

Yolanda Sanchez

List of Publications by Year in descending order

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29
papers

2,607
citations

393982

19
h-index

500791

28
g-index

31
all docs

31
docs citations

31
times ranked

1569
citing authors

#	ARTICLE	IF	CITATIONS
1	HSP104 required for induced thermotolerance. <i>Science</i> , 1990, 248, 1112-1115.	6.0	783
2	Hsp104 is required for tolerance to many forms of stress.. <i>EMBO Journal</i> , 1992, 11, 2357-2364.	3.5	490
3	Hsp104 is a highly conserved protein with two essential nucleotide-binding sites. <i>Nature</i> , 1991, 353, 270-273.	13.7	277
4	The novel fission yeast (1,3)-D-glucan synthase catalytic subunit Bgs4p is essential during both cytokinesis and polarized growth. <i>Journal of Cell Science</i> , 2005, 118, 157-174.	1.2	130
5	Genetic evidence for a functional relationship between Hsp104 and Hsp70. <i>Journal of Bacteriology</i> , 1993, 175, 6484-6491.	1.0	120
6	The <i>Schizosaccharomyces pombe</i> <i>cwg2+</i> gene codes for the beta subunit of a geranylgeranyltransferase type I required for beta-glucan synthesis.. <i>EMBO Journal</i> , 1993, 12, 5245-5254.	3.5	67
7	Bgs3p, a Putative 1,3-D-Glucan Synthase Subunit, Is Required for Cell Wall Assembly in <i>Schizosaccharomyces pombe</i> . <i>Eukaryotic Cell</i> , 2003, 2, 159-169.	3.4	66
8	Cell separation and the maintenance of cell integrity during cytokinesis in yeast: the assembly of a septum. <i>Yeast</i> , 2010, 27, 521-530.	0.8	66
9	<i>bgs2+</i> , a sporulation-specific glucan synthase homologue is required for proper ascospore wall maturation in fission yeast. <i>Molecular Microbiology</i> , 2000, 38, 308-321.	1.2	63
10	Subcellular localization and glycoprotein nature of the invertase from the fission yeast <i>Schizosaccharomyces pombe</i> . <i>Archives of Microbiology</i> , 1985, 142, 370-374.	1.0	61
11	Purification and characterization of the invertase from <i>Schizosaccharomyces pombe</i> . A comparative analysis with the invertase from <i>Saccharomyces cerevisiae</i> . <i>Biochemical Journal</i> , 1990, 267, 697-702.	1.7	61
12	<i>Schizosaccharomyces pombe</i> Rgf3p is a specific Rho1 GEF that regulates cell wall D-glucan biosynthesis through the GTPase Rho1p. <i>Journal of Cell Science</i> , 2004, 117, 6163-6174.	1.2	54
13	The D-glucanase Agn1p is required for cell separation in <i>Schizosaccharomyces pombe</i> . <i>Biology of the Cell</i> , 2005, 97, 569-576.	0.7	46
14	Rgf1p is a Specific Rho1-GEF That Coordinates Cell Polarization with Cell Wall Biogenesis in Fission Yeast. <i>Molecular Biology of the Cell</i> , 2006, 17, 1620-1631.	0.9	46
15	Role of Rho GTPases and Rho-GEFs in the regulation of cell shape and integrity in fission yeast. <i>Yeast</i> , 2006, 23, 1031-1043.	0.8	44
16	Synthesis of alpha-glucans in fission yeast spores is carried out by three alpha-glucan synthase paralogues, Mok12p, Mok13p and Mok14p. <i>Molecular Microbiology</i> , 2006, 59, 836-853.	1.2	35
17	<i>Schizosaccharomyces pombe</i> <i>ehs1p</i> is involved in maintaining cell wall integrity and in calcium uptake. <i>Molecular Genetics and Genomics</i> , 2000, 264, 173-183.	2.4	31
18	The Rho1p Exchange Factor Rgf1p Signals Upstream from the Pmk1 Mitogen-activated Protein Kinase Pathway in Fission Yeast. <i>Molecular Biology of the Cell</i> , 2009, 20, 721-731.	0.9	31

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19	The fission yeast cell wall stress sensor-like proteins Mtl2 and Wsc1 act by turning on the GTPase Rho1p but act independently of the cell wall integrity pathway. <i>MicrobiologyOpen</i> , 2013, 2, 778-794.	1.2	27
20	Fission Yeast Rgf2p Is a Rho1p Guanine Nucleotide Exchange Factor Required for Spore Wall Maturation and for the Maintenance of Cell Integrity in the Absence of Rgf1p. <i>Genetics</i> , 2009, 181, 1321-1334.	1.2	21
21	Biochemical Characterization of <i>Paracoccidioides brasiliensis</i> α -1,3-Glucanase Agn1p, and Its Functionality by Heterologous Expression in <i>Schizosaccharomyces pombe</i> . <i>PLoS ONE</i> , 2013, 8, e66853.	1.1	15
22	The Putative Exchange Factor Gef3p Interacts with Rho3p GTPase and the Septin Ring during Cytokinesis in Fission Yeast. <i>Journal of Biological Chemistry</i> , 2014, 289, 21995-22007.	1.6	15
23	Detection of surface forces by the cell-wall mechanosensor Wsc1 in yeast. <i>Developmental Cell</i> , 2021, 56, 2856-2870.e7.	3.1	15
24	Synthesis of <i>Saccharomyces cerevisiae</i> invertase by <i>Schizosaccharomyces pombe</i> . <i>FEBS Letters</i> , 1988, 234, 95-99.	1.3	11
25	The checkpoint-dependent nuclear accumulation of Rho1p exchange factor Rgf1p is important for tolerance to chronic replication stress. <i>Molecular Biology of the Cell</i> , 2014, 25, 1137-1150.	0.9	9
26	A novel checkpoint pathway controls actomyosin ring constriction trigger in fission yeast. <i>ELife</i> , 2020, 9, .	2.8	9
27	Rgf1p (Rho1p GEF) is required for double-strand break repair in fission yeast. <i>Nucleic Acids Research</i> , 2017, 45, 5269-5284.	6.5	6
28	The Role of the Cell Integrity Pathway in Septum Assembly in Yeast. <i>Journal of Fungi (Basel)</i> , 2020, 6, 1038. doi:10.3390/jof6101038	1.5	6
29	The Function of Fission Yeast Rho1-GEFs in the Control of Cell Growth and Division. , 2018, , .		0