

Hay-Oak Park

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,842
citations

471509

17
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

1888
citing authors

#	ARTICLE	IF	CITATIONS
1	Central Roles of Small GTPases in the Development of Cell Polarity in Yeast and Beyond. <i>Microbiology and Molecular Biology Reviews</i> , 2007, 71, 48-96.	6.6	376
2	Cell Polarization and Cytokinesis in Budding Yeast. <i>Genetics</i> , 2012, 191, 347-387.	2.9	273
3	Bimolecular Fluorescence Complementation (BiFC) Analysis: Advances and Recent Applications for Genome-Wide Interaction Studies. <i>Journal of Molecular Biology</i> , 2015, 427, 2039-2055.	4.2	207
4	BUD2 encodes a GTPase-activating protein for Bud1/Rsr1 necessary for proper bud-site selection in yeast. <i>Nature</i> , 1993, 365, 269-274.	27.8	182
5	Guidelines and recommendations on yeast cell death nomenclature. <i>Microbial Cell</i> , 2018, 5, 4-31.	3.2	158
6	A GDP/GTP Exchange Factor Involved in Linking a Spatial Landmark to Cell Polarity. <i>Science</i> , 2001, 292, 1376-1378.	12.6	99
7	Interaction between a Ras and a Rho GTPase Couples Selection of a Growth Site to the Development of Cell Polarity in Yeast. <i>Molecular Biology of the Cell</i> , 2003, 14, 4958-4970.	2.1	82
8	Localization of the Rsr1/Bud1 GTPase Involved in Selection of a Proper Growth Site in Yeast. <i>Journal of Biological Chemistry</i> , 2002, 277, 26721-26724.	3.4	79
9	Interactions among Rax1p, Rax2p, Bud8p, and Bud9p in Marking Cortical Sites for Bipolar Bud-site Selection in Yeast. <i>Molecular Biology of the Cell</i> , 2004, 15, 5145-5157.	2.1	48
10	The Rsr1/Bud1 GTPase Interacts with Itself and the Cdc42 GTPase during Bud-Site Selection and Polarity Establishment in Budding Yeast. <i>Molecular Biology of the Cell</i> , 2010, 21, 3007-3016.	2.1	48
11	Bud3 activates Cdc42 to establish a proper growth site in budding yeast. <i>Journal of Cell Biology</i> , 2014, 206, 19-28.	5.2	42
12	The Rho5 GTPase is necessary for oxidant-induced cell death in budding yeast. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 1522-1527.	7.1	40
13	A Comprehensive Membrane Interactome Mapping of Sho1p Reveals Fps1p as a Novel Key Player in the Regulation of the HOG Pathway in <i>S. cerevisiae</i> . <i>Journal of Molecular Biology</i> , 2015, 427, 2088-2103.	4.2	34
14	The Rho1 GTPase Acts Together With a Vacuolar Glutathione S-Conjugate Transporter to Protect Yeast Cells From Oxidative Stress. <i>Genetics</i> , 2011, 188, 859-870.	2.9	27
15	Regulation of Cdc42 for polarized growth in budding yeast. <i>Microbial Cell</i> , 2020, 7, 175-189.	3.2	24
16	Regulation of Cdc42 polarization by the Rsr1 GTPase and Rga1, a Cdc42 GTPase-activating protein, in budding yeast. <i>Journal of Cell Science</i> , 2015, 128, 2106-2117.	2.0	22
17	Polarization of Diploid Daughter Cells Directed by Spatial Cues and GTP Hydrolysis of Cdc42 in Budding Yeast. <i>PLoS ONE</i> , 2013, 8, e56665.	2.5	22
18	Temporal regulation of cell polarity via the interaction of the Ras GTPase Rsr1 and the scaffold protein Bem1. <i>Molecular Biology of the Cell</i> , 2019, 30, 2543-2557.	2.1	20

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19	Probing Cdc42 Polarization Dynamics in Budding Yeast Using a Biosensor. <i>Methods in Enzymology</i> , 2017, 589, 171-190.	1.0	17
20	Fine-tuning the orientation of the polarity axis by Rga1, a Cdc42 GTPase-activating protein. <i>Molecular Biology of the Cell</i> , 2017, 28, 3773-3788.	2.1	16
21	The shared role of the Rsr1 GTPase and Gic1/Gic2 in Cdc42 polarization. <i>Molecular Biology of the Cell</i> , 2018, 29, 2359-2369.	2.1	14
22	Genome-Wide Studies of Rho5-Interacting Proteins That Are Involved in Oxidant-Induced Cell Death in Budding Yeast. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 921-931.	1.8	9
23	Up-regulation of the Cdc42 GTPase limits the replicative life span of budding yeast. <i>Molecular Biology of the Cell</i> , 2022, 33, mbcE20010087.	2.1	2