

Javier Jimenez

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,968
citations

567281

15
h-index

477307

29
g-index

31
all docs

31
docs citations

31
times ranked

2719
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	Sep7 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
3	Morphogenesis beyond Cytokinetic Arrest in <i>Saccharomyces cerevisiae</i> . <i>Journal of Cell Biology</i> , 1998, 143, 1617-1634.	5.2	64
4	Polyphosphate is involved in cell cycle progression and genomic stability in <i>Saccharomyces cerevisiae</i> . <i>Molecular Microbiology</i> , 2016, 101, 367-380.	2.5	58
5	The Cdc14p 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
6	The Stress-activated Protein Kinase Hog1 Mediates S Phase Delay in Response to Osmostress. <i>Molecular Biology of the Cell</i> , 2009, 20, 3572-3582.	2.1	57
7	Time-Dependent Quantitative Multicomponent Control of the G ₁ -S Network by the Stress-Activated Protein Kinase Hog1 upon Osmostress. <i>Science Signaling</i> , 2011, 4, ra63.	3.6	48
8	Hog1 Targets Whi5 and Msa1 Transcription Factors To Downregulate Cyclin Expression upon Stress. <i>Molecular and Cellular Biology</i> , 2015, 35, 1606-1618.	2.3	44
9	Improvement of biochemical methods of polyP quantification. <i>Microbial Cell</i> , 2017, 4, 6-15.	3.2	41
10	Polyphosphate: popping up from oblivion. <i>Current Genetics</i> , 2017, 63, 15-18.	1.7	38
11	Orchestrating the cell cycle in yeast: sequential localization of key mitotic regulators at the spindle pole and the bud neck. <i>Microbiology (United Kingdom)</i> , 2002, 148, 2647-2659.	1.8	29
12	Polyphosphate is a key factor for cell survival after DNA damage in eukaryotic cells. <i>DNA Repair</i> , 2017, 57, 171-178.	2.8	26
13	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
14	Phosphoregulation of the oncogenic protein regulator of cytokinesis 1 (PRC1) by the atypical CDK16/CCNY complex. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-17.	7.7	19
15	Polyphosphate degradation by Nudt3-Zn ²⁺ mediates oxidative stress response. <i>Cell Reports</i> , 2021, 37, 110004.	6.4	18
16	Interaction Dynamics Determine Signaling and Output Pathway Responses. <i>Cell Reports</i> , 2017, 19, 136-149.	6.4	15
17	Role of the Septin Cdc10 in the Virulence of <i>Candida albicans</i> . <i>Microbiology and Immunology</i> , 2006, 50, 499-511.	1.4	13
18	Hog1 activation delays mitotic exit via phosphorylation of Net1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 8924-8933.	7.1	11

#	ARTICLE	IF	CITATIONS
19	The atypical cyclin CNTD2 promotes colon cancer cell proliferation and migration. <i>Scientific Reports</i> , 2018, 8, 11797.	3.3	9
20	CDK-mediated Yku80 Phosphorylation Regulates the Balance Between Non-homologous End Joining (NHEJ) and Homologous Directed Recombination (HDR). <i>Journal of Molecular Biology</i> , 2020, 432, 166715.	4.2	9
21	Redundancy or specificity? The role of the CDK Pho85 in cell cycle control. <i>International Journal of Biochemistry and Molecular Biology</i> , 2013, 4, 140-9.	0.1	9
22	Defective in Mitotic Arrest 1 (Dma1) Ubiquitin Ligase Controls G1 Cyclin Degradation. <i>Journal of Biological Chemistry</i> , 2013, 288, 4704-4714.	3.4	6
23	Intertwined control of the cell cycle and nucleocytoplasmic transport by the cyclin-dependent kinase Pho85 and RanGTPase Gsp1 in <i>Saccharomyces cerevisiae</i> . <i>Microbiological Research</i> , 2018, 206, 168-176.	5.3	6
24	The regulation of Net1/Cdc14 by the Hog1 MAPK upon osmostress unravels a new mechanism regulating mitosis. <i>Cell Cycle</i> , 2020, 19, 2105-2118.	2.6	6
25	Phosphate: from stardust to eukaryotic cell cycle control. <i>International Microbiology</i> , 2016, 19, 133-141.	2.4	5
26	The yin and yang of cyclin control by nutrients. <i>Cell Cycle</i> , 2013, 12, 865-866.	2.6	4
27	Comprehensive and quantitative analysis of G1 cyclins. A tool for studying the cell cycle. <i>PLoS ONE</i> , 2019, 14, e0218531.	2.5	4
28	A single-copy suppressor of the <i>Saccharomyces cerevisiae</i> late-mitotic mutant <i>scdc15</i> and <i>dbf2</i> is encoded by the <i>Candida albicans</i> CDC14 gene. <i>Yeast</i> , 2001, 18, 849-858.	1.7	3
29	Protocol to quantify polyphosphate in human cell lines using a tagged PPBD peptide. <i>STAR Protocols</i> , 2022, 3, 101363.	1.2	2
30	The immune system and microorganisms: a love-hate relationship revisited. <i>International Microbiology</i> , 2003, 6, 3-4.	2.4	0
31	Covid-19, an opportunity to compare in-person and online teaching. <i>Revista Española De Educación Médica</i> , 2021, 2, 72-83.	0.1	0