Gustavo H. Goldman

List of Publications by Year
in descending order

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311 papers	22,448 citations	17440 63 h-index	11052 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.	9.1	4,701
2	Genomic sequence of the pathogenic and allergenic filamentous fungus Aspergillus fumigatus. Nature, 2005, 438, 1151-1156.	27.8	1,272
3	Sequencing of Aspergillus nidulans and comparative analysis with A. fumigatus and A. oryzae. Nature, 2005, 438, 1105-1115.	27.8	1,250
4	The genome sequence of the plant pathogen Xylella fastidiosa. Nature, 2000, 406, 151-157.	27.8	827
5	Genomic Islands in the Pathogenic Filamentous Fungus Aspergillus fumigatus. PLoS Genetics, 2008, 4, e1000046.	3.5	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.	8.8	417
7	Comparative Genomics of Two Leptospira interrogans Serovars Reveals Novel Insights into Physiology and Pathogenesis. Journal of Bacteriology, 2004, 186, 2164-2172.	2.2	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.	2.2	307
10	Scientific challenges of bioethanol production in Brazil. Applied Microbiology and Biotechnology, 2011, 91, 1267-1275.	3.6	291
11	Analysis and Functional Annotation of an Expressed Sequence Tag Collection for Tropical Crop Sugarcane. Genome Research, 2003, 13, 2725-2735.	5.5	254
12	Multiple Resistance Mechanisms among Aspergillus fumigatus Mutants with High-Level Resistance to Itraconazole. Antimicrobial Agents and Chemotherapy, 2003, 47, 1719-1726.	3.2	246
13	Molecular characterization of the proteinaseâ€encoding gene, <i>prb1</i>, related to mycoparasitism by <i>Trichoderma harzianum</i>. Molecular Microbiology, 1993, 8, 603-613.	2.5	235
14	Sub-Telomere Directed Gene Expression during Initiation of Invasive Aspergillosis. PLoS Pathogens, 2008, 4, e1000154.	4.7	228
15	Drivers of genetic diversity in secondary metabolic gene clusters within a fungal species. PLoS Biology, 2017, 15, e2003583.	5.6	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.	0.2	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.	7.1	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 <i>Aspergillus fumigatus</i> CRZ1 homologue, CrzA. Molecular Microbiology, 2008, 67, 1274-1291.	2.5	166
21	Comparative Genomic Analysis of Human Fungal Pathogens Causing Paracoccidioidomycosis. PLoS Genetics, 2011, 7, e1002345.	3.5	164
22	Epidemiological and Genomic Landscape of Azole Resistance Mechanisms in Aspergillus Fungi. Frontiers in Microbiology, 2016, 7, 1382.	3.5	153
23	Transcriptome analysis of Aspergillus fumigatus exposed to voriconazole. Current Genetics, 2006, 50, 32-44.	1.7	152
24	In Vitro Evolution of Itraconazole Resistance in Aspergillus fumigatus Involves Multiple Mechanisms of Resistance. Antimicrobial Agents and Chemotherapy, 2004, 48, 4405-4413.	3.2	142
25	The ergosterol biosynthesis pathway, transporter genes, and azole resistance in<i>Aspergillus fumigatus</i>. Medical Mycology, 2005, 43, 313-319.	0.7	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.	6.0	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.	2.5	127
30	Diverse Regulation of the CreA Carbon Catabolite Repressor in <i>Aspergillus nidulans</i>. Genetics, 2016, 203, 335-352.	2.9	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.	3.1	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.	7.1	123
33	Functional characterization of the Aspergillus fumigatus calcineurin. Fungal Genetics and Biology, 2007, 44, 219-230.	2.1	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.	2.6	119
36	Mitogen activated protein kinases SakA^{HOG1} and MpkC collaborate for <i>Aspergillus fumigatus</i> virulence. Molecular Microbiology, 2016, 100, 841-859.	2.5	110

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37	A Robust Phylogenomic Time Tree for Biotechnologically and Medically Important Fungi in the Genera <i>Aspergillus</i> and <i>Penicillium</i>. MBio, 2019, 10, .	4.1	106
38	Notes High-efficiency transformation system for the biocontrol agents, Trichoderma spp.. Molecular Microbiology, 1990, 4, 839-843.	2.5	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.	7.1	105
40	The Genome of Anopheles darlingi , the main neotropical malaria vector. Nucleic Acids Research, 2013, 41, 7387-7400.	14.5	102
41	The 2008 update of the Aspergillus nidulans genome annotation: A community effort. Fungal Genetics and Biology, 2009, 46, S2-S13.	2.1	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.	6.2	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.	1.8	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	<i>Aspergillus fumigatus</i> mitochondrial electron transport chain mediates oxidative stress homeostasis, hypoxia responses and fungal pathogenesis. Molecular Microbiology, 2012, 84, 383-399.	2.5	84
47	<i>Aspergillus fumigatus</i>MADS-Box Transcription Factor<i>rlmA</i>Is Required for Regulation of the Cell Wall Integrity and Virulence. G3: Genes, Genomes, Genetics, 2016, 6, 2983-3002.	1.8	83
48	Microsatellite Analysis of Three Phylogenetic Species of Paracoccidioides brasiliensis. Journal of Clinical Microbiology, 2006, 44, 2153-2157.	3.9	80
49	Filamentous fungal carbon catabolite repression supports metabolic plasticity and stress responses essential for disease progression. PLoS Pathogens, 2017, 13, e1006340.	4.7	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.	2.8	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.	2.8	76
53	Molecular and cellular biology of biocontrol by Trichoderma spp.. Trends in Biotechnology, 1994, 12, 478-482.	9.3	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	<i>AspergillusÂfumigatus</i>protein phosphatase PpzA is involved in iron assimilation, secondary metabolite production, and virulence. Cellular Microbiology, 2017, 19, e12770.	2.1	72
56	Fungal G-protein-coupled receptors: mediators of pathogenesis and targets for disease control. Nature Microbiology, 2018, 3, 402-414.	13.3	72
57	Transformation of Trichoderma harzianum by high-voltage electric pulse. Current Genetics, 1990, 17, 169-174.	1.7	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.	7.1	70
59	Regulation of <i>Aspergillus nidulans</i> CreA-Mediated Catabolite Repression by the F-Box Proteins Fbx23 and Fbx47. MBio, 2018, 9, .	4.1	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.	2.6	69
61	How nutritional status signalling coordinates metabolism and lignocellulolytic enzyme secretion. Fungal Genetics and Biology, 2014, 72, 48-63.	2.1	69
62	<scp>H</scp>igh osmolarity glycerol response <scp>PtcB</scp> phosphatase is important for <scp><i>A</i></scp><i>spergillus fumigatus</i> virulence. Molecular Microbiology, 2015, 96, 42-54.	2.5	69
63	The DNA Damage Response in Filamentous Fungi. Fungal Genetics and Biology, 2002, 35, 183-195.	2.1	68
64	Overview of carbon and nitrogen catabolite metabolism in the virulence of human pathogenic fungi. Molecular Microbiology, 2018, 107, 277-297.	2.5	68
65	Quantification of Xylella fastidiosa from Citrus Trees by Real-Time Polymerase Chain Reaction Assay. Phytopathology, 2002, 92, 1048-1054.	2.2	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.	2.1	67
67	The fungal threat to global food security. Fungal Biology, 2019, 123, 555-557.	2.5	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.	2.1	65
70	Analysis of the<i>Nicotiana tabacum</i>Stigma/Style Transcriptome Reveals Gene Expression Differences between Wet and Dry Stigma Species Â Â. Plant Physiology, 2009, 149, 1211-1230.	4.8	65
71	The <i>Aspergillus fumigatus</i> CrzA Transcription Factor Activates Chitin Synthase Gene Expression during the Caspofungin Paradoxical Effect. MBio, 2017, 8, .	4.1	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.	2.1	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><i>A</i></scp><i>spergillus fumigatus</i> highâ€osmolarity glycerol response (<scp>HOG</scp>) signalling pathway. Molecular Microbiology, 2014, 94, 655-674.	2.5	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.	3.6	59
77	Identification of possible targets of the Aspergillus fumigatus CRZ1 homologue, CrzA. BMC Microbiology, 2010, 10, 12.	3.3	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.	1.9	56
80	The Inhibition of Inflammasome by Brazilian Propolis (EPP-AF). Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-11.	1.2	56
81	Mitogen-Activated Protein Kinase Cross-Talk Interaction Modulates the Production of Melanins in Aspergillus fumigatus. MBio, 2019, 10, .	4.1	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.	2.5	55
83	Catalase activity is necessary for heat-shock recovery in Aspergillus nidulans germlings. Microbiology (United Kingdom), 1999, 145, 3229-3234.	1.8	55
84	Farnesol induces the transcriptional accumulation of the <i>Aspergillus nidulans</i> Apoptosisâ€Inducing Factor (AIF)â€like mitochondrial oxidoreductase. Molecular Microbiology, 2008, 70, 44-59.	2.5	54
85	Cdc42p controls yeast-cell shape and virulence of Paracoccidioides brasiliensis. Fungal Genetics and Biology, 2009, 46, 919-926.	2.1	54
86	ploidyNGS: visually exploring ploidy with Next Generation Sequencing data. Bioinformatics, 2017, 33, 2575-2576.	4.1	54
87	The Cell Biology of the Trichosporon-Host Interaction. Frontiers in Cellular and Infection Microbiology, 2017, 7, 118.	3.9	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.	0.9	52
89	Systematic Global Analysis of Genes Encoding Protein Phosphatases in Aspergillus fumigatus. G3: Genes, Genomes, Genetics, 2015, 5, 1525-1539.	1.8	52
90	Genome-wide transcriptome analysis of<i>Aspergillus fumigatus</i>exposed to osmotic stress reveals regulators of osmotic and cell wall stresses that are SakA^{HOG1}and MpkC dependent. Cellular Microbiology, 2017, 19, e12681.	2.1	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.	3.3	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.	3.5	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.	2.5	51
94	A genomic approach to the understanding of Xylella fastidiosa pathogenicity. Current Opinion in Microbiology, 2000, 3, 459-462.	5.1	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.	2.7	50
96	Variation Among Biosynthetic Gene Clusters, Secondary Metabolite Profiles, and Cards of Virulence Across <i>Aspergillus</i> Species. Genetics, 2020, 216, 481-497.	2.9	50
97	Low expression of sodium iodide symporter identifies aggressive thyroid tumors. Cancer Letters, 2003, 200, 85-91.	7.2	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.	2.5	48
100	Systemic lupus erythematosus and microchimerism in autoimmunity. Transplantation Proceedings, 2002, 34, 2951-2952.	0.6	47
101	Biological Roles Played by Sphingolipids in Dimorphic and Filamentous Fungi. MBio, 2018, 9, .	4.1	46
102	Extracellular Vesicles from Aspergillus flavus Induce M1 Polarization <i>In Vitro</i>. MSphere, 2020, 5, .	2.9	46
103	Functional Characterization of the Putative Aspergillus nidulans Poly(ADP-Ribose) Polymerase Homolog PrpA. Genetics, 2006, 173, 87-98.	2.9	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.	2.3	44
107	Fungicide effects on human fungal pathogens: Cross-resistance to medical drugs and beyond. PLoS Pathogens, 2021, 17, e1010073.	4.7	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 <i>Aspergillus fischeri</i> , a Close Relative of the Major Human Fungal Pathogen <i>Aspergillus fumigatus</i>. MSphere, 2019, 4, .	2.9	42
110	On and Under the Skin: Emerging Basidiomycetous Yeast Infections Caused by Trichosporon Species. PLoS Pathogens, 2015, 11, e1004982.	4.7	42
111	Genomics of Aspergillus fumigatus. Revista Iberoamericana De Micologia, 2005, 22, 223-228.	0.9	41
112	Carbon Catabolite Repression in Filamentous Fungi Is Regulated by Phosphorylation of the Transcription Factor CreA. MBio, 2021, 12, .	4.1	41
113	The Involvement of the Mid1/Cch1/Yvc1 Calcium Channels in Aspergillus fumigatus Virulence. PLoS ONE, 2014, 9, e103957.	2.5	41
114	The COP9 signalosome counteracts the accumulation of cullin SCF ubiquitin E3 RING ligases during fungal development. Molecular Microbiology, 2012, 83, 1162-1177.	2.5	40
115	Evolving moldy murderers: Aspergillus section Fumigati as a model for studying the repeated evolution of fungal pathogenicity. PLoS Pathogens, 2020, 16, e1008315.	4.7	40
116	Identification of Glucose Transporters in Aspergillus nidulans. PLoS ONE, 2013, 8, e81412.	2.5	39
117	Pathogenic Allodiploid Hybrids of Aspergillus Fungi. Current Biology, 2020, 30, 2495-2507.e7.	3.9	39
118	Identification of the cell targets important for propolis-induced cell death in Candida albicans. Fungal Genetics and Biology, 2013, 60, 74-86.	2.1	37
119	Molecular characterization and regulation of the phosphoglycerate kinase gene from Trichoderma viride. Molecular Microbiology, 1992, 6, 1231-1242.	2.5	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.	2.1	36
121	Involvement of the <i>Aspergillus nidulans</i> protein kinase C with farnesol tolerance is related to the unfolded protein response. Molecular Microbiology, 2010, 78, 1259-1279.	2.5	35
122	Comprehensive Analysis of Aspergillus nidulans PKA Phosphorylome Identifies a Novel Mode of CreA Regulation. MBio, 2019, 10, .	4.1	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.	3.5	35
124	Electrophoretic karyotype and gene assignment to resolved chromosomes of Trichoderma spp.. Molecular Microbiology, 1993, 7, 515-521.	2.5	34
125	Trichoderma harzianum genes induced during growth on Rhizoctonia solani cell walls. Microbiology (United Kingdom), 1995, 141, 767-774.	1.8	34
126	The cAMP pathway is important for controlling the morphological switch to the pathogenic yeast form of <i>Paracoccidioides brasiliensis</i>. Molecular Microbiology, 2007, 65, 761-779.	2.5	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><i>A</i></scp><i>spergillus nidulans</i> glucosylceramide pathway reveals that LCB Î”8â€desaturation and C9â€methylation are relevant to filamentous growth, lipid raft localization and <i>Ps</i>d1 defensin activity. Molecular Microbiology, 2016, 102, 488-505.	2.5	34
129	Aspergillus fumigatus calcium-responsive transcription factors regulate cell wall architecture promoting stress tolerance, virulence and caspofungin resistance. PLoS Genetics, 2019, 15, e1008551.	3.5	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.	1.2	33
131	The <i>Aspergillus fumigatus</i> SchA^{SCH9} kinase modulates SakA^{HOG1} MAP kinase activity and it is essential for virulence. Molecular Microbiology, 2016, 102, 642-671.	2.5	33
132	Protein Kinase A and High-Osmolarity Glycerol Response Pathways Cooperatively Control Cell Wall Carbohydrate Mobilization in <i>Aspergillus fumigatus</i>. MBio, 2018, 9, .	4.1	33
133	A Novel Cys2His2 Zinc Finger Homolog of AZF1 Modulates Holocellulase Expression in <i>Trichoderma reesei</i>. MSystems, 2019, 4, .	3.8	32
134	Gliotoxin, a Known Virulence Factor in the Major Human Pathogen Aspergillus fumigatus, Is Also Biosynthesized by Its Nonpathogenic Relative <i>Aspergillus fischeri</i>. MBio, 2020, 11, .	4.1	32
135	Diversity of Secondary Metabolism in Aspergillus nidulans Clinical Isolates. MSphere, 2020, 5, .	2.9	32
136	Functional Characterization of Clinical Isolates of the Opportunistic Fungal Pathogen Aspergillus nidulans. MSphere, 2020, 5, .	2.9	32
137	<i>Sugarwin</i>: A Sugarcane Insect-Induced Gene with Antipathogenic Activity. Molecular Plant-Microbe Interactions, 2012, 25, 613-624.	2.6	31
138	Gâ€protein coupled receptorâ€mediated nutrient sensing and developmental control in <scp><i>A</i></scp><i>spergillus nidulans</i>. Molecular Microbiology, 2015, 98, 420-439.	2.5	31
139	Genomic and Phenotypic Analysis of COVID-19-Associated Pulmonary Aspergillosis Isolates of Aspergillus fumigatus. Microbiology Spectrum, 2021, 9, e0001021.	3.0	31
140	Molecular identification of Paracoccidioides brasiliensis by 5â€² nuclease assay. Diagnostic Microbiology and Infectious Disease, 2002, 44, 383-386.	1.8	30
141	Regulation of Hyphal Morphogenesis and the DNA Damage Response by the Aspergillus nidulans ATM Homolog AtmA. Genetics, 2006, 173, 99-109.	2.9	30
142	The<i>Aspergillus nidulans</i>ATM Kinase Regulates Mitochondrial Function, Glucose Uptake and the Carbon Starvation Response. G3: Genes, Genomes, Genetics, 2014, 4, 49-62.	1.8	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.	3.9	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.	2.1	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.	2.1	29
146	GPCR-mediated glucose sensing system regulates light-dependent fungal development and mycotoxin production. PLoS Genetics, 2019, 15, e1008419.	3.5	29
147	Aspergillus fumigatus Transcription Factors Involved in the Caspofungin Paradoxical Effect. MBio, 2020, 11, .	4.1	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.	3.9	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.	2.1	27
151	The conserved and divergent roles of carbonic anhydrases in the filamentous fungi <i>Aspergillus fumigatus</i> and <i>Aspergillus nidulans</i>. Molecular Microbiology, 2010, 75, 1372-1388.	2.5	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.	4.0	27
153	The Aspergillus fumigatus transcription factor RglT is important for gliotoxin biosynthesis and self-protection, and virulence. PLoS Pathogens, 2020, 16, e1008645.	4.7	27
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