

Gustavo H. Goldman

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3825569/gustavo-h-goldman-publications-by-year.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	SAKrificing an Essential Stress-Sensing Pathway Improves <i>Aspergillus fumigatus</i> Germination.. <i>MSphere</i> , 2022 , e0001022	5	
303	Chromatin profiling reveals heterogeneity in clinical isolates of the human pathogen <i>Aspergillus fumigatus</i> .. <i>PLoS Genetics</i> , 2022 , 18, e1010001	6	4
302	Regulation of gliotoxin biosynthesis and protection in <i>Aspergillus</i> species.. <i>PLoS Genetics</i> , 2022 , 18, e1009965	2	
301	The Caspofungin Paradoxical Effect is a Tolerant "Eagle Effect" in the Filamentous Fungal Pathogen .. <i>MBio</i> , 2022 , e0044722	7.8	1
300	Synergistic Antifungal Activity of Synthetic Peptides and Antifungal Drugs against <i>Candida albicans</i> and <i>C. parapsilosis</i> Biofilms. <i>Antibiotics</i> , 2022 , 11, 553	4.9	1
299	Fungicide effects on human fungal pathogens: Cross-resistance to medical drugs and beyond. <i>PLoS Pathogens</i> , 2021 , 17, e1010073	7.6	4
298	Heterogeneity in the transcriptional response of the human pathogen <i>Aspergillus fumigatus</i> to the antifungal agent caspofungin. <i>Genetics</i> , 2021 ,	4	4
297	Transcriptional Control of the Production of <i>Aspergillus fumigatus</i> Conidia-Borne Secondary Metabolite Fumiquinazoline C Important for Phagocytosis Protection. <i>Genetics</i> , 2021 , 218,	4	1
296	The Heat Shock Transcription Factor HsfA Is Essential for Thermotolerance and Regulates Cell Wall Integrity in. <i>Frontiers in Microbiology</i> , 2021 , 12, 656548	5.7	0
295	Fungal pathogenesis: A new venom. <i>Current Biology</i> , 2021 , 31, R391-R394	6.3	
294	Population genomic analysis of <i>Cryptococcus</i> Brazilian isolates reveals an African type subclade distribution. <i>G3: Genes, Genomes, Genetics</i> , 2021 ,	3.2	2
293	An evolutionary genomic approach reveals both conserved and species-specific genetic elements related to human disease in closely related <i>Aspergillus</i> fungi. <i>Genetics</i> , 2021 , 218,	4	2
292	Fungal Polysaccharides Promote Protective Immunity. <i>Trends in Microbiology</i> , 2021 , 29, 379-381	12.4	2
291	Enzymatic diversity of filamentous fungi isolated from forest soil incremented by sugar cane solid waste. <i>Environmental Technology (United Kingdom)</i> , 2021 , 1-21	2.6	
290	Nutrient sensing and acquisition in fungi: mechanisms promoting pathogenesis in plant and human hosts. <i>Fungal Biology Reviews</i> , 2021 , 36, 1-14	6.8	5
289	Novel Biological Functions of the NsdC Transcription Factor in <i>Aspergillus fumigatus</i> . <i>MBio</i> , 2021 , 12,	7.8	3
288	Altered expression of genes related to innate antifungal immunity in the absence of galectin-3. <i>Virulence</i> , 2021 , 12, 981-988	4.7	0

287	Verapamil inhibits efflux pumps in , exhibits synergism with fluconazole, and increases survival of. <i>Virulence</i> , 2021 , 12, 231-243	4.7	4
286	Genetic Interactions Between <i>Aspergillus fumigatus</i> Basic Leucine Zipper (bZIP) Transcription Factors AtfA, AtfB, AtfC, and AtfD. <i>Frontiers in Fungal Biology</i> , 2021 , 2,	0.3	5
285	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. <i>Clinical Microbiology and Infection</i> , 2021 ,	9.5	31
284	<i>Aspergillus fumigatus</i> Acetate Utilization Impacts Virulence Traits and Pathogenicity. <i>MBio</i> , 2021 , 12, e0168221	7.8	1
283	Screening of Chemical Libraries for New Antifungal Drugs against <i>Aspergillus fumigatus</i> Reveals Sphingolipids Are Involved in the Mechanism of Action of Miltefosine. <i>MBio</i> , 2021 , 12, e0145821	7.8	1
282	Genomic and Phenotypic Analysis of COVID-19-Associated Pulmonary Aspergillosis Isolates of <i>Aspergillus fumigatus</i> . <i>Microbiology Spectrum</i> , 2021 , 9, e0001021	8.9	15
281	Carbon Catabolite Repression in Filamentous Fungi Is Regulated by Phosphorylation of the Transcription Factor CreA. <i>MBio</i> , 2021 , 12,	7.8	14
280	Extracellular Vesicles from <i>Aspergillus flavus</i> Induce M1 Polarization. <i>MSphere</i> , 2020 , 5,	5	23
279	Genomic and Phenotypic Heterogeneity of Clinical Isolates of the Human Pathogens , , and. <i>Frontiers in Genetics</i> , 2020 , 11, 459	4.5	21
278	Phosphoproteomics of <i>Aspergillus fumigatus</i> Exposed to the Antifungal Drug Caspofungin. <i>MSphere</i> , 2020 , 5,	5	6
277	Gliotoxin, a Known Virulence Factor in the Major Human Pathogen <i>Aspergillus fumigatus</i> , Is Also Biosynthesized by Its Nonpathogenic Relative. <i>MBio</i> , 2020 , 11,	7.8	12
276	<i>Aspergillus fumigatus</i> Transcription Factors Involved in the Caspofungin Paradoxical Effect. <i>MBio</i> , 2020 , 11,	7.8	10
275	Evolving moldy murderers: <i>Aspergillus section Fumigati</i> as a model for studying the repeated evolution of fungal pathogenicity. <i>PLoS Pathogens</i> , 2020 , 16, e1008315	7.6	17
274	Pathogenic Allodiploid Hybrids of <i>Aspergillus</i> Fungi. <i>Current Biology</i> , 2020 , 30, 2495-2507.e7	6.3	15
273	The Cell Wall Integrity Pathway Contributes to the Early Stages of Asexual Development. <i>Applied and Environmental Microbiology</i> , 2020 , 86,	4.8	6
272	Nutritional factors modulating plant and fruit susceptibility to pathogens: BARD workshop, Haifa, Israel, February 25-26, 2018. <i>Phytoparasitica</i> , 2020 , 48, 317-333	1.5	
271	The <i>Aspergillus fumigatus</i> Phosphoproteome Reveals Roles of High-Osmolarity Glycerol Mitogen-Activated Protein Kinases in Promoting Cell Wall Damage and Caspofungin Tolerance. <i>MBio</i> , 2020 , 11,	7.8	18
270	Draft genome sequence of <i>Wickerhamomyces anomalus</i> LBCM1105, isolated from cachapli fermentation. <i>Genetics and Molecular Biology</i> , 2020 , 43, e20190122	2	2

269	Genomic and phenotypic analysis of COVID-19-associated pulmonary aspergillosis isolates of 2020 ,		1
268	Putative Membrane Receptors Contribute to Activation and Efficient Signaling of Mitogen-Activated Protein Kinase Cascades during Adaptation of <i>Aspergillus fumigatus</i> to Different Stressors and Carbon Sources. <i>MSphere</i> , 2020 , 5,	5	8
267	<i>Aspergillus fumigatus</i> G-Protein Coupled Receptors GprM and GprJ Are Important for the Regulation of the Cell Wall Integrity Pathway, Secondary Metabolite Production, and Virulence. <i>MBio</i> , 2020 , 11,	7.8	7
266	The <i>Aspergillus fumigatus</i> transcription factor RglT is important for gliotoxin biosynthesis and self-protection, and virulence. <i>PLoS Pathogens</i> , 2020 , 16, e1008645	7.6	8
265	Draft Genome Sequences of Four Section Clinical Strains. <i>Microbiology Resource Announcements</i> , 2020 , 9,	1.3	3
264	The High Osmolarity Glycerol Mitogen-Activated Protein Kinase regulates glucose catabolite repression in filamentous fungi. <i>PLoS Genetics</i> , 2020 , 16, e1008996	6	6
263	Variation Among Biosynthetic Gene Clusters, Secondary Metabolite Profiles, and Cards of Virulence Across Species. <i>Genetics</i> , 2020 , 216, 481-497	4	19
262	Diversity of Secondary Metabolism in <i>Aspergillus nidulans</i> Clinical Isolates. <i>MSphere</i> , 2020 , 5,	5	18
261	Functional Characterization of Clinical Isolates of the Opportunistic Fungal Pathogen <i>Aspergillus nidulans</i> . <i>MSphere</i> , 2020 , 5,	5	20
260	<i>Aspergillus fumigatus</i> . <i>Trends in Microbiology</i> , 2020 , 28, 594-595	12.4	5
259	The High Osmolarity Glycerol Mitogen-Activated Protein Kinase regulates glucose catabolite repression in filamentous fungi 2020 , 16, e1008996		
258	The High Osmolarity Glycerol Mitogen-Activated Protein Kinase regulates glucose catabolite repression in filamentous fungi 2020 , 16, e1008996		
257	The High Osmolarity Glycerol Mitogen-Activated Protein Kinase regulates glucose catabolite repression in filamentous fungi 2020 , 16, e1008996		
256	The High Osmolarity Glycerol Mitogen-Activated Protein Kinase regulates glucose catabolite repression in filamentous fungi 2020 , 16, e1008996		
255	The <i>Aspergillus fumigatus</i> transcription factor RglT is important for gliotoxin biosynthesis and self-protection, and virulence 2020 , 16, e1008645		
254	The <i>Aspergillus fumigatus</i> transcription factor RglT is important for gliotoxin biosynthesis and self-protection, and virulence 2020 , 16, e1008645		
253	The <i>Aspergillus fumigatus</i> transcription factor RglT is important for gliotoxin biosynthesis and self-protection, and virulence 2020 , 16, e1008645		
252	The <i>Aspergillus fumigatus</i> transcription factor RglT is important for gliotoxin biosynthesis and self-protection, and virulence 2020 , 16, e1008645		

251	The <i>Aspergillus fumigatus</i> transcription factor RglT is important for gliotoxin biosynthesis and self-protection, and virulence 2020 , 16, e1008645		
250	Nutritional Heterogeneity Among Strains Has Consequences for Virulence in a Strain- and Host-Dependent Manner. <i>Frontiers in Microbiology</i> , 2019 , 10, 854	5.7	28
249	A Novel Cys2His2 Zinc Finger Homolog of AZF1 Modulates Holocellulase Expression in. <i>MSystems</i> , 2019 , 4,	7.6	14
248	High Osmolarity Glycerol Mitogen Activated Protein Kinases SakA and MpkC Physically Interact During Osmotic and Cell Wall Stresses. <i>Frontiers in Microbiology</i> , 2019 , 10, 918	5.7	17
247	Comprehensive Analysis of <i>Aspergillus nidulans</i> PKA Phosphorylome Identifies a Novel Mode of CreA Regulation. <i>MBio</i> , 2019 , 10,	7.8	18
246	Mitogen-Activated Protein Kinase Cross-Talk Interaction Modulates the Production of Melanins in <i>Aspergillus fumigatus</i> . <i>MBio</i> , 2019 , 10,	7.8	30
245	Ploidy Determination in the Pathogenic Fungus spp. <i>Frontiers in Microbiology</i> , 2019 , 10, 284	5.7	2
244	The fungal threat to global food security. <i>Fungal Biology</i> , 2019 , 123, 555-557	2.8	37
243	Mapping the Fungal Battlefield: Using Chemistry and Deletion Mutants to Monitor Interspecific Chemical Interactions Between Fungi. <i>Frontiers in Microbiology</i> , 2019 , 10, 285	5.7	22
242	The <i>Aspergillus fumigatus</i> Mismatch Repair Homolog Is Important for Virulence and Azole Resistance. <i>MSphere</i> , 2019 , 4,	5	12
241	A Robust Phylogenomic Time Tree for Biotechnologically and Medically Important Fungi in the Genera and. <i>MBio</i> , 2019 , 10,	7.8	56
240	GPCR-mediated glucose sensing system regulates light-dependent fungal development and mycotoxin production. <i>PLoS Genetics</i> , 2019 , 15, e1008419	6	12
239	Characterizing the Pathogenic, Genomic, and Chemical Traits of , a Close Relative of the Major Human Fungal Pathogen. <i>MSphere</i> , 2019 , 4,	5	22
238	Broad Substrate-Specific Phosphorylation Events Are Associated With the Initial Stage of Plant Cell Wall Recognition in. <i>Frontiers in Microbiology</i> , 2019 , 10, 2317	5.7	14
237	Potential of Gallium as an Antifungal Agent. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019 , 9, 414	5.9	14
236	<i>Aspergillus fumigatus</i> calcium-responsive transcription factors regulate cell wall architecture promoting stress tolerance, virulence and caspofungin resistance. <i>PLoS Genetics</i> , 2019 , 15, e1008551	6	16
235	Endo- β 1,3-glucanase (GH16 Family) from Participates in Cell Wall Biogenesis but Is Not Essential for Antagonism Against Plant Pathogens. <i>Biomolecules</i> , 2019 , 9,	5.9	11
234	<i>Aspergillus fumigatus</i> calcium-responsive transcription factors regulate cell wall architecture promoting stress tolerance, virulence and caspofungin resistance 2019 , 15, e1008551		

233	Aspergillus fumigatus calcium-responsive transcription factors regulate cell wall architecture promoting stress tolerance, virulence and caspofungin resistance 2019 , 15, e1008551		
232	Aspergillus fumigatus calcium-responsive transcription factors regulate cell wall architecture promoting stress tolerance, virulence and caspofungin resistance 2019 , 15, e1008551		
231	Cacha yeast strains: alternative starters to produce beer and bioethanol. <i>Antonie Van Leeuwenhoek</i> , 2018 , 111, 1749-1766	2.1	15
230	Characterization of a novel sugar transporter involved in sugarcane bagasse degradation in. <i>Biotechnology for Biofuels</i> , 2018 , 11, 84	7.8	18
229	Mitogen activated protein kinases (MAPK) and protein phosphatases are involved in adhesion and biofilm formation. <i>Cell Surface</i> , 2018 , 1, 43-56	4.8	12
228	Fungal G-protein-coupled receptors: mediators of pathogenesis and targets for disease control. <i>Nature Microbiology</i> , 2018 , 3, 402-414	26.6	41
227	The Genome of a Thermo Tolerant, Pathogenic Albino. <i>Frontiers in Microbiology</i> , 2018 , 9, 1827	5.7	5
226	Analyses of the three 1-Cys Peroxiredoxins from Aspergillus fumigatus reveal that cytosolic Prx1 is central to HO metabolism and virulence. <i>Scientific Reports</i> , 2018 , 8, 12314	4.9	23
225	Regulation of CreA-Mediated Catabolite Repression by the F-Box Proteins Fbx23 and Fbx47. <i>MBio</i> , 2018 , 9,	7.8	25
224	Overview of carbon and nitrogen catabolite metabolism in the virulence of human pathogenic fungi. <i>Molecular Microbiology</i> , 2018 , 107, 277-297	4.1	28
223	The Influence of Genetic Stability on Virulence and Azole Resistance. <i>G3: Genes, Genomes, Genetics</i> , 2018 , 8, 265-278	3.2	8
222	Protein Kinase A and High-Osmolarity Glycerol Response Pathways Cooperatively Control Cell Wall Carbohydrate Mobilization in. <i>MBio</i> , 2018 , 9,	7.8	22
221	A novel cysteine-rich peptide regulates cell expansion in the tobacco pistil and influences its final size. <i>Plant Science</i> , 2018 , 277, 55-67	5.3	0
220	Biological Roles Played by Sphingolipids in Dimorphic and Filamentous Fungi. <i>MBio</i> , 2018 , 9,	7.8	23
219	The Pyruvate Dehydrogenase Kinases Are Essential To Integrate Carbon Source Metabolism. <i>G3: Genes, Genomes, Genetics</i> , 2018 , 8, 2445-2463	3.2	9
218	Modifications to the composition of the hyphal outer layer of Aspergillus fumigatus modulates HUVEC proteins related to inflammatory and stress responses. <i>Journal of Proteomics</i> , 2017 , 151, 83-96	3.9	9
217	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. <i>Fungal Genetics and Biology</i> , 2017 , 102, 4-21	3.9	19
216	Comparative genomics reveals high biological diversity and specific adaptations in the industrially and medically important fungal genus Aspergillus. <i>Genome Biology</i> , 2017 , 18, 28	18.3	261

215	Nutrient Sensing at the Plasma Membrane of Fungal Cells. <i>Microbiology Spectrum</i> , 2017 , 5,	8.9	14
214	Development of a low-cost cellulase production process using for Brazilian biorefineries. <i>Biotechnology for Biofuels</i> , 2017 , 10, 30	7.8	103
213	Sequence-independent cloning methods for long DNA fragments applied to synthetic biology. <i>Analytical Biochemistry</i> , 2017 , 530, 5-8	3.1	1
212	The CrzA Transcription Factor Activates Chitin Synthase Gene Expression during the Caspofungin Paradoxical Effect. <i>MBio</i> , 2017 , 8,	7.8	36
211	The low affinity glucose transporter HxtB is also involved in glucose signalling and metabolism in <i>Aspergillus nidulans</i> . <i>Scientific Reports</i> , 2017 , 7, 45073	4.9	15
210	ploidyNGS: visually exploring ploidy with Next Generation Sequencing data. <i>Bioinformatics</i> , 2017 , 33, 2575-2576	7.2	27
209	Filamentous fungal carbon catabolite repression supports metabolic plasticity and stress responses essential for disease progression. <i>PLoS Pathogens</i> , 2017 , 13, e1006340	7.6	49
208	Drivers of genetic diversity in secondary metabolic gene clusters within a fungal species. <i>PLoS Biology</i> , 2017 , 15, e2003583	9.7	102
207	<i>Aspergillus fumigatus</i> protein phosphatase PpzA is involved in iron assimilation, secondary metabolite production, and virulence. <i>Cellular Microbiology</i> , 2017 , 19, e12770	3.9	23
206	Comparative transcriptome analysis reveals different strategies for degradation of steam-exploded sugarcane bagasse by <i>Aspergillus niger</i> and <i>Trichoderma reesei</i> . <i>BMC Genomics</i> , 2017 , 18, 501	4.5	39
205	Genome-wide transcriptome analysis of <i>Aspergillus fumigatus</i> exposed to osmotic stress reveals regulators of osmotic and cell wall stresses that are Saka and MpkC dependent. <i>Cellular Microbiology</i> , 2017 , 19, e12681	3.9	38
204	The putative flavin carrier family FlcA-C is important for <i>Aspergillus fumigatus</i> virulence. <i>Virulence</i> , 2017 , 8, 797-809	4.7	6
203	Nutrient Sensing at the Plasma Membrane of Fungal Cells 2017 , 417-439		4
202	The Cell Biology of the -Host Interaction. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 118	5.9	33
201	A Reliable Assay to Evaluate the Virulence of <i>Aspergillus nidulans</i> Using the Alternative Animal Model <i>Galleria mellonella</i> (Lepidoptera). <i>Bio-protocol</i> , 2017 , 7,	0.9	7
200	The <i>Aspergillus fumigatus</i> SchA kinase modulates Saka MAP kinase activity and it is essential for virulence. <i>Molecular Microbiology</i> , 2016 , 102, 642-671	4.1	24
199	Novel homologous lactate transporter improves L-lactic acid production from glycerol in recombinant strains of <i>Pichia pastoris</i> . <i>Microbial Cell Factories</i> , 2016 , 15, 158	6.4	19
198	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838

197	The contribution of <i>Aspergillus fumigatus</i> stress responses to virulence and antifungal resistance. <i>Journal of Microbiology</i> , 2016 , 54, 243-53	3	40
196	Insights into the plant polysaccharide degradation potential of the xylanolytic yeast <i>Pseudozyma brasiliensis</i> . <i>FEMS Yeast Research</i> , 2016 , 16, fov117	3.1	7
195	Epidemiological and Genomic Landscape of Azole Resistance Mechanisms in Fungi. <i>Frontiers in Microbiology</i> , 2016 , 7, 1382	5.7	98
194	RNAseq reveals hydrophobins that are involved in the adaptation of <i>Aspergillus nidulans</i> to lignocellulose. <i>Biotechnology for Biofuels</i> , 2016 , 9, 145	7.8	20
193	Mitogen activated protein kinases SakA(HOG1) and MpkC collaborate for <i>Aspergillus fumigatus</i> virulence. <i>Molecular Microbiology</i> , 2016 , 100, 841-59	4.1	61
192	Identification and characterization of putative xylose and cellobiose transporters in. <i>Biotechnology for Biofuels</i> , 2016 , 9, 204	7.8	34
191	<i>Aspergillus fumigatus</i> MADS-Box Transcription Factor rlmA Is Required for Regulation of the Cell Wall Integrity and Virulence. <i>G3: Genes, Genomes, Genetics</i> , 2016 , 6, 2983-3002	3.2	46
190	Diverse Regulation of the CreA Carbon Catabolite Repressor in <i>Aspergillus nidulans</i> . <i>Genetics</i> , 2016 , 203, 335-52	4	88
189	Dataset of differentially regulated proteins in HUVECs challenged with wild type and UGM1 mutant <i>Aspergillus fumigatus</i> strains. <i>Data in Brief</i> , 2016 , 9, 24-31	1.2	6
188	Expression of Two Novel β -Glucosidases from <i>Chaetomium atrobrunneum</i> in <i>Trichoderma reesei</i> and Characterization of the Heterologous Protein Products. <i>Molecular Biotechnology</i> , 2016 , 58, 821-831 ³		18
187	Functional characterization of the <i>Aspergillus nidulans</i> glucosylceramide pathway reveals that LCB β -desaturation and C9-methylation are relevant to filamentous growth, lipid raft localization and Psd1 defensin activity. <i>Molecular Microbiology</i> , 2016 , 102, 488-505	4.1	21
186	β (1- β), (1- β)-Glucans: medicinal activities, characterization, biosynthesis and new horizons. <i>Applied Microbiology and Biotechnology</i> , 2015 , 99, 7893-906	5.7	45
185	<i>Aspergillus nidulans</i> protein kinase A plays an important role in cellulase production. <i>Biotechnology for Biofuels</i> , 2015 , 8, 213	7.8	35
184	G-protein coupled receptor-mediated nutrient sensing and developmental control in <i>Aspergillus nidulans</i> . <i>Molecular Microbiology</i> , 2015 , 98, 420-39	4.1	24
183	Draft Genome Sequence of <i>Komagataeibacter intermedius</i> Strain AF2, a Producer of Cellulose, Isolated from Kombucha Tea. <i>Genome Announcements</i> , 2015 , 3,		7
182	The <i>Aspergillus fumigatus</i> 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. <i>PLoS ONE</i> , 2015 , 10, e0135195	3.7	35
181	Comparative Secretome Analysis of <i>Trichoderma reesei</i> and <i>Aspergillus niger</i> during Growth on Sugarcane Biomass. <i>PLoS ONE</i> , 2015 , 10, e0129275	3.7	76
180	Pollination triggers female gametophyte development in immature <i>Nicotiana tabacum</i> flowers. <i>Frontiers in Plant Science</i> , 2015 , 6, 561	6.2	9

179	The development of animal infection models and antifungal efficacy assays against clinical isolates of <i>Trichosporon asahii</i> , <i>T. asteroides</i> and <i>T. inkin</i> . <i>Virulence</i> , 2015 , 6, 476-86	4.7	19
178	The <i>Aspergillus fumigatus</i> sitA Phosphatase Homologue Is Important for Adhesion, Cell Wall Integrity, Biofilm Formation, and Virulence. <i>Eukaryotic Cell</i> , 2015 , 14, 728-44		36
177	Fetal microchimerism in kidney biopsies of lupus nephritis patients may be associated with a beneficial effect. <i>Arthritis Research and Therapy</i> , 2015 , 17, 101	5.7	5
176	Multiple Phosphatases Regulate Carbon Source-Dependent Germination and Primary Metabolism in <i>Aspergillus nidulans</i> . <i>G3: Genes, Genomes, Genetics</i> , 2015 , 5, 857-72	3.2	13
175	Systematic Global Analysis of Genes Encoding Protein Phosphatases in <i>Aspergillus fumigatus</i> . <i>G3: Genes, Genomes, Genetics</i> , 2015 , 5, 1525-39	3.2	27
174	High osmolarity glycerol response PtcB phosphatase is important for <i>Aspergillus fumigatus</i> virulence. <i>Molecular Microbiology</i> , 2015 , 96, 42-54	4.1	41
173	On and Under the Skin: Emerging Basidiomycetous Yeast Infections Caused by <i>Trichosporon</i> Species. <i>PLoS Pathogens</i> , 2015 , 11, e1004982	7.6	35
172	Mechanistic strategies for catalysis adopted by evolutionary distinct family 43 arabinanases. <i>Journal of Biological Chemistry</i> , 2014 , 289, 7362-73	5.4	18
171	ChIP-seq reveals a role for CrzA in the <i>Aspergillus fumigatus</i> high-osmolarity glycerol response (HOG) signalling pathway. <i>Molecular Microbiology</i> , 2014 , 94, 655-74	4.1	24
170	How nutritional status signalling coordinates metabolism and lignocellulolytic enzyme secretion. <i>Fungal Genetics and Biology</i> , 2014 , 72, 48-63	3.9	61
169	Comparative metabolism of cellulose, sophorose and glucose in <i>Trichoderma reesei</i> using high-throughput genomic and proteomic analyses. <i>Biotechnology for Biofuels</i> , 2014 , 7, 41	7.8	87
168	Functional characterization of a xylose transporter in <i>Aspergillus nidulans</i> . <i>Biotechnology for Biofuels</i> , 2014 , 7, 46	7.8	46
167	Biochemical characterization of an endoxylanase from <i>Pseudozyma brasiliensis</i> sp. nov. strain GHG001 isolated from the intestinal tract of Chrysomelidae larvae associated to sugarcane roots. <i>Process Biochemistry</i> , 2014 , 49, 77-83	4.8	16
166	<i>Pseudozyma brasiliensis</i> sp. nov., a xylanolytic, ustilaginomycetous yeast species isolated from an insect pest of sugarcane roots. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 2159-2168	2.2	14
165	The sugarcane defense protein SUGARWIN2 causes cell death in <i>Colletotrichum falcatum</i> but not in non-pathogenic fungi. <i>PLoS ONE</i> , 2014 , 9, e91159	3.7	14
164	The <i>Aspergillus nidulans</i> ATM kinase regulates mitochondrial function, glucose uptake and the carbon starvation response. <i>G3: Genes, Genomes, Genetics</i> , 2014 , 4, 49-62	3.2	23
163	The <i>Aspergillus nidulans</i> signalling mucin MsbA regulates starvation responses, adhesion and affects cellulase secretion in response to environmental cues. <i>Molecular Microbiology</i> , 2014 , 94, 1103	4.1	21
162	The importance of connections between the cell wall integrity pathway and the unfolded protein response in filamentous fungi. <i>Briefings in Functional Genomics</i> , 2014 , 13, 456-70	4.9	35

161	Draft Genome Sequence of <i>Komagataeibacter rhaeticus</i> Strain AF1, a High Producer of Cellulose, Isolated from Kombucha Tea. <i>Genome Announcements</i> , 2014 , 2,		23
160	The involvement of the Mid1/Cch1/Yvc1 calcium channels in <i>Aspergillus fumigatus</i> virulence. <i>PLoS ONE</i> , 2014 , 9, e103957	3.7	29
159	Protein kinase C overexpression suppresses calcineurin-associated defects in <i>Aspergillus nidulans</i> and is involved in mitochondrial function. <i>PLoS ONE</i> , 2014 , 9, e104792	3.7	9
158	Functional characterisation of the non-essential protein kinases and phosphatases regulating <i>Aspergillus nidulans</i> hydrolytic enzyme production. <i>Biotechnology for Biofuels</i> , 2013 , 6, 91	7.8	67
157	Identification of the cell targets important for propolis-induced cell death in <i>Candida albicans</i> . <i>Fungal Genetics and Biology</i> , 2013 , 60, 74-86	3.9	28
156	The influence of <i>Aspergillus niger</i> transcription factors AraR and XlnR in the gene expression during growth in D-xylose, L-arabinose and steam-exploded sugarcane bagasse. <i>Fungal Genetics and Biology</i> , 2013 , 60, 29-45	3.9	46
155	<i>Aspergillus</i> : Genomics of a Cosmopolitan Fungus. <i>Soil Biology</i> , 2013 , 89-126	1	2
154	Transcriptional profiling of Brazilian <i>Saccharomyces cerevisiae</i> strains selected for semi-continuous fermentation of sugarcane must. <i>FEMS Yeast Research</i> , 2013 , 13, 277-90	3.1	17
153	Draft Genome Sequence of <i>Pseudozyma brasiliensis</i> sp. nov. Strain GHG001, a High Producer of Endo-1,4-Xylanase Isolated from an Insect Pest of Sugarcane. <i>Genome Announcements</i> , 2013 , 1,		9
152	The genome of <i>Anopheles darlingi</i> , the main neotropical malaria vector. <i>Nucleic Acids Research</i> , 2013 , 41, 7387-400	20.1	80
151	TLR9 activation dampens the early inflammatory response to <i>Paracoccidioides brasiliensis</i> , impacting host survival. <i>PLoS Neglected Tropical Diseases</i> , 2013 , 7, e2317	4.8	13
150	Genetic bypass of <i>Aspergillus nidulans</i> crzA function in calcium homeostasis. <i>G3: Genes, Genomes, Genetics</i> , 2013 , 3, 1129-41	3.2	7
149	Evaluation of Mucoadhesive Gels with Propolis (EPP-AF) in Preclinical Treatment of Candidiasis Vulvovaginal Infection. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013 , 2013, 641480	2.3	23
148	Functional characterization of <i>Aspergillus nidulans</i> ypkA, a homologue of the mammalian kinase SGK. <i>PLoS ONE</i> , 2013 , 8, e57630	3.7	16
147	Predicting the proteins of <i>Angomonas deanei</i> , <i>Strigomonas culicis</i> and their respective endosymbionts reveals new aspects of the trypanosomatidae family. <i>PLoS ONE</i> , 2013 , 8, e60209	3.7	43
146	Identification of metabolic pathways influenced by the G-protein coupled receptors GprB and GprD in <i>Aspergillus nidulans</i> . <i>PLoS ONE</i> , 2013 , 8, e62088	3.7	16
145	<i>P. brasiliensis</i> virulence is affected by SconC, the negative regulator of inorganic sulfur assimilation. <i>PLoS ONE</i> , 2013 , 8, e74725	3.7	13
144	Identification of glucose transporters in <i>Aspergillus nidulans</i> . <i>PLoS ONE</i> , 2013 , 8, e81412	3.7	29

143	The Inhibition of Inflammasome by Brazilian Propolis (EPP-AF). <i>Evidence-based Complementary and Alternative Medicine</i> , 2013 , 2013, 418508	2.3	34
142	Sugarwin: a sugarcane insect-induced gene with antipathogenic activity. <i>Molecular Plant-Microbe Interactions</i> , 2012 , 25, 613-24	3.6	25
141	Morphological heterogeneity of <i>Paracoccidioides brasiliensis</i> : relevance of the Rho-like GTPase PbCDC42. <i>Medical Mycology</i> , 2012 , 50, 768-74	3.9	3
140	Molecular characterization of the <i>Aspergillus nidulans</i> fbxA encoding an F-box protein involved in xylanase induction. <i>Fungal Genetics and Biology</i> , 2012 , 49, 130-40	3.9	21
139	<i>Aspergillus fumigatus</i> mitochondrial electron transport chain mediates oxidative stress homeostasis, hypoxia responses and fungal pathogenesis. <i>Molecular Microbiology</i> , 2012 , 84, 383-99	4.1	61
138	<i>Aspergillus fumigatus</i> calcineurin interacts with a nucleoside diphosphate kinase. <i>Microbes and Infection</i> , 2012 , 14, 922-9	9.3	12
137	Morphogenesis in <i>Paracoccidioides brasiliensis</i> . <i>Topics in Current Genetics</i> , 2012 , 163-196		
136	Functional characterization of an <i>Aspergillus fumigatus</i> calcium transporter (PmcA) that is essential for fungal infection. <i>PLoS ONE</i> , 2012 , 7, e37591	3.7	39
135	Gene disruption in <i>Aspergillus fumigatus</i> using a PCR-based strategy and in vivo recombination in yeast. <i>Methods in Molecular Biology</i> , 2012 , 845, 99-118	1.4	27
134	The COP9 signalosome counteracts the accumulation of cullin SCF ubiquitin E3 RING ligases during fungal development. <i>Molecular Microbiology</i> , 2012 , 83, 1162-77	4.1	27
133	SCI1, the first member of the tissue-specific inhibitors of CDK (TIC) class, is probably connected to the auxin signaling pathway. <i>Plant Signaling and Behavior</i> , 2012 , 7, 53-8	2.5	5
132	Molecular characterization of the putative transcription factor SebA involved in virulence in <i>Aspergillus fumigatus</i> . <i>Eukaryotic Cell</i> , 2012 , 11, 518-31		36
131	Transcriptional profiling of <i>Saccharomyces cerevisiae</i> exposed to propolis. <i>BMC Complementary and Alternative Medicine</i> , 2012 , 12, 194	4.7	17
130	Farnesol-induced cell death in the filamentous fungus <i>Aspergillus nidulans</i> . <i>Biochemical Society Transactions</i> , 2011 , 39, 1544-8	5.1	14
129	Stigma/style cell cycle inhibitor 1 (SCI1), a tissue-specific cell cycle regulator that controls upper pistil development. <i>New Phytologist</i> , 2011 , 190, 882-895	9.8	12
128	Genetic Improvement of Xylose Utilization by <i>Saccharomyces cerevisiae</i> 2011 , 153-163		1
127	Scientific challenges of bioethanol production in Brazil. <i>Applied Microbiology and Biotechnology</i> , 2011 , 91, 1267-75	5.7	215
126	Transcriptome analysis of <i>Aspergillus niger</i> grown on sugarcane bagasse. <i>Biotechnology for Biofuels</i> , 2011 , 4, 40	7.8	88

125	Molecular biology of the dimorphic fungi <i>Paracoccidioides</i> spp. <i>Fungal Biology Reviews</i> , 2011 , 25, 89-97	6.8	7
124	Involvement of an alternative oxidase in oxidative stress and mycelium-to-yeast differentiation in <i>Paracoccidioides brasiliensis</i> . <i>Eukaryotic Cell</i> , 2011 , 10, 237-48		53
123	Molecular characterization of propolis-induced cell death in <i>Saccharomyces cerevisiae</i> . <i>Eukaryotic Cell</i> , 2011 , 10, 398-411		40
122	The <i>Aspergillus nidulans</i> nucA(EndoG) homologue is not involved in cell death. <i>Eukaryotic Cell</i> , 2011 , 10, 276-83		7
121	Comparative genomic analysis of human fungal pathogens causing paracoccidioidomycosis. <i>PLoS Genetics</i> , 2011 , 7, e1002345	6	132
120	The conserved and divergent roles of carbonic anhydrases in the filamentous fungi <i>Aspergillus fumigatus</i> and <i>Aspergillus nidulans</i> . <i>Molecular Microbiology</i> , 2010 , 75, 1372-88	4.1	25
119	Involvement of the <i>Aspergillus nidulans</i> protein kinase C with farnesol tolerance is related to the unfolded protein response. <i>Molecular Microbiology</i> , 2010 , 78, 1259-79	4.1	32
118	The <i>Paracoccidioides brasiliensis</i> gp70 antigen is encoded by a putative member of the flavoproteins monooxygenase family. <i>Fungal Genetics and Biology</i> , 2010 , 47, 179-89	3.9	10
117	The roles played by <i>Aspergillus nidulans</i> apoptosis-inducing factor (AIF)-like mitochondrial oxidoreductase (AifA) and NADH-ubiquinone oxidoreductases (NdeA-B and NdiA) in farnesol resistance. <i>Fungal Genetics and Biology</i> , 2010 , 47, 1055-69	3.9	24
116	Gene expression analysis of <i>Paracoccidioides brasiliensis</i> transition from conidium to yeast cell. <i>Medical Mycology</i> , 2010 , 48, 147-54	3.9	16
115	Identification of possible targets of the <i>Aspergillus fumigatus</i> CRZ1 homologue, CrzA. <i>BMC Microbiology</i> , 2010 , 10, 12	4.5	44
114	Jasmonates are phytohormones with multiple functions, including plant defense and reproduction. <i>Genetics and Molecular Research</i> , 2010 , 9, 484-505	1.2	157
113	Analysis of the <i>Nicotiana tabacum</i> stigma/style transcriptome reveals gene expression differences between wet and dry stigma species. <i>Plant Physiology</i> , 2009 , 149, 1211-30	6.6	43
112	A reliable measure of similarity based on dependency for short time series: an application to gene expression networks. <i>BMC Bioinformatics</i> , 2009 , 10, 270	3.6	1
111	The conserved and divergent roles of carbonic anhydrases in the filamentous fungi <i>Aspergillus fumigatus</i> and <i>Aspergillus nidulans</i> . <i>Molecular Microbiology</i> , 2009 , 76, 802-802	4.1	2
110	Analyses of sexual reproductive success in transgenic and/or mutant plants. <i>Journal of Integrative Plant Biology</i> , 2009 , 51, 719-26	8.3	2
109	Transcription regulation of the <i>Pbgbp43</i> gene by nitrogen in the human pathogen <i>Paracoccidioides brasiliensis</i> . <i>Fungal Genetics and Biology</i> , 2009 , 46, 85-93	3.9	8
108	The 2008 update of the <i>Aspergillus nidulans</i> genome annotation: a community effort. <i>Fungal Genetics and Biology</i> , 2009 , 46 Suppl 1, S2-13	3.9	82

107	Functional characterization of the <i>Aspergillus nidulans</i> methionine sulfoxide reductases (msrA and msrB). <i>Fungal Genetics and Biology</i> , 2009 , 46, 410-7	3.9	16
106	Phenotypic analysis of genes whose mRNA accumulation is dependent on calcineurin in <i>Aspergillus fumigatus</i> . <i>Fungal Genetics and Biology</i> , 2009 , 46, 791-802	3.9	15
105	Cdc42p controls yeast-cell shape and virulence of <i>Paracoccidioides brasiliensis</i> . <i>Fungal Genetics and Biology</i> , 2009 , 46, 919-26	3.9	49
104	Functional characterization of the <i>Aspergillus fumigatus</i> CRZ1 homologue, CrzA. <i>Molecular Microbiology</i> , 2008 , 67, 1274-91	4.1	129
103	Farnesol induces the transcriptional accumulation of the <i>Aspergillus nidulans</i> Apoptosis-Inducing Factor (AIF)-like mitochondrial oxidoreductase. <i>Molecular Microbiology</i> , 2008 , 70, 44-59	4.1	45
102	Functional characterization of the <i>Aspergillus fumigatus</i> PHO80 homologue. <i>Fungal Genetics and Biology</i> , 2008 , 45, 1135-46	3.9	15
101	Sub-telomere directed gene expression during initiation of invasive aspergillosis. <i>PLoS Pathogens</i> , 2008 , 4, e1000154	7.6	191
100	Genomic islands in the pathogenic filamentous fungus <i>Aspergillus fumigatus</i> . <i>PLoS Genetics</i> , 2008 , 4, e1000046	6	382
99	Genetic interactions of the <i>Aspergillus nidulans</i> atmAATM homolog with different components of the DNA damage response pathway. <i>Genetics</i> , 2008 , 178, 675-91	4	11
98	Chaetoglobosinas produzidas por <i>Chaetomium globosum</i> , fungo endofítico associado a <i>Viguiera robusta</i> Gardn. (Asteraceae). <i>Quimica Nova</i> , 2008 , 31, 1680-1685	1.6	26
97	Mitochondrial function in the yeast form of the pathogenic fungus <i>Paracoccidioides brasiliensis</i> . <i>Journal of Bioenergetics and Biomembranes</i> , 2008 , 40, 297-305	3.7	11
96	Functional characterization of the putative <i>Aspergillus nidulans</i> DNA damage binding protein homologue DdbA. <i>Molecular Genetics and Genomics</i> , 2008 , 279, 239-53	3.1	2
95	Molecular characterization of the <i>Aspergillus fumigatus</i> NCS-1 homologue, NcsA. <i>Molecular Genetics and Genomics</i> , 2008 , 280, 483-95	3.1	10
94	Biological activities from extracts of endophytic fungi isolated from <i>Viguiera arenaria</i> and <i>Tithonia diversifolia</i> . <i>FEMS Immunology and Medical Microbiology</i> , 2008 , 52, 134-44		71
93	The cAMP pathway is important for controlling the morphological switch to the pathogenic yeast form of <i>Paracoccidioides brasiliensis</i> . <i>Molecular Microbiology</i> , 2007 , 65, 761-79	4.1	18
92	Transcriptome analysis of the <i>Aspergillus nidulans</i> AtmA (ATM, Ataxia-Telangiectasia mutated) null mutant. <i>Molecular Microbiology</i> , 2007 , 66, 74-99	4.1	17
91	Functional characterization of the <i>Aspergillus fumigatus</i> calcineurin. <i>Fungal Genetics and Biology</i> , 2007 , 44, 219-30	3.9	102
90	Identification of transcription elements in the 5Qntergenic region shared by LON and MDJ1 heat shock genes from the human pathogen <i>Paracoccidioides brasiliensis</i> . Evaluation of gene expression. <i>Fungal Genetics and Biology</i> , 2007 , 44, 347-56	3.9	20

89	Insights in <i>Paracoccidioides brasiliensis</i> Pathogenicity 2007 , 241-265		7
88	Transcriptome analysis of <i>Aspergillus fumigatus</i> exposed to voriconazole. <i>Current Genetics</i> , 2006 , 50, 32-44	2.9	127
87	Fungal metabolic model for tyrosinemia type 3: molecular characterization of a gene encoding a 4-hydroxy-phenyl pyruvate dioxygenase from <i>Aspergillus nidulans</i> . <i>Eukaryotic Cell</i> , 2006 , 5, 1441-5		4
86	The <i>akuB</i> (KU80) mutant deficient for nonhomologous end joining is a powerful tool for analyzing pathogenicity in <i>Aspergillus fumigatus</i> . <i>Eukaryotic Cell</i> , 2006 , 5, 207-11		316
85	Functional characterization of the putative <i>Aspergillus nidulans</i> poly(ADP-ribose) polymerase homolog PrpA. <i>Genetics</i> , 2006 , 173, 87-98	4	41
84	Regulation of hyphal morphogenesis and the DNA damage response by the <i>Aspergillus nidulans</i> ATM homolog AtmA. <i>Genetics</i> , 2006 , 173, 99-109	4	28
83	Microsatellite analysis of three phylogenetic species of <i>Paracoccidioides brasiliensis</i> . <i>Journal of Clinical Microbiology</i> , 2006 , 44, 2153-7	9.7	65
82	Transcriptome analysis of <i>Aspergillus nidulans</i> exposed to camptothecin-induced DNA damage. <i>Eukaryotic Cell</i> , 2006 , 5, 1688-704		25
81	Transcriptome analysis and molecular studies on sulfur metabolism in the human pathogenic fungus <i>Paracoccidioides brasiliensis</i> . <i>Molecular Genetics and Genomics</i> , 2006 , 276, 450-63	3.1	24
80	The DNA Damage Response of Filamentous Fungi: Novel Features Associated with a Multicellular Lifestyle. <i>Applied Mycology and Biotechnology</i> , 2005 , 5, 117-139		1
79	The ergosterol biosynthesis pathway, transporter genes, and azole resistance in <i>Aspergillus fumigatus</i> . <i>Medical Mycology</i> , 2005 , 43 Suppl 1, S313-9	3.9	111
78	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. <i>International Journal of Medical Microbiology</i> , 2005 , 294, 513-9	3.7	18
77	cDNA cloning and functional expression of KM+, the mannose-binding lectin from <i>Artocarpus integrifolia</i> seeds. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2005 , 1726, 251-60	4	20
76	Influence of chronic renal failure on stereoselective metoprolol metabolism in hypertensive patients. <i>Journal of Clinical Pharmacology</i> , 2005 , 45, 1422-33	2.9	7
75	Virulence of <i>Paracoccidioides brasiliensis</i> and gp43 expression in isolates bearing known PbGP43 genotype. <i>Microbes and Infection</i> , 2005 , 7, 55-65	9.3	53
74	The <i>Aspergillus nidulans</i> <i>sldI</i> (RAD50) gene interacts with <i>bimE</i> (APC1), a homologue of an anaphase-promoting complex subunit. <i>Molecular Microbiology</i> , 2005 , 57, 222-37	4.1	8
73	Genomic sequence of the pathogenic and allergenic filamentous fungus <i>Aspergillus fumigatus</i> . <i>Nature</i> , 2005 , 438, 1151-6	50.4	1114
72	Sequencing of <i>Aspergillus nidulans</i> and comparative analysis with <i>A. fumigatus</i> and <i>A. oryzae</i> . <i>Nature</i> , 2005 , 438, 1105-15	50.4	1094

71	Genomics of <i>Aspergillus fumigatus</i> . <i>Revista Iberoamericana De Micologia</i> , 2005 , 22, 223-8	1.6	34
70	Genomics of Some Human Dimorphic Fungus. <i>Applied Mycology and Biotechnology</i> , 2005 , 5, 301-313		
69	SepBCTF4 is required for the formation of DNA-damage-induced UvsCRAD51 foci in <i>Aspergillus nidulans</i> . <i>Genetics</i> , 2005 , 169, 1391-402	4	9
68	<i>Aspergillus nidulans</i> uvsBATR and scaANBS1 genes show genetic interactions during recovery from replication stress and DNA damage. <i>Eukaryotic Cell</i> , 2005 , 4, 1239-52		10
67	The csnD/csnE signalosome genes are involved in the <i>Aspergillus nidulans</i> DNA damage response. <i>Genetics</i> , 2005 , 171, 1003-15	4	16
66	Transcriptome analysis of <i>Paracoccidioides brasiliensis</i> cells undergoing mycelium-to-yeast transition. <i>Eukaryotic Cell</i> , 2005 , 4, 2115-28		99
65	Identification of an unusual VanA element in glycopeptide-resistant <i>Enterococcus faecium</i> in Brazil following international transfer of a bone marrow transplant patient. <i>Canadian Journal of Microbiology</i> , 2004 , 50, 767-70	3.2	16
64	In vitro evolution of itraconazole resistance in <i>Aspergillus fumigatus</i> involves multiple mechanisms of resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2004 , 48, 4405-13	5.9	120
63	Detection and selection of microsatellites in the genome of <i>Paracoccidioides brasiliensis</i> as molecular markers for clinical and epidemiological studies. <i>Journal of Clinical Microbiology</i> , 2004 , 42, 5007-14	9.7	23
62	A transcript finishing initiative for closing gaps in the human transcriptome. <i>Genome Research</i> , 2004 , 14, 1413-23	9.7	19
61	The <i>Aspergillus nidulans</i> npkA gene encodes a Cdc2-related kinase that genetically interacts with the UvsBATR kinase. <i>Genetics</i> , 2004 , 167, 1629-41	4	19
60	Comparative genomics of two <i>Leptospira interrogans</i> serovars reveals novel insights into physiology and pathogenesis. <i>Journal of Bacteriology</i> , 2004 , 186, 2164-72	3.5	330
59	The genome sequence of the gram-positive sugarcane pathogen <i>Leifsonia xyli</i> subsp. <i>xyli</i> . <i>Molecular Plant-Microbe Interactions</i> , 2004 , 17, 827-36	3.6	103
58	NtWBC1, an ABC transporter gene specifically expressed in tobacco reproductive organs. <i>Journal of Experimental Botany</i> , 2004 , 55, 1643-54	7	23
57	Identification of genes preferentially expressed in the pathogenic yeast phase of <i>Paracoccidioides brasiliensis</i> , using suppression subtraction hybridization and differential macroarray analysis. <i>Molecular Genetics and Genomics</i> , 2004 , 271, 667-77	3.1	48
56	Multi-copy suppression of an <i>Aspergillus nidulans</i> mutant sensitive to camptothecin by a putative monocarboxylate transporter. <i>Current Microbiology</i> , 2004 , 49, 229-33	2.4	5
55	Evaluation of fluconazole resistance mechanisms in <i>Candida albicans</i> clinical isolates from HIV-infected patients in Brazil. <i>Diagnostic Microbiology and Infectious Disease</i> , 2004 , 50, 25-32	2.9	79
54	<i>Aspergillus nidulans</i> as a model system to characterize the DNA damage response in eukaryotes. <i>Fungal Genetics and Biology</i> , 2004 , 41, 428-42	3.9	47

53	Comparative analyses of the complete genome sequences of Pierce's disease and citrus variegated chlorosis strains of <i>Xylella fastidiosa</i> . <i>Journal of Bacteriology</i> , 2003 , 185, 1018-26	3.5	276
52	The generation and utilization of a cancer-oriented representation of the human transcriptome by using expressed sequence tags. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 13418-23	11.5	93
51	Analysis of gene expression in two growth states of <i>Xylella fastidiosa</i> and its relationship with pathogenicity. <i>Molecular Plant-Microbe Interactions</i> , 2003 , 16, 867-75	3.6	58
50	Different roles of the Mre11 complex in the DNA damage response in <i>Aspergillus nidulans</i> . <i>Molecular Microbiology</i> , 2003 , 48, 1693-709	4.1	21
49	Low expression of sodium iodide symporter identifies aggressive thyroid tumors. <i>Cancer Letters</i> , 2003 , 200, 85-91	9.9	35
48	Correction: Mitochondrial DNA Variation in Amerindians. <i>American Journal of Human Genetics</i> , 2003 , 72, 1346-1348	11	17
47	Multiple resistance mechanisms among <i>Aspergillus fumigatus</i> mutants with high-level resistance to itraconazole. <i>Antimicrobial Agents and Chemotherapy</i> , 2003 , 47, 1719-26	5.9	217
46	Analysis and functional annotation of an expressed sequence tag collection for tropical crop sugarcane. <i>Genome Research</i> , 2003 , 13, 2725-35	9.7	207
45	Expressed sequence tag analysis of the human pathogen <i>Paracoccidioides brasiliensis</i> yeast phase: identification of putative homologues of <i>Candida albicans</i> virulence and pathogenicity genes. <i>Eukaryotic Cell</i> , 2003 , 2, 34-48		141
44	Identification of a topoisomerase I mutant, <i>scaA1</i> , as an extragenic suppressor of a mutation in <i>scaA(NBS1)</i> , the apparent homolog of human nibrin in <i>Aspergillus nidulans</i> . <i>Genetics</i> , 2003 , 164, 935-45	4	6
43	A tobacco cDNA reveals two different transcription patterns in vegetative and reproductive organs. <i>Brazilian Journal of Medical and Biological Research</i> , 2002 , 35, 861-8	2.8	3
42	Quantitative analysis of the relative transcript levels of ABC transporter <i>Atr</i> genes in <i>Aspergillus nidulans</i> by real-time reverse transcription-PCR assay. <i>Applied and Environmental Microbiology</i> , 2002 , 68, 1351-7	4.8	115
41	Quantification of <i>Xylella fastidiosa</i> from Citrus Trees by Real-Time Polymerase Chain Reaction Assay. <i>Phytopathology</i> , 2002 , 92, 1048-54	3.8	58
40	The DNA damage response in filamentous fungi. <i>Fungal Genetics and Biology</i> , 2002 , 35, 183-95	3.9	55
39	Systemic lupus erythematosus and microchimerism in autoimmunity. <i>Transplantation Proceedings</i> , 2002 , 34, 2951-2	1.1	41
38	Mitochondrial genome diversity of Native Americans supports a single early entry of founder populations into America. <i>American Journal of Human Genetics</i> , 2002 , 71, 187-92	11	82
37	Molecular identification of <i>Paracoccidioides brasiliensis</i> by 5' nuclease assay. <i>Diagnostic Microbiology and Infectious Disease</i> , 2002 , 44, 383-6	2.9	26
36	Molecular characterization of ABC transporter-encoding genes in <i>Aspergillus nidulans</i> . <i>Genetics and Molecular Research</i> , 2002 , 1, 337-49	1.2	7

35	Sensitivity to camptothecin in <i>Aspergillus nidulans</i> identifies a novel gene, scaA+, related to the cellular DNA damage response. <i>Molecular Genetics and Genomics</i> , 2001 , 265, 264-75	3.1	19
34	New restriction fragment length polymorphism (RFLP) markers for <i>Aspergillus fumigatus</i> . <i>FEMS Immunology and Medical Microbiology</i> , 2001 , 31, 15-9		14
33	The contribution of 700,000 ORF sequence tags to the definition of the human transcriptome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 12103-8	11.5	103
32	Dissecting the sugarcane expressed sequence tag (SUCEST) database: unraveling flower-specific genes. <i>Genetics and Molecular Biology</i> , 2001 , 24, 77-84	2	5
31	The genome sequence of the plant pathogen <i>Xylella fastidiosa</i> . The <i>Xylella fastidiosa</i> Consortium of the Organization for Nucleotide Sequencing and Analysis. <i>Nature</i> , 2000 , 406, 151-9	50.4	701
30	Molecular characterization of ubiquitin genes from <i>Aspergillus nidulans</i> : mRNA expression on different stress and growth conditions. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2000 , 1490, 237-44		27
29	Tagging of genes involved in multidrug resistance in <i>Aspergillus nidulans</i> . <i>Molecular Genetics and Genomics</i> , 2000 , 263, 702-11		7
28	Identification of human chromosome 22 transcribed sequences with ORF expressed sequence tags. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 12690-3	11.5	57
27	Shotgun sequencing of the human transcriptome with ORF expressed sequence tags. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 3491-6	11.5	153
26	A genomic approach to the understanding of <i>Xylella fastidiosa</i> pathogenicity. <i>Current Opinion in Microbiology</i> , 2000 , 3, 459-62	7.9	40
25	Catalase activity is necessary for heat-shock recovery in <i>Aspergillus nidulans</i> germlings. <i>Microbiology (United Kingdom)</i> , 1999 , 145 (Pt 11), 3229-3234	2.9	50
24	A tobacco flower-specific gene encodes a polyphenol oxidase. <i>Plant Molecular Biology</i> , 1998 , 36, 479-85	4.6	15
23	Isolation and characterisation of cycloheximide-sensitive mutants of <i>Aspergillus nidulans</i> . <i>Current Genetics</i> , 1998 , 33, 60-9	2.9	10
22	<i>Trichoderma harzianum</i> transformant has high extracellular alkaline proteinase expression during specific mycoparasitic interactions. <i>Genetics and Molecular Biology</i> , 1998 , 21, 329-333	2	9
21	Differential poisoning of human and <i>Aspergillus nidulans</i> DNA topoisomerase I by bi- and terbenzimidazoles. <i>Biochemistry</i> , 1997 , 36, 6488-94	3.2	18
20	Cloning and Characterization of <i>Trichoderma Harzianum</i> Genes Induced During Growth on <i>Rhizoctonia Solani</i> Cell Walls. <i>Developments in Plant Pathology</i> , 1996 , 133-137		
19	<i>Trichoderma harzianum</i> genes induced during growth on <i>Rhizoctonia solani</i> cell walls. <i>Microbiology (United Kingdom)</i> , 1995 , 141 (Pt 4), 767-74	2.9	26
18	Molecular and cellular biology of biocontrol by <i>Trichoderma</i> spp. <i>Trends in Biotechnology</i> , 1994 , 12, 478-83	3.1	64

17	Sequence analysis and expression studies of a gene encoding a novel serine + alanine-rich protein in <i>Trichoderma harzianum</i> . <i>Gene</i> , 1994 , 144, 113-7	3.8	9
16	A nucleotide substitution in one of the beta-tubulin genes of <i>Trichoderma viride</i> confers resistance to the antimetabolic drug methyl benzimidazole-2-yl-carbamate. <i>Molecular Genetics and Genomics</i> , 1993 , 240, 73-80		42
15	Molecular characterization of the proteinase-encoding gene, <i>prb1</i> , related to mycoparasitism by <i>Trichoderma harzianum</i> . <i>Molecular Microbiology</i> , 1993 , 8, 603-13	4.1	210
14	Electrophoretic karyotype and gene assignment to resolved chromosomes of <i>Trichoderma</i> spp. <i>Molecular Microbiology</i> , 1993 , 7, 515-21	4.1	30
13	Molecular cloning of the imidazoleglycerolphosphate dehydratase gene of <i>Trichoderma harzianum</i> by genetic complementation in <i>Saccharomyces cerevisiae</i> using a direct expression vector. <i>Molecular Genetics and Genomics</i> , 1992 , 234, 481-8		13
12	Molecular characterization and regulation of the phosphoglycerate kinase gene from <i>Trichoderma viride</i> . <i>Molecular Microbiology</i> , 1992 , 6, 1231-42	4.1	30
11	High-efficiency transformation system for the biocontrol agents, <i>Trichoderma</i> spp. <i>Molecular Microbiology</i> , 1990 , 4, 839-43	4.1	80
10	Transformation of <i>Trichoderma harzianum</i> by high-voltage electric pulse. <i>Current Genetics</i> , 1990 , 17, 169-174	2.9	64
9	Sequence of the <i>Trichoderma viride</i> phosphoglycerate kinase gene. <i>Nucleic Acids Research</i> , 1990 , 18, 6717	20.1	4
8	Variaço espacial e temporal da irradiaço solar e da razo entre vermelho e vermelho - extremo que chegam ao solo em diferentes microhabitats na regio de Tucuru PA. <i>Acta Amazonica</i> , 1989 , 19, 243-248	0.8	2
7	Germinaço natural de 10 leguminosas arbreas da Amaznia - I. <i>Acta Amazonica</i> , 1988 , 18, 9-26	0.8	11
6	Estudos sobre a germinaço de sementes de marup (Simaruba amara Aubl.). I. Composiço qumica e curva de embebiço das sementes; germinaço em diferentes temperaturas.. <i>Acta Amazonica</i> , 1986 , 16, 383-392	0.8	0
5	Gene expression analysis of <i>Paracoccidioides brasiliensis</i> transition from conidium to yeast cell. <i>Medical Mycology</i> , 1-9	3.9	2
4	Drivers of genetic diversity in secondary metabolic gene clusters within a fungal species		5
3	A robust phylogenomic timetree for biotechnologically and medically important fungi in the genera <i>Aspergillus</i> and <i>Penicillium</i>		3
2	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>		3
1	Gliotoxin, a known virulence factor in the major human pathogen <i>Aspergillus fumigatus</i> , is also biosynthesized by the non-pathogenic relative <i>A. fischeri</i>		1