Gustavo H. Goldman

List of Publications by Year
in descending order

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Version: 2024-02-01

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	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
2	Heterogeneity in the transcriptional response of the human pathogen Aspergillus fumigatus to the antifungal agent caspofungin. Genetics, 2022, 220, .	2.9	15
3	SAKrificing an Essential Stress-Sensing Pathway Improves Aspergillus fumigatus Germination. MSphere, 2022, 7, e0001022.	2.9	0
4	Chromatin profiling reveals heterogeneity in clinical isolates of the human pathogen Aspergillus fumigatus. PLoS Genetics, 2022, 18, e1010001.	3.5	11
5	Regulation of gliotoxin biosynthesis and protection in Aspergillus species. PLoS Genetics, 2022, 18, e1009965.	3.5	16
6	Inadvertent Selection of a Pathogenic Fungus Highlights Areas of Concern in Human Clinical Practices. Journal of Fungi (Basel, Switzerland), 2022, 8, 157.	3.5	0
7	The Caspofungin Paradoxical Effect is a Tolerant â€œEagle Effectâ€•in the Filamentous Fungal Pathogen Aspergillus fumigatus. MBio, 2022, 13, e0044722.	4.1	5
8	Synergistic Antifungal Activity of Synthetic Peptides and Antifungal Drugs against Candida albicans and C. parapsilosis Biofilms. Antibiotics, 2022, 11, 553.	3.7	5
9	Examination of Genome-Wide Ortholog Variation in Clinical and Environmental Isolates of the Fungal Pathogen Aspergillus fumigatus. MBio, 2022, 13, .	4.1	8
10	Novel Biological Functions of the NsdC Transcription Factor in Aspergillus fumigatus. MBio, 2021, 12, .	4.1	10
11	Altered expression of genes related to innate antifungal immunity in the absence of galectin-3. Virulence, 2021, 12, 981-988.	4.4	2
12	Verapamil inhibits efflux pumps in Candida albicans, exhibits synergism with fluconazole, and increases survival of Galleria mellonella. Virulence, 2021, 12, 231-243.	4.4	7
13	Genetic Interactions Between Aspergillus fumigatus Basic Leucine Zipper (bZIP) Transcription Factors AtfA, AtfB, AtfC, and AtfD. Frontiers in Fungal Biology, 2021, 2, .	2.0	16
14	Transcriptional Control of the Production of Aspergillus fumigatus Conidia-Borne Secondary Metabolite Fumiquinazoline C Important for Phagocytosis Protection. Genetics, 2021, 218, .	2.9	1
15	The Heat Shock Transcription Factor HsfA Is Essential for Thermotolerance and Regulates Cell Wall Integrity in Aspergillus fumigatus. Frontiers in Microbiology, 2021, 12, 656548.	3.5	14
16	Unraveling Caspofungin Resistance in Cryptococcus neoformans. MBio, 2021, 12, .	4.1	3
17	Fungal pathogenesis: A new venom. Current Biology, 2021, 31, R391-R394.	3.9	1
18	Population genomic analysis ofCryptococcusBrazilian isolates reveals an African type subclade distribution. G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	7

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19	An evolutionary genomic approach reveals both conserved and species-specific genetic elements related to human disease in closely related Aspergillus fungi. Genetics, 2021, 218, .	2.9	18
20	Fungal Polysaccharides Promote Protective Immunity. Trends in Microbiology, 2021, 29, 379-381.	7.7	7
21	Enzymatic diversity of filamentous fungi isolated from forest soil incremented by sugar cane solid waste. Environmental Technology (United Kingdom), 2021, , 1-10.	2.2	1
22	Nutrient sensing and acquisition in fungi: mechanisms promoting pathogenesis in plant and human hosts. Fungal Biology Reviews, 2021, 36, 1-14.	4.7	16
23	Aspergillus fumigatus Acetate Utilization Impacts Virulence Traits and Pathogenicity. MBio, 2021, 12, e0168221.	4.1	10
24	Screening of Chemical Libraries for New Antifungal Drugs against Aspergillus fumigatus Reveals Sphingolipids Are Involved in the Mechanism of Action of Miltefosine. MBio, 2021, 12, e0145821.	4.1	12
25	Aspergillus Fumigatus ZnfA, a Novel Zinc Finger Transcription Factor Involved in Calcium Metabolism and Caspofungin Tolerance. Frontiers in Fungal Biology, 2021, 2, .	2.0	0
26	Examining Signatures of Natural Selection in Antifungal Resistance Genes Across Aspergillus Fungi. Frontiers in Fungal Biology, 2021, 2, .	2.0	2
27	Genomic and Phenotypic Analysis of COVID-19-Associated Pulmonary Aspergillosis Isolates of Aspergillus fumigatus. Microbiology Spectrum, 2021, 9, e0001021.	3.0	31
28	Carbon Catabolite Repression in Filamentous Fungi Is Regulated by Phosphorylation of the Transcription Factor CreA. MBio, 2021, 12, .	4.1	41
29	Fungicide effects on human fungal pathogens: Cross-resistance to medical drugs and beyond. PLoS Pathogens, 2021, 17, e1010073.	4.7	44
30	Putative Membrane Receptors Contribute to Activation and Efficient Signaling of Mitogen-Activated Protein Kinase Cascades during Adaptation of Aspergillus fumigatus to Different Stressors and Carbon Sources. MSphere, 2020, 5, .	2.9	15
31	Aspergillus fumigatus G-Protein Coupled Receptors GprM and GprJ Are Important for the Regulation of the Cell Wall Integrity Pathway, Secondary Metabolite Production, and Virulence. MBio, 2020, 11, .	4.1	11
32	The Aspergillus fumigatus transcription factor RglT is important for gliotoxin biosynthesis and self-protection, and virulence. PLoS Pathogens, 2020, 16, e1008645.	4.7	27
33	New Opportunities for Modern Fungal Biology. Frontiers in Fungal Biology, 2020, 1, .	2.0	1
34	Draft Genome Sequences of Four Aspergillus Section Fumigati Clinical Strains. Microbiology Resource Announcements, 2020, 9, .	0.6	4
35	The High Osmolarity Glycerol Mitogen-Activated Protein Kinase regulates glucose catabolite repression in filamentous fungi. PLoS Genetics, 2020, 16, e1008996.	3.5	15
36	Variation Among Biosynthetic Gene Clusters, Secondary Metabolite Profiles, and Cards of Virulence Across Aspergillus Species. Genetics, 2020, 216, 481-497.	2.9	50

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37	Extracellular Vesicles from Aspergillus flavus Induce M1 Polarization In Vitro. MSphere, 2020, 5, .	2.9	46
38	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
39	Phosphoproteomics of Aspergillus fumigatus Exposed to the Antifungal Drug Caspofungin. MSphere, 2020, 5, .	2.9	9
40	Gliotoxin, a Known Virulence Factor in the Major Human Pathogen Aspergillus fumigatus, Is Also Biosynthesized by Its Nonpathogenic Relative Aspergillus fischeri. MBio, 2020, 11, .	4.1	32
41	Aspergillus fumigatus Transcription Factors Involved in the Caspofungin Paradoxical Effect. MBio, 2020, 11, .	4.1	29
42	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
43	Pathogenic Allodiploid Hybrids of Aspergillus Fungi. Current Biology, 2020, 30, 2495-2507.e7.	3.9	39
44	The Cell Wall Integrity Pathway Contributes to the Early Stages of Aspergillus fumigatus Asexual Development. Applied and Environmental Microbiology, 2020, 86, .	3.1	20
45	Nutritional factors modulating plant and fruit susceptibility to pathogens: BARD workshop, Haifa, Israel, February 25â€“26, 2018. Phytoparasitica, 2020, 48, 317-333.	1.2	0
46	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, .	4.1	27
47	Diversity of Secondary Metabolism in Aspergillus nidulans Clinical Isolates. MSphere, 2020, 5, .	2.9	32
48	Functional Characterization of Clinical Isolates of the Opportunistic Fungal Pathogen Aspergillus nidulans. MSphere, 2020, 5, .	2.9	32
49	Aspergillus fumigatus. Trends in Microbiology, 2020, 28, 594-595.	7.7	14
50	Draft genome sequence of Wickerhamomyces anomalus LBCM1105, isolated from cachaÃ§a fermentation. Genetics and Molecular Biology, 2020, 43, e20190122.	1.3	7
51	Title is missing!. , 2020, 16, e1008996.		0
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55	Title is missing!. , 2020, 16, e1008645.		0
56	Title is missing!. , 2020, 16, e1008645.		0
57	Title is missing!. , 2020, 16, e1008645.		0
58	Title is missing!. , 2020, 16, e1008645.		0
59	Title is missing!. , 2020, 16, e1008645.		0
60	The Aspergillus fumigatus Mismatch Repair MSH2 Homolog Is Important for Virulence and Azole Resistance. MSphere, 2019, 4, .	2.9	19
61	A Robust Phylogenomic Time Tree for Biotechnologically and Medically Important Fungi in the Genera Aspergillus and Penicillium. MBio, 2019, 10, .	4.1	106
62	GPCR-mediated glucose sensing system regulates light-dependent fungal development and mycotoxin production. PLoS Genetics, 2019, 15, e1008419.	3.5	29
63	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
64	Editorial: Advances in the Regulation and Production of Fungal Enzymes by Transcriptomics, Proteomics and Recombinant Strains Design. Frontiers in Bioengineering and Biotechnology, 2019, 7, 157.	4.1	5
65	A Novel Cys2His2 Zinc Finger Homolog of AZF1 Modulates Holocellulase Expression in Trichoderma reesei. MSystems, 2019, 4, .	3.8	32
66	Aspergillus fumigatus High Osmolarity Glycerol Mitogen Activated Protein Kinases SakA and MpkC Physically Interact During Osmotic and Cell Wall Stresses. Frontiers in Microbiology, 2019, 10, 918.	3.5	26
67	Comprehensive Analysis of Aspergillus nidulans PKA Phosphorylome Identifies a Novel Mode of CreA Regulation. MBio, 2019, 10, .	4.1	35
68	Mitogen-Activated Protein Kinase Cross-Talk Interaction Modulates the Production of Melanins in Aspergillus fumigatus. MBio, 2019, 10, .	4.1	56
69	Ploidy Determination in the Pathogenic Fungus Sporothrix spp.. Frontiers in Microbiology, 2019, 10, 284.	3.5	6
70	The fungal threat to global food security. Fungal Biology, 2019, 123, 555-557.	2.5	67
71	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
72	Characterizing the Pathogenic, Genomic, and Chemical Traits of Aspergillus fischeri , a Close Relative of the Major Human Fungal Pathogen Aspergillus fumigatus. MSphere, 2019, 4, .	2.9	42

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73	Broad Substrate-Specific Phosphorylation Events Are Associated With the Initial Stage of Plant Cell Wall Recognition in Neurospora crassa. Frontiers in Microbiology, 2019, 10, 2317.	3.5	25
74	Potential of Gallium as an Antifungal Agent. Frontiers in Cellular and Infection Microbiology, 2019, 9, 414.	3.9	28
75	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
76	Endo-Î²-1,3-glucanase (GH16 Family) from Trichoderma harzianum Participates in Cell Wall Biogenesis but Is Not Essential for Antagonism Against Plant Pathogens. Biomolecules, 2019, 9, 781.	4.0	23
77	Title is missing!. , 2019, 15, e1008551.		0
78	Title is missing!. , 2019, 15, e1008551.		0
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80	CachaÃ§a yeast strains: alternative starters to produce beer and bioethanol. Antonie Van Leeuwenhoek, 2018, 111, 1749-1766.	1.7	23
81	Characterization of a novel sugar transporter involved in sugarcane bagasse degradation in Trichoderma reesei. Biotechnology for Biofuels, 2018, 11, 84.	6.2	45
82	Mitogen activated protein kinases (MAPK) and protein phosphatases are involved in Aspergillus fumigatus adhesion and biofilm formation. Cell Surface, 2018, 1, 43-56.	3.0	20
83	Fungal G-protein-coupled receptors: mediators of pathogenesis and targets for disease control. Nature Microbiology, 2018, 3, 402-414.	13.3	72
84	Overview of carbon and nitrogen catabolite metabolism in the virulence of human pathogenic fungi. Molecular Microbiology, 2018, 107, 277-297.	2.5	68
85	The Influence of Genetic Stability onAspergillus fumigatusVirulence and Azole Resistance. G3: Genes, Genomes, Genetics, 2018, 8, 265-278.	1.8	14
86	Protein Kinase A and High-Osmolarity Glycerol Response Pathways Cooperatively Control Cell Wall Carbohydrate Mobilization in Aspergillus fumigatus. MBio, 2018, 9, .	4.1	33
87	A novel cysteine-rich peptide regulates cell expansion in the tobacco pistil and influences its final size. Plant Science, 2018, 277, 55-67.	3.6	3
88	Biological Roles Played by Sphingolipids in Dimorphic and Filamentous Fungi. MBio, 2018, 9, .	4.1	46
89	The Aspergillus nidulans Pyruvate Dehydrogenase Kinases Are Essential To Integrate Carbon Source Metabolism. G3: Genes, Genomes, Genetics, 2018, 8, 2445-2463.	1.8	23
90	The Genome of a Thermo Tolerant, Pathogenic Albino Aspergillus fumigatus. Frontiers in Microbiology, 2018, 9, 1827.	3.5	12

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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	Regulation of Aspergillus nidulans CreA-Mediated Catabolite Repression by the F-Box Proteins Fbx23 and Fbx47. MBio, 2018, 9, .	4.1	70
93	Modifications to the composition of the hyphal outer layer of Aspergillus fumigatus modulates HUVEC proteins related to inflammatory and stress responses. Journal of Proteomics, 2017, 151, 83-96.	2.4	9
94	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
95	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
96	Nutrient Sensing at the Plasma Membrane of Fungal Cells. Microbiology Spectrum, 2017, 5, .	3.0	24
97	Development of a low-cost cellulase production process using Trichoderma reesei for Brazilian biorefineries. Biotechnology for Biofuels, 2017, 10, 30.	6.2	167
98	Sequence-independent cloning methods for long DNA fragments applied to synthetic biology. Analytical Biochemistry, 2017, 530, 5-8.	2.4	1
99	The Aspergillus fumigatus CrzA Transcription Factor Activates Chitin Synthase Gene Expression during the Caspofungin Paradoxical Effect. MBio, 2017, 8, .	4.1	64
100	The low affinity glucose transporter HxtB is also involved in glucose signalling and metabolism in Aspergillus nidulans. Scientific Reports, 2017, 7, 45073.	3.3	20
101	ploidyNGS: visually exploring ploidy with Next Generation Sequencing data. Bioinformatics, 2017, 33, 2575-2576.	4.1	54
102	AspergillusÂfumigatusprotein phosphatase PpzA is involved in iron assimilation, secondary metabolite production, and virulence. Cellular Microbiology, 2017, 19, e12770.	2.1	72
103	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
104	Genome-wide transcriptome analysis ofAspergillus fumigatusexposed to osmotic stress reveals regulators of osmotic and cell wall stresses that are SakA^{HOG1}and MpkC dependent. Cellular Microbiology, 2017, 19, e12681.	2.1	52
105	The putative flavin carrier family FlcA-C is important forAspergillus fumigatusvirulence. Virulence, 2017, 8, 797-809.	4.4	10
106	Nutrient Sensing at the Plasma Membrane of Fungal Cells. , 2017, , 417-439.		4
107	The Cell Biology of the Trichosporon-Host Interaction. Frontiers in Cellular and Infection Microbiology, 2017, 7, 118.	3.9	53
108	Editorial: An Omics Perspective on Fungal Infection: Toward Next-Generation Diagnosis and Therapy. Frontiers in Microbiology, 2017, 8, 85.	3.5	1

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109	Filamentous fungal carbon catabolite repression supports metabolic plasticity and stress responses essential for disease progression. PLoS Pathogens, 2017, 13, e1006340.	4.7	80
110	Drivers of genetic diversity in secondary metabolic gene clusters within a fungal species. PLoS Biology, 2017, 15, e2003583.	5.6	187
111	A Reliable Assay to Evaluate the Virulence of Aspergillus nidulans Using the Alternative Animal Model Galleria mellonella (Lepidoptera). Bio-protocol, 2017, 7, .	0.4	13
112	Epidemiological and Genomic Landscape of Azole Resistance Mechanisms in Aspergillus Fungi. Frontiers in Microbiology, 2016, 7, 1382.	3.5	153
113	RNAseq reveals hydrophobins that are involved in the adaptation of Aspergillus nidulans to lignocellulose. Biotechnology for Biofuels, 2016, 9, 145.	6.2	43
114	Mitogen activated protein kinases SakA^{HOG1} and MpkC collaborate for Aspergillus fumigatus virulence. Molecular Microbiology, 2016, 100, 841-859.	2.5	110
115	Identification and characterization of putative xylose and cellobiose transporters in Aspergillus nidulans. Biotechnology for Biofuels, 2016, 9, 204.	6.2	76
116	Aspergillus fumigatusMADS-Box Transcription FactorrlmAIs Required for Regulation of the Cell Wall Integrity and Virulence. G3: Genes, Genomes, Genetics, 2016, 6, 2983-3002.	1.8	83
117	Diverse Regulation of the CreA Carbon Catabolite Repressor in Aspergillus nidulans. Genetics, 2016, 203, 335-352.	2.9	127
118	Dataset of differentially regulated proteins in HUVECs challenged with wild type and UGM1 mutant Aspergillus fumigatus strains. Data in Brief, 2016, 9, 24-31.	1.0	6
119	Expression of Two Novel Î²-Glucosidases from Chaetomium atrobrunneum in Trichoderma reesei and Characterization of the Heterologous Protein Products. Molecular Biotechnology, 2016, 58, 821-831.	2.4	24
120	Functional characterization of the <scp>A</scp>spergillus nidulans glucosylceramide pathway reveals that LCB Î”8â€desaturation and C9â€methylation are relevant to filamentous growth, lipid raft localization and Psd1 defensin activity. Molecular Microbiology, 2016, 102, 488-505.	2.5	34
121	The Aspergillus fumigatus SchA^{SCH9} kinase modulates SakA^{HOG1} MAP kinase activity and it is essential for virulence. Molecular Microbiology, 2016, 102, 642-671.	2.5	33
122	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
123	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
124	The contribution of Aspergillus fumigatus stress responses to virulence and antifungal resistance. Journal of Microbiology, 2016, 54, 243-253.	2.8	76
125	Insights into the plant polysaccharide degradation potential of the xylanolytic yeastPseudozyma brasiliensis. FEMS Yeast Research, 2016, 16, fov117.	2.3	10
126	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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127	Gâ€protein coupled receptorâ€mediated nutrient sensing and developmental control in <scp>A</scp>spergillus nidulans. Molecular Microbiology, 2015, 98, 420-439.	2.5	31
128	Draft Genome Sequence of Komagataeibacter intermedius Strain AF2, a Producer of Cellulose, Isolated from Kombucha Tea. Genome Announcements, 2015, 3, .	0.8	11
129	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
130	Comparative Secretome Analysis of Trichoderma reesei and Aspergillus niger during Growth on Sugarcane Biomass. PLoS ONE, 2015, 10, e0129275.	2.5	127
131	Pollination triggers female gametophyte development in immature Nicotiana tabacum flowers. Frontiers in Plant Science, 2015, 6, 561.	3.6	13
132	The development of animal infection models and antifungal efficacy assays against clinical isolates ofTrichosporon asahii,T. asteroidesandT. inkin. Virulence, 2015, 6, 476-486.	4.4	24
133	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
134	Fetal microchimerism in kidney biopsies of lupus nephritis patients may be associated with a beneficial effect. Arthritis Research and Therapy, 2015, 17, 101.	3.5	12
135	Multiple Phosphatases Regulate Carbon Source-Dependent Germination and Primary Metabolism in Aspergillus nidulans. G3: Genes, Genomes, Genetics, 2015, 5, 857-872.	1.8	25
136	Systematic Global Analysis of Genes Encoding Protein Phosphatases in Aspergillus fumigatus. G3: Genes, Genomes, Genetics, 2015, 5, 1525-1539.	1.8	52
137	<scp>H</scp>igh osmolarity glycerol response <scp>PtcB</scp> phosphatase is important for <scp>A</scp>spergillus fumigatus virulence. Molecular Microbiology, 2015, 96, 42-54.	2.5	69
138	Î²-(1â†'3),(1â†'6)-Glucans: medicinal activities, characterization, biosynthesis and new horizons. Applied Microbiology and Biotechnology, 2015, 99, 7893-7906.	3.6	59
139	On and Under the Skin: Emerging Basidiomycetous Yeast Infections Caused by Trichosporon Species. PLoS Pathogens, 2015, 11, e1004982.	4.7	42
140	The Sugarcane Defense Protein SUGARWIN2 Causes Cell Death in Colletotrichum falcatum but Not in Non-Pathogenic Fungi. PLoS ONE, 2014, 9, e91159.	2.5	20
141	TheAspergillus nidulansATM Kinase Regulates Mitochondrial Function, Glucose Uptake and the Carbon Starvation Response. G3: Genes, Genomes, Genetics, 2014, 4, 49-62.	1.8	30
142	TheAspergillus nidulanssignalling mucinMsbAregulates starvation responses, adhesion and affects cellulase secretion in response to environmental cues. Molecular Microbiology, 2014, 94, 1103-1120.	2.5	23
143	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
144	Draft Genome Sequence of Komagataeibacter rhaeticus Strain AF1, a High Producer of Cellulose, Isolated from Kombucha Tea. Genome Announcements, 2014, 2, .	0.8	24

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145	Mechanistic Strategies for Catalysis Adopted by Evolutionary Distinct Family 43 Arabinanases. Journal of Biological Chemistry, 2014, 289, 7362-7373.	3.4	21
146	<scp>ChIP</scp>â€seq reveals a role for <scp>CrzA</scp> in the <scp>A</scp>spergillus fumigatus highâ€osmolarity glycerol response (<scp>HOG</scp>) signalling pathway. Molecular Microbiology, 2014, 94, 655-674.	2.5	60
147	How nutritional status signalling coordinates metabolism and lignocellulolytic enzyme secretion. Fungal Genetics and Biology, 2014, 72, 48-63.	2.1	69
148	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
149	Functional characterization of a xylose transporter in Aspergillus nidulans. Biotechnology for Biofuels, 2014, 7, 46.	6.2	59
150	Biochemical characterization of an endoxylanase from Pseudozyma brasiliensis sp. nov. strain GHG001 isolated from the intestinal tract of Chrysomelidae larvae associated to sugarcane roots. Process Biochemistry, 2014, 49, 77-83.	3.7	21
151	Pseudozyma brasiliensis sp. nov., a xylanolytic, ustilaginomycetous yeast species isolated from an insect pest of sugarcane roots. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 2159-2168.	1.7	17
152	The Involvement of the Mid1/Cch1/Yvc1 Calcium Channels in Aspergillus fumigatus Virulence. PLoS ONE, 2014, 9, e103957.	2.5	41
153	Protein Kinase C Overexpression Suppresses Calcineurin-Associated Defects in Aspergillus nidulans and Is Involved in Mitochondrial Function. PLoS ONE, 2014, 9, e104792.	2.5	15
154	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
155	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
156	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
157	Aspergillus: Genomics of a Cosmopolitan Fungus. Soil Biology, 2013, , 89-126.	0.8	4
158	Fungal biology in Brazil. Fungal Genetics and Biology, 2013, 60, 1.	2.1	0
159	Transcriptional profiling of BrazilianSaccharomyces cerevisiaestrains selected for semi-continuous fermentation of sugarcane must. FEMS Yeast Research, 2013, 13, 277-290.	2.3	23
160	Draft Genome Sequence of Pseudozyma brasiliensis sp. nov. Strain GHG001, a High Producer of Endo-1,4-Xylanase Isolated from an Insect Pest of Sugarcane. Genome Announcements, 2013, 1, .	0.8	17
161	The Genome of Anopheles darlingi , the main neotropical malaria vector. Nucleic Acids Research, 2013, 41, 7387-7400.	14.5	102
162	TLR9 Activation Dampens the Early Inflammatory Response to Paracoccidioides brasiliensis, Impacting Host Survival. PLoS Neglected Tropical Diseases, 2013, 7, e2317.	3.0	18

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163	Genetic Bypass of Aspergillus nidulans crzA Function in Calcium Homeostasis. G3: Genes, Genomes, Genetics, 2013, 3, 1129-1141.	1.8	17
164	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
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