Real-Time Reverse Transcription-PCR Assay. Applied and Environmental Microbiology, 2002, 68, 1351-1357.	1.4	126
32	The contribution of 700,000 ORF sequence tags to the definition of the human transcriptome. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 12103-12108.	3.3	123
33	Functional characterization of the Aspergillus fumigatus calcineurin. Fungal Genetics and Biology, 2007, 44, 219-230.	0.9	122
34	Transcriptome analysis of Aspergillus niger grown on sugarcane bagasse. Biotechnology for Biofuels, 2011, 4, 40.	6.2	122
35	The Genome Sequence of the Gram-Positive Sugarcane Pathogen Leifsonia xyli subsp. xyli. Molecular Plant-Microbe Interactions, 2004, 17, 827-836.	1.4	119
36	Mitogen activated protein kinases SakA^{HOG1} and MpkC collaborate for Aspergillus fumigatus virulence. Molecular Microbiology, 2016, 100, 841-859.	1.2	110

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37	A Robust Phylogenomic Time Tree for Biotechnologically and Medically Important Fungi in the Genera Aspergillus and Penicillium. MBio, 2019, 10, .	1.8	106
38	Notes High-efficiency transformation system for the biocontrol agents, Trichoderma spp.. Molecular Microbiology, 1990, 4, 839-843.	1.2	105
39	The generation and utilization of a cancer-oriented representation of the human transcriptome by using expressed sequence tags. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 13418-13423.	3.3	105
40	The Genome of Anopheles darlingi , the main neotropical malaria vector. Nucleic Acids Research, 2013, 41, 7387-7400.	6.5	102
41	The 2008 update of the Aspergillus nidulans genome annotation: A community effort. Fungal Genetics and Biology, 2009, 46, S2-S13.	0.9	99
42	Mitochondrial Genome Diversity of Native Americans Supports a Single Early Entry of Founder Populations into America. American Journal of Human Genetics, 2002, 71, 187-192.	2.6	93
43	Evaluation of fluconazole resistance mechanisms in candida albicans clinical isolates from HIV-infected patients in Brazil. Diagnostic Microbiology and Infectious Disease, 2004, 50, 25-32.	0.8	93
44	Functional characterisation of the non-essential protein kinases and phosphatases regulating Aspergillus nidulans hydrolytic enzyme production. Biotechnology for Biofuels, 2013, 6, 91.	6.2	86
45	Biological activities from extracts of endophytic fungi isolated fromViguiera arenariaandTithonia diversifolia. FEMS Immunology and Medical Microbiology, 2008, 52, 134-144.	2.7	85
46	Aspergillus fumigatus mitochondrial electron transport chain mediates oxidative stress homeostasis, hypoxia responses and fungal pathogenesis. Molecular Microbiology, 2012, 84, 383-399.	1.2	84
47	Aspergillus fumigatusMADS-Box Transcription FactorrlmAIs Required for Regulation of the Cell Wall Integrity and Virulence. G3: Genes, Genomes, Genetics, 2016, 6, 2983-3002.	0.8	83
48	Microsatellite Analysis of Three Phylogenetic Species of Paracoccidioides brasiliensis. Journal of Clinical Microbiology, 2006, 44, 2153-2157.	1.8	80
49	Filamentous fungal carbon catabolite repression supports metabolic plasticity and stress responses essential for disease progression. PLoS Pathogens, 2017, 13, e1006340.	2.1	80
50	Comparative transcriptome analysis reveals different strategies for degradation of steam-exploded sugarcane bagasse by Aspergillus niger and Trichoderma reesei. BMC Genomics, 2017, 18, 501.	1.2	79
51	Identification and characterization of putative xylose and cellobiose transporters in Aspergillus nidulans. Biotechnology for Biofuels, 2016, 9, 204.	6.2	76
52	The contribution of Aspergillus fumigatus stress responses to virulence and antifungal resistance. Journal of Microbiology, 2016, 54, 243-253.	1.3	76
53	Molecular and cellular biology of biocontrol by Trichoderma spp.. Trends in Biotechnology, 1994, 12, 478-482.	4.9	74
54	Aspergillus nidulans protein kinase A plays an important role in cellulase production. Biotechnology for Biofuels, 2015, 8, 213.	6.2	72

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55	AspergillusÂfumigatusprotein phosphatase PpzA is involved in iron assimilation, secondary metabolite production, and virulence. Cellular Microbiology, 2017, 19, e12770.	1.1	72
56	Fungal G-protein-coupled receptors: mediators of pathogenesis and targets for disease control. Nature Microbiology, 2018, 3, 402-414.	5.9	72
57	Transformation of Trichoderma harzianum by high-voltage electric pulse. Current Genetics, 1990, 17, 169-174.	0.8	71
58	Identification of human chromosome 22 transcribed sequences with ORF expressed sequence tags. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 12690-12693.	3.3	70
59	Regulation of Aspergillus nidulans CreA-Mediated Catabolite Repression by the F-Box Proteins Fbx23 and Fbx47. MBio, 2018, 9, .	1.8	70
60	Analysis of Gene Expression in Two Growth States of Xylella fastidiosa and Its Relationship with Pathogenicity. Molecular Plant-Microbe Interactions, 2003, 16, 867-875.	1.4	69
61	How nutritional status signalling coordinates metabolism and lignocellulolytic enzyme secretion. Fungal Genetics and Biology, 2014, 72, 48-63.	0.9	69
62	<scp>H</scp>igh osmolarity glycerol response <scp>PtcB</scp> phosphatase is important for <scp>A</scp>spergillus fumigatus virulence. Molecular Microbiology, 2015, 96, 42-54.	1.2	69
63	The DNA Damage Response in Filamentous Fungi. Fungal Genetics and Biology, 2002, 35, 183-195.	0.9	68
64	Overview of carbon and nitrogen catabolite metabolism in the virulence of human pathogenic fungi. Molecular Microbiology, 2018, 107, 277-297.	1.2	68
65	Quantification of Xylella fastidiosa from Citrus Trees by Real-Time Polymerase Chain Reaction Assay. Phytopathology, 2002, 92, 1048-1054.	1.1	67
66	Identification of genes preferentially expressed in the pathogenic yeast phase of Paracoccidioides brasiliensis, using suppression subtraction hybridization and differential macroarray analysis. Molecular Genetics and Genomics, 2004, 271, 667-677.	1.0	67
67	The fungal threat to global food security. Fungal Biology, 2019, 123, 555-557.	1.1	67
68	The Aspergillus fumigatus sitA Phosphatase Homologue Is Important for Adhesion, Cell Wall Integrity, Biofilm Formation, and Virulence. Eukaryotic Cell, 2015, 14, 728-744.	3.4	66
69	Aspergillus nidulans as a model system to characterize the DNA damage response in eukaryotes. Fungal Genetics and Biology, 2004, 41, 428-442.	0.9	65
70	Analysis of theNicotiana tabacumStigma/Style Transcriptome Reveals Gene Expression Differences between Wet and Dry Stigma Species Â Â. Plant Physiology, 2009, 149, 1211-1230.	2.3	65
71	The Aspergillus fumigatus CrzA Transcription Factor Activates Chitin Synthase Gene Expression during the Caspofungin Paradoxical Effect. MBio, 2017, 8, .	1.8	64
72	The influence of Aspergillus niger transcription factors AraR and XlnR in the gene expression during growth in d-xylose, l-arabinose and steam-exploded sugarcane bagasse. Fungal Genetics and Biology, 2013, 60, 29-45.	0.9	63

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73	Involvement of an Alternative Oxidase in Oxidative Stress and Mycelium-to-Yeast Differentiation in Paracoccidioides brasiliensis. Eukaryotic Cell, 2011, 10, 237-248.	3.4	60
74	<scp>ChIP</scp>â€seq reveals a role for <scp>CrzA</scp> in the <scp>A</scp>spergillus fumigatus highâ€osmolarity glycerol response (<scp>HOG</scp>) signalling pathway. Molecular Microbiology, 2014, 94, 655-674.	1.2	60
75	Functional characterization of a xylose transporter in Aspergillus nidulans. Biotechnology for Biofuels, 2014, 7, 46.	6.2	59
76	Î²-(1â†'3),(1â†'6)-Glucans: medicinal activities, characterization, biosynthesis and new horizons. Applied Microbiology and Biotechnology, 2015, 99, 7893-7906.	1.7	59
77	Identification of possible targets of the Aspergillus fumigatus CRZ1 homologue, CrzA. BMC Microbiology, 2010, 10, 12.	1.3	58
78	A nucleotide substitution in one of the Î²-tubulin genes of Trichoderma viride confers resistance to the antimitotic drug methyl benzimidazole-2-yl-carbamate. Molecular Genetics and Genomics, 1993, 240, 73-80.	2.4	57
79	Virulence of Paracoccidioides brasiliensis and gp43 expression in isolates bearing known PbGP43 genotype. Microbes and Infection, 2005, 7, 55-65.	1.0	56
80	The Inhibition of Inflammasome by Brazilian Propolis (EPP-AF). Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-11.	0.5	56
81	Mitogen-Activated Protein Kinase Cross-Talk Interaction Modulates the Production of Melanins in Aspergillus fumigatus. MBio, 2019, 10, .	1.8	56
82	Predicting the Proteins of Angomonas deanei, Strigomonas culicis and Their Respective Endosymbionts Reveals New Aspects of the Trypanosomatidae Family. PLoS ONE, 2013, 8, e60209.	1.1	55
83	Catalase activity is necessary for heat-shock recovery in Aspergillus nidulans germlings. Microbiology (United Kingdom), 1999, 145, 3229-3234.	0.7	55
84	Farnesol induces the transcriptional accumulation of the Aspergillus nidulans Apoptosisâ€Inducing Factor (AIF)â€like mitochondrial oxidoreductase. Molecular Microbiology, 2008, 70, 44-59.	1.2	54
85	Cdc42p controls yeast-cell shape and virulence of Paracoccidioides brasiliensis. Fungal Genetics and Biology, 2009, 46, 919-926.	0.9	54
86	ploidyNGS: visually exploring ploidy with Next Generation Sequencing data. Bioinformatics, 2017, 33, 2575-2576.	1.8	54
87	The Cell Biology of the Trichosporon-Host Interaction. Frontiers in Cellular and Infection Microbiology, 2017, 7, 118.	1.8	53
88	Gene Disruption in Aspergillus fumigatus Using a PCR-Based Strategy and In Vivo Recombination in Yeast. Methods in Molecular Biology, 2012, 845, 99-118.	0.4	52
89	Systematic Global Analysis of Genes Encoding Protein Phosphatases in Aspergillus fumigatus. G3: Genes, Genomes, Genetics, 2015, 5, 1525-1539.	0.8	52
90	Genome-wide transcriptome analysis ofAspergillus fumigatusexposed to osmotic stress reveals regulators of osmotic and cell wall stresses that are SakA^{HOG1}and MpkC dependent. Cellular Microbiology, 2017, 19, e12681.	1.1	52

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91	Analyses of the three 1-Cys Peroxiredoxins from Aspergillus fumigatus reveal that cytosolic Prx1 is central to H2O2 metabolism and virulence. Scientific Reports, 2018, 8, 12314.	1.6	52
92	Nutritional Heterogeneity Among Aspergillus fumigatus Strains Has Consequences for Virulence in a Strain- and Host-Dependent Manner. Frontiers in Microbiology, 2019, 10, 854.	1.5	52
93	The Aspergillus fumigatus pkcAG579R Mutant Is Defective in the Activation of the Cell Wall Integrity Pathway but Is Dispensable for Virulence in a Neutropenic Mouse Infection Model. PLoS ONE, 2015, 10, e0135195.	1.1	51
94	A genomic approach to the understanding of Xylella fastidiosa pathogenicity. Current Opinion in Microbiology, 2000, 3, 459-462.	2.3	50
95	The importance of connections between the cell wall integrity pathway and the unfolded protein response in filamentous fungi. Briefings in Functional Genomics, 2014, 13, 456-470.	1.3	50
96	Variation Among Biosynthetic Gene Clusters, Secondary Metabolite Profiles, and Cards of Virulence Across Aspergillus Species. Genetics, 2020, 216, 481-497.	1.2	50
97	Low expression of sodium iodide symporter identifies aggressive thyroid tumors. Cancer Letters, 2003, 200, 85-91.	3.2	49
98	Molecular Characterization of Propolis-Induced Cell Death in Saccharomyces cerevisiae. Eukaryotic Cell, 2011, 10, 398-411.	3.4	49
99	Functional Characterization of an Aspergillus fumigatus Calcium Transporter (PmcA) that Is Essential for Fungal Infection. PLoS ONE, 2012, 7, e37591.	1.1	48
100	Systemic lupus erythematosus and microchimerism in autoimmunity. Transplantation Proceedings, 2002, 34, 2951-2952.	0.3	47
101	Biological Roles Played by Sphingolipids in Dimorphic and Filamentous Fungi. MBio, 2018, 9, .	1.8	46
102	Extracellular Vesicles from Aspergillus flavus Induce M1 Polarization In Vitro. MSphere, 2020, 5, .	1.3	46
103	Functional Characterization of the Putative Aspergillus nidulans Poly(ADP-Ribose) Polymerase Homolog PrpA. Genetics, 2006, 173, 87-98.	1.2	45
104	Molecular Characterization of the Putative Transcription Factor SebA Involved in Virulence in Aspergillus fumigatus. Eukaryotic Cell, 2012, 11, 518-531.	3.4	45
105	Characterization of a novel sugar transporter involved in sugarcane bagasse degradation in Trichoderma reesei. Biotechnology for Biofuels, 2018, 11, 84.	6.2	45
106	Genomic and Phenotypic Heterogeneity of Clinical Isolates of the Human Pathogens Aspergillus fumigatus, Aspergillus lentulus, and Aspergillus fumigatiaffinis. Frontiers in Genetics, 2020, 11, 459.	1.1	44
107	Fungicide effects on human fungal pathogens: Cross-resistance to medical drugs and beyond. PLoS Pathogens, 2021, 17, e1010073.	2.1	44
108	RNAseq reveals hydrophobins that are involved in the adaptation of Aspergillus nidulans to lignocellulose. Biotechnology for Biofuels, 2016, 9, 145.	6.2	43

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109	Characterizing the Pathogenic, Genomic, and Chemical Traits of Aspergillus fischeri , a Close Relative of the Major Human Fungal Pathogen Aspergillus fumigatus. MSphere, 2019, 4, .	1.3	42
110	On and Under the Skin: Emerging Basidiomycetous Yeast Infections Caused by Trichosporon Species. PLoS Pathogens, 2015, 11, e1004982.	2.1	42
111	Genomics of Aspergillus fumigatus. Revista Iberoamericana De Micologia, 2005, 22, 223-228.	0.4	41
112	Carbon Catabolite Repression in Filamentous Fungi Is Regulated by Phosphorylation of the Transcription Factor CreA. MBio, 2021, 12, .	1.8	41
113	The Involvement of the Mid1/Cch1/Yvc1 Calcium Channels in Aspergillus fumigatus Virulence. PLoS ONE, 2014, 9, e103957.	1.1	41
114	The COP9 signalosome counteracts the accumulation of cullin SCF ubiquitin E3 RING ligases during fungal development. Molecular Microbiology, 2012, 83, 1162-1177.	1.2	40
115	Evolving moldy murderers: Aspergillus section Fumigati as a model for studying the repeated evolution of fungal pathogenicity. PLoS Pathogens, 2020, 16, e1008315.	2.1	40
116	Identification of Glucose Transporters in Aspergillus nidulans. PLoS ONE, 2013, 8, e81412.	1.1	39
117	Pathogenic Allodiploid Hybrids of Aspergillus Fungi. Current Biology, 2020, 30, 2495-2507.e7.	1.8	39
118	Identification of the cell targets important for propolis-induced cell death in Candida albicans. Fungal Genetics and Biology, 2013, 60, 74-86.	0.9	37
119	Molecular characterization and regulation of the phosphoglycerate kinase gene from Trichoderma viride. Molecular Microbiology, 1992, 6, 1231-1242.	1.2	36
120	Transcriptomic responses of mixed cultures of ascomycete fungi to lignocellulose using dual RNA-seq reveal inter-species antagonism and limited beneficial effects on CAZyme expression. Fungal Genetics and Biology, 2017, 102, 4-21.	0.9	36
121	Involvement of the Aspergillus nidulans protein kinase C with farnesol tolerance is related to the unfolded protein response. Molecular Microbiology, 2010, 78, 1259-1279.	1.2	35
122	Comprehensive Analysis of Aspergillus nidulans PKA Phosphorylome Identifies a Novel Mode of CreA Regulation. MBio, 2019, 10, .	1.8	35
123	Mapping the Fungal Battlefield: Using in situ Chemistry and Deletion Mutants to Monitor Interspecific Chemical Interactions Between Fungi. Frontiers in Microbiology, 2019, 10, 285.	1.5	35
124	Electrophoretic karyotype and gene assignment to resolved chromosomes of Trichoderma spp.. Molecular Microbiology, 1993, 7, 515-521.	1.2	34
125	Trichoderma harzianum genes induced during growth on Rhizoctonia solani cell walls. Microbiology (United Kingdom), 1995, 141, 767-774.	0.7	34
126	The cAMP pathway is important for controlling the morphological switch to the pathogenic yeast form of Paracoccidioides brasiliensis. Molecular Microbiology, 2007, 65, 761-779.	1.2	34

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127	Chaetoglobosinas produzidas por Chaetomium globosum, fungo endofÃtico associado a Viguiera robusta Gardn. (Asteraceae). Quimica Nova, 2008, 31, 1680-1685.	0.3	34
128	Functional characterization of the <scp>A</scp>spergillus nidulans glucosylceramide pathway reveals that LCB Î”8â€desaturation and C9â€methylation are relevant to filamentous growth, lipid raft localization and Psd1 defensin activity. Molecular Microbiology, 2016, 102, 488-505.	1.2	34
129	Aspergillus fumigatus calcium-responsive transcription factors regulate cell wall architecture promoting stress tolerance, virulence and caspofungin resistance. PLoS Genetics, 2019, 15, e1008551.	1.5	34
130	Evaluation of Mucoadhesive Gels with Propolis (EPP-AF) in Preclinical Treatment of Candidiasis Vulvovaginal Infection. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-18.	0.5	33
131	The Aspergillus fumigatus SchA^{SCH9} kinase modulates SakA^{HOG1} MAP kinase activity and it is essential for virulence. Molecular Microbiology, 2016, 102, 642-671.	1.2	33
132	Protein Kinase A and High-Osmolarity Glycerol Response Pathways Cooperatively Control Cell Wall Carbohydrate Mobilization in Aspergillus fumigatus. MBio, 2018, 9, .	1.8	33
133	A Novel Cys2His2 Zinc Finger Homolog of AZF1 Modulates Holocellulase Expression in Trichoderma reesei. MSystems, 2019, 4, .	1.7	32
134	Gliotoxin, a Known Virulence Factor in the Major Human Pathogen Aspergillus fumigatus, Is Also Biosynthesized by Its Nonpathogenic Relative Aspergillus fischeri. MBio, 2020, 11, .	1.8	32
135	Diversity of Secondary Metabolism in Aspergillus nidulans Clinical Isolates. MSphere, 2020, 5, .	1.3	32
136	Functional Characterization of Clinical Isolates of the Opportunistic Fungal Pathogen Aspergillus nidulans. MSphere, 2020, 5, .	1.3	32
137	Sugarwin: A Sugarcane Insect-Induced Gene with Antipathogenic Activity. Molecular Plant-Microbe Interactions, 2012, 25, 613-624.	1.4	31
138	Gâ€protein coupled receptorâ€mediated nutrient sensing and developmental control in <scp>A</scp>spergillus nidulans. Molecular Microbiology, 2015, 98, 420-439.	1.2	31
139	Genomic and Phenotypic Analysis of COVID-19-Associated Pulmonary Aspergillosis Isolates of Aspergillus fumigatus. Microbiology Spectrum, 2021, 9, e0001021.	1.2	31
140	Molecular identification of Paracoccidioides brasiliensis by 5â€² nuclease assay. Diagnostic Microbiology and Infectious Disease, 2002, 44, 383-386.	0.8	30
141	Regulation of Hyphal Morphogenesis and the DNA Damage Response by the Aspergillus nidulans ATM Homolog AtmA. Genetics, 2006, 173, 99-109.	1.2	30
142	TheAspergillus nidulansATM Kinase Regulates Mitochondrial Function, Glucose Uptake and the Carbon Starvation Response. G3: Genes, Genomes, Genetics, 2014, 4, 49-62.	0.8	30
143	Detection and Selection of Microsatellites in the Genome of Paracoccidioides brasiliensis as Molecular Markers for Clinical and Epidemiological Studies. Journal of Clinical Microbiology, 2004, 42, 5007-5014.	1.8	29
144	The roles played by Aspergillus nidulans apoptosis-inducing factor (AIF)-like mitochondrial oxidoreductase (AifA) and NADH-ubiquinone oxidoreductases (NdeA-B and NdiA) in farnesol resistance. Fungal Genetics and Biology, 2010, 47, 1055-1069.	0.9	29

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145	Molecular characterization of the Aspergillus nidulans fbxA encoding an F-box protein involved in xylanase induction. Fungal Genetics and Biology, 2012, 49, 130-140.	0.9	29
146	GPCR-mediated glucose sensing system regulates light-dependent fungal development and mycotoxin production. PLoS Genetics, 2019, 15, e1008419.	1.5	29
147	Aspergillus fumigatus Transcription Factors Involved in the Caspofungin Paradoxical Effect. MBio, 2020, 11, .	1.8	29
148	Molecular characterization of ubiquitin genes from Aspergillus nidulans: mRNA expression on different stress and growth conditions. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2000, 1490, 237-244.	2.4	28
149	Potential of Gallium as an Antifungal Agent. Frontiers in Cellular and Infection Microbiology, 2019, 9, 414.	1.8	28
150	Transcriptome analysis and molecular studies on sulfur metabolism in the human pathogenic fungus Paracoccidioides brasiliensis. Molecular Genetics and Genomics, 2006, 276, 450-463.	1.0	27
151	The conserved and divergent roles of carbonic anhydrases in the filamentous fungi Aspergillus fumigatus and Aspergillus nidulans. Molecular Microbiology, 2010, 75, 1372-1388.	1.2	27
152	Novel homologous lactate transporter improves l-lactic acid production from glycerol in recombinant strains of Pichia pastoris. Microbial Cell Factories, 2016, 15, 158.	1.9	27
153	The Aspergillus fumigatus transcription factor RglT is important for gliotoxin biosynthesis and self-protection, and virulence. PLoS Pathogens, 2020, 16, e1008645.	2.1	27
154	The Aspergillus fumigatus Phosphoproteome Reveals Roles of High-Osmolarity Glycerol Mitogen-Activated Protein Kinases in Promoting Cell Wall Damage and Caspofungin Tolerance. MBio, 2020, 11, .	1.8	27
155	Transcriptome Analysis of Aspergillus nidulans Exposed to Camptothecin-Induced DNA Damage. Eukaryotic Cell, 2006, 5, 1688-1704.	3.4	26
156	Aspergillus fumigatus High Osmolarity Glycerol Mitogen Activated Protein Kinases SakA and MpkC Physically Interact During Osmotic and Cell Wall Stresses. Frontiers in Microbiology, 2019, 10, 918.	1.5	26
157	Sensitivity to camptothecin in Aspergillus nidulans identifies a novel gene, scaA +, related to the cellular DNA damage response. Molecular Genetics and Genomics, 2001, 265, 264-275.	1.0	25
158	Multiple Phosphatases Regulate Carbon Source-Dependent Germination and Primary Metabolism in Aspergillus nidulans. G3: Genes, Genomes, Genetics, 2015, 5, 857-872.	0.8	25
159	Broad Substrate-Specific Phosphorylation Events Are Associated With the Initial Stage of Plant Cell Wall Recognition in Neurospora crassa. Frontiers in Microbiology, 2019, 10, 2317.	1.5	25
160	NtWBC1, an ABC transporter gene specifically expressed in tobacco reproductive organs. Journal of Experimental Botany, 2004, 55, 1643-1654.	2.4	24
161	Functional Characterization of Aspergillus nidulans ypkA, a Homologue of the Mammalian Kinase SGK. PLoS ONE, 2013, 8, e57630.	1.1	24
162	Draft Genome Sequence of Komagataeibacter rhaeticus Strain AF1, a High Producer of Cellulose, Isolated from Kombucha Tea. Genome Announcements, 2014, 2, .	0.8	24

#	Article	IF	Citations
163	The development of animal infection models and antifungal efficacy assays against clinical isolates ofTrichosporon asahii,T. asteroidesandT. inkin. Virulence, 2015, 6, 476-486.	1.8	24
164	Expression of Two Novel Î²-Glucosidases from Chaetomium atrobrunneum in Trichoderma reesei and Characterization of the Heterologous Protein Products. Molecular Biotechnology, 2016, 58, 821-831.	1.3	24
165	Nutrient Sensing at the Plasma Membrane of Fungal Cells. Microbiology Spectrum, 2017, 5, .	1.2	24
166	The csnD/csnE Signalosome Genes Are Involved in the Aspergillus nidulans DNA Damage Response. Genetics, 2005, 171, 1003-1015.	1.2	23
167	Transcriptional profiling of BrazilianSaccharomyces cerevisiaestrains selected for semi-continuous fermentation of sugarcane must. FEMS Yeast Research, 2013, 13, 277-290.	1.1	23
168	TheAspergillus nidulanssignalling mucinMsbAregulates starvation responses, adhesion and affects cellulase secretion in response to environmental cues. Molecular Microbiology, 2014, 94, 1103-1120.	1.2	23
169	CachaÃ§a yeast strains: alternative starters to produce beer and bioethanol. Antonie Van Leeuwenhoek, 2018, 111, 1749-1766.	0.7	23
170	The Aspergillus nidulans Pyruvate Dehydrogenase Kinases Are Essential To Integrate Carbon Source Metabolism. G3: Genes, Genomes, Genetics, 2018, 8, 2445-2463.	0.8	23
171	Endo-Î²-1,3-glucanase (GH16 Family) from Trichoderma harzianum Participates in Cell Wall Biogenesis but Is Not Essential for Antagonism Against Plant Pathogens. Biomolecules, 2019, 9, 781.	1.8	23
172	Different roles of the Mre11 complex in the DNA damage response in Aspergillus nidulans. Molecular Microbiology, 2003, 48, 1693-1709.	1.2	22
173	A Transcript Finishing Initiative for Closing Gaps in the Human Transcriptome. Genome Research, 2004, 14, 1413-1423.	2.4	22
174	Occurrence of insertion sequences within the genomes and Tn-like elements of glycopeptide-resistant enterococci isolated in Brazil, and identification of a novel element, IS. International Journal of Medical Microbiology, 2005, 294, 513-519.	1.5	22
175	cDNA cloning and functional expression of KM+, the mannose-binding lectin from Artocarpus integrifolia seeds. Biochimica Et Biophysica Acta - General Subjects, 2005, 1726, 251-260.	1.1	22
176	Identification of transcription elements in the 5â€² intergenic region shared by LON and MDJ1 heat shock genes from the human pathogen Paracoccidioides brasiliensis. Evaluation of gene expression. Fungal Genetics and Biology, 2007, 44, 347-356.	0.9	22
177	A tobacco flower-specific gene encodes a polyphenol oxidase. Plant Molecular Biology, 1998, 36, 479-485.	2.0	21
178	Phenotypic analysis of genes whose mRNA accumulation is dependent on calcineurin in Aspergillus fumigatus. Fungal Genetics and Biology, 2009, 46, 791-802.	0.9	21
179	Identification of Metabolic Pathways Influenced by the G-Protein Coupled Receptors GprB and GprD in Aspergillus nidulans. PLoS ONE, 2013, 8, e62088.	1.1	21
180	Mechanistic Strategies for Catalysis Adopted by Evolutionary Distinct Family 43 Arabinanases. Journal of Biological Chemistry, 2014, 289, 7362-7373.	1.6	21

#	Article	IF	Citations
181	Biochemical characterization of an endoxylanase from Pseudozyma brasiliensis sp. nov. strain GHG001 isolated from the intestinal tract of Chrysomelidae larvae associated to sugarcane roots. Process Biochemistry, 2014, 49, 77-83.	1.8	21
182	The Sugarcane Defense Protein SUGARWIN2 Causes Cell Death in Colletotrichum falcatum but Not in Non-Pathogenic Fungi. PLoS ONE, 2014, 9, e91159.	1.1	20
183	The low affinity glucose transporter HxtB is also involved in glucose signalling and metabolism in Aspergillus nidulans. Scientific Reports, 2017, 7, 45073.	1.6	20
184	Mitogen activated protein kinases (MAPK) and protein phosphatases are involved in Aspergillus fumigatus adhesion and biofilm formation. Cell Surface, 2018, 1, 43-56.	1.5	20
185	The Cell Wall Integrity Pathway Contributes to the Early Stages of Aspergillus fumigatus Asexual Development. Applied and Environmental Microbiology, 2020, 86, .	1.4	20
186	Differential Poisoning of Human andAspergillusnidulansDNA Topoisomerase I by Bi- and Terbenzimidazolesâ€. Biochemistry, 1997, 36, 6488-6494.	1.2	19
187	Correction: Mitochondrial DNA Variation in Amerindians. American Journal of Human Genetics, 2003, 72, 1346-1348.	2.6	19
188	Identification of an unusual VanA element in glycopeptide-resistantEnterococcus faeciumin Brazil following international transfer of a bone marrow transplant patient. Canadian Journal of Microbiology, 2004, 50, 767-770.	0.8	19
189	TheAspergillus nidulans npkAGene Encodes a Cdc2-Related Kinase That Genetically Interacts With the UvsBATRKinase. Genetics, 2004, 167, 1629-1641.	1.2	19
190	Gene expression analysis ofParacoccidioides brasiliensistransition from conidium to yeast cell. Medical Mycology, 2010, 48, 147-154.	0.3	19
191	Transcriptional profiling of Saccharomyces cerevisiae exposed to propolis. BMC Complementary and Alternative Medicine, 2012, 12, 194.	3.7	19
192	The Aspergillus fumigatus Mismatch Repair MSH2 Homolog Is Important for Virulence and Azole Resistance. MSphere, 2019, 4, .	1.3	19
193	TLR9 Activation Dampens the Early Inflammatory Response to Paracoccidioides brasiliensis, Impacting Host Survival. PLoS Neglected Tropical Diseases, 2013, 7, e2317.	1.3	18
194	An evolutionary genomic approach reveals both conserved and species-specific genetic elements related to human disease in closely related Aspergillus fungi. Genetics, 2021, 218, .	1.2	18
195	New restriction fragment length polymorphism (RFLP) markers forAspergillus fumigatus. FEMS Immunology and Medical Microbiology, 2001, 31, 15-19.	2.7	17
196	Transcriptome analysis of the Aspergillus nidulans AtmA (ATM, Ataxia-Telangiectasia mutated) null mutant. Molecular Microbiology, 2007, 66, 74-99.	1.2	17
197	Functional characterization of the Aspergillus nidulans methionine sulfoxide reductases (msrA and) Tj ETQq1 1 0.784314 rgBT /Overlo	0.9	17
198	Stigma/style cell cycle inhibitor 1 (SCI1), a tissueâ€specific cell cycle regulator that controls upper pistil development. New Phytologist, 2011, 190, 882-895.	3.5	17

#	Article	IF	Citations
199	Draft Genome Sequence of Pseudozyma brasiliensis sp. nov. Strain GHG001, a High Producer of Endo-1,4-Xylanase Isolated from an Insect Pest of Sugarcane. Genome Announcements, 2013, 1, .	0.8	17
200	Genetic Bypass of Aspergillus nidulans crzA Function in Calcium Homeostasis. G3: Genes, Genomes, Genetics, 2013, 3, 1129-1141.	0.8	17
201	Pseudozyma brasiliensis sp. nov., a xylanolytic, ustilaginomycetous yeast species isolated from an insect pest of sugarcane roots. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 2159-2168.	0.8	17
202	Molecular cloning of the imidazoleglycerolphosphate dehydratase gene of Trichoderma harzianum by genetic complementation in Saccharomyces cerevisiae using a direct expression vector. Molecular Genetics and Genomics, 1992, 234, 481-488.	2.4	16
203	Functional characterization of the Aspergillus fumigatus PHO80 homologue. Fungal Genetics and Biology, 2008, 45, 1135-1146.	0.9	16
204	Farnesol-induced cell death in the filamentous fungus Aspergillus nidulans. Biochemical Society Transactions, 2011, 39, 1544-1548.	1.6	16
205	Aspergillus fumigatus calcineurin interacts with a nucleoside diphosphate kinase. Microbes and Infection, 2012, 14, 922-929.	1.0	16
206	Genetic Interactions Between Aspergillus fumigatus Basic Leucine Zipper (bZIP) Transcription Factors AtfA, AtfB, AtfC, and AtfD. Frontiers in Fungal Biology, 2021, 2, .	0.9	16
207	Nutrient sensing and acquisition in fungi: mechanisms promoting pathogenesis in plant and human hosts. Fungal Biology Reviews, 2021, 36, 1-14.	1.9	16
208	Regulation of gliotoxin biosynthesis and protection in Aspergillus species. PLoS Genetics, 2022, 18, e1009965.	1.5	16
209	Mitochondrial function in the yeast form of the pathogenic fungus Paracoccidioides brasiliensis. Journal of Bioenergetics and Biomembranes, 2008, 40, 297-305.	1.0	15
210	P. brasiliensis Virulence Is Affected by SconC, the Negative Regulator of Inorganic Sulfur Assimilation. PLoS ONE, 2013, 8, e74725.	1.1	15
211	Putative Membrane Receptors Contribute to Activation and Efficient Signaling of Mitogen-Activated Protein Kinase Cascades during Adaptation of Aspergillus fumigatus to Different Stressors and Carbon Sources. MSphere, 2020, 5, .	1.3	15
212	The High Osmolarity Glycerol Mitogen-Activated Protein Kinase regulates glucose catabolite repression in filamentous fungi. PLoS Genetics, 2020, 16, e1008996.	1.5	15
213	Protein Kinase C Overexpression Suppresses Calcineurin-Associated Defects in Aspergillus nidulans and Is Involved in Mitochondrial Function. PLoS ONE, 2014, 9, e104792.	1.1	15
214	GerminaÃ§Ã£o natural de 10 leguminosas arbÃ³reas da AmazÃ´nia - I. Acta Amazonica, 1988, 18, 9-26.	0.3	15
215	Heterogeneity in the transcriptional response of the human pathogen Aspergillus fumigatus to the antifungal agent caspofungin. Genetics, 2022, 220, .	1.2	15
216	The Influence of Genetic Stability onAspergillus fumigatusVirulence and Azole Resistance. G3: Genes, Genomes, Genetics, 2018, 8, 265-278.	0.8	14

#	Article	IF	Citations
217	Aspergillus fumigatus. Trends in Microbiology, 2020, 28, 594-595.	3.5	14
218	The Heat Shock Transcription Factor HsfA Is Essential for Thermotolerance and Regulates Cell Wall Integrity in Aspergillus fumigatus. Frontiers in Microbiology, 2021, 12, 656548.	1.5	14
219	Genetic Interactions of the Aspergillus nidulans atmAATM Homolog With Different Components of the DNA Damage Response Pathway. Genetics, 2008, 178, 675-691.	1.2	13
220	Pollination triggers female gametophyte development in immature Nicotiana tabacum flowers. Frontiers in Plant Science, 2015, 6, 561.	1.7	13
221	A Reliable Assay to Evaluate the Virulence of Aspergillus nidulans Using the Alternative Animal Model Galleria mellonella (Lepidoptera). Bio-protocol, 2017, 7, .	0.2	13
222	Fetal microchimerism in kidney biopsies of lupus nephritis patients may be associated with a beneficial effect. Arthritis Research and Therapy, 2015, 17, 101.	1.6	12
223	The Genome of a Thermo Tolerant, Pathogenic Albino Aspergillus fumigatus. Frontiers in Microbiology, 2018, 9, 1827.	1.5	12
224	Screening of Chemical Libraries for New Antifungal Drugs against Aspergillus fumigatus Reveals Sphingolipids Are Involved in the Mechanism of Action of Miltefosine. MBio, 2021, 12, e0145821.	1.8	12
225	Trichoderma harzianum transformant has high extracellular alkaline proteinase expression during specific mycoparasitic interactions. Genetics and Molecular Biology, 1998, 21, 329-333.	0.6	12
226	Molecular characterization of the Aspergillus fumigatus NCS-1 homologue, NcsA. Molecular Genetics and Genomics, 2008, 280, 483-95.	1.0	11
227	The Paracoccidioides brasiliensis gp70 antigen is encoded by a putative member of the flavoproteins monooxygenase family. Fungal Genetics and Biology, 2010, 47, 179-189.	0.9	11
228	Draft Genome Sequence of Komagataeibacter intermedius Strain AF2, a Producer of Cellulose, Isolated from Kombucha Tea. Genome Announcements, 2015, 3, .	0.8	11
229	Aspergillus fumigatus G-Protein Coupled Receptors GprM and GprJ Are Important for the Regulation of the Cell Wall Integrity Pathway, Secondary Metabolite Production, and Virulence. MBio, 2020, 11, .	1.8	11
230	Insights in Paracoccidioides brasiliensis Pathogenicity. , 2007, , 241-265.		11
231	Chromatin profiling reveals heterogeneity in clinical isolates of the human pathogen Aspergillus fumigatus. PLoS Genetics, 2022, 18, e1010001.	1.5	11
232	Sequence analysis and expression studies of a gene encoding a novel serine + alanine-rich protein in Trichoderma harzianum. Gene, 1994, 144, 113-117.	1.0	10
233	Isolation and characterisation of cycloheximide-sensitive mutants of Aspergillus nidulans. Current Genetics, 1998, 33, 60-69.	0.8	10
234	Influence of Chronic Renal Failure on Stereoselective Metoprolol Metabolism in Hypertensive Patients. Journal of Clinical Pharmacology, 2005, 45, 1422-1433.	1.0	10

#	Article	IF	Citations
235	SepBCTF4 Is Required for the Formation of DNA-Damage-Induced UvsCRAD51 Foci in Aspergillus nidulans. Genetics, 2005, 169, 1391-1402.	1.2	10
236	Aspergillus nidulans uvsB ATR and scaA NBS1 Genes Show Genetic Interactions during Recovery from Replication Stress and DNA Damage. Eukaryotic Cell, 2005, 4, 1239-1252.	3.4	10
237	The Aspergillus nidulans nucA ^{EndoG} Homologue Is Not Involved in Cell Death. Eukaryotic Cell, 2011, 10, 276-283.	3.4	10
238	Insights into the plant polysaccharide degradation potential of the xylanolytic yeastPseudozyma brasiliensis. FEMS Yeast Research, 2016, 16, fov117.	1.1	10
239	The putative flavin carrier family FlcA-C is important forAspergillus fumigatusvirulence. Virulence, 2017, 8, 797-809.	1.8	10
240	Novel Biological Functions of the NsdC Transcription Factor in Aspergillus fumigatus. MBio, 2021, 12, .	1.8	10
241	Aspergillus fumigatus Acetate Utilization Impacts Virulence Traits and Pathogenicity. MBio, 2021, 12, e0168221.	1.8	10
242	Tagging of genes involved in multidrug resistance in Aspergillus nidulans. Molecular Genetics and Genomics, 2000, 263, 702-711.	2.4	9
243	Fungal Metabolic Model for Tyrosinemia Type 3: Molecular Characterization of a Gene Encoding a 4-Hydroxy-Phenyl Pyruvate Dioxygenase from Aspergillus nidulans. Eukaryotic Cell, 2006, 5, 1441-1445.	3.4	9
244	Transcription regulation of the Pbgp43 gene by nitrogen in the human pathogen Paracoccidioides brasiliensis. Fungal Genetics and Biology, 2009, 46, 85-93.	0.9	9
245	Modifications to the composition of the hyphal outer layer of Aspergillus fumigatus modulates HUVEC proteins related to inflammatory and stress responses. Journal of Proteomics, 2017, 151, 83-96.	1.2	9
246	Phosphoproteomics of Aspergillus fumigatus Exposed to the Antifungal Drug Caspofungin. MSphere, 2020, 5, .	1.3	9
247	The Aspergillus nidulans sldIRAD50 gene interacts with bimEAPC1, a homologue of an anaphase-promoting complex subunit. Molecular Microbiology, 2005, 57, 222-237.	1.2	8
248	Molecular biology of the dimorphic fungi Paracoccidioides spp. Fungal Biology Reviews, 2011, 25, 89-97.	1.9	8
249	Examination of Genome-Wide Ortholog Variation in Clinical and Environmental Isolates of the Fungal Pathogen Aspergillus fumigatus. MBio, 2022, 13, .	1.8	8
250	Multi-Copy Suppression of an Aspergillus nidulans Mutant Sensitive to Camptothecin by a Putative Monocarboxylate Transporter. Current Microbiology, 2004, 49, 229-233.	1.0	7
251	Verapamil inhibits efflux pumps in Candida albicans, exhibits synergism with fluconazole, and increases survival of Galleria mellonella. Virulence, 2021, 12, 231-243.	1.8	7
252	Population genomic analysis ofCryptococcusBrazilian isolates reveals an African type subclade distribution. G3: Genes, Genomes, Genetics, 2021, 11, .	0.8	7

#	Article	IF	Citations
253	Fungal Polysaccharides Promote Protective Immunity. Trends in Microbiology, 2021, 29, 379-381.	3.5	7
254	Draft genome sequence of Wickerhamomyces anomalus LBCM1105, isolated from cachaÃ§a fermentation. Genetics and Molecular Biology, 2020, 43, e20190122.	0.6	7
255	Molecular characterization of ABC transporter-encoding genes in Aspergillus nidulans. Genetics and Molecular Research, 2002, 1, 337-49.	0.3	7
256	Sequence of theTrichoderma viridephosphoglycerate kinase gene. Nucleic Acids Research, 1990, 18, 6717-6717.	6.5	6
257	Dissecting the sugarcane expressed sequence tag (SUCEST) database: unraveling flower-specific genes. Genetics and Molecular Biology, 2001, 24, 77-84.	0.6	6
258	Dataset of differentially regulated proteins in HUVECs challenged with wild type and UGM1 mutant Aspergillus fumigatus strains. Data in Brief, 2016, 9, 24-31.	0.5	6
259	Ploidy Determination in the Pathogenic Fungus Sporothrix spp.. Frontiers in Microbiology, 2019, 10, 284.	1.5	6
260	Identification of a Topoisomerase I Mutant, scsA1, as an Extragenic Suppressor of a Mutation in scaANBS1, the Apparent Homolog of Human Nibrin in Aspergillus nidulans. Genetics, 2003, 164, 935-945.	1.2	6
261	SCI1, the first member of the tissue-specific inhibitors of CDK (TIC) class, is probably connected to the auxin signaling pathway. Plant Signaling and Behavior, 2012, 7, 53-58.	1.2	5
262	Editorial: Advances in the Regulation and Production of Fungal Enzymes by Transcriptomics, Proteomics and Recombinant Strains Design. Frontiers in Bioengineering and Biotechnology, 2019, 7, 157.	2.0	5
263	The Caspofungin Paradoxical Effect is a Tolerant â€œEagle Effectâ€•in the Filamentous Fungal Pathogen Aspergillus fumigatus. MBio, 2022, 13, e0044722.	1.8	5
264	Synergistic Antifungal Activity of Synthetic Peptides and Antifungal Drugs against Candida albicans and C. parapsilosis Biofilms. Antibiotics, 2022, 11, 553.	1.5	5
265	Morphological heterogeneity ofParacoccidioides brasiliensis: relevance of the Rho-like GTPasePbCDC42. Medical Mycology, 2012, 50, 768-774.	0.3	4
266	Aspergillus: Genomics of a Cosmopolitan Fungus. Soil Biology, 2013, , 89-126.	0.6	4
267	Nutrient Sensing at the Plasma Membrane of Fungal Cells. , 2017, , 417-439.		4
268	Draft Genome Sequences of Four Aspergillus Section Fumigati Clinical Strains. Microbiology Resource Announcements, 2020, 9, .	0.3	4
269	Estudos sobre a germinaÃ§Ã£o de sementes de marupÃ£ (Simaruba amara Aubl.). I. ComposiÃ§Ã£o quÃmica e curva de embebiÃ§Ã£o das sementes; germinaÃ§Ã£o em diferentes temperaturas.. Acta Amazonica, 1986, 16, 383-392.	0.3	3
270	A tobacco cDNA reveals two different transcription patterns in vegetative and reproductive organs. Brazilian Journal of Medical and Biological Research, 2002, 35, 861-868.	0.7	3

#	Article	IF	Citations
271	Functional characterization of the putative Aspergillus nidulans DNA damage binding protein homologue DdbA. Molecular Genetics and Genomics, 2008, 279, 239-253.	1.0	3
272	A novel cysteine-rich peptide regulates cell expansion in the tobacco pistil and influences its final size. Plant Science, 2018, 277, 55-67.	1.7	3
273	Unraveling Caspofungin Resistance in Cryptococcus neoformans. MBio, 2021, 12, .	1.8	3
274	VariaÃ§Ã£o espacial e temporal da irradiÃ¢ncia solar e da razÃ£o entre vermelho e vermelho - extremo que chegam ao solo em diferentes microhabitats na regiÃ£o de TucuruÃ– PA. Acta Amazonica, 1989, 19, 243-248.	0.3	3
275	Extensive Non-Coding Sequence Divergence Between the Major Human Pathogen Aspergillus fumigatus and its Relatives. Frontiers in Fungal Biology, 0, 3, .	0.9	3
276	The conserved and divergent roles of carbonic anhydrases in the filamentous fungi Aspergillus fumigatus and Aspergillus nidulans. Molecular Microbiology, 2009, 76, 802-802.	1.2	2
277	Analyses of Sexual Reproductive Success in Transgenic and/or Mutant Plants. Journal of Integrative Plant Biology, 2009, 51, 719-726.	4.1	2
278	Altered expression of genes related to innate antifungal immunity in the absence of galectin-3. Virulence, 2021, 12, 981-988.	1.8	2
279	Examining Signatures of Natural Selection in Antifungal Resistance Genes Across Aspergillus Fungi. Frontiers in Fungal Biology, 2021, 2, .	0.9	2
280	Gene expression analysis of Paracoccidioides brasiliensis transition from conidium to yeast cell. Medical Mycology, 0, , 1-9.	0.3	2
281	Identification of homologs of the mammalian P-glycoprotein in the mussel, Perna perna. Marine Environmental Research, 2000, 50, 333.	1.1	1
282	The DNA Damage Response of Filamentous Fungi: Novel Features Associated with a Multicellular Lifestyle. Applied Mycology and Biotechnology, 2005, 5, 117-139.	0.3	1
283	A reliable measure of similarity based on dependency for short time series: an application to gene expression networks. BMC Bioinformatics, 2009, 10, 270.	1.2	1
284	Sequence-independent cloning methods for long DNA fragments applied to synthetic biology. Analytical Biochemistry, 2017, 530, 5-8.	1.1	1
285	Editorial: An Omics Perspective on Fungal Infection: Toward Next-Generation Diagnosis and Therapy. Frontiers in Microbiology, 2017, 8, 85.	1.5	1
286	New Opportunities for Modern Fungal Biology. Frontiers in Fungal Biology, 2020, 1, .	0.9	1
287	Transcriptional Control of the Production of Aspergillus fumigatus Conidia-Borne Secondary Metabolite Fumiquinazoline C Important for Phagocytosis Protection. Genetics, 2021, 218, .	1.2	1
288	Fungal pathogenesis: A new venom. Current Biology, 2021, 31, R391-R394.	1.8	1

#	Article	IF	Citations
289	Enzymatic diversity of filamentous fungi isolated from forest soil incremented by sugar cane solid waste. Environmental Technology (United Kingdom), 2021, , 1-10.	1.2	1
290	Erratum to â€œNew restriction fragment length polymorphism (RFLP) markers for Aspergillus fumigatusâ€•[FEMS Immunol. Med. Microbiol. 31 (2001) 15â€“19]. FEMS Immunology and Medical Microbiology, 2003, 39, 287.	2.7	0
291	Genomics of Some Human Dimorphic Fungus. Applied Mycology and Biotechnology, 2005, 5, 301-313.	0.3	0
292	Morphogenesis in Paracoccidioides brasiliensis. Topics in Current Genetics, 2012, , 163-196.	0.7	0
293	Fungal biology in Brazil. Fungal Genetics and Biology, 2013, 60, 1.	0.9	0
294	Nutritional factors modulating plant and fruit susceptibility to pathogens: BARD workshop, Haifa, Israel, February 25â€“26, 2018. Phytoparasitica, 2020, 48, 317-333.	0.6	0
295	Aspergillus Fumigatus ZnfA, a Novel Zinc Finger Transcription Factor Involved in Calcium Metabolism and Caspofungin Tolerance. Frontiers in Fungal Biology, 2021, 2, .	0.9	0
296	Cloning and Characterization of Trichoderma Harzianum Genes Induced During Growth on Rhizoctonia Solani Cell Walls. Developments in Plant Pathology, 1996, , 133-137.	0.1	0
297	SAKrificing an Essential Stress-Sensing Pathway Improves Aspergillus fumigatus Germination. MSphere, 2022, 7, e0001022.	1.3	0
298	Inadvertent Selection of a Pathogenic Fungus Highlights Areas of Concern in Human Clinical Practices. Journal of Fungi (Basel, Switzerland), 2022, 8, 157.	1.5	0
299	Title is missing!. , 2020, 16, e1008996.		0
300	Title is missing!. , 2020, 16, e1008996.		0
301	Title is missing!. , 2020, 16, e1008996.		0
302	Title is missing!. , 2020, 16, e1008996.		0
303	Title is missing!. , 2019, 15, e1008551.		0
304	Title is missing!. , 2019, 15, e1008551.		0
305	Title is missing!. , 2019, 15, e1008551.		0
306	Title is missing!. , 2020, 16, e1008645.		0

#	Article	IF	Citations
307	Title is missing!. , 2020, 16, e1008645.		0
308	Title is missing!. , 2020, 16, e1008645.		0
309	Title is missing!. , 2020, 16, e1008645.		0
310	Title is missing!. , 2020, 16, e1008645.		0