

Kelly Tatchell

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,820
citations

394421

19
h-index

610901

24
g-index

24
all docs

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docs citations

24
times ranked

2014
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitotic Phosphorylation of Histone H3 Is Governed by Ipl1/Aurora Kinase and Glc7/PP1 Phosphatase in Budding Yeast and Nematodes. <i>Cell</i> , 2000, 102, 279-291.	28.9	800
2	The Set1 Methyltransferase Opposes Ipl1 Aurora Kinase Functions in Chromosome Segregation. <i>Cell</i> , 2005, 122, 723-734.	28.9	135
3	Anaphase spindle position is monitored by the BUB2 checkpoint. <i>Nature Cell Biology</i> , 2000, 2, 556-558.	10.3	103
4	Deletion of the Gene Encoding the Cyclin-Dependent Protein Kinase Pho85 Alters Glycogen Metabolism in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 1996, 143, 57-66.	2.9	76
5	A Bni4-Glc7 Phosphatase Complex That Recruits Chitin Synthase to the Site of Bud Emergence. <i>Molecular Biology of the Cell</i> , 2003, 14, 26-39.	2.1	69
6	Dynamic Localization of Protein Phosphatase Type 1 in the Mitotic Cell Cycle of <i>Saccharomyces cerevisiae</i> . <i>Journal of Cell Biology</i> , 2000, 149, 125-140.	5.2	66
7	Binding of the Concave Surface of the Sds22 Superhelix to the $\hat{1}\pm 4/\hat{1}\pm 5/\hat{1}\pm 6$ -Triangle of Protein Phosphatase-1. <i>Journal of Biological Chemistry</i> , 2002, 277, 47331-47337.	3.4	66
8	Alanine-Scanning Mutagenesis of Protein Phosphatase Type 1 in the Yeast <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 1997, 145, 615-626.	2.9	62
9	Mutations in Yeast Protein Phosphatase Type 1 that Affect Targeting Subunit Binding. <i>Biochemistry</i> , 2001, 40, 7410-7420.	2.5	56
10	Essential functions of Sds22p in chromosome stability and nuclear localization of PP1. <i>Journal of Cell Science</i> , 2002, 115, 195-206.	2.0	55
11	Genetic Interactions Between <i>GLC7</i> , <i>PPZ1</i> and <i>PPZ2</i> in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2000, 155, 69-83.	2.9	48
12	Essential functions of Sds22p in chromosome stability and nuclear localization of PP1. <i>Journal of Cell Science</i> , 2002, 115, 195-206.	2.0	42
13	Ypi1, a Positive Regulator of Nuclear Protein Phosphatase Type 1 Activity in <i>Saccharomyces cerevisiae</i> . <i>Molecular Biology of the Cell</i> , 2008, 19, 1032-1045.	2.1	41
14	Protein Phosphatase Type 1 Regulates Ion Homeostasis in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2002, 160, 1423-1437.	2.9	39
15	Expression of Human Protein Phosphatase-1 in <i>Saccharomyces cerevisiae</i> Highlights the Role of Phosphatase Isoforms in Regulating Eukaryotic Functions. <i>Journal of Biological Chemistry</i> , 2007, 282, 21838-21847.	3.4	30
16	SDS22 selectively recognizes and traps metal-deficient inactive PP1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 20472-20481.	7.1	28
17	Temperature-sensitive <i>ipl1-2/Aurora</i> B mutation is suppressed by mutations in TOR complex 1 via the Glc7/PP1 phosphatase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 3994-3999.	7.1	27
18	Hyperactive Glycogen Synthase Mutants of <i>Saccharomyces cerevisiae</i> Suppress the <i>glc7-1</i> Protein Phosphatase Mutant. <i>Journal of Bacteriology</i> , 2001, 183, 821-829.	2.2	22

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19	Evidence for double-strand break mediated mitochondrial DNA replication in <i>Saccharomyces cerevisiae</i> . <i>Nucleic Acids Research</i> , 2017, 45, 7760-7773.	14.5	20
20	Use of green fluorescent protein in living yeast cells. <i>Methods in Enzymology</i> , 2002, 351, 661-683.	1.0	13
21	Suppressors of <i>ipl1-2</i> in Components of a Glc7 Phosphatase Complex, Cdc48 AAA ATPase, TORC1, and the Kinetochore. <i>G3: Genes, Genomes, Genetics</i> , 2012, 2, 1687-1701.	1.8	10
22	<i>Saccharomyces cerevisiae</i> Mhr1 can bind Xho I-induced mitochondrial DNA double-strand breaks in vivo. <i>Mitochondrion</i> , 2018, 42, 23-32.	3.4	5
23	Reg1 and Snf1 regulate stress-induced relocalization of protein phosphatase 1 to cytoplasmic granules. <i>FEBS Journal</i> , 2021, 288, 4833-4848.	4.7	5
24	New ubiquitin-dependent mechanisms regulating the Aurora B-Protein Phosphatase 1 balance in <i>Saccharomyces cerevisiae</i> . <i>Journal of Cell Science</i> , 2018, 131, .	2.0	2