Marisa Madrid

List of Publications by Year
in descending order

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37 papers	793 citations	430442 18 h-index	525886 27 g-index
39 all docs	39 docs citations	39 times ranked	747 citing authors

#	Article	IF	Citations
1	Stress-induced Response, Localization, and Regulation of the Pmk1 Cell Integrity Pathway in Schizosaccharomyces pombe. Journal of Biological Chemistry, 2006, 281, 2033-2043.	1.6	86
2	A Cooperative Role for Atf1 and Pap1 in the Detoxification of the Oxidative Stress Induced by Glucose Deprivation in Schizosaccharomyces pombe. Journal of Biological Chemistry, 2004, 279, 41594-41602.	1.6	60
3	Rga2 is a Rho2 GAP that regulates morphogenesis and cell integrity in S.â€ƒpombe. Molecular Microbiology, 2008, 70, 867-881.	1.2	55
4	Cold induces stress-activated protein kinase-mediated response in the fission yeastSchizosaccharomyces pombe. FEBS Journal, 2002, 269, 5056-5065.	0.2	51
5	Activation of the cell integrity pathway is channelled through diverse signalling elements in fission yeast. Cellular Signalling, 2008, 20, 748-757.	1.7	42
6	Stress-activated Protein Kinase-mediated Down-Regulation of the Cell Integrity Pathway Mitogen-activated Protein Kinase Pmk1p by Protein Phosphatases. Molecular Biology of the Cell, 2007, 18, 4405-4419.	0.9	40
7	Role for RACK1 Orthologue Cpc2 in the Modulation of Stress Response in Fission Yeast. Molecular Biology of the Cell, 2009, 20, 3996-4009.	0.9	36
8	Rho1 GTPase and PKC Ortholog Pck1 Are Upstream Activators of the Cell Integrity MAPK Pathway in Fission Yeast. PLoS ONE, 2014, 9, e88020.	1.1	35
9	Removal of Centrosomal PP1 by NIMA Kinase Unlocks the MPF Feedback Loop to Promote Mitotic Commitment in S.Âpombe. Current Biology, 2013, 23, 213-222.	1.8	33
10	Rga4 Modulates the Activity of the Fission Yeast Cell Integrity MAPK Pathway by Acting as a Rho2 GTPase-activating Protein. Journal of Biological Chemistry, 2010, 285, 11516-11525.	1.6	31
11	Eisosomes Regulate Phosphatidylinositol 4,5-Bisphosphate (PI(4,5)P2) Cortical Clusters and Mitogen-activated Protein (MAP) Kinase Signaling upon Osmotic Stress. Journal of Biological Chemistry, 2015, 290, 25960-25973.	1.6	27
12	Multiple crosstalk between TOR and the cell integrity MAPK signaling pathway in fission yeast. Scientific Reports, 2016, 6, 37515.	1.6	27
13	Quorum sensing and stress-activated MAPK signaling repress yeast to hypha transition in the fission yeast Schizosaccharomyces japonicus. PLoS Genetics, 2019, 15, e1008192.	1.5	26
14	A role for calcium in the regulation of neutral trehalase activity in the fission yeast Schizosaccharomyces pombe. Biochemical Journal, 2003, 376, 209-217.	1.7	24
15	Transduction of centrifugation-induced gravity forces through mitogen-activated protein kinase pathways in the fission yeast Schizosaccharomyces pombe. Microbiology (United Kingdom), 2007, 153, 1519-1529.	0.7	24
16	Rho2 Palmitoylation Is Required for Plasma Membrane Localization and Proper Signaling to the Fission Yeast Cell Integrity Mitogen-Activated Protein Kinase Pathway. Molecular and Cellular Biology, 2014, 34, 2745-2759.	1.1	23
17	Role of the fission yeast cell integrity MAPK pathway in response to glucose limitation. BMC Microbiology, 2013, 13, 34.	1.3	20
18	Multiple regulatory levels influence cell integrity control by PKC ortholog Pck2 in fission yeast. Journal of Cell Science, 2014, 128, 266-80.	1.2	19

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19	OGO: an ontological approach for integrating knowledge about orthology. BMC Bioinformatics, 2009, 10, S13.	1.2	15
20	Biological Significance of Nuclear Localization of Mitogen-activated Protein Kinase Pmk1 in Fission Yeast. Journal of Biological Chemistry, 2012, 287, 26038-26051.	1.6	13
21	Differential functional regulation of protein kinase C (PKC) orthologs in fission yeast. Journal of Biological Chemistry, 2017, 292, 11374-11387.	1.6	12
22	Stress-activated MAPK signaling controls fission yeast actomyosin ring integrity by modulating formin For3 levels. ELife, 2020, 9, .	2.8	11
23	Transcriptional and post-translational regulation of neutral trehalase inSchizosaccharomyces pombe during thermal stress. Yeast, 2004, 21, 593-603.	0.8	10
24	RNA-Binding Protein Rnc1 Regulates Cell Length at Division and Acute Stress Response in Fission Yeast through Negative Feedback Modulation of the Stress-Activated Mitogen-Activated Protein Kinase Pathway. MBio, 2020, 11, .	1.8	9
25	Distinct biological activity of threonine monophosphorylated MAPK isoforms during the stress response in fission yeast. Cellular Signalling, 2015, 27, 2534-2542.	1.7	8
26	The Fission Yeast Cell Integrity Pathway: A Functional Hub for Cell Survival upon Stress and Beyond. Journal of Fungi (Basel, Switzerland), 2022, 8, 32.	1.5	7
27	Semantic integration of information about orthologs and diseases: The OGO system. Journal of Biomedical Informatics, 2011, 44, 1020-1031.	2.5	6
28	A Conserved Non-Canonical Docking Mechanism Regulates the Binding of Dual Specificity Phosphatases to Cell Integrity Mitogen-Activated Protein Kinases (MAPKs) in Budding and Fission Yeasts. PLoS ONE, 2014, 9, e85390.	1.1	6
29	Functional characterization of Schizosaccharomyces pombe neutral trehalase altered in phosphorylatable serine residues. Archives of Microbiology, 2005, 183, 394-400.	1.0	5
30	Negative control of cytokinesis by stress-activated MAPK signaling. Current Genetics, 2021, 67, 715-721.	0.8	5
31	Solubilization and characterization of a cell wall-bound trehalase from ascospores of the fission yeast Schizosaccharomyces pombe. Microbiological Research, 2009, 164, 304-311.	2.5	4
32	Distinct functional relevance of dynamic GTPase cysteine methylation in fission yeast. Scientific Reports, 2017, 7, 6057.	1.6	4
33	The Multiple Functions of Rho GTPases in Fission Yeasts. Cells, 2021, 10, 1422.	1.8	4
34	Specific Functional Features of the Cell Integrity MAP Kinase Pathway in the Dimorphic Fission Yeast Schizosaccharomyces japonicus. Journal of Fungi (Basel, Switzerland), 2021, 7, 482.	1.5	3
35	Quorum Sensing: A Major Regulator of Fungal Development. , 2021, , 331-366.		2
36	Light-induced rhythmic changes in thermotolerance in stationary-phase cells of Candida utilis. International Microbiology, 2006, 9, 61-4.	1.1	2

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37	Linking Genome Annotation Projects with Genetic Disorders using Ontologies. Journal of Medical Systems, 2012, 36, 11-23.	2.2	1