## Candida albicans Biofilms: a Developmental State Assoc Expression Patterns

Eukaryotic Cell 3, 536-545 DOI: 10.1128/ec.3.2.536-545.2004

**Citation Report** 

## IF CITATIONS

| 1  | Systematic identification in silico of covalently bound cell wall proteins and analysis of protein-polysaccharide linkages of the human pathogen Candida glabrata. Microbiology (United) Tj ETQq0 0 0 r | gBTq <b>lØ</b> verl | ocka880 Tf 5⊓ |
|----|---|---------------------|---------------|
| 2  | Proteomic Analysis of Candida albicans Cell Walls Reveals Covalently Bound Carbohydrate-Active<br>Enzymes and Adhesins. Eukaryotic Cell, 2004, 3, 955-965.  | 3.4                 | 246           |
| 3  | CandidaDB: a genome database for Candida albicans pathogenomics. Nucleic Acids Research, 2004, 33,<br>D353-D357.  | 6.5                 | 79            |
| 4  | Candida albicans proteinases and host/pathogen interactions. Cellular Microbiology, 2004, 6, 915-926.   | 1.1                 | 288           |
| 5  | The Yak1p kinase controls expression of adhesins and biofilm formation in Candida glabrata in a<br>Sir4p-dependent pathway. Molecular Microbiology, 2004, 55, 1259-1271.                                | 1.2                 | 119           |
| 6  | Origins of variation in the fungal cell surface. Nature Reviews Microbiology, 2004, 2, 533-540.   | 13.6                | 177           |
| 8  | biofilm resistance. Drug Resistance Updates, 2004, 7, 301-309.  | 6.5                 | 186           |
| 9  | DNA array analysis ofCandida albicansgene expression in response to adherence to polystyrene. FEMS<br>Microbiology Letters, 2005, 245, 25-32.   | 0.7                 | 34            |
| 10 | Regulation of Cell-Surface Genes and Biofilm Formation by the C. albicans Transcription Factor Bcr1p. Current Biology, 2005, 15, 1150-1155.   | 1.8                 | 424           |
| 11 | Candida albicans Biofilms: More Than Filamentation. Current Biology, 2005, 15, R453-R455.   | 1.8                 | 102           |
| 12 | Recent advances in the genomic analysis of Candida albicans. Revista Iberoamericana De Micologia,<br>2005, 22, 187-193.   | 0.4                 | 8             |
| 13 | Use of genome information for the study of the pathogenesis of fungal infections and the development of diagnostic tools. Revista Iberoamericana De Micologia, 2005, 22, 238-241.                       | 0.4                 | 13            |
| 14 | Transcriptional profiling of Saccharomyces cerevisiae cells under adhesion-inducing conditions.<br>Molecular Genetics and Genomics, 2005, 273, 382-393.   | 1.0                 | 22            |
| 15 | Comparative Gene Expression Analysis by a Differential Clustering Approach: Application to the Candida albicans Transcription Program. PLoS Genetics, 2005, 1, e39.                                     | 1.5                 | 124           |
| 16 | A Human-Curated Annotation of the Candida albicans Genome. PLoS Genetics, 2005, 1, e1.  | 1.5                 | 293           |
| 17 | Genome-Wide Transcription Profiling of the Early Phase of Biofilm Formation by Candida albicans.<br>Eukaryotic Cell, 2005, 4, 1562-1573.  | 3.4                 | 142           |
| 18 | Phenotype switching affects biofilm formation by Candida parapsilosis. Microbiology (United) Tj ETQq0 0 0 rgBT  | Overlock            | 2 19 Jf 50 1  |

#

ARTICLE

<sup>19</sup> Global Role of the Protein Kinase Gcn2 in the Human Pathogen Candida albicans. Eukaryotic Cell, 2005, 4, 1687-1696. 3.4 58

|    | CHATON  | CEPURI |           |
|----|---|--------|-----------|
| #  | Article   | IF     | Citations |
| 20 | Yeast wall protein 1 of Candida albicans. Microbiology (United Kingdom), 2005, 151, 1631-1644.  | 0.7    | 123       |
| 21 | Candida albicans Biofilm-Defective Mutants. Eukaryotic Cell, 2005, 4, 1493-1502.  | 3.4    | 160       |
| 22 | cDNA Microarray Analysis of Differential Gene Expression in Candida albicans Biofilm Exposed to<br>Farnesol. Antimicrobial Agents and Chemotherapy, 2005, 49, 584-589.  | 1.4    | 212       |
| 23 | Comprehensive Proteomic Analysis of Saccharomyces cerevisiae Cell Walls. Journal of Biological<br>Chemistry, 2005, 280, 20894-20901.  | 1.6    | 168       |
| 24 | Candida Biofilms: an Update. Eukaryotic Cell, 2005, 4, 633-638.   | 3.4    | 612       |
| 25 | <i>Candida</i> biofilm: a well-designed protected environment. Medical Mycology, 2005, 43, 191-208.   | 0.3    | 132       |
| 26 | Lessons from DNA microarray analysis: the gene expression profile of biofilms. Current Opinion in Microbiology, 2005, 8, 222-227.   | 2.3    | 143       |
| 27 | Quantification of ALS1 gene expression in Candida albicans biofilms by RT-PCR using hybridisation probes on the LightCyclerâ,,¢. Molecular and Cellular Probes, 2005, 19, 153-162.                                    | 0.9    | 46        |
| 28 | Global analysis of altered gene expression during morphogenesis of Candida albicans in vitro.<br>Biochemical and Biophysical Research Communications, 2005, 334, 1149-1158.   |        | 22        |
| 29 | ALTERNATIVECANDIDA ALBICANSLIFESTYLES: Growth on Surfaces. Annual Review of Microbiology, 2005, 59, 113-133.  |        | 224       |
| 31 | Candida albicans biofilm development, modeling a host–pathogen interaction. Current Opinion in<br>Microbiology, 2006, 9, 340-345.   | 2.3    | 190       |
| 32 | How to build a biofilm: a fungal perspective. Current Opinion in Microbiology, 2006, 9, 588-594.  | 2.3    | 453       |
| 34 | Genomics of Pathogenic Fungi. , 2006, , 389-416.  |        | 0         |
| 35 | Microarrays for Studying Pathogenicity inCandida Albicans. , 0, , 181-209.  |        | 18        |
| 36 | Development and evaluation of different normalization strategies for gene expression studies in Candida albicans biofilms by real-time PCR. BMC Molecular Biology, 2006, 7, 25.                                       | 3.0    | 139       |
| 37 | Proteomics for the analysis of theCandida albicans biofilm lifestyle. Proteomics, 2006, 6, 5795-5804.   | 1.3    | 113       |
| 38 | Genetics and genomics of Candida albicans biofilm formation. Cellular Microbiology, 2006, 8, 1382-1391.   | 1.1    | 237       |
| 39 | Use of DNA microarray technology and gene expression profiles to investigate the pathogenesis, cell<br>biology, antifungal susceptibility and diagnosis ofCandida albicans. FEMS Yeast Research, 2006, 6,<br>987-998. | 1.1    | 28        |

| #                          | Article   | IF  | CITATIONS                     |
|----------------------------|---|---|-------------------------------|
| 40                         | Effect of farnesol onCandida dubliniensisbiofilm formation and fluconazole resistance. FEMS Yeast Research, 2006, 6, 1063-1073.   | 1.1   | 105                           |
| 41                         | Opaque cells signal white cells to form biofilms in Candida albicans. EMBO Journal, 2006, 25, 2240-2252.  | 3.5   | 155                           |
| 42                         | Candida albicans Biofilms Produce Antifungal-Tolerant Persister Cells. Antimicrobial Agents and Chemotherapy, 2006, 50, 3839-3846.  | 1.4   | 436                           |
| 43                         | The Opi1p Transcription Factor Affects Expression of FLO11 , Mat Formation, and Invasive Growth in Saccharomyces cerevisiae. Eukaryotic Cell, 2006, 5, 1266-1275.   | 3.4   | 31                            |
| 44                         | Transcriptional and translational expression patterns associated with immobilized growth of Campylobacter jejuni. Microbiology (United Kingdom), 2006, 152, 567-577.  | 0.7   | 58                            |
| 45                         | Candida albicans Als3p is required for wild-type biofilm formation on silicone elastomer surfaces.<br>Microbiology (United Kingdom), 2006, 152, 2287-2299.  | 0.7   | 155                           |
| 46                         | Protein O- Mannosyltransferase Isoforms Regulate Biofilm Formation in Candida albicans.<br>Antimicrobial Agents and Chemotherapy, 2006, 50, 3488-3491.  | 1.4   | 34                            |
| 47                         | Talking to Themselves: Autoregulation and Quorum Sensing in Fungi. Eukaryotic Cell, 2006, 5, 613-619.   | 3.4   | 237                           |
| 48                         | Transcriptional Profiling of Cross Pathway Control in Neurospora crassa and Comparative Analysis of the Gcn4 and CPC1 Regulons. Eukaryotic Cell, 2007, 6, 1018-1029.  | 3.4   | 73                            |
|                            |   |   |                               |
| 49                         | New Insights in Medical Mycology. , 2007, , .   |   | 5                             |
| 49<br>50                   | New Insights in Medical Mycology. , 2007, , .<br>Temporal analysis of Candida albicans gene expression during biofilm development. Microbiology<br>(United Kingdom), 2007, 153, 2373-2385.  | 0.7   | 5                             |
|                            | Temporal analysis of Candida albicans gene expression during biofilm development. Microbiology  | 0.7   |                               |
| 50                         | Temporal analysis of Candida albicans gene expression during biofilm development. Microbiology<br>(United Kingdom), 2007, 153, 2373-2385.<br>Eap1p, an Adhesin That Mediates Candida albicans Biofilm Formation In Vitro and In Vivo. Eukaryotic  |   | 121                           |
| 50<br>51                   | Temporal analysis of Candida albicans gene expression during biofilm development. Microbiology<br>(United Kingdom), 2007, 153, 2373-2385.<br>Eap1p, an Adhesin That Mediates Candida albicans Biofilm Formation In Vitro and In Vivo. Eukaryotic<br>Cell, 2007, 6, 931-939.<br>Candida albicans Biofilms Produce More Secreted Aspartyl Protease than the Planktonic Cells.   | 3.4   | 121<br>124                    |
| 50<br>51<br>52             | <ul> <li>Temporal analysis of Candida albicans gene expression during biofilm development. Microbiology (United Kingdom), 2007, 153, 2373-2385.</li> <li>Eap1p, an Adhesin That Mediates Candida albicans Biofilm Formation In Vitro and In Vivo. Eukaryotic Cell, 2007, 6, 931-939.</li> <li>Candida albicans Biofilms Produce More Secreted Aspartyl Protease than the Planktonic Cells. Biological and Pharmaceutical Bulletin, 2007, 30, 1813-1815.</li> <li>Genomics and the development of new diagnostics and anti-Candida drugs. Trends in Microbiology,</li> </ul>   | 3.4<br>0.6  | 121<br>124<br>43              |
| 50<br>51<br>52<br>53       | Temporal analysis of Candida albicans gene expression during biofilm development. Microbiology (United Kingdom), 2007, 153, 2373-2385.         Eap1p, an Adhesin That Mediates Candida albicans Biofilm Formation In Vitro and In Vivo. Eukaryotic Cell, 2007, 6, 931-939.         Candida albicans Biofilms Produce More Secreted Aspartyl Protease than the Planktonic Cells. Biological and Pharmaceutical Bulletin, 2007, 30, 1813-1815.         Genomics and the development of new diagnostics and anti-Candida drugs. Trends in Microbiology, 2007, 15, 310-317.         Infection-related gene expression in Candida albicans. Current Opinion in Microbiology, 2007, 10,   | 3.4<br>0.6<br>3.5   | 121<br>124<br>43<br>23        |
| 50<br>51<br>52<br>53<br>54 | Temporal analysis of Candida albicans gene expression during biofilm development. Microbiology (United Kingdom), 2007, 153, 2373-2385.         Eap1p, an Adhesin That Mediates Candida albicans Biofilm Formation In Vitro and In Vivo. Eukaryotic Cell, 2007, 6, 931-939.         Candida albicans Biofilms Produce More Secreted Aspartyl Protease than the Planktonic Cells. Biological and Pharmaceutical Bulletin, 2007, 30, 1813-1815.         Genomics and the development of new diagnostics and anti-Candida drugs. Trends in Microbiology, 2007, 15, 310-317.         Infection-related gene expression in Candida albicans. Current Opinion in Microbiology, 2007, 10, 307-313.         Biofilm formation by fluconazole-resistant Candida albicans strains is inhibited by fluconazole. | <ul><li>3.4</li><li>0.6</li><li>3.5</li><li>2.3</li></ul> | 121<br>124<br>43<br>23<br>136 |

| #  | Article  |     | CITATIONS |
|----|--|-----|-----------|
| 58 | The SUN41 and SUN42 genes are essential for cell separation in Candida albicans. Molecular Microbiology, 2007, 66, 1256-1275.  | 1.2 | 52        |
| 59 | <b><i>Candida albicans</i></b> biofilm formation is associated with increased antiâ€oxidative capacities. Proteomics, 2008, 8, 2936-2947.  | 1.3 | 86        |
| 60 | Multidrug Tolerance of Biofilms and Persister Cells. Current Topics in Microbiology and Immunology, 2008, 322, 107-131.  | 0.7 | 623       |
| 61 | Biofilm lifestyle of <i>Candida:</i> a mini review. Oral Diseases, 2008, 14, 582-590.  | 1.5 | 269       |
| 62 | Characteristics of biofilm formation by Candida tropicalis and antifungal resistance. FEMS Yeast<br>Research, 2008, 8, 442-450.  | 1.1 | 131       |
| 63 | Biofilm microbial communities of denture stomatitis. Oral Microbiology and Immunology, 2008, 23, 419-424.  | 2.8 | 92        |
| 64 | Complementary Adhesin Function in C. albicans Biofilm Formation. Current Biology, 2008, 18, 1017-1024.   | 1.8 | 293       |
| 65 | Candida Biofilms: Is Adhesion Sexy?. Current Biology, 2008, 18, R717-R720.   | 1.8 | 32        |
| 66 | Formación de biopelÃculas de Candida albicans en condiciones de flujo utilizando un aparato de<br>Robbins modificado mejorado. Revista Iberoamericana De Micologia, 2008, 25, 37-40. | 0.4 | 40        |
| 68 | Candida albicans–macrophage interactions: genomic and proteomic insights. Future Microbiology,<br>2008, 3, 661-681.  | 1.0 | 18        |
| 69 | Discovering the secrets of the <i>Candida albicans</i> agglutinin-like sequence (ALS) gene family – a sticky pursuit. Medical Mycology, 2008, 46, 1-15.                              | 0.3 | 307       |
| 70 | Hyphal Growth and Virulence in Candida albicans. , 2008, , 95-114.   |     | 1         |
| 71 | Transcriptomics of the Fungal Pathogens, Focusing on Candida albicans. , 2008, , 187-222.  |     | 3         |
| 72 | Human and Animal Relationships. , 2008, , .  |     | 5         |
| 73 | Bacterial Biofilms. Current Topics in Microbiology and Immunology, 2008, , .   | 0.7 | 37        |
| 74 | <i>Candida albicans</i> Cell Wall Proteins. Microbiology and Molecular Biology Reviews, 2008, 72, 495-544.   | 2.9 | 404       |
| 75 | Candida albicans VPS1 contributes to protease secretion, filamentation, and biofilm formation. Fungal<br>Genetics and Biology, 2008, 45, 861-877.                                    | 0.9 | 53        |
| 76 | The Yak1 Kinase Is Involved in the Initiation and Maintenance of Hyphal Growth in <i>Candida albicans</i> . Molecular Biology of the Cell, 2008, 19, 2251-2266.                      | 0.9 | 59        |

| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 77 | Efg1-mediated Recruitment of NuA4 to Promoters Is Required for Hypha-specific Swi/Snf Binding and Activation in <i>Candida albicans</i> . Molecular Biology of the Cell, 2008, 19, 4260-4272. | 0.9 | 72        |
| 78 | Hypoxic conditions and iron restriction affect the cell-wall proteome of Candida albicans grown under vagina-simulative conditions. Microbiology (United Kingdom), 2008, 154, 510-520.        | 0.7 | 104       |
| 80 | The Susceptibility of Candida albicans to Gamma-Radiations and Ketoconazole Depends on Transitional Filamentation. Open Microbiology Journal, 2008, 2, 66-73.                                 | 0.2 | 2         |
| 81 | Hypoxic Adaptation by Efg1 Regulates Biofilm Formation by <i>Candida albicans</i> . Applied and Environmental Microbiology, 2009, 75, 3663-3672.  | 1.4 | 74        |
| 82 | The Glycosylphosphatidylinositol-Anchored Protease Sap9 Modulates the Interaction of <i>Candida albicans</i> with Human Neutrophils. Infection and Immunity, 2009, 77, 5216-5224.             | 1.0 | 43        |
| 83 | <i>Candida albicans</i> and <i>Staphylococcus aureus</i> Form Polymicrobial Biofilms: Effects on<br>Antimicrobial Resistance. Antimicrobial Agents and Chemotherapy, 2009, 53, 3914-3922.     | 1.4 | 445       |
| 84 | Property Differences among the Four Major <i>Candida albicans</i> Strain Clades. Eukaryotic Cell, 2009, 8, 373-387.   | 3.4 | 138       |
| 85 | Correlation between Biofilm Formation and the Hypoxic Response in <i>Candida parapsilosis</i> .<br>Eukaryotic Cell, 2009, 8, 550-559.   | 3.4 | 83        |
| 86 | Biofilms, Infection, and Parenteral Nutrition Therapy. Journal of Parenteral and Enteral Nutrition, 2009, 33, 397-403.  | 1.3 | 44        |
| 87 | Conserved WCPL and CX4C Domains Mediate Several Mating Adhesin Interactions in Saccharomyces cerevisiae. Genetics, 2009, 182, 173-189.  | 1.2 | 16        |
| 88 | <i>Streptococcus gordonii</i> Modulates <i>Candida albicans</i> Biofilm Formation through<br>Intergeneric Communication. Infection and Immunity, 2009, 77, 3696-3704.                         | 1.0 | 257       |
| 89 | Biofilm Matrix Regulation by Candida albicans Zap1. PLoS Biology, 2009, 7, e1000133.  | 2.6 | 286       |
| 90 | Time Course Global Gene Expression Analysis of an In Vivo <i>Candida</i> Biofilm. Journal of Infectious Diseases, 2009, 200, 307-313.   | 1.9 | 156       |
| 91 | The GPI-modified proteins Pga59 and Pga62 of Candida albicans are required for cell wall integrity.<br>Microbiology (United Kingdom), 2009, 155, 2004-2020.                                   | 0.7 | 56        |
| 92 | Efflux-Mediated Antifungal Drug Resistance. Clinical Microbiology Reviews, 2009, 22, 291-321.   | 5.7 | 483       |
| 93 | Biofilm Formation by <i>Pneumocystis</i> spp. Eukaryotic Cell, 2009, 8, 197-206.  | 3.4 | 92        |
| 94 | A Candida albicans early stage biofilm detachment event in rich medium. BMC Microbiology, 2009, 9, 25.  | 1.3 | 43        |
| 96 | Monitoring ALS1 and ALS3 Gene Expression During InÂVitro Candida albicans Biofilm Formation Under<br>Continuous Flow Conditions. Mycopathologia, 2009, 167, 9-17.                             | 1.3 | 43        |

|     | Сітатіо   | on Report |           |
|-----|---|-----------|-----------|
| #   | Article   | IF        | Citations |
| 97  | Design of a Simple Model of Candida albicans Biofilms Formed under Conditions of Flow:<br>Development, Architecture, and Drug Resistance. Mycopathologia, 2009, 168, 101-109.   | 1.3       | 70        |
| 98  | Anticandidal cytotoxicity, antitumor activities, and purified cell wall modulation by novel Schiff base<br>ligand and its metal (II) complexes against some pathogenic yeasts. Archives of Microbiology, 2009, 191,<br>687-695. | 1.0       | 12        |
| 99  | Proteomic analysis of cytoplasmic and surface proteins from yeast cells, hyphae, and biofilms of <b><i>Candida albicans</i></b> . Proteomics, 2009, 9, 2230-2252.   | 1.3       | 88        |
| 100 | Promoter regulation in <i>Candida albicans</i> and related species. FEMS Yeast Research, 2009, 9, 2-15.   | 1.1       | 16        |
| 101 | Covalently linked cell wall proteins of <i>Candida albicans</i> and their role in fitness and virulence.<br>FEMS Yeast Research, 2009, 9, 1013-1028.  | 1.1       | 141       |
| 102 | The expression of genes involved in the ergosterol biosynthesis pathway in <i>Candida albicans</i> and <i>Candida dubliniensis</i> biofilms exposed to fluconazole. Mycoses, 2009, 52, 118-128.                                 | 1.8       | 54        |
| 103 | Distribution of mutations distinguishing the most prevalent disease-causing Candida albicans genotype from other genotypesâ~†. Infection, Genetics and Evolution, 2009, 9, 493-500.   | 1.0       | 11        |
| 104 | The developmental model of microbial biofilms: ten years of a paradigm up for review. Trends in<br>Microbiology, 2009, 17, 73-87.   |           | 481       |
| 105 | Effect of filamentation and mode of growth on antifungal susceptibility of Candida albicans.<br>International Journal of Antimicrobial Agents, 2009, 34, 333-339.   |           | 38        |
| 106 | Our Current Understanding of Fungal Biofilms. Critical Reviews in Microbiology, 2009, 35, 340-355.  |           | 429       |
| 107 | Expression ofCgCDR1,CgCDR2, andCgERG11inCandida glabratabiofilms formed by bloodstream isolates.<br>Medical Mycology, 2009, 47, 545-548.  | 0.3       | 25        |
| 108 | Increased Resistance of Contact Lens-Related Bacterial Biofilms to Antimicrobial Activity of Soft<br>Contact Lens Care Solutions. Cornea, 2009, 28, 918-926.  | 0.9       | 143       |
| 109 | Antifungal drug resistance of oral fungi. Odontology / the Society of the Nippon Dental University, 2010, 98, 15-25.  | 0.9       | 131       |
| 110 | Fungal Biofilms: Relevance in the Setting of Human Disease. Current Fungal Infection Reports, 2010, 4, 266-275.   | 0.9       | 75        |
| 111 | Global screening of potential Candida albicans biofilm-related transcription factors via network comparison. BMC Bioinformatics, 2010, 11, 53.  | 1.2       | 29        |
| 112 | Real-time PCR expression profiling of genes encoding potential virulence factors in Candida albicans<br>biofilms: identification of model-dependent and -independent gene expression. BMC Microbiology, 2010,<br>10, 114.       | 1.3       | 127       |
| 113 | Functional genomic profiling of <i>Aspergillus fumigatus</i> biofilm reveals enhanced production of the mycotoxin gliotoxin. Proteomics, 2010, 10, 3097-3107.   | 1.3       | 82        |
| 114 | Response of sessile cells to stress: from changes in gene expression to phenotypic adaptation. FEMS<br>Immunology and Medical Microbiology, 2010, 59, 239-252.  | 2.7       | 39        |

| #   | Article   | IF   | CITATIONS |
|-----|---|------|-----------|
| 115 | <i>Aspergillus fumigatus</i> MedA governs adherence, host cell interactions and virulence. Cellular<br>Microbiology, 2010, 12, 473-488.   | 1.1  | 124       |
| 116 | Interaction of <i>Candida albicans</i> Biofilms with Antifungals: Transcriptional Response and<br>Binding of Antifungals to Beta-Glucans. Antimicrobial Agents and Chemotherapy, 2010, 54, 2096-2111. | 1.4  | 165       |
| 117 | Candida albicans biofilm formation in a new in vivo rat model. Microbiology (United Kingdom), 2010,<br>156, 909-919.  | 0.7  | 97        |
| 118 | An easy and economical in vitro method for the formation ofCandida albicansbiofilms under continuous conditions of flow. Virulence, 2010, 1, 483-487.   | 1.8  | 30        |
| 119 | Combating Fungal Infections. , 2010, , .  |      | 16        |
| 120 | Gene Annotation and Drug Target Discovery in Candida albicans with a Tagged Transposon Mutant<br>Collection. PLoS Pathogens, 2010, 6, e1001140.   | 2.1  | 85        |
| 121 | Catheter-related bloodstream infections: catheter management according to pathogen. International<br>Journal of Antimicrobial Agents, 2010, 36, S26-S32.  | 1.1  | 44        |
| 122 | Yeast Biofilms. , 2010, , 121-144.  |      | 1         |
| 123 | Non-steroidal anti-inflammatory drugs may modulate the protease activity of Candida albicans.<br>Microbial Pathogenesis, 2010, 49, 315-322.   | 1.3  | 22        |
| 124 | Pathogenic Yeasts. , 2010, , .  |      | 8         |
| 125 | Metabolic Pathways as Drug Targets: Targeting the Sulphur Assimilatory Pathways of Yeast and Fungi<br>for Novel Drug Discovery. , 2010, , 327-346.  |      | 8         |
| 126 | The metabolic basis of Candida albicans morphogenesis and quorum sensing. Fungal Genetics and Biology, 2011, 48, 747-763.   | 0.9  | 141       |
| 127 | Identification of an antifungal peptide from Trapa natans fruits with inhibitory effects on Candida<br>tropicalis biofilm formation. Peptides, 2011, 32, 1741-1747.                                   | 1.2  | 57        |
| 129 | The zinc cluster transcription factor Ahr1p directs Mcm1p regulation of <i>Candida albicans</i> adhesion. Molecular Microbiology, 2011, 79, 940-953.  | 1.2  | 48        |
| 130 | Contribution of the glycolytic flux and hypoxia adaptation to efficient biofilm formation by <i>Candida albicans</i> . Molecular Microbiology, 2011, 80, 995-1013.                                    | 1.2  | 131       |
| 131 | Some biological features of Candida albicans mutants for genes coding fungal proteins containing the CFEM domain. FEMS Yeast Research, 2011, 11, 273-284.   | 1.1  | 36        |
| 132 | Pga26 mediates filamentation and biofilm formation and is required for virulence in Candida albicans.<br>FEMS Yeast Research, 2011, 11, 389-397.  | 1.1  | 19        |
| 133 | Genetic control of Candida albicans biofilm development. Nature Reviews Microbiology, 2011, 9,<br>109-118.  | 13.6 | 509       |

| #   | Article  |     | CITATIONS |
|-----|--|-----|-----------|
| 134 | Identification and Differential Gene Expression of Adhesin-Like Wall Proteins in Candida glabrata<br>Biofilms. Mycopathologia, 2011, 172, 415-427.   |     | 47        |
| 135 | Aspartic Protease Inhibitors as Potential Anti-Candida albicans Drugs: Impacts on Fungal Biology,<br>Virulence and Pathogenesis. Current Medicinal Chemistry, 2011, 18, 2401-2419.   | 1.2 | 54        |
| 136 | Detailed comparison of Candida albicans and Candida glabrata biofilms under different conditions<br>and their susceptibility to caspofungin and anidulafungin. Journal of Medical Microbiology, 2011, 60,<br>1261-1269.        | 0.7 | 103       |
| 137 | Hsp90 Governs Dispersion and Drug Resistance of Fungal Biofilms. PLoS Pathogens, 2011, 7, e1002257.  | 2.1 | 231       |
| 138 | Pathogen and host factors are needed to provoke a systemic host response to gastrointestinal<br>infection of <i>Drosophila</i> larvae by <i>Candida albicans</i> . DMM Disease Models and Mechanisms,<br>2011, 4, 515-525.     | 1.2 | 60        |
| 139 | The NDR/LATS Kinase Cbk1 Controls the Activity of the Transcriptional Regulator Bcr1 during Biofilm Formation in Candida albicans. PLoS Pathogens, 2012, 8, e1002683.  | 2.1 | 36        |
| 140 | Fungal Biofilm Resistance. International Journal of Microbiology, 2012, 2012, 1-14.  | 0.9 | 403       |
| 141 | A sticky situation. Transcription, 2012, 3, 315-322.   | 1.7 | 91        |
| 142 | Fungal Biofilms. PLoS Pathogens, 2012, 8, e1002585.  | 2.1 | 347       |
| 143 | Divergent Targets of Candida albicans Biofilm Regulator Bcr1 <i>In Vitro</i> and <i>In Vivo</i> .<br>Eukaryotic Cell, 2012, 11, 896-904.   | 3.4 | 103       |
| 144 | Candida albicans Biofilms Do Not Trigger Reactive Oxygen Species and Evade Neutrophil Killing.<br>Journal of Infectious Diseases, 2012, 206, 1936-1945.  | 1.9 | 97        |
| 145 | Antibiofilm activity of certain phytocompounds and their synergy with fluconazole against Candida albicans biofilms. Journal of Antimicrobial Chemotherapy, 2012, 67, 618-621.   | 1.3 | 136       |
| 146 | Flexible Survival Strategies of Pseudomonas aeruginosa in Biofilms Result in Increased Fitness<br>Compared with Candida albicans. Molecular and Cellular Proteomics, 2012, 11, 1652-1669.                                      | 2.5 | 55        |
| 147 | Antifungal Activity against Candida Biofilms. International Journal of Artificial Organs, 2012, 35, 780-791.   | 0.7 | 26        |
| 148 | <i>Candida</i> Biofilms and the Host: Models and New Concepts for Eradication. International Journal of Microbiology, 2012, 2012, 1-16.  | 0.9 | 85        |
| 149 | Carbon sourceâ€induced reprogramming of the cell wall proteome and secretome modulates the adherence and drug resistance of the fungal pathogen <scp> <i>C</i></scp> <i>andida albicans</i> . Proteomics, 2012, 12, 3164-3179. | 1.3 | 142       |
| 150 | Inhibition of Candida albicans yeast–hyphal transition and biofilm formation by Solidago virgaurea water extracts. Journal of Medical Microbiology, 2012, 61, 1016-1022.   | 0.7 | 47        |
| 151 | Photodynamic inactivation for controlling Candida albicans infections. Fungal Biology, 2012, 116, 1-10.  | 1.1 | 112       |

| #   | Article   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 152 | Transcriptomic and proteomic analyses of Desulfovibrio vulgaris biofilms: Carbon and energy flow contribute to the distinct biofilm growth state. BMC Genomics, 2012, 13, 138.  | 1.2 | 67        |
| 153 | Transcriptional Profiling of a Yeast Colony Provides New Insight into the Heterogeneity of<br>Multicellular Fungal Communities. PLoS ONE, 2012, 7, e46243.  | 1.1 | 34        |
| 154 | Metabolome analysis during the morphological transition of Candida albicans. Metabolomics, 2012, 8, 1204-1217.  | 1.4 | 24        |
| 155 | <i>In Vitro</i> Interactions between Aspirin and Amphotericin B against Planktonic Cells and Biofilm<br>Cells of Candida albicans and C. parapsilosis. Antimicrobial Agents and Chemotherapy, 2012, 56,<br>3250-3260.                 | 1.4 | 66        |
| 156 | Biofilm Formation Studies in Microtiter Plate Format. Methods in Molecular Biology, 2012, 845, 369-377.   | 0.4 | 2         |
| 157 | <i>Candida</i> species: new insights into biofilm formation. Future Microbiology, 2012, 7, 755-771.   | 1.0 | 69        |
| 158 | Ambroxol influences voriconazole resistance of Candida parapsilosis biofilm. FEMS Yeast Research, 2012, 12, 430-438.  | 1.1 | 32        |
| 159 | <i>Candida</i> biofilms associated with CVC and medical devices. Mycoses, 2012, 55, 46-57.  | 1.8 | 44        |
| 160 | De-novo assembly and characterization of the transcriptome of Metschnikowia fructicola reveals<br>differences in gene expression following interaction with Penicillium digitatumand grapefruit peel.<br>BMC Genomics, 2013, 14, 168. | 1.2 | 79        |
|     |   |     |           |

| #   | Article  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 170 | Candida species biofilm and Candida albicans ALS3 polymorphisms in clinical isolates. Brazilian Journal of Microbiology, 2014, 45, 1371-1377.  | 0.8 | 17        |
| 171 | Comparative Phenotypic Analysis of the Major Fungal Pathogens Candida parapsilosis and Candida albicans. PLoS Pathogens, 2014, 10, e1004365.   | 2.1 | 108       |
| 172 | Targeted Changes of the Cell Wall Proteome Influence Candida albicans Ability to Form Single- and<br>Multi-strain Biofilms. PLoS Pathogens, 2014, 10, e1004542.  | 2.1 | 54        |
| 173 | Metabolism in Fungal Pathogenesis. Cold Spring Harbor Perspectives in Medicine, 2014, 4, a019695-a019695.  | 2.9 | 98        |
| 174 | Fungal Biofilms, Drug Resistance, and Recurrent Infection. Cold Spring Harbor Perspectives in Medicine, 2014, 4, a019729-a019729.  | 2.9 | 196       |
| 175 | Identification of immunogenic proteins of <i>Candida parapsilosis</i> by serological proteome analysis. Journal of Applied Microbiology, 2014, 116, 999-1009.  | 1.4 | 16        |
| 176 | Characterization of Biofilm Formation and the Role of <i>BCR1</i> in Clinical Isolates of Candida parapsilosis. Eukaryotic Cell, 2014, 13, 438-451.  | 3.4 | 34        |
| 177 | Fungal Genomics. , 2014, , .   |     | 2         |
| 178 | Genetic determinants of virulence – Candida parapsilosis. Revista Iberoamericana De Micologia, 2014,<br>31, 16-21.   | 0.4 | 13        |
| 179 | Ion-pairing chromatography on a porous graphitic carbon column coupled with time-of-flight mass spectrometry for targeted and untargeted profiling of amino acid biomarkers involved in Candida albicans biofilm formation. Molecular BioSystems, 2014, 10, 74-85. | 2.9 | 22        |
| 180 | The role of Mss11 in Candida albicans biofilm formation. Molecular Genetics and Genomics, 2014, 289, 807-819.  | 1.0 | 13        |
| 181 | Sexual biofilm formation in <scp><i>C</i></scp> <i>andida tropicalis</i> opaque cells. Molecular<br>Microbiology, 2014, 92, 383-398.   | 1.2 | 12        |
| 182 | Candida albicans Niche Specialization: Features That Distinguish Biofilm Cells from Commensal Cells.<br>Current Fungal Infection Reports, 2014, 8, 179-184.  | 0.9 | 17        |
| 183 | A single inhibitory upstream open reading frame (uORF) is sufficient to regulate <i>Candida albicans<br/>GCN4</i> translation in response to amino acid starvation conditions. Rna, 2014, 20, 559-567.   | 1.6 | 30        |
| 184 | Novel role of a family of major facilitator transporters in biofilm development and virulence of <i>Candida albicans</i> . Biochemical Journal, 2014, 460, 223-235.  | 1.7 | 62        |
| 186 | <i>Candida albicans</i> Biofilm Development and Its Genetic Control. , 0, , 99-114.  |     | 4         |
| 187 | <i>Candida albicans</i> Biofilm Development and Its Genetic Control. Microbiology Spectrum, 2015, 3, .   | 1.2 | 71        |
| 188 | Characterization of Cell Wall Proteins in Saccharomyces cerevisiae Clinical Isolates Elucidates<br>Hsp150p in Virulence. PLoS ONE, 2015, 10, e0135174.   | 1.1 | 21        |

| #   | Article   |     | CITATIONS |
|-----|---|-----|-----------|
| 189 | Integration of Posttranscriptional Gene Networks into Metabolic Adaptation and Biofilm Maturation in Candida albicans. PLoS Genetics, 2015, 11, e1005590.                                 |     | 31        |
| 190 | Functional Divergence of Hsp90 Genetic Interactions in Biofilm and Planktonic Cellular States. PLoS<br>ONE, 2015, 10, e0137947.   | 1.1 | 13        |
| 191 | An expanded regulatory network temporally controls <scp><i>C</i></scp> <i>andida albicans</i> biofilm formation. Molecular Microbiology, 2015, 96, 1226-1239.                             | 1.2 | 140       |
| 192 | The impact of growth conditions on biofilm formation and the cell surface hydrophobicity in fluconazole susceptible and tolerant Candida albicans. Folia Microbiologica, 2015, 60, 45-51. | 1.1 | 14        |
| 193 | A role of <i>Candida albicans</i> CDC4 in the negative regulation of biofilm formation.<br>Canadian Journal of Microbiology, 2015, 61, 247-255.   | 0.8 | 6         |
| 194 | The actin-related protein Sac1 is required for morphogenesis and cell wall integrity in Candida albicans. Fungal Genetics and Biology, 2015, 81, 261-270.                                 | 0.9 | 21        |
| 195 | Combinatorial drug approaches to tackle <i>Candida albicans</i> biofilms. Expert Review of<br>Anti-Infective Therapy, 2015, 13, 973-984.  | 2.0 | 27        |
| 196 | Involvement of glycolysis/gluconeogenesis and signaling regulatory pathways in Saccharomyces cerevisiae biofilms during fermentation. Frontiers in Microbiology, 2015, 6, 139.            | 1.5 | 36        |
| 197 | Candida Survival Strategies. Advances in Applied Microbiology, 2015, 91, 139-235.   | 1.3 | 126       |
| 198 | <i>Candida albicans</i> Biofilms and Human Disease. Annual Review of Microbiology, 2015, 69, 71-92.   | 2.9 | 768       |
| 199 | Co-occurence of filamentation defects and impaired biofilms in <i>Candida albicans</i> protein kinase mutants. FEMS Yeast Research, 2015, 15, fov092.                                     | 1.1 | 14        |
| 200 | RNA Enrichment Method for Quantitative Transcriptional Analysis of Pathogens <i>In Vivo</i> Applied to the Fungus Candida albicans. MBio, 2015, 6, e00942-15.                             | 1.8 | 78        |
| 201 | Human Serum Potentiates the Expression of Genes Associated with Antifungal Drug Resistance in C.<br>albicans Biofilms on Central Venous Catheters. Mycopathologia, 2015, 179, 195-204.    | 1.3 | 7         |
| 202 | Antifungal Therapy. , 0, , .  |     | 3         |
| 203 | Novel Approaches for Fungal Transcriptomics from Host Samples. Frontiers in Microbiology, 2015, 6,<br>1571.   | 1.5 | 4         |
| 204 | Potential Antifungal Targets against a Candida Biofilm Based on an Enzyme in the Arachidonic Acid<br>Cascade—A Review. Frontiers in Microbiology, 2016, 7, 1925.                          | 1.5 | 17        |
| 205 | Transcriptional landscape of transâ€kingdom communication between <i><scp>C</scp>andida</i>   |     |           |
|     | albicans and <i><scp>S</scp>treptococcus gordonii</i> . Molecular Oral Microbiology, 2016, 31, 136-161.   | 1.3 | 43        |

|     |  | CITATION RI            | EPORT |           |
|-----|--|------------------------|-------|-----------|
| #   | Article  |                        | IF    | CITATIONS |
| 207 | The calcineruin inhibitor cyclosporine a synergistically enhances the susceptibility of Cana<br>albicans biofilms to fluconazole by multiple mechanisms. BMC Microbiology, 2016, 16, 1                     |                        | 1.3   | 36        |
| 208 | The synthesis, regulation, and functions of sterols in <i>Candida albicans</i> : Well-known lots to learn. Virulence, 2016, 7, 649-659.  | but still              | 1.8   | 92        |
| 209 | Inhibition of Candida albicans biofilm development by unencapsulated Enterococcus faec<br>Journal of Dental Sciences, 2016, 11, 323-330.   | alis cps2.             | 1.2   | 20        |
| 211 | Stimulation of superoxide production increases fungicidal action of miconazole against C albicans biofilms. Scientific Reports, 2016, 6, 27463.  | andida                 | 1.6   | 25        |
| 212 | Integrating Candida albicans metabolism with biofilm heterogeneity by transcriptome ma<br>Scientific Reports, 2016, 6, 35436.  | pping.                 | 1.6   | 39        |
| 213 | Updates on Therapeutic Strategies Against Candida (and Aspergillus) Biofilm Related Infe<br>Advances in Experimental Medicine and Biology, 2016, 931, 95-103.  | ctions.                | 0.8   | 5         |
| 214 | Plasticity of Candida albicans Biofilms. Microbiology and Molecular Biology Reviews, 2016  | 5, 80, 565-595.        | 2.9   | 63        |
| 215 | Control of Candida albicans morphology and pathogenicity by post-transcriptional mechanisms.<br>Cellular and Molecular Life Sciences, 2016, 73, 4265-4278.   |                        | 2.4   | 32        |
| 216 | Antifungal activity of plant-derived essential oils on <i>Candida tropicalis</i> planktonic and biofilms<br>cells. Medical Mycology, 2016, 54, 515-523.  |                        | 0.3   | 46        |
| 217 | Biofilm formation in <i>Candida glabrata</i> : What have we learnt from functional genomics approaches?. FEMS Yeast Research, 2016, 16, fov111.  |                        | 1.1   | 32        |
| 218 | Candida albicans Hom6 is a homoserine dehydrogenase involved in protein synthesis and adhesion. Journal of Microbiology, Immunology and Infection, 2017, 50, 863-871.                                      | cell                   | 1.5   | 7         |
| 219 | Identification of proteins involved in the adhesionof Candida species to different medical<br>Microbial Pathogenesis, 2017, 107, 293-303.  | devices.               | 1.3   | 21        |
| 220 | Adaptation of <i>Candida albicans</i> to Reactive Sulfur Species. Genetics, 2017, 206, 1   | 51-162.                | 1.2   | 5         |
| 221 | Yeast Biofilms in the Context of Human Health and Disease. , 2017, , 137-162.  |                        |       | 3         |
| 222 | <i>In Vitro</i> Antibiofilm Activity of Eucarobustol E against Candida albicans. Antimicrol<br>and Chemotherapy, 2017, 61, .   | pial Agents            | 1.4   | 51        |
| 223 | Fungal Biofilms: Inside Out. Microbiology Spectrum, 2017, 5, .   |                        | 1.2   | 25        |
| 224 | Central Role of the Trehalose Biosynthesis Pathway in the Pathogenesis of Human Fungal<br>Opportunities and Challenges for Therapeutic Development. Microbiology and Molecular<br>Reviews, 2017, 81, .     | Infections:<br>Biology | 2.9   | 93        |
| 226 | <i>Lactobacillus rhamnosus</i> inhibits <i>Candida albicans</i> virulence factors <i>inÂvitr<br/>modulates immune system in<i>Galleria mellonella</i>. Journal of Applied Microbiology, 2<br/>201-211.</i> |                        | 1.4   | 59        |

| #   | Article   | IF   | CITATIONS |
|-----|---|------|-----------|
| 227 | Fastâ€ŧrack development of a lactase production process with <i>Kluyveromyces lactis</i> by a progressive parameter ontrol workflow. Engineering in Life Sciences, 2017, 17, 1185-1194. | 2.0  | 11        |
| 228 | Candida Albicans Biofilm as a Clinical Challenge. , 2017, , 247-264.  |      | 1         |
| 229 | Fungal Biofilms: Inside Out. , 2017, , 873-886.   |      | 6         |
| 230 | Organic Nanocarriers for the Delivery of Antiinfective Agents. , 2017, , 369-393.   |      | 1         |
| 231 | Transcriptomics technologies. PLoS Computational Biology, 2017, 13, e1005457.   | 1.5  | 677       |
| 232 | Fungal Biofilms. , 2017, , 326-326.   |      | 0         |
| 233 | Options and Limitations in Clinical Investigation of Bacterial Biofilms. Clinical Microbiology Reviews, 2018, 31, .   | 5.7  | 150       |
| 234 | Effects of patchouli and cinnamon essential oils on biofilm and hyphae formation by Candida species.<br>Journal De Mycologie Medicale, 2018, 28, 332-339.                               | 0.7  | 36        |
| 235 | Development and regulation of single- and multi-species Candida albicans biofilms. Nature Reviews<br>Microbiology, 2018, 16, 19-31.   | 13.6 | 405       |
| 237 | Omics Approaches, Technologies And Applications. , 2018, , .  |      | 6         |
| 238 | THR1 mediates GCN4 and CDC4 to link morphogenesis with nutrient sensing and the stress response in Candida�albicans. International Journal of Molecular Medicine, 2018, 42, 3193-3208.  | 1.8  | 11        |
| 239 | Transcriptomic and Genomic Approaches for Unravelling Candida albicans Biofilm Formation and<br>Drug Resistance—An Update. Genes, 2018, 9, 540.   | 1.0  | 37        |
| 240 | The Significance of Lipids to Biofilm Formation in Candida albicans: An Emerging Perspective. Journal of Fungi (Basel, Switzerland), 2018, 4, 140.                                      | 1.5  | 45        |
| 241 | <i>Candida albicans</i> Dispersed Cells Are Developmentally Distinct from Biofilm and Planktonic<br>Cells. MBio, 2018, 9, .   | 1.8  | 69        |
| 242 | Cranberry-derived proanthocyanidins induce a differential transcriptomic response within Candida albicans urinary biofilms. PLoS ONE, 2018, 13, e0201969.                               | 1.1  | 3         |
| 243 | Serial Systemic Candida albicans Infection Highlighted by Proteomics. Frontiers in Cellular and Infection Microbiology, 2019, 9, 230.   | 1.8  | 6         |
| 244 | Screening of Candida albicans GRACE library revealed a unique pattern of biofilm formation under repression of the essential gene ILS1. Scientific Reports, 2019, 9, 9187.              | 1.6  | 6         |
| 245 | Bioactive Peptides Against Fungal Biofilms. Frontiers in Microbiology, 2019, 10, 2169.  | 1.5  | 50        |

| #   | Article   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 246 | Linking Cellular Morphogenesis with Antifungal Treatment and Susceptibility in Candida Pathogens.<br>Journal of Fungi (Basel, Switzerland), 2019, 5, 17.  | 1.5 | 45        |
| 247 | Chitosan Nanogel Design on Gymnema sylvestre Essential Oils to Inhibit Growth of Candida albicans<br>Biofilm and Investigation of Gene Expression ALS1, ALS3. Periodica Polytechnica: Chemical Engineering,<br>2019, 63, 569-581. | 0.5 | 3         |
| 248 | Antimicrobial activity of intracanal medications against both <i>Enterococcus faecalis</i> and <scp><i>Candida albicans</i></scp> biofilm. Microscopy Research and Technique, 2019, 82, 494-500.                                  | 1.2 | 27        |
| 249 | Deletion of <i>GLX3</i> in <i>Candida albicans</i> affects temperature tolerance, biofilm formation and virulence. FEMS Yeast Research, 2019, 19, .   | 1.1 | 9         |
| 250 | Efficient License Plate Recognition System with Smarter Interpretation Through IoT. Advances in Intelligent Systems and Computing, 2019, , 207-220.   | 0.5 | 7         |
| 251 | Transcriptional Circuits Regulating Developmental Processes in Candida albicans. Frontiers in<br>Cellular and Infection Microbiology, 2020, 10, 605711.   | 1.8 | 26        |
| 252 | The Transcription Factor Stp2 Is Important for Candida albicans Biofilm Establishment and Sustainability. Frontiers in Microbiology, 2020, 11, 794.   | 1.5 | 11        |
| 253 | Transcriptome Analyses of Candida albicans Biofilms, Exposed to Arachidonic Acid and Fluconazole,<br>Indicates Potential Drug Targets. G3: Genes, Genomes, Genetics, 2020, 10, 3099-3108.   | 0.8 | 11        |
| 254 | Effect of progesterone on Candida albicans biofilm formation under acidic conditions: A transcriptomic analysis. International Journal of Medical Microbiology, 2020, 310, 151414.  | 1.5 | 8         |
| 255 | Integrated proteomic and metabolomic analysis to study the effects of spaceflight on Candida albicans. BMC Genomics, 2020, 21, 57.  | 1.2 | 12        |
| 256 | Transcriptome Profile of Yeast Strain Used for Biological Wine Aging Revealed Dynamic Changes of<br>Gene Expression in Course of Flor Development. Frontiers in Microbiology, 2020, 11, 538.                                      | 1.5 | 11        |
| 257 | LC-MS analysis reveals biological and metabolic processes essential for Candida albicans biofilm growth. Microbial Pathogenesis, 2021, 152, 104614.   | 1.3 | 8         |
| 258 | Efg1 and Cas5 Orchestrate Cell Wall Damage Response to Caspofungin in Candida albicans.<br>Antimicrobial Agents and Chemotherapy, 2021, 65, .   | 1.4 | 10        |
| 259 | Modulation of the complex regulatory network for methionine biosynthesis in fungi. Genetics, 2021, 217, .   | 1.2 | 8         |
| 261 | The Lack of SNARE Protein Homolog Syn8 Influences Biofilm Formation of Candida glabrata. Frontiers<br>in Cell and Developmental Biology, 2021, 9, 607188.   | 1.8 | 1         |
| 262 | Evolution of the complex transcription network controlling biofilm formation in Candida species.<br>ELife, 2021, 10, .  | 2.8 | 25        |
| 263 | Kinome analyses of Candida albicans, C. parapsilosis and C. tropicalis enable novel kinases as<br>therapeutic drug targets in candidiasis. Gene, 2021, 780, 145530.   | 1.0 | 3         |
| 264 | Computational Drug Repurposing Resources and Approaches for Discovering Novel Antifungal Drugs<br>against Candida albicans N-Myristoyl Transferase. Journal of Pure and Applied Microbiology, 2021, 15,<br>556-579.               | 0.3 | 2         |

|     | C  | ITATION REPORT |           |
|-----|--|----------------|-----------|
| #   | Article  | IF             | CITATIONS |
| 265 | Metabolic flexibility and extensive adaptability governing multiple drug resistance and enhanced virulence in <i>Candida albicans</i> . Critical Reviews in Microbiology, 2022, 48, 1-20.  | 2.7            | 7         |
| 266 | Candida albicans and Candida glabrata triosephosphate isomerase – a moonlighting protein that ca<br>be exposed on the candidal cell surface and bind to human extracellular matrix proteins. BMC<br>Microbiology, 2021, 21, 199. | an<br>1.3      | 8         |
| 267 | Fungal Biofilms as a Valuable Target for the Discovery of Natural Products That Cope with the<br>Resistance of Medically Important Fungi—Latest Findings. Antibiotics, 2021, 10, 1053.   | 1.5            | 16        |
| 268 | 5-hydroxymethyl-2-furaldehyde impairs Candida albicans - Staphylococcus epidermidis interaction in co-culture by suppressing crucial supportive virulence traits. Microbial Pathogenesis, 2021, 158, 104990.                     | 1.3            | 6         |
| 269 | Fungal Cell Wall Proteins and Signaling Pathways Form a Cytoprotective Network to Combat<br>Stresses. Journal of Fungi (Basel, Switzerland), 2021, 7, 739.   | 1.5            | 24        |
| 270 | <i>Candida albicans</i> biofilms and polymicrobial interactions. Critical Reviews in Microbiology, 2021, 47, 91-111.   | 2.7            | 96        |
| 271 | Integration of Metabolism with Virulence in Candida albicans. , 2006, , 185-203.   |                | 2         |
| 272 | Candida Biofilm Analysis in the Artificial Throat Using FISH. Methods in Molecular Biology, 2009, 499<br>45-54.  | 0.4            | 5         |
| 273 | Candida albicans Cell Wall Mediated Virulence. , 2010, , 69-95.  |                | 2         |
| 274 | 14 Integration of Metabolism with Virulence in Candida albicans. , 2014, , 349-370.  |                | 4         |
| 275 | A simple and reproducible 96-well plate-based method for the formation of fungal biofilms and its application to antifungal susceptibility testing. Nature Protocols, 2008, 3, 1494-1500.  | 5.5            | 453       |
| 277 | Fungal Biofilms: Agents of Disease and Drug Resistance. , 0, , 177-185.  |                | 3         |
| 278 | Toward a Molecular Understanding of <i>Candida albicans</i> Virulence. , 0, , 305-P1.  |                | 10        |
| 279 | The Cell Wall: Glycoproteins, Remodeling, and Regulation. , 0, , 195-223.  |                | 5         |
| 280 | Adhesins in Opportunistic Fungal Pathogens. , 0, , 243-P2.   |                | 9         |
| 281 | Gene Expression during the Distinct Stages of Candidiasis. , 0, , 283-298.   |                | 1         |
| 282 | Candida-Bacteria Interactions: Their Impact on Human Disease. , 0, , 103-136.  |                | 3         |
| 283 | Human Serum Promotes Candida albicans Biofilm Growth and Virulence Gene Expression on Silicone Biomaterial. PLoS ONE, 2013, 8, e62902.   | 1.1            | 52        |

| #   | Article  | IF  | CITATIONS |
|-----|--|-----|-----------|
| 284 | Rbt1 Protein Domains Analysis in Candida albicans Brings Insights into Hyphal Surface Modifications and Rbt1 Potential Role during Adhesion and Biofilm Formation. PLoS ONE, 2013, 8, e82395.      | 1.1 | 26        |
| 285 | In Vitro Models to Study Candida albicans Biofilms. Journal of Pharmaceutics and Drug Development, 2015, 3, .  | 0.1 | 2         |
| 286 | ALS1 and ALS3 gene expression and biofilm formation in Candida albicans isolated from vulvovaginal candidiasis. Advanced Biomedical Research, 2016, 5, 105.  | 0.2 | 27        |
| 287 | A Mini Review of Candida Species in Hospital Infection: Epidemiology,Virulence Factor and Drugs<br>Resistance and Prophylaxis. Tropical Medicine & Surgery, 2013, 01, .                            | 0.1 | 4         |
| 288 | HIV aspartyl protease inhibitors as promising compounds against <i>Candida albicans</i> André Luis<br>Souza dos Santos. World Journal of Biological Chemistry, 2010, 1, 21.                        | 1.7 | 30        |
| 289 | Candida Albicans: New Insights in Infection, Disease, and Treatment. , 2007, , 99-129.   |     | 0         |
| 290 | Fungal Biofilms and Catheter-Associated Infections. , 2009, , 149-162.   |     | 0         |
| 292 | Candida albicans Biofilms, Heterogeneity and Antifungal Drug Tolerance. The Open Mycology Journal, 2011, 5, 21-28.   | 0.8 | 1         |
| 294 | Biofilm Formation in Candida albicans. , 0, , 299-315.   |     | 0         |
| 295 | Postgenomic Strategies for Genetic Analysis: Insight from Saccharomyces cerevisiae and Candida albicans. , 0, , 35-P1.   |     | 0         |
| 296 | Comparative Genomics of Candida Species. , 0, , 27-43.   |     | 0         |
| 297 | <i>Candida</i> Biofilms., 2017, 103-128.   |     | 0         |
| 302 | Regulatory network controls microbial biofilm development, with <i>Candida albicans</i> as a representative: from adhesion to dispersal. Bioengineered, 2022, 13, 253-267.                         | 1.4 | 9         |
| 305 | Genomic Analysis of Cellular Morphology in Candida albicans. , 2006, , 147-159.  |     | 1         |
| 306 | Postgenomic Approaches to Analyse Candida albicans Pathogenicity. , 2006, , 163-184.   |     | 0         |
| 307 | The disinfecting efficacy of root canals with laser photodynamic therapy. Journal of Lasers in Medical Sciences, 2014, 5, 19-26.   | 0.4 | 31        |
| 308 | Intravenous Catheter-Associated Candidemia due to Candida membranaefaciens: The First Iranian Case.<br>The Journal of Tehran Heart Center, 2015, 10, 101-5.  | 0.3 | 2         |
| 309 | Inhibitory effect of 405-nm blue LED light on the growth of Candida albicans and Streptococcus mutans dual-species biofilms on denture base resin. Lasers in Medical Science, 2022, 37, 2311-2319. | 1.0 | 3         |

|     | CITATION   | REPORT |           |
|-----|--|--------|-----------|
| #   | Article  | IF     | Citations |
| 310 | Role of Cellular Metabolism during Candida-Host Interactions. Pathogens, 2022, 11, 184.  | 1.2    | 14        |
| 311 | Design and Matlab Simulation of Persian License Plate Recognition Using Neural Network and Image<br>Filtering for Intelligent Transportation Systems. ASP Transactions on Pattern Recognition and<br>Intelligent Systems, 2022, 2, 1-14. | 2.0    | 9         |
| 312 | Filament Negative Regulator CDC4 Suppresses Glycogen Phosphorylase Encoded GPH1 That Impacts the<br>Cell Wall-Associated Features in Candida albicans. Journal of Fungi (Basel, Switzerland), 2022, 8, 233.                              | 1.5    | 0         |
| 313 | EFG1, Everyone's Favorite Gene in Candida albicans: A Comprehensive Literature Review. Frontiers in<br>Cellular and Infection Microbiology, 2022, 12, 855229.  | 1.8    | 22        |
| 322 | Drug repurposing against <i>Candida auris</i> : A systematic review. Mycoses, 2022, 65, 784-793.   | 1.8    | 10        |
| 323 | Investigations of ALS1 and HWP1 genes in clinical isolates of Candida albicans. Turkish Journal of Medical Sciences, 0, , .  | 0.4    | 6         |
| 324 | Fungal resilience and host–pathogen interactions: Future perspectives and opportunities. Parasite<br>Immunology, 2023, 45, .   | 0.7    | 6         |
| 325 | A common vesicle proteome drives fungal biofilm development. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .   | 3.3    | 14        |
| 326 | The NPR/Hal family of protein kinases in yeasts: biological role, phylogeny and regulation under environmental challenges. Computational and Structural Biotechnology Journal, 2022, 20, 5698-5712.                                      | 1.9    | 0         |
| 327 | Impaired amino acid uptake leads to global metabolic imbalance of Candida albicans biofilms. Npj<br>Biofilms and Microbiomes, 2022, 8, .   | 2.9    | 6         |
| 329 | Cross-kingdom interaction between Candida albicans and oral bacteria. Frontiers in Microbiology, 0, 13, .  | 1.5    | 15        |
| 330 | High throughput bioanalytical techniques for elucidation of Candida albicans biofilm architecture<br>and metabolome. Rendiconti Lincei, 2023, 34, 117-129.   | 1.0    | 1         |
| 331 | Transcript profiling reveals the role of PDB1, a subunit of the pyruvate dehydrogenase complex, in<br>Candida albicans biofilm formation. Research in Microbiology, 2023, 174, 104014.   | 1.0    | 2         |
| 332 | The Pga59 cell wall protein is an amyloid forming protein involved in adhesion and biofilm<br>establishment in the pathogenic yeast Candida albicans. Npj Biofilms and Microbiomes, 2023, 9, .   | 2.9    | 6         |
| 333 | License Plate Recognition via Attention Mechanism. Computers, Materials and Continua, 2023, 75, 1801-1814.   | 1.5    | 1         |
| 334 | Multiplexed target enrichment of coding and non-coding transcriptomes enables studying Candida spp. infections from human derived samples. Frontiers in Cellular and Infection Microbiology, 0, 13, .                                    | 1.8    | 1         |
| 335 | An integrated transcriptomic and metabolomic approach to investigate the heterogeneous Candida albicans biofilm phenotype. Biofilm, 2023, 5, 100112.   | 1.5    | 1         |
| 336 | Dermatophytic Biofilms: Characteristics, Significance and Treatment Approaches. Journal of Fungi<br>(Basel, Switzerland), 2023, 9, 228.  | 1.5    | 1         |

| #   | Article   | IF  | CITATIONS |
|-----|---|-----|-----------|
| 337 | Candida auris biofilm: a review on model to mechanism conservation. Expert Review of Anti-Infective Therapy, 2023, 21, 295-308.   | 2.0 | 3         |
| 338 | Candida parapsilosis Cell Wall Proteome Characterization and Effectiveness against Hematogenously<br>Disseminated Candidiasis in a Murine Model. Vaccines, 2023, 11, 674.   | 2.1 | 1         |
| 339 | Relationships between Secreted Aspartyl Proteinase 2 and General Control Nonderepressible 4 gene in<br>the Candida albicans resistant to itraconazole under planktonic and biofilm conditions. Brazilian<br>Journal of Microbiology, 2023, 54, 619-627. | 0.8 | 0         |
| 340 | Studying gene expression in biofilms. Methods in Microbiology, 2023, , .  | 0.4 | Ο         |