

M-Henar Valdivieso

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papers

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33
ext. papers

1,729
ext. citations

5.4
avg, IF

3.76
L-index

#	Paper	IF	Citations
33	The function of chitin synthases 2 and 3 in the <i>Saccharomyces cerevisiae</i> cell cycle. <i>Journal of Cell Biology</i> , 1991 , 114, 111-23	7.3	386
32	Rapid degradation of the G1 cyclin Cln2 induced by CDK-dependent phosphorylation. <i>Science</i> , 1996 , 271, 1597-601	33.3	210
31	CAL1, a gene required for activity of chitin synthase 3 in <i>Saccharomyces cerevisiae</i> . <i>Journal of Cell Biology</i> , 1991 , 114, 101-9	7.3	158
30	Isolation and characterization of <i>Saccharomyces cerevisiae</i> mutants resistant to Calcofluor white. <i>Journal of Bacteriology</i> , 1988 , 170, 1950-4	3.5	126
29	CHS5, a gene involved in chitin synthesis and mating in <i>Saccharomyces cerevisiae</i> . <i>Molecular and Cellular Biology</i> , 1997 , 17, 2485-96	4.8	81
28	Schizosaccharomyces pombe protein kinase C homologues, pck1p and pck2p, are targets of rho1p and rho2p and differentially regulate cell integrity. <i>Journal of Cell Science</i> , 1999 , 112, 3569-3578	5.3	81
27	Chitin synthesis in a gas1 mutant of <i>Saccharomyces cerevisiae</i> . <i>Journal of Bacteriology</i> , 2000 , 182, 4752-7, 5	3.5	77
26	Characterization of the chitin biosynthesis process as a compensatory mechanism in the fks1 mutant of <i>Saccharomyces cerevisiae</i> . <i>FEBS Letters</i> , 2000 , 478, 84-8	3.8	69
25	Papulacandin B resistance in budding and fission yeasts: isolation and characterization of a gene involved in (1,3)beta-D-glucan synthesis in <i>Saccharomyces cerevisiae</i> . <i>Journal of Bacteriology</i> , 1995 , 177, 5732-9	3.5	68
24	Effect of calcofluor white on chitin synthases from <i>Saccharomyces cerevisiae</i> . <i>Journal of Bacteriology</i> , 1988 , 170, 1945-9	3.5	65
23	Proper ascospore maturation requires the chs1+ chitin synthase gene in <i>Schizosaccharomyces pombe</i> . <i>Molecular Microbiology</i> , 2000 , 35, 79-89	4.1	63
22	Maintenance of cell integrity in the gas1 mutant of <i>Saccharomyces cerevisiae</i> requires the Chs3p-targeting and activation pathway and involves an unusual Chs3p localization. <i>Yeast</i> , 2002 , 19, 1113-24	3.4	42
21	Membrane organization and cell fusion during mating in fission yeast requires multipass membrane protein Prm1. <i>Genetics</i> , 2014 , 196, 1059-76	4	18
20	In <i>Schizosaccharomyces pombe</i> chs2p has no chitin synthase activity but is related to septum formation. <i>FEBS Letters</i> , 2003 , 549, 176-80	3.8	17
19	Regulation of cell wall synthesis by the clathrin light chain is essential for viability in <i>Schizosaccharomyces pombe</i> . <i>PLoS ONE</i> , 2013 , 8, e71510	3.7	15
18	The fission yeast Chs2 protein interacts with the type-II myosin Myo3p and is required for the integrity of the actomyosin ring. <i>Journal of Cell Science</i> , 2006 , 119, 2768-79	5.3	15
17	The fission yeast Map4 protein is a novel adhesin required for mating. <i>FEBS Letters</i> , 2006 , 580, 4457-62	3.8	15

16	The Schizosaccharomyces pombe Map4 adhesin is a glycoprotein that can be extracted from the cell wall with alkali but not with beta-glucanases and requires the C-terminal DIPSY domain for function. <i>Molecular Microbiology</i> , 2008 , 69, 1476-90	4.1	13
15	Traffic Through the Trans-Golgi Network and the Endosomal System Requires Collaboration Between Exomer and Clathrin Adaptors in Fission Yeast. <i>Genetics</i> , 2017 , 205, 673-690	4	11
14	The tetraspan protein Dni1p is required for correct membrane organization and cell wall remodelling during mating in Schizosaccharomyces pombe. <i>Molecular Microbiology</i> , 2009 , 73, 695-709	4.1	11
13	The Schizosaccharomyces pombe cfr1+ gene participates in mating through a new pathway that is independent of fus1+. <i>Yeast</i> , 2006 , 23, 375-88	3.4	11
12	The AP-2 complex is required for proper temporal and spatial dynamics of endocytic patches in fission yeast. <i>Molecular Microbiology</i> , 2016 , 100, 409-24	4.1	9
11	The FN3 and BRCT motifs in the exomer component Chs5p define a conserved module that is necessary and sufficient for its function. <i>Cellular and Molecular Life Sciences</i> , 2011 , 68, 2907-17	10.3	9
10	9 Chitin Synthesis and Fungal Cell Morphogenesis 2016 , 167-190		8
9	The fission yeast SEL1 domain protein Cfh3p: a novel regulator of the glucan synthase Bgs1p whose function is more relevant under stress conditions. <i>Journal of Biological Chemistry</i> , 2009 , 284, 11070-9	5.4	7
8	Different steps of sexual development are differentially regulated by the Sec8p and Exo70p exocyst subunits. <i>FEMS Microbiology Letters</i> , 2010 , 305, 71-80	2.9	6
7	The long life of an endocytic patch that misses AP-2. <i>Current Genetics</i> , 2016 , 62, 765-770	2.9	5
6	Generation of null alleles for the functional analysis of six genes from the right arm of Saccharomyces cerevisiae chromosome II. <i>Yeast</i> , 1999 , 15, 615-23	3.4	4
5	Ent3 and GGA adaptors facilitate diverse anterograde and retrograde trafficking events to and from the prevacuolar endosome. <i>Scientific Reports</i> , 2019 , 9, 10747	4.9	3
4	The integrity of the cytokinesis machinery under stress conditions requires the glucan synthase Bgs1p and its regulator Cfh3p. <i>PLoS ONE</i> , 2012 , 7, e42726	3.7	3
3	The ancient claudin Dni2 facilitates yeast cell fusion by compartmentalizing Dni1 into a membrane subdomain. <i>Cellular and Molecular Life Sciences</i> , 2018 , 75, 1687-1706	10.3	2
2	Analysis of the SNARE Stx8 recycling reveals that the retromer-sorting motif has undergone evolutionary divergence. <i>PLoS Genetics</i> , 2021 , 17, e1009463	6	0
1	Exomer Is Part of a Hub Where Polarized Secretion and Ionic Stress Connect. <i>Frontiers in Microbiology</i> , 2021 , 12, 708354	5.7	0