Eulogio Valentin

List of Publications by Year
in descending order

59 papers	1,607 citations	361296 20 h-index	315616 38 g-index
59 all docs	59 docs citations	59 times ranked	1707 citing authors

#	Article	IF	Citations
1	Molecular organization of the cell wall ofCandida albicansand its relation to pathogenicity. FEMS Yeast Research, 2006, 6, 14-29.	1.1	286
2	Antifungal properties of Salvadora persica and Juglans regia L. extracts against oral Candida strains. European Journal of Clinical Microbiology and Infectious Diseases, 2010, 29, 81-88.	1.3	103
3	A study of the <i>Candida albicans</i> cell wall proteome. Proteomics, 2008, 8, 3871-3881.	1.3	88
4	CandidaDB: a genome database for Candida albicans pathogenomics. Nucleic Acids Research, 2004, 33, D353-D357.	6.5	79
5	Structure of the Saccharomyces cerevisiae cell wallMannoproteins released by zymolyase and their contribution to wall architecture. Biochimica Et Biophysica Acta - General Subjects, 1984, 802, 292-300.	1.1	76
6	Role of Pir1 in the construction of the Candida albicans cell wall. Microbiology (United Kingdom), 2004, 150, 3151-3161.	0.7	57
7	Specific stress-induced storage of trehalose, glycerol and d-arabitol in response to oxidative and osmotic stress in Candida albicans. Biochemical and Biophysical Research Communications, 2013, 430, 1334-1339.	1.0	57
8	Functional analysis of the cysteine residues and the repetitive sequence ofSaccharomyces cerevisiaePir4/Cis3: the repetitive sequence is needed for binding to the cell wall Î²-1,3-glucan. Yeast, 2003, 20, 973-983.	0.8	55
9	Disruption of the Candida albicans ATC1 gene encoding a cell-linked acid trehalase decreases hypha formation and infectivity without affecting resistance to oxidative stress. Microbiology (United) Tj ETQq1 1 0.78431 rgBT /Overlock 10	1.4	51
10	Cell wall mannoproteins during the population growth phases in Saccharomyces cerevisiae. Archives of Microbiology, 1987, 148, 88-94.	1.0	45
11	Pga13 in Candida albicans is localized in the cell wall and influences cell surface properties, morphogenesis and virulence. Fungal Genetics and Biology, 2012, 49, 322-331.	0.9	41
12	The ATC1 Gene Encodes a Cell Wall-linked Acid Trehalase Required for Growth on Trehalose in Candida albicans. Journal of Biological Chemistry, 2004, 279, 40852-40860.	1.6	40
13	Genomic response programs of Candida albicans following protoplasting and regeneration. Fungal Genetics and Biology, 2006, 43, 124-134.	0.9	38
14	Critical steps in fungal cell wall synthesis: Strategies for their inhibition. , 1993, 60, 337-345.		34
15	Molecular identification of Candida auris by PCR amplification of species-specific GPI protein-encoding genes. International Journal of Medical Microbiology, 2018, 308, 812-818.	1.5	34
16	In Candida parapsilosis the ATC1 Gene Encodes for an Acid Trehalase Involved in Trehalose Hydrolysis, Stress Resistance and Virulence. PLoS ONE, 2014, 9, e99113.	1.1	30
17	A novel cell wall protein specific to the mycelial form of Yarrowia lipolytica. Yeast, 1996, 12, 1535-1548.	0.8	29
18	Adhesive Properties and Hydrolytic Enzymes of Oral Candida albicans Strains. Mycopathologia, 2010, 169, 269-278.	1.3	28

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19	Analysis of validamycin as a potential antifungal compound against Candida albicans. International Microbiology, 2013, 16, 217-25.	1.1	28
20	Solubilization and Analysis of Mannoprotein Molecules from the Cell Wall of Saccharomyces cerevisiae. Microbiology (United Kingdom), 1984, 130, 1419-1428.	0.7	22
21	Incorporation of mannoproteins into the walls of aculeacin A-treated yeast cells. Archives of Microbiology, 1986, 146, 214-220.	1.0	21
22	Glycoprotein molecules in the walls of Schizosaccharomyces pombe wild-type cells and a morphologically altered mutant resistant to papulacandin B. Journal of General Microbiology, 1990, 136, 2251-2259.	2.3	20
23	Characterization of aCandida albicansgene encoding a putative transcriptional factor required for cell wall integrity. FEMS Microbiology Letters, 2003, 226, 159-167.	0.7	20
24	Molecular typing of Candida albicans isolates from patients and health care workers in a neonatal intensive care unit. Journal of Applied Microbiology, 2011, 111, 1235-1249.	1.4	20
25	In SilicoAnalysis for Transcription Factors WithZn(II)2C6Binuclear Cluster DNA-Binding Domains inCandida albicans. Comparative and Functional Genomics, 2005, 6, 345-356.	2.0	19
26	Pga26 mediates filamentation and biofilm formation and is required for virulence in Candida albicans. FEMS Yeast Research, 2011, 11, 389-397.	1.1	19
27	Identification and study of a Candida albicans protein homologous to Saccharomyces cerevisiae Ssr1p, an internal cell-wall protein. Microbiology (United Kingdom), 2003, 149, 2137-2145.	0.7	18
28	Comparative genomics of yeast species: new insights into their biology. International Microbiology, 2003, 6, 183-190.	1.1	15
29	Oligonucleotide-capped nanoporous anodic alumina biosensor as diagnostic tool for rapid and accurate detection of <i>Candida auris</i> in clinical samples. Emerging Microbes and Infections, 2021, 10, 407-415.	3.0	15
30	Yarrowia lipolytica cell wall architecture: interaction of Ywp1, a mycelial protein, with other wall components and the effect of its depletion. Research in Microbiology, 1999, 150, 95-103.	1.0	14
31	Molecular typing of clinicalCandidastrains using random amplified polymorphic DNA and contour-clamped homogenous electric fields electrophoresis. Journal of Applied Microbiology, 2009, 107, 1991-2000.	1.4	14
32	Anchorage of Candida albicans Ssr1 to the cell wall, and transcript profiling of the null mutant. Research in Microbiology, 2005, 156, 911-920.	1.0	13
33	Dosageâ€dependent roles of the Cwt1 transcription factor for cell wall architecture, morphogenesis, drug sensitivity and virulence in C<i>andida albicans</i>. Yeast, 2010, 27, 77-87.	0.8	13
34	On the biochemical classification of yeast trehalases: Candida albicans contains two enzymes with mixed features of neutral and acid trehalase activities. Biochemical and Biophysical Research Communications, 2009, 383, 98-102.	1.0	13
35	Identification of<i>Candida albicans</i>wall mannoproteins covalently linked by disulphide and/or alkali-sensitive bridges. Yeast, 2014, 31, 137-144.	0.8	13
36	A Candida albicans 37 kDa polypeptide with homology to the laminin receptor is a component of the translational machinery. Microbiology (United Kingdom), 1998, 144, 839-847.	0.7	12

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37	Null mutants ofCandida albicansfor cell-wall-related genes form fragile biofilms that display an almost identical extracellular matrix proteome. FEMS Yeast Research, 2016, 16, fow075.	1.1	11
38	Identification of <i>Candida auris</i> and related species by multiplex PCR based on unique GPI proteinâ€encoding genes. Mycoses, 2021, 64, 194-202.	1.8	11
39	Effect of ÃŽÂ±-factor on individual wall mannoproteins fromSaccharomyces cerevisiae acells. FEMS Microbiology Letters, 1985, 27, 293-297.	0.7	9
40	Transport of the yeast ATP synthase Î²-subunit into mitochondria. Effects of amino acid substitutions on targeting. Biochemical Journal, 1990, 266, 227-234.	1.7	9
41	Cell wall composition and structure of Yarrowia lipolytica transposon mutants affected in calcofluor sensitivity. Antonie Van Leeuwenhoek, 2003, 84, 229-238.	0.7	9
42	Homozygous deletion of ATC1 and NTC1 genes in Candida parapsilosis abolishes trehalase activity and affects cell growth, sugar metabolism, stress resistance, infectivity and biofilm formation. Fungal Genetics and Biology, 2015, 85, 45-57.	0.9	9
43	Candida spp. Determination and Th1/Th2 Mixed Cytokine Profile in Oral Samples From HIV+ Patients With Chronic Periodontitis. Frontiers in Immunology, 2019, 10, 1465.	2.2	9
44	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
45	Expression ofYWP1,a Gene That Encodes a SpecificYarrowia lipolyticaMycelial Cell Wall Protein, inSaccharomyces cerevisiae. Fungal Genetics and Biology, 1997, 22, 77-83.	0.9	6
46	Global transcriptional profiling ofCandida albicans cwt1 null mutant. Yeast, 2007, 24, 357-370.	0.8	6
47	Genomic response programs of Saccharomyces cerevisiae following protoplasting and regeneration. Fungal Genetics and Biology, 2008, 45, 253-265.	0.9	6
48	Construction of an Expression Vector for Production and Purification of Human Somatostatin in Escherichia coli. Molecular Biotechnology, 2013, 55, 150-158.	1.3	5
49	Identification of Candida albicans by polymerase chain reaction amplification of CaYST1 gene intron fragment. Revista Iberoamericana De Micologia, 2002, 19, 80-3.	0.4	5
50	Phenotype traits associated with different alleles at the RPS5 locus in Saccharomyces cerevisiae. Current Genetics, 1992, 21, 291-293.	0.8	4
51	Phenotypic characterization and adhesive properties of vaginal Candida spp. strains provided by the CHU Farhat Hached (Sousse, Tunisia). Revista Iberoamericana De Micologia, 2015, 32, 170-179.	0.4	4
52	Molecular cloning of theRPS0 gene fromCandida tropicalis. Yeast, 2001, 18, 971-980.	0.8	3
53	The<i>GCA1</i>gene encodes a glycosidase-like protein in the cell wall of<i>Candida albicans</i>. FEMS Yeast Research, 2016, 16, fow032.	1.1	3
54	5 The Ascomycetous Cell Wall: From a Proteomic Perspective. , 2016, , 81-101.		3

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55	Time-kill assays of amphotericin B plus anidulafungin against Candida tropicalis biofilms formed on two different biomaterials. International Journal of Artificial Organs, 2018, 41, 23-27.	0.7	3
56	A mutant precursor protein is poorly targeted to mitochondria and interferes in vivo with the import of other mitochondrial polypeptides inSaccharomyces cerevisiae. Current Microbiology, 1991, 23, 75-79.	1.0	1
57	Cloning and characterization of the phenylalanyl-tRNA synthetase ÃŽÂ² subunit gene fromCandida albicans. FEMS Microbiology Letters, 1998, 161, 179-185.	0.7	1
58	Cloning and characterization of the phenylalanyl-tRNA synthetase Î² subunit gene from Candida albicans. FEMS Microbiology Letters, 1998, 161, 179-185.	0.7	1
59	Analysis of the 3H8 antigen of Candida albicans reveals new aspects of the organization of fungal cell wall proteins. FEMS Yeast Research, 2018, 18, .	1.1	0