

# Carlos R VÃ¡zquez De Aldana

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4556321/publications.pdf>

Version: 2024-02-01

50  
papers

3,193  
citations

257450

24  
h-index

206112

48  
g-index

52  
all docs

52  
docs citations

52  
times ranked

3576  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic sequence of the pathogenic and allergenic filamentous fungus <i>Aspergillus fumigatus</i> . <i>Nature</i> , 2005, 438, 1151-1156.	27.8	1,272
2	Evidence that GCN1 and GCN20, Translational Regulators of <i>GCN4</i> , Function on Elongating Ribosomes in Activation of eIF2 $\gamma$ Kinase GCN2. <i>Molecular and Cellular Biology</i> , 1997, 17, 4474-4489.	2.3	196
3	The endo- $\beta$ -1,3-glucanase <i>eng1p</i> is required for dissolution of the primary septum during cell separation in <i>Schizosaccharomyces pombe</i> . <i>Journal of Cell Science</i> , 2003, 116, 1689-1698.	2.0	163
4	A Genomic Approach for the Identification and Classification of Genes Involved in Cell Wall Formation and Its Regulation in <i>Saccharomyces cerevisiae</i> . <i>Comparative and Functional Genomics</i> , 2001, 2, 124-142.	2.0	138
5	<i>Eng1p</i> , an Endo- $\beta$ -1,3-Glucanase Localized at the Daughter Side of the Septum, Is Involved in Cell Separation in <i>Saccharomyces cerevisiae</i> . <i>Eukaryotic Cell</i> , 2002, 1, 774-786.	3.4	137
6	Nucleotide sequence of the exo- $\beta$ -1,3-glucanase-encoding gene, <i>EXG1</i> , of the yeast <i>Saccharomyces cerevisiae</i> . <i>Gene</i> , 1991, 97, 173-182.	2.2	87
7	Role of Septins and the Exocyst Complex in the Function of Hydrolytic Enzymes Responsible for Fission Yeast Cell Separation. <i>Molecular Biology of the Cell</i> , 2005, 16, 4867-4881.	2.1	84
8	<i>Ace2p</i> Controls the Expression of Genes Required for Cell Separation in <i>Schizosaccharomyces pombe</i> . <i>Molecular Biology of the Cell</i> , 2005, 16, 2003-2017.	2.1	78
9	<i>Sep7</i> Is Essential to Modify Septin Ring Dynamics and Inhibit Cell Separation during <i>Candida albicans</i> Hyphal Growth. <i>Molecular Biology of the Cell</i> , 2008, 19, 1509-1518.	2.1	74
10	<i>GCD10</i> , a translational repressor of <i>GCN4</i> , is the RNA-binding subunit of eukaryotic translation initiation factor-3. <i>Genes and Development</i> , 1995, 9, 1781-1796.	5.9	70
11	The <i>Cdc14p</i> phosphatase affects late cell-cycle events and morphogenesis in <i>Candida albicans</i> . <i>Journal of Cell Science</i> , 2006, 119, 1130-1143.	2.0	57
12	<i>SSG1</i> , a gene encoding a sporulation-specific $\beta$ -1,3-glucanase in <i>Saccharomyces cerevisiae</i> . <i>Journal of Bacteriology</i> , 1993, 175, 3823-3837.	2.2	50
13	Characterization of the <i>CaENG1</i> Gene Encoding an Endo- $\beta$ -1,3-Glucanase Involved in Cell Separation in <i>Candida albicans</i> . <i>Current Microbiology</i> , 2005, 51, 385-392.	2.2	50
14	Characterization of the endo- $\beta$ -1,3-glucanase activity of <i>S. cerevisiae Eng2</i> and other members of the GH81 family. <i>Fungal Genetics and Biology</i> , 2008, 45, 542-553.	2.1	46
15	CDK-dependent phosphorylation of <i>Mob2</i> is essential for hyphal development in <i>Candida albicans</i> . <i>Molecular Biology of the Cell</i> , 2011, 22, 2458-2469.	2.1	43
16	The $\beta$ -1,3-glucanase <i>gas4p</i> is essential for ascospore wall maturation and spore viability in <i>Schizosaccharomyces pombe</i> . <i>Molecular Microbiology</i> , 2008, 68, 1283-1299.	2.5	41
17	<i>Rho4</i> GTPase Is Involved in Secretion of Glucanases during Fission Yeast Cytokinesis. <i>Eukaryotic Cell</i> , 2005, 4, 1639-1645.	3.4	40
18	Synthesis and secretion of a <i>Bacillus circulans</i> WL-12 $\beta$ -1,3,4-D-glucanase in <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 1990, 172, 2160-2167.	2.2	38

#	ARTICLE	IF	CITATIONS
19	The NDR/LATS Kinase Cbk1 Controls the Activity of the Transcriptional Regulator Bcr1 during Biofilm Formation in <i>Candida albicans</i> . <i>PLoS Pathogens</i> , 2012, 8, e1002683.	4.7	36
20	Nucleotide sequence of a 1,3- $\beta$ -D-glucanase-encoding gene in <i>Bacillus circulans</i> WL-12. <i>Nucleic Acids Research</i> , 1990, 18, 4248-4248.	14.5	34
21	The <i>Schizosaccharomyces pombe</i> endo- $\beta$ -1,3- $\beta$ -D-glucanase Eng1 contains a novel carbohydrate binding module required for septum localization. <i>Molecular Microbiology</i> , 2008, 69, 188-200.	2.5	34
22	$\beta$ (1,3)-Glucanase Activity Is Essential for Cell Wall Integrity and Viability of <i>Schizosaccharomyces pombe</i> . <i>PLoS ONE</i> , 2010, 5, e14046.	2.5	32
23	Septins localize to microtubules during nutritional limitation in <i>Saccharomyces cerevisiae</i> . <i>BMC Cell Biology</i> , 2008, 9, 55.	3.0	27
24	$\beta$ -Glucanase Eng2 Is Required for Ascus Wall Endolysis after Sporulation in the Fission Yeast <i>Schizosaccharomyces pombe</i> . <i>Eukaryotic Cell</i> , 2009, 8, 1278-1286.	3.4	27
25	Expression, stability, and replacement of glucan-remodeling enzymes during developmental transitions in <i>Saccharomyces cerevisiae</i> . <i>Molecular Biology of the Cell</i> , 2011, 22, 1585-1598.	2.1	26
26	Heterogeneous glycosylation of the EXG1 gene product accounts for the two extracellular exo- $\beta$ -glucanases of <i>Saccharomyces cerevisiae</i> . <i>FEBS Letters</i> , 1987, 220, 27-30.	2.8	24
27	Cdc15 Is Required for Spore Morphogenesis Independently of Cdc14 in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2007, 177, 281-293.	2.9	22
28	Genetic mapping of 1,3- $\beta$ -glucanase-encoding genes in <i>Saccharomyces cerevisiae</i> . <i>Current Genetics</i> , 1992, 22, 283-288.	1.7	21
29	Cloning and characterization of 1,3- $\beta$ -glucanase-encoding genes from non-conventional yeasts. <i>Yeast</i> , 1999, 15, 91-109.	1.7	21
30	Swm1p subunit of the APC/cyclosome is required for activation of the daughter-specific gene expression program mediated by Ace2p during growth at high temperature in <i>Saccharomyces cerevisiae</i> . <i>Journal of Cell Science</i> , 2004, 117, 545-557.	2.0	21
31	Dbf2 is essential for cytokinesis and correct mitotic spindle formation in <i>Candida albicans</i> . <i>Molecular Microbiology</i> , 2009, 72, 1364-1378.	2.5	21
32	Characterization of Glycoside Hydrolase Family 5 Proteins in <i>Schizosaccharomyces pombe</i> . <i>Eukaryotic Cell</i> , 2010, 9, 1650-1660.	3.4	20
33	Cloning and characterization of the EXG1 gene from the yeast <i>Yarrowia lipolytica</i> . <i>Yeast</i> , 1999, 15, 1631-1644.	1.7	17
34	A Single Nucleotide Polymorphism Uncovers a Novel Function for the Transcription Factor Ace2 during <i>Candida albicans</i> Hyphal Development. <i>PLoS Genetics</i> , 2015, 11, e1005152.	3.5	16
35	Signalling through the yeast MAPK Cell Wall Integrity pathway controls P-body assembly upon cell wall stress. <i>Scientific Reports</i> , 2019, 9, 3186.	3.3	16
36	Glucanases and Chitinases. <i>Current Topics in Microbiology and Immunology</i> , 2019, 425, 131-166.	1.1	15

#	ARTICLE	IF	CITATIONS
37	Reduced efficiency in the glycosylation of the first sequon of <i>Saccharomyces cerevisiae</i> exoglucanase leads to the synthesis and secretion of a new glycoform of the molecule. <i>Yeast</i> , 1993, 9, 221-234.	1.7	14
38	Disruption and basic phenotypic analysis of six novel genes from the left arm of chromosome XIV of <i>Saccharomyces cerevisiae</i> . <i>Yeast</i> , 1999, 15, 63-72.	1.7	10
39	Characterization of a <i>Saccharomyces cerevisiae</i> thermosensitive lytic mutant leads to the identification of a new allele of the NUD1 gene. <i>International Journal of Biochemistry and Cell Biology</i> , 2004, 36, 2196-2213.	2.8	10
40	Conserved regulators of the cell separation process in <i>Schizosaccharomyces</i> . <i>Fungal Genetics and Biology</i> , 2012, 49, 235-249.	2.1	9
41	Regulation of Ace2-dependent genes requires components of the PBF complex in <i>Schizosaccharomyces pombe</i> . <i>Cell Cycle</i> , 2015, 14, 3124-3137.	2.6	9
42	A new toolkit for gene tagging in <i>Candida albicans</i> containing recyclable markers. <i>PLoS ONE</i> , 2019, 14, e0219715.	2.5	9
43	Disruption of six unknown open reading frames from <i>Saccharomyces cerevisiae</i> reveals two genes involved in vacuolar morphogenesis and one gene required for sporulation. , 1999, 15, 155-164.		8
44	Eng2 Is a Component of a Dynamic Protein Complex Required for Endocytic Uptake in Fission Yeast. <i>Traffic</i> , 2014, 15, 1122-1142.	2.7	7
45	The anillin-related Int1 protein and the Sep7 septin collaborate to maintain cellular ploidy in <i>Candida albicans</i> . <i>Scientific Reports</i> , 2018, 8, 2257.	3.3	5
46	Generation of null alleles for the functional analysis of six genes from the right arm of <i>Saccharomyces cerevisiae</i> chromosome II. , 1999, 15, 615-623.		4
47	Swm1p, a subunit of the APC/cyclosome, is required to maintain cell wall integrity during growth at high temperature in <i>Saccharomyces cerevisiae</i> . <i>FEMS Microbiology Letters</i> , 2004, 234, 371-378.	1.8	4
48	Fungal septins: one ring to rule it all?. <i>Open Life Sciences</i> , 2009, 4, 274-289.	1.4	3
49	Eng2, a new player involved in feedback loop regulation of Cdc42 activity in fission yeast. <i>Scientific Reports</i> , 2021, 11, 17872.	3.3	1
50	Integrating Cdk Signaling in <i>Candida albicans</i> Environmental Sensing Networks. <i>Topics in Current Genetics</i> , 2012, , 81-96.	0.7	0