Iran Malavazi

List of Publications by Year
in descending order

98 papers	3,710 citations	186265 28 h-index	149698 56 g-index
105 all docs	105 docs citations	105 times ranked	4284 citing authors

#	Article	IF	Citations
1	Heterogeneity in the transcriptional response of the human pathogen Aspergillus fumigatus to the antifungal agent caspofungin. Genetics, 2022, 220, .	2.9	15
2	Identification and selection of a new Saccharomyces cerevisiae strain isolated from Brazilian ethanol fermentation process for application in beer production. Food Microbiology, 2022, 103, 103958.	4.2	6
3	Identification of a New Endo-Î²-1,4-xylanase Prospected from the Microbiota of the Termite Heterotermes tenuis. Microorganisms, 2022, 10, 906.	3.6	1
4	The Penicillium brasilianum Histone Deacetylase Clr3 Regulates Secondary Metabolite Production and Tolerance to Oxidative Stress. Journal of Fungi (Basel, Switzerland), 2022, 8, 514.	3.5	2
5	Metals addition for enhanced hydrogen, acetic and butyric acids production from cellulosic substrates by Clostridium butyricum. Biomass and Bioenergy, 2021, 150, 105679.	5.7	6
6	Aspergillus fumigatus Hsp90 interacts with the main components of the cell wall integrity pathway and cooperates in heat shock and cell wall stress adaptation. Cellular Microbiology, 2021, 23, e13273.	2.1	20
7	Expression profiles of neotropical termites reveal microbiotaâ€associated, casteâ€biased genes and biotechnological targets. Insect Molecular Biology, 2021, 30, 152-164.	2.0	1
8	Novel Biological Functions of the NsdC Transcription Factor in Aspergillus fumigatus. MBio, 2021, 12, .	4.1	10
9	Polypyridyl iron(<scp>iii</scp>) complexes containing long alkyl chains: synthesis, characterization, DFT calculations and biological activity. New Journal of Chemistry, 2021, 45, 12902-12914.	2.8	2
10	High-Intensity Interval Training Does Not Change Vaspin and Omentin and Does Not Reduce Visceral Adipose Tissue in Obese Rats. Frontiers in Physiology, 2021, 12, 564862.	2.8	8
11	Transcriptional Control of the Production of Aspergillus fumigatus Conidia-Borne Secondary Metabolite Fumiquinazoline C Important for Phagocytosis Protection. Genetics, 2021, 218, .	2.9	1
12	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
13	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
14	Dietary Intervention, When Not Associated With Exercise, Upregulates Irisin/FNDC5 While Reducing Visceral Adiposity Markers in Obese Rats. Frontiers in Physiology, 2021, 12, 564963.	2.8	4
15	The dynamics and role of sphingolipids in eukaryotic organisms upon thermal adaptation. Progress in Lipid Research, 2020, 80, 101063.	11.6	22
16	Perylenequinones production induced by co-culturing Setophoma sp. and Penicillium brasilianum. Phytochemistry Letters, 2020, 40, 76-83.	1.2	8
17	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
18	PDMS-urethanesil hybrid multifunctional materials: combining CO2 use and solâ€“gel processing. Journal of Sol-Gel Science and Technology, 2020, 95, 693-709.	2.4	6

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19	Physiological characterization of a new thermotolerant yeast strain isolated during Brazilian ethanol production, and its application in high-temperature fermentation. Biotechnology for Biofuels, 2020, 13, 178.	6.2	19
20	Aspergillus fumigatus Transcription Factors Involved in the Caspofungin Paradoxical Effect. MBio, 2020, 11, .	4.1	29
21	Characterization of KPC-Producing Serratia marcescens in an Intensive Care Unit of a Brazilian Tertiary Hospital. Frontiers in Microbiology, 2020, 11, 956.	3.5	26
22	Digestion of Intact Gluten Proteins by Bifidobacterium Species: Reduction of Cytotoxicity and Proinflammatory Responses. Journal of Agricultural and Food Chemistry, 2020, 68, 4485-4492.	5.2	10
23	The Cell Wall Integrity Pathway Contributes to the Early Stages of Aspergillus fumigatus Asexual Development. Applied and Environmental Microbiology, 2020, 86, .	3.1	20
24	Overview of the Interplay Between Cell Wall Integrity Signaling Pathways and Membrane Lipid Biosynthesis in Fungi: Perspectives forAspergillus fumigatus. Current Protein and Peptide Science, 2020, 21, 265-283.	1.4	4
25	Characterization of Aspergillus fumigatus Extracellular Vesicles and Their Effects on Macrophages and Neutrophils Functions. Frontiers in Microbiology, 2019, 10, 2008.	3.5	60
26	Global gene expression reveals an increase of HMGB1 and APEX1 proteins and their involvement in oxidative stress, apoptosis and inflammation pathways among betaâ€thalassaemia intermedia and major phenotypes. British Journal of Haematology, 2019, 186, 608-619.	2.5	7
27	Exercise and Omentin: Their Role in the Crosstalk Between Muscle and Adipose Tissues in Type 2 Diabetes Mellitus Rat Models. Frontiers in Physiology, 2019, 9, 1881.	2.8	15
28	Trans-chalcone activity against Trichophyton rubrum relies on an interplay between signaling pathways related to cell wall integrity and fatty acid metabolism. BMC Genomics, 2019, 20, 411.	2.8	9
29	The Aspergillus fumigatus Mucin MsbA Regulates the Cell Wall Integrity Pathway and Controls Recognition of the Fungus by the Immune System. MSphere, 2019, 4, .	2.9	8
30	Extracellular vesicles carry cellulases in the industrial fungus Trichoderma reesei. Biotechnology for Biofuels, 2019, 12, 146.	6.2	51
31	Mitogen-Activated Protein Kinase Cross-Talk Interaction Modulates the Production of Melanins in Aspergillus fumigatus. MBio, 2019, 10, .	4.1	56
32	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
33	Title is missing!. , 2019, 15, e1008551.		0
34	Title is missing!. , 2019, 15, e1008551.		0
35	Title is missing!. , 2019, 15, e1008551.		0
36	Monitoring H₂O₂ inside Aspergillus fumigatus with an Integrated Microelectrode: The Role of Peroxiredoxin Protein Prx1. Analytical Chemistry, 2018, 90, 2587-2593.	6.5	14

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37	Improvement of Brazilian bioethanol production â€“ Challenges and perspectives on the identification and genetic modification of new strains of Saccharomyces cerevisiae yeasts isolated during ethanol process. Fungal Biology, 2018, 122, 583-591.	2.5	35
38	Combating pathogens with Cs_{2.5}H_{0.5}PW₁₂O₄₀ nanoparticles: a new proton-regulated antimicrobial agent. Journal of Materials Chemistry B, 2018, 6, 143-152.	5.8	6
39	The Influence of Genetic Stability onAspergillus fumigatusVirulence and Azole Resistance. G3: Genes, Genomes, Genetics, 2018, 8, 265-278.	1.8	14
40	Protein Kinase A and High-Osmolarity Glycerol Response Pathways Cooperatively Control Cell Wall Carbohydrate Mobilization in Aspergillus fumigatus. MBio, 2018, 9, .	4.1	33
41	Draft Genome Sequence of the Fungus Penicillium brasilianum (Strain LaBioMMi 136), a Plant Endophyte from Melia azedarach. Microbiology Resource Announcements, 2018, 7, .	0.6	8
42	Global analysis of erythroid cells redox status reveals the involvement of Prdx1 and Prdx2 in the severity of beta thalassemia. PLoS ONE, 2018, 13, e0208316.	2.5	19
43	The Aspergillus nidulans Pyruvate Dehydrogenase Kinases Are Essential To Integrate Carbon Source Metabolism. G3: Genes, Genomes, Genetics, 2018, 8, 2445-2463.	1.8	23
44	Acidic Dressing Based on Agarose/Cs_{2.5}H_{0.5}PW₁₂O₄₀ Nanocomposite for Infection Control in Wound Care. ACS Applied Materials & Interfaces, 2018, 10, 30963-30972.	8.0	19
45	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
46	The AGC Kinase YpkA Regulates Sphingolipids Biosynthesis and Physically Interacts With SakA MAP Kinase in Aspergillus fumigatus. Frontiers in Microbiology, 2018, 9, 3347.	3.5	15
47	The Regulatory Function of the Molecular Chaperone Hsp90 in the Cell Wall Integrity of Pathogenic Fungi. Current Proteomics, 2018, 16, 44-53.	0.3	0
48	Porous poly (D,L â€‹actideâ€•co â€‹glycolide) acid/biosilicate Â® composite scaffolds for bone tissue engineering. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2017, 105, 63-71.	3.4	14
49	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
50	The Aspergillus fumigatus CrzA Transcription Factor Activates Chitin Synthase Gene Expression during the Caspofungin Paradoxical Effect. MBio, 2017, 8, .	4.1	64
51	Antibacterial and photocatalytic activity of ZnO nanoparticles from Zn(OH)2 dehydrated by azeotropic distillation, freeze drying, and ethanol washing. Advanced Powder Technology, 2017, 28, 463-472.	4.1	35
52	Transcriptomic and molecular genetic analysis of the cell wall salvage response ofAspergillus nigerto the absence of galactofuranose synthesis. Cellular Microbiology, 2016, 18, 1268-1284.	2.1	27
53	Mitogen activated protein kinases SakA^{HOG1} and MpkC collaborate for Aspergillus fumigatus virulence. Molecular Microbiology, 2016, 100, 841-859.	2.5	110
54	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

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55	Low-level laser therapy induces an upregulation of collagen gene expression during the initial process of bone healing: a microarray analysis. Journal of Biomedical Optics, 2016, 21, 088001.	2.6	14
56	Transcription profile of Trichophyton rubrum conidia grown on keratin reveals the induction of an adhesin-like protein gene with a tandem repeat pattern. BMC Genomics, 2016, 17, 249.	2.8	36
57	Effects of low level laser therapy on inflammatory and angiogenic gene expression during the process of bone healing: A microarray analysis. Journal of Photochemistry and Photobiology B: Biology, 2016, 154, 8-15.	3.8	50
58	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
59	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
60	Effects of low-level laser therapy on the expression of osteogenic genes during the initial stages of bone healing in rats: a microarray analysis. Lasers in Medical Science, 2015, 30, 2325-2333.	2.1	34
61	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
62	Evaluation of the bone healing process in an experimental tibial bone defect model in ovariectomized rats. Aging Clinical and Experimental Research, 2014, 26, 473-481.	2.9	16
63	Aspergillus: Genomics of a Cosmopolitan Fungus. Soil Biology, 2013, , 89-126.	0.8	4
64	Transcriptional profiling of BrazilianSaccharomyces cerevisiaestrains selected for semi-continuous fermentation of sugarcane must. FEMS Yeast Research, 2013, 13, 277-290.	2.3	23
65	Transcriptional profiling of Saccharomyces cerevisiae exposed to propolis. BMC Complementary and Alternative Medicine, 2012, 12, 194.	3.7	19
66	Morphogenesis in Paracoccidioides brasiliensis. Topics in Current Genetics, 2012, , 163-196.	0.7	0
67	Gene Disruption in Aspergillus fumigatus Using a PCR-Based Strategy and In Vivo Recombination in Yeast. Methods in Molecular Biology, 2012, 845, 99-118.	0.9	52
68	Transcriptome analysis of Aspergillus niger grown on sugarcane bagasse. Biotechnology for Biofuels, 2011, 4, 40.	6.2	122
69	Comparative Genomic Analysis of Human Fungal Pathogens Causing Paracoccidioidomycosis. PLoS Genetics, 2011, 7, e1002345.	3.5	164
70	Identification of possible targets of the Aspergillus fumigatus CRZ1 homologue, CrzA. BMC Microbiology, 2010, 10, 12.	3.3	58
71	Involvement of the Aspergillus nidulans protein kinase C with farnesol tolerance is related to the unfolded protein response. Molecular Microbiology, 2010, 78, 1259-1279.	2.5	35
72	The roles played by Aspergillus nidulans apoptosis-inducing factor (AIF)-like mitochondrial oxidoreductase (AifA) and NADH-ubiquinone oxidoreductases (NdeA-B and NdiA) in farnesol resistance. Fungal Genetics and Biology, 2010, 47, 1055-1069.	2.1	29

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73	Analysis of theNicotiana tabacumStigma/Style Transcriptome Reveals Gene Expression Differences between Wet and Dry Stigma Species Â Â. Plant Physiology, 2009, 149, 1211-1230.	4.8	65
74	A reliable measure of similarity based on dependency for short time series: an application to gene expression networks. BMC Bioinformatics, 2009, 10, 270.	2.6	1
75	Transcription regulation of the Pbgp43 gene by nitrogen in the human pathogen Paracoccidioides brasiliensis. Fungal Genetics and Biology, 2009, 46, 85-93.	2.1	9
76	Functional characterization of the Aspergillus nidulans methionine sulfoxide reductases (msrA and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.1	17
77	Phenotypic analysis of genes whose mRNA accumulation is dependent on calcineurin in Aspergillus fumigatus. Fungal Genetics and Biology, 2009, 46, 791-802.	2.1	21
78	Cdc42p controls yeast-cell shape and virulence of Paracoccidioides brasiliensis. Fungal Genetics and Biology, 2009, 46, 919-926.	2.1	54
79	Functional characterization of the putative Aspergillus nidulans DNA damage binding protein homologue DdbA. Molecular Genetics and Genomics, 2008, 279, 239-253.	2.1	3
80	Molecular characterization of the Aspergillus fumigatus NCS-1 homologue, NcsA. Molecular Genetics and Genomics, 2008, 280, 483-95.	2.1	11
81	Functional characterization of the Aspergillus fumigatus CRZ1 homologue, CrzA. Molecular Microbiology, 2008, 67, 1274-1291.	2.5	166
82	Farnesol induces the transcriptional accumulation of the Aspergillus nidulans Apoptosisâ€Inducing Factor (AIF)â€like mitochondrial oxidoreductase. Molecular Microbiology, 2008, 70, 44-59.	2.5	54
83	Functional characterization of the Aspergillus fumigatus PHO80 homologue. Fungal Genetics and Biology, 2008, 45, 1135-1146.	2.1	16
84	Genomic Islands in the Pathogenic Filamentous Fungus Aspergillus fumigatus. PLoS Genetics, 2008, 4, e1000046.	3.5	473
85	Genetic Interactions of the Aspergillus nidulans atmAATM Homolog With Different Components of the DNA Damage Response Pathway. Genetics, 2008, 178, 675-691.	2.9	13
86	Transcriptome analysis of the Aspergillus nidulans AtmA (ATM, Ataxia-Telangiectasia mutated) null mutant. Molecular Microbiology, 2007, 66, 74-99.	2.5	17
87	Transcriptome analysis and molecular studies on sulfur metabolism in the human pathogenic fungus Paracoccidioides brasiliensis. Molecular Genetics and Genomics, 2006, 276, 450-463.	2.1	27
88	Transcriptome analysis of Aspergillus fumigatus exposed to voriconazole. Current Genetics, 2006, 50, 32-44.	1.7	152
89	Regulation of Hyphal Morphogenesis and the DNA Damage Response by the Aspergillus nidulans ATM Homolog AtmA. Genetics, 2006, 173, 99-109.	2.9	30
90	Transcriptome Analysis of Aspergillus nidulans Exposed to Camptothecin-Induced DNA Damage. Eukaryotic Cell, 2006, 5, 1688-1704.	3.4	26

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91	The Aspergillus nidulans sldIRAD50 gene interacts with bimEAPC1, a homologue of an anaphase-promoting complex subunit. Molecular Microbiology, 2005, 57, 222-237.	2.5	8
92	The beta-chemokines MIP-1alpha and RANTES and lipoprotein metabolism in HIV-infected brazilian patients. Brazilian Journal of Infectious Diseases, 2005, 9, 315-23.	0.6	1
93	Aspergillus nidulans uvsB ATR and scaA NBS1 Genes Show Genetic Interactions during Recovery from Replication Stress and DNA Damage. Eukaryotic Cell, 2005, 4, 1239-1252.	3.4	10
94	The csnD/csnE Signalosome Genes Are Involved in the Aspergillus nidulans DNA Damage Response. Genetics, 2005, 171, 1003-1015.	2.9	23
95	In Vitro Evolution of Itraconazole Resistance in Aspergillus fumigatus Involves Multiple Mechanisms of Resistance. Antimicrobial Agents and Chemotherapy, 2004, 48, 4405-4413.	3.2	142
96	Abnormalities in apolipoprotein and lipid levels in an HIV-infected Brazilian population under different treatment profiles: the relevance of apolipoprotein E genotypes and immunological status. Clinical Chemistry and Laboratory Medicine, 2004, 42, 525-32.	2.3	15
97	TheAspergillus nidulans npkAGene Encodes a Cdc2-Related Kinase That Genetically Interacts With the UvsBATRKinase. Genetics, 2004, 167, 1629-1641.	2.9	19
98	Evaluation of argyrophilic nucleolar organizer regions in oral tumor progression. Micron, 2002, 33, 605-608.	2.2	6