Teresa Soto Pino

List of Publications by Year in descending order

41 papers	1,078 citations	393982 19 h-index	414034 32 g-index
43 all docs	43 docs citations	43 times ranked	882 citing authors

#	Article	IF	Citations
1	Peroxide Sensors for the Fission Yeast Stress-activated Mitogen-activated Protein Kinase Pathway. Molecular Biology of the Cell, 2001, 12, 407-419.	0.9	159
2	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
3	Accumulation of Trehalose by Overexpression of tps1 , Coding for Trehalose-6-Phosphate Synthase, Causes Increased Resistance to Multiple Stresses in the Fission Yeast Schizosaccharomyces pombe. Applied and Environmental Microbiology, 1999, 65, 2020-2024.	1.4	75
4	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
5	Cold induces stress-activated protein kinase-mediated response in the fission yeastSchizosaccharomyces pombe. FEBS Journal, 2002, 269, 5056-5065.	0.2	51
6	Activation of the cell integrity pathway is channelled through diverse signalling elements in fission yeast. Cellular Signalling, 2008, 20, 748-757.	1.7	42
7	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
8	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
9	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
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	Characterization of Mutants Devoid of Neutral Trehalase Activity in the Fission Yeast Schizosaccharomyces pombe : Partial Protection from Heat Shock and High-Salt Stress. Journal of Bacteriology, 1998, 180, 1342-1345.	1.0	29
12	Learning from yeasts: intracellular sensing of stress conditions. International Microbiology, 2003, 6, 211-219.	1.1	28
13	Negative Functional Interaction Between Cell Integrity MAPK Pathway and Rho1 GTPase in Fission Yeast. Genetics, 2013, 195, 421-432.	1.2	27
14	Multiple crosstalk between TOR and the cell integrity MAPK signaling pathway in fission yeast. Scientific Reports, 2016, 6, 37515.	1.6	27
15	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
16	Kin1 is a plasma membrane-associated kinase that regulates the cell surface in fission yeast. Molecular Microbiology, 2010, 77, 1186-1202.	1.2	25
17	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
18	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

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19	Characterization of tpp1+ as Encoding a Main Trehalose-6P Phosphatase in the Fission YeastSchizosaccharomyces pombe. Journal of Bacteriology, 2000, 182, 5880-5884.	1.0	23
20	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
21	Role of the fission yeast cell integrity MAPK pathway in response to glucose limitation. BMC Microbiology, 2013, 13, 34.	1.3	20
22	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
23	Analysis of the ntp1+ gene, encoding neutral trehalase in the fission yeast Schizosaccharomyces pombe1. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1998, 1443, 225-229.	2.4	17
24	Trehalose-6P synthase is essential for trehalase activation triggered by glucose, nitrogen source or heat shock, but not by osmostress, in Schizosaccharomyces pombe. Biochimica Et Biophysica Acta - General Subjects, 1998, 1381, 271-278.	1.1	16
25	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
26	Differential functional regulation of protein kinase C (PKC) orthologs in fission yeast. Journal of Biological Chemistry, 2017, 292, 11374-11387.	1.6	12
27	Fission Yeast Receptor of Activated C Kinase (RACK1) Ortholog Cpc2 Regulates Mitotic Commitment through Wee1 Kinase. Journal of Biological Chemistry, 2010, 285, 41366-41373.	1.6	11
28	Stress-activated MAPK signaling controls fission yeast actomyosin ring integrity by modulating formin For3 levels. ELife, 2020, 9, .	2.8	11
29	Transcriptional and post-translational regulation of neutral trehalase inSchizosaccharomyces pombe during thermal stress. Yeast, 2004, 21, 593-603.	0.8	10
30	Rga4, a Rho-GAP from fission yeast. Communicative and Integrative Biology, 2010, 3, 436-439.	0.6	10
31	Molecular interaction of neutral trehalase with other enzymes of trehalose metabolism in the fission yeastSchizosaccharomyces pombe. FEBS Journal, 2002, 269, 3847-3855.	0.2	9
32	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
33	Posttranslational Regulatory Control of Trehalase Induced by Nutrients, Metabolic Inhibitors, and Physical Agents inPachysolen tannophilus. Fungal Genetics and Biology, 1996, 20, 143-151.	0.9	8
34	Distinct biological activity of threonine monophosphorylated MAPK isoforms during the stress response in fission yeast. Cellular Signalling, 2015, 27, 2534-2542.	1.7	8
35	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
36	Functional interaction between Cdc42 and the stress MAPK signaling pathway during the regulation of fission yeast polarized growth. International Microbiology, 2020, 23, 31-41.	1.1	6

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37	Functional characterization of Schizosaccharomyces pombe neutral trehalase altered in phosphorylatable serine residues. Archives of Microbiology, 2005, 183, 394-400.	1.0	5
38	Distinct functional relevance of dynamic GTPase cysteine methylation in fission yeast. Scientific Reports, 2017, 7, 6057.	1.6	4
39	The Multiple Functions of Rho GTPases in Fission Yeasts. Cells, 2021, 10, 1422.	1.8	4
40	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
41	Quorum Sensing: A Major Regulator of Fungal Development. , 2021, , 331-366.		2