Gustavo H. Goldman

List of Publications by Citations

304 papers	17,043 citations	53 h-index	124 g-index
340 ext. papers	20,526 ext. citations	5.5 avg, IF	5.95 L-index

#	Paper	IF	Citations
304	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
303	Genomic sequence of the pathogenic and allergenic filamentous fungus Aspergillus fumigatus. *Nature*, **2005**, 438, 1151-6	50.4	1114
302	Sequencing of Aspergillus nidulans and comparative analysis with A. fumigatus and A. oryzae. *Nature*, **2005**, 438, 1105-15	50.4	1094
301	The genome sequence of the plant pathogen Xylella fastidiosa. The Xylella fastidiosa Consortium of the Organization for Nucleotide Sequencing and Analysis. *Nature*, **2000**, 406, 151-9	50.4	701
300	Genomic islands in the pathogenic filamentous fungus Aspergillus fumigatus. *PLoS Genetics*, **2008**, 4, e1000046	6	382
299	Comparative genomics of two Leptospira interrogans serovars reveals novel insights into physiology and pathogenesis. *Journal of Bacteriology*, **2004**, 186, 2164-72	3.5	330
298	The akuB(KU80) mutant deficient for nonhomologous end joining is a powerful tool for analyzing pathogenicity in Aspergillus fumigatus. *Eukaryotic Cell*, **2006**, 5, 207-11		316
297	Comparative analyses of the complete genome sequences of Pierce's disease and citrus variegated chlorosis strains of Xylella fastidiosa. *Journal of Bacteriology*, **2003**, 185, 1018-26	3.5	276
296	Comparative genomics reveals high biological diversity and specific adaptations in the industrially and medically important fungal genus Aspergillus. *Genome Biology*, **2017**, 18, 28	18.3	261
295	Multiple resistance mechanisms among Aspergillus fumigatus mutants with high-level resistance to itraconazole. *Antimicrobial Agents and Chemotherapy*, **2003**, 47, 1719-26	5.9	217
294	Scientific challenges of bioethanol production in Brazil. *Applied Microbiology and Biotechnology*, **2011**, 91, 1267-75	5.7	215
293	Molecular characterization of the proteinase-encoding gene, prb1, related to mycoparasitism by Trichoderma harzianum. *Molecular Microbiology*, **1993**, 8, 603-13	4.1	210
292	Analysis and functional annotation of an expressed sequence tag collection for tropical crop sugarcane. *Genome Research*, **2003**, 13, 2725-35	9.7	207
291	Sub-telomere directed gene expression during initiation of invasive aspergillosis. *PLoS Pathogens*, **2008**, 4, e1000154	7.6	191
290	Jasmonates are phytohormones with multiple functions, including plant defense and reproduction. *Genetics and Molecular Research*, **2010**, 9, 484-505	1.2	157
289	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, 3491-6	11.5	153
288	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		141

287	Comparative genomic analysis of human fungal pathogens causing paracoccidioidomycosis. *PLoS Genetics*, **2011**, 7, e1002345	6	132
286	Functional characterization of the Aspergillus fumigatus CRZ1 homologue, CrzA. *Molecular Microbiology*, **2008**, 67, 1274-91	4.1	129
285	Transcriptome analysis of Aspergillus fumigatus exposed to voriconazole. *Current Genetics*, **2006**, 50, 32-44	2.9	127
284	In vitro evolution of itraconazole resistance in Aspergillus fumigatus involves multiple mechanisms of resistance. *Antimicrobial Agents and Chemotherapy*, **2004**, 48, 4405-13	5.9	120
283	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, 1351-7	4.8	115
282	The ergosterol biosynthesis pathway, transporter genes, and azole resistance in Aspergillus fumigatus. *Medical Mycology*, **2005**, 43 Suppl 1, S313-9	3.9	111
281	Development of a low-cost cellulase production process using for Brazilian biorefineries. *Biotechnology for Biofuels*, **2017**, 10, 30	7.8	103
280	The genome sequence of the gram-positive sugarcane pathogen Leifsonia xyli subsp. xyli. *Molecular Plant-Microbe Interactions*, **2004**, 17, 827-36	3.6	103
279	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, 12103-8	11.5	103
278	Drivers of genetic diversity in secondary metabolic gene clusters within a fungal species. *PLoS Biology*, **2017**, 15, e2003583	9.7	102
277	Functional characterization of the Aspergillus fumigatus calcineurin. *Fungal Genetics and Biology*, **2007**, 44, 219-30	3.9	102
276	Transcriptome analysis of Paracoccidioides brasiliensis cells undergoing mycelium-to-yeast transition. *Eukaryotic Cell*, **2005**, 4, 2115-28		99
275	Epidemiological and Genomic Landscape of Azole Resistance Mechanisms in Fungi. *Frontiers in Microbiology*, **2016**, 7, 1382	5.7	98
274	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, 13418-23	11.5	93
273	Transcriptome analysis of Aspergillus niger grown on sugarcane bagasse. *Biotechnology for Biofuels* , **2011**, 4, 40	7.8	88
272	Diverse Regulation of the CreA Carbon Catabolite Repressor in Aspergillus nidulans. *Genetics*, **2016**, 203, 335-52	4	88
271	Comparative metabolism of cellulose, sophorose and glucose in Trichoderma reesei using high-throughput genomic and proteomic analyses. *Biotechnology for Biofuels*, **2014**, 7, 41	7.8	87
270	The 2008 update of the Aspergillus nidulans genome annotation: a community effort. *Fungal Genetics and Biology*, **2009**, 46 Suppl 1, S2-13	3.9	82

269	Mitochondrial genome diversity of Native Americans supports a single early entry of founder populations into America. *American Journal of Human Genetics*, **2002**, 71, 187-92	11	82
268	The genome of Anopheles darlingi, the main neotropical malaria vector. *Nucleic Acids Research*, **2013**, 41, 7387-400	20.1	80
267	High-efficiency transformation system for the biocontrol agents, Trichoderma spp. *Molecular Microbiology*, **1990**, 4, 839-43	4.1	80
266	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	2.9	79
265	Comparative Secretome Analysis of Trichoderma reesei and Aspergillus niger during Growth on Sugarcane Biomass. *PLoS ONE*, **2015**, 10, e0129275	3.7	76
264	Biological activities from extracts of endophytic fungi isolated from Viguiera arenaria and Tithonia diversifolia. *FEMS Immunology and Medical Microbiology*, **2008**, 52, 134-44		71
263	Functional characterisation of the non-essential protein kinases and phosphatases regulating Aspergillus nidulans hydrolytic enzyme production. *Biotechnology for Biofuels*, **2013**, 6, 91	7.8	67
262	Microsatellite analysis of three phylogenetic species of Paracoccidioides brasiliensis. *Journal of Clinical Microbiology*, **2006**, 44, 2153-7	9.7	65
261	Molecular and cellular biology of biocontrol by Trichoderma spp. *Trends in Biotechnology*, **1994**, 12, 478-82	15.1	64
260	Transformation of Trichoderma harzianum by high-voltage electric pulse. *Current Genetics*, **1990**, 17, 169-174	2.9	64
259	How nutritional status signalling coordinates metabolism and lignocellulolytic enzyme secretion. *Fungal Genetics and Biology*, **2014**, 72, 48-63	3.9	61
258	Aspergillus fumigatus mitochondrial electron transport chain mediates oxidative stress homeostasis, hypoxia responses and fungal pathogenesis. *Molecular Microbiology*, **2012**, 84, 383-99	4.1	61
257	Mitogen activated protein kinases SakA(HOG1) and MpkC collaborate for Aspergillus fumigatus virulence. *Molecular Microbiology*, **2016**, 100, 841-59	4.1	61
256	Analysis of gene expression in two growth states of Xylella fastidiosa and its relationship with pathogenicity. *Molecular Plant-Microbe Interactions*, **2003**, 16, 867-75	3.6	58
255	Quantification of Xylella fastidiosa from Citrus Trees by Real-Time Polymerase Chain Reaction Assay. *Phytopathology*, **2002**, 92, 1048-54	3.8	58
254	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, 12690-3	11.5	57
253	A Robust Phylogenomic Time Tree for Biotechnologically and Medically Important Fungi in the Genera and. *MBio*, **2019**, 10,	7.8	56
252	The DNA damage response in filamentous fungi. *Fungal Genetics and Biology*, **2002**, 35, 183-95	3.9	55

251	Involvement of an alternative oxidase in oxidative stress and mycelium-to-yeast differentiation in Paracoccidioides brasiliensis. *Eukaryotic Cell*, **2011**, 10, 237-48		53
250	Virulence of Paracoccidioides brasiliensis and gp43 expression in isolates bearing known PbGP43 genotype. *Microbes and Infection*, **2005**, 7, 55-65	9.3	53
249	Catalase activity is necessary for heat-shock recovery in Aspergillus nidulans germlings. *Microbiology (United Kingdom)*, **1999**, 145 (Pt 11), 3229-3234	2.9	50
248	Filamentous fungal carbon catabolite repression supports metabolic plasticity and stress responses essential for disease progression. *PLoS Pathogens*, **2017**, 13, e1006340	7.6	49
247	Cdc42p controls yeast-cell shape and virulence of Paracoccidioides brasiliensis. *Fungal Genetics and Biology*, **2009**, 46, 919-26	3.9	49
246	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, 667-77	3.1	48
245	Aspergillus nidulans as a model system to characterize the DNA damage response in eukaryotes. *Fungal Genetics and Biology*, **2004**, 41, 428-42	3.9	47
244	Functional characterization of a xylose transporter in Aspergillus nidulans. *Biotechnology for Biofuels*, **2014**, 7, 46	7.8	46
243	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	3.9	46
242	Aspergillus fumigatus MADS-Box Transcription Factor rlmA Is Required for Regulation of the Cell Wall Integrity and Virulence. *G3: Genes, Genomes, Genetics*, **2016**, 6, 2983-3002	3.2	46
241	Β(1-3),(1-6)-Glucans: medicinal activities, characterization, biosynthesis and new horizons. *Applied Microbiology and Biotechnology*, **2015**, 99, 7893-906	5.7	45
240	Farnesol induces the transcriptional accumulation of the Aspergillus nidulans Apoptosis-Inducing Factor (AIF)-like mitochondrial oxidoreductase. *Molecular Microbiology*, **2008**, 70, 44-59	4.1	45
239	Identification of possible targets of the Aspergillus fumigatus CRZ1 homologue, CrzA. *BMC Microbiology*, **2010**, 10, 12	4.5	44
238	Predicting the proteins of Angomonas deanei, Strigomonas culicis and their respective endosymbionts reveals new aspects of the trypanosomatidae family. *PLoS ONE*, **2013**, 8, e60209	3.7	43
237	Analysis of the Nicotiana tabacum stigma/style transcriptome reveals gene expression differences between wet and dry stigma species. *Plant Physiology*, **2009**, 149, 1211-30	6.6	43
236	A nucleotide substitution in one of the beta-tubulin genes of Trichoderma viride confers resistance to the antimitotic drug methyl benzimidazole-2-yl-carbamate. *Molecular Genetics and Genomics*, **1993**, 240, 73-80		42
235	Fungal G-protein-coupled receptors: mediators of pathogenesis and targets for disease control. *Nature Microbiology*, **2018**, 3, 402-414	26.6	41
234	High osmolarity glycerol response PtcB phosphatase is important for Aspergillus fumigatus virulence. *Molecular Microbiology*, **2015**, 96, 42-54	4.1	41

233	Functional characterization of the putative Aspergillus nidulans poly(ADP-ribose) polymerase homolog PrpA. *Genetics*, **2006**, 173, 87-98	4	41
232	Systemic lupus erythematosus and microchimerism in autoimmunity. *Transplantation Proceedings*, **2002**, 34, 2951-2	1.1	41
231	The contribution of Aspergillus fumigatus stress responses to virulence and antifungal resistance. *Journal of Microbiology*, **2016**, 54, 243-53	3	40
230	Molecular characterization of propolis-induced cell death in Saccharomyces cerevisiae. *Eukaryotic Cell*, **2011**, 10, 398-411		40
229	A genomic approach to the understanding of Xylella fastidiosa pathogenicity. *Current Opinion in Microbiology*, **2000**, 3, 459-62	7.9	40
228	Comparative transcriptome analysis reveals different strategies for degradation of steam-exploded sugarcane bagasse by Aspergillus niger and Trichoderma reesei. *BMC Genomics*, **2017**, 18, 501	4.5	39
227	Functional characterization of an Aspergillus fumigatus calcium transporter (PmcA) that is essential for fungal infection. *PLoS ONE*, **2012**, 7, e37591	3.7	39
226	Genome-wide transcriptome analysis of Aspergillus fumigatus exposed to osmotic stress reveals regulators of osmotic and cell wall stresses that are SakA and MpkC dependent. *Cellular Microbiology*, **2017**, 19, e12681	3.9	38
225	The fungal threat to global food security. *Fungal Biology*, **2019**, 123, 555-557	2.8	37
224	The CrzA Transcription Factor Activates Chitin Synthase Gene Expression during the Caspofungin Paradoxical Effect. *MBio*, **2017**, 8,	7.8	36
223	The Aspergillus fumigatus sitA Phosphatase Homologue Is Important for Adhesion, Cell Wall Integrity, Biofilm Formation, and Virulence. *Eukaryotic Cell*, **2015**, 14, 728-44		36
222	Molecular characterization of the putative transcription factor SebA involved in virulence in Aspergillus fumigatus. *Eukaryotic Cell*, **2012**, 11, 518-31		36
221	Aspergillus nidulans protein kinase A plays an important role in cellulase production. *Biotechnology for Biofuels*, **2015**, 8, 213	7.8	35
220	The Aspergillus fumigatus pkcA G579R 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	3.7	35
219	The importance of connections between the cell wall integrity pathway and the unfolded protein response in filamentous fungi. *Briefings in Functional Genomics*, **2014**, 13, 456-70	4.9	35
218	Low expression of sodium iodide symporter identifies aggressive thyroid tumors. *Cancer Letters*, **2003**, 200, 85-91	9.9	35
217	On and Under the Skin: Emerging Basidiomycetous Yeast Infections Caused by Trichosporon Species. *PLoS Pathogens*, **2015**, 11, e1004982	7.6	35
216	The Inhibition of Inflammasome by Brazilian Propolis (EPP-AF). *Evidence-based Complementary and Alternative Medicine*, **2013**, 2013, 418508	2.3	34

215	Genomics of Aspergillus fumigatus. *Revista Iberoamericana De Micologia*, **2005**, 22, 223-8	1.6	34
214	Identification and characterization of putative xylose and cellobiose transporters in. *Biotechnology for Biofuels*, **2016**, 9, 204	7.8	34
213	The Cell Biology of the -Host Interaction. *Frontiers in Cellular and Infection Microbiology*, **2017**, 7, 118	5.9	33
212	Involvement of the Aspergillus nidulans protein kinase C with farnesol tolerance is related to the unfolded protein response. *Molecular Microbiology*, **2010**, 78, 1259-79	4.1	32
211	Risk factors and outcome of pulmonary aspergillosis in critically ill coronavirus disease 2019 patients-a multinational observational study by the European Confederation of Medical Mycology. *Clinical Microbiology and Infection*, **2021**,	9.5	31
210	Mitogen-Activated Protein Kinase Cross-Talk Interaction Modulates the Production of Melanins in Aspergillus fumigatus. *MBio*, **2019**, 10,	7.8	30
209	Molecular characterization and regulation of the phosphoglycerate kinase gene from Trichoderma viride. *Molecular Microbiology*, **1992**, 6, 1231-42	4.1	30
208	Electrophoretic karyotype and gene assignment to resolved chromosomes of Trichoderma spp. *Molecular Microbiology*, **1993**, 7, 515-21	4.1	30
207	Identification of glucose transporters in Aspergillus nidulans. *PLoS ONE*, **2013**, 8, e81412	3.7	29
206	The involvement of the Mid1/Cch1/Yvc1 calcium channels in Aspergillus fumigatus virulence. *PLoS ONE*, **2014**, 9, e103957	3.7	29
205	Nutritional Heterogeneity Among Strains Has Consequences for Virulence in a Strain- and Host-Dependent Manner. *Frontiers in Microbiology*, **2019**, 10, 854	5.7	28
204	Identification of the cell targets important for propolis-induced cell death in Candida albicans. *Fungal Genetics and Biology*, **2013**, 60, 74-86	3.9	28
203	Regulation of hyphal morphogenesis and the DNA damage response by the Aspergillus nidulans ATM homolog AtmA. *Genetics*, **2006**, 173, 99-109	4	28
202	Overview of carbon and nitrogen catabolite metabolism in the virulence of human pathogenic fungi. *Molecular Microbiology*, **2018**, 107, 277-297	4.1	28
201	ploidyNGS: visually exploring ploidy with Next Generation Sequencing data. *Bioinformatics*, **2017**, 33, 2575-2576	7.2	27
200	Systematic Global Analysis of Genes Encoding Protein Phosphatases in Aspergillus fumigatus. *G3: Genes, Genomes, Genetics*, **2015**, 5, 1525-39	3.2	27
199	Gene disruption in Aspergillus fumigatus using a PCR-based strategy and in vivo recombination in yeast. *Methods in Molecular Biology*, **2012**, 845, 99-118	1.4	27
198	The COP9 signalosome counteracts the accumulation of cullin SCF ubiquitin E3 RING ligases during fungal development. *Molecular Microbiology*, **2012**, 83, 1162-77	4.1	27

197	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, 237-44		27
196	Chaetoglobosinas produzidas por Chaetomium globosum, fungo endofítico associado a Viguiera robusta Gardn. (Asteraceae). *Quimica Nova*, **2008**, 31, 1680-1685	1.6	26
195	Molecular identification of Paracoccidioides brasiliensis by 5'nuclease assay. *Diagnostic Microbiology and Infectious Disease*, **2002**, 44, 383-6	2.9	26
194	Trichoderma harzianum genes induced during growth on Rhizoctonia solani cell walls. *Microbiology (United Kingdom)*, **1995**, 141 (Pt 4), 767-74	2.9	26
193	Sugarwin: a sugarcane insect-induced gene with antipathogenic activity. *Molecular Plant-Microbe Interactions*, **2012**, 25, 613-24	3.6	25
192	The conserved and divergent roles of carbonic anhydrases in the filamentous fungi Aspergillus fumigatus and Aspergillus nidulans. *Molecular Microbiology*, **2010**, 75, 1372-88	4.1	25
191	Transcriptome analysis of Aspergillus nidulans exposed to camptothecin-induced DNA damage. *Eukaryotic Cell*, **2006**, 5, 1688-704		25
190	Regulation of CreA-Mediated Catabolite Repression by the F-Box Proteins Fbx23 and Fbx47. *MBio*, **2018**, 9,	7.8	25
189	The Aspergillus fumigatus SchA kinase modulates SakA MAP kinase activity and it is essential for virulence. *Molecular Microbiology*, **2016**, 102, 642-671	4.1	24
188	ChIP-seq reveals a role for CrzA in the Aspergillus fumigatus high-osmolarity glycerol response (HOG) signalling pathway. *Molecular Microbiology*, **2014**, 94, 655-74	4.1	24
187	G-protein coupled receptor-mediated nutrient sensing and developmental control in Aspergillus nidulans. *Molecular Microbiology*, **2015**, 98, 420-39	4.1	24
186	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, 1055-69	3.9	24
185	Transcriptome analysis and molecular studies on sulfur metabolism in the human pathogenic fungus Paracoccidioides brasiliensis. *Molecular Genetics and Genomics*, **2006**, 276, 450-63	3.1	24
184	Extracellular Vesicles from Aspergillus flavus Induce M1 Polarization. *MSphere*, **2020**, 5,	5	23
183	Analyses of the three 1-Cys Peroxiredoxins from Aspergillus fumigatus reveal that cytosolic Prx1 is central to HO metabolism and virulence. *Scientific Reports*, **2018**, 8, 12314	4.9	23
182	Aspergillus fumigatus protein phosphatase PpzA is involved in iron assimilation, secondary metabolite production, and virulence. *Cellular Microbiology*, **2017**, 19, e12770	3.9	23
181	The Aspergillus nidulans ATM kinase regulates mitochondrial function, glucose uptake and the carbon starvation response. *G3: Genes, Genomes, Genetics*, **2014**, 4, 49-62	3.2	23
180	Draft Genome Sequence of Komagataeibacter rhaeticus Strain AF1, a High Producer of Cellulose, Isolated from Kombucha Tea. *Genome Announcements*, **2014**, 2,		23

179	Evaluation of Mucoadhesive Gels with Propolis (EPP-AF) in Preclinical Treatment of Candidiasis Vulvovaginal Infection. *Evidence-based Complementary and Alternative Medicine*, **2013**, 2013, 641480	2.3	23
178	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, 5007-14	9.7	23
177	NtWBC1, an ABC transporter gene specifically expressed in tobacco reproductive organs. *Journal of Experimental Botany*, **2004**, 55, 1643-54	7	23
176	Biological Roles Played by Sphingolipids in Dimorphic and Filamentous Fungi. *MBio*, **2018**, 9,	7.8	23
175	Mapping the Fungal Battlefield: Using Chemistry and Deletion Mutants to Monitor Interspecific Chemical Interactions Between Fungi. *Frontiers in Microbiology*, **2019**, 10, 285	5.7	22
174	Characterizing the Pathogenic, Genomic, and Chemical Traits of , a Close Relative of the Major Human Fungal Pathogen. *MSphere*, **2019**, 4,	5	22
173	Protein Kinase A and High-Osmolarity Glycerol Response Pathways Cooperatively Control Cell Wall Carbohydrate Mobilization in. *MBio*, **2018**, 9,	7.8	22
172	Genomic and Phenotypic Heterogeneity of Clinical Isolates of the Human Pathogens , , and. *Frontiers in Genetics*, **2020**, 11, 459	4.5	21
171	The Aspergillus nidulans signalling mucin MsbA regulates starvation responses, adhesion and affects cellulase secretion in response to environmental cues. *Molecular Microbiology*, **2014**, 94, 1103	4.1	21
170	Molecular characterization of the Aspergillus nidulans fbxA encoding an F-box protein involved in xylanase induction. *Fungal Genetics and Biology*, **2012**, 49, 130-40	3.9	21
169	Different roles of the Mre11 complex in the DNA damage response in Aspergillus nidulans. *Molecular Microbiology*, **2003**, 48, 1693-709	4.1	21
168	Functional characterization of the Aspergillus nidulans glucosylceramide pathway reveals that LCB Δ8-desaturation and C9-methylation are relevant to filamentous growth, lipid raft localization and Psd1 defensin activity. *Molecular Microbiology*, **2016**, 102, 488-505	4.1	21
167	Identification of transcription elements in the 5′ 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, 347-56	3.9	20
166	cDNA cloning and functional expression of KM+, the mannose-binding lectin from Artocarpus integrifolia seeds. *Biochimica Et Biophysica Acta - General Subjects*, **2005**, 1726, 251-60	4	20
165	RNAseq reveals hydrophobins that are involved in the adaptation of Aspergillus nidulans to lignocellulose. *Biotechnology for Biofuels*, **2016**, 9, 145	7.8	20
164	Functional Characterization of Clinical Isolates of the Opportunistic Fungal Pathogen Aspergillus nidulans. *MSphere*, **2020**, 5,	5	20
163	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	3.9	19
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161	The development of animal infection models and antifungal efficacy assays against clinical isolates of Trichosporon asahii, T. asteroides and T. inkin. *Virulence*, **2015**, 6, 476-86	4.7	19
160	A transcript finishing initiative for closing gaps in the human transcriptome. *Genome Research*, **2004**, 14, 1413-23	9.7	19
159	The Aspergillus nidulans npkA gene encodes a Cdc2-related kinase that genetically interacts with the UvsBATR kinase. *Genetics*, **2004**, 167, 1629-41	4	19
158	Sensitivity to camptothecin in Aspergillus nidulans identifies a novel gene, scaA+, related to the cellular DNA damage response. *Molecular Genetics and Genomics*, **2001**, 265, 264-75	3.1	19
157	Variation Among Biosynthetic Gene Clusters, Secondary Metabolite Profiles, and Cards of Virulence Across Species. *Genetics*, **2020**, 216, 481-497	4	19
156	Comprehensive Analysis of Aspergillus nidulans PKA Phosphorylome Identifies a Novel Mode of CreA Regulation. *MBio*, **2019**, 10,	7.8	18
155	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,	7.8	18
154	Characterization of a novel sugar transporter involved in sugarcane bagasse degradation in. *Biotechnology for Biofuels*, **2018**, 11, 84	7.8	18
153	Mechanistic strategies for catalysis adopted by evolutionary distinct family 43 arabinanases. *Journal of Biological Chemistry*, **2014**, 289, 7362-73	5.4	18
152	Differential poisoning of human and Aspergillus nidulans DNA topoisomerase I by bi- and terbenzimidazoles. *Biochemistry*, **1997**, 36, 6488-94	3.2	18
151	The cAMP pathway is important for controlling the morphological switch to the pathogenic yeast form of Paracoccidioides brasiliensis. *Molecular Microbiology*, **2007**, 65, 761-79	4.1	18
150	Occurrence of insertion sequences within the genomes and Tn1546-like elements of glycopeptide-resistant enterococci isolated in Brazil, and identification of a novel element, ISEfa5. *International Journal of Medical Microbiology*, **2005**, 294, 513-9	3.7	18
149	Expression of Two Novel β-Glucosidases from Chaetomium atrobrunneum in Trichoderma reesei and Characterization of the Heterologous Protein Products. *Molecular Biotechnology*, **2016**, 58, 821-831	3	18
148	Diversity of Secondary Metabolism in Aspergillus nidulans Clinical Isolates. *MSphere*, **2020**, 5,	5	18
147	High Osmolarity Glycerol Mitogen Activated Protein Kinases SakA and MpkC Physically Interact During Osmotic and Cell Wall Stresses. *Frontiers in Microbiology*, **2019**, 10, 918	5.7	17
146	Evolving moldy murderers: Aspergillus section Fumigati as a model for studying the repeated evolution of fungal pathogenicity. *PLoS Pathogens*, **2020**, 16, e1008315	7.6	17
145	Transcriptional profiling of Brazilian Saccharomyces cerevisiae strains selected for semi-continuous fermentation of sugarcane must. *FEMS Yeast Research*, **2013**, 13, 277-90	3.1	17
144	Transcriptional profiling of Saccharomyces cerevisiae exposed to propolis. *BMC Complementary and Alternative Medicine*, **2012**, 12, 194	4.7	17

143	Transcriptome analysis of the Aspergillus nidulans AtmA (ATM, Ataxia-Telangiectasia mutated) null mutant. *Molecular Microbiology*, **2007**, 66, 74-99	4.1	17
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