Hans-Peter Schmitz

List of Publications by Year
in descending order

29	599	623734	642732
papers	citations	14 h-index	23 g-index

29	29	29	533
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	From Function to Shape: A Novel Role of a Formin in Morphogenesis of the Fungus Ashbya gossypii. Molecular Biology of the Cell, 2006, 17, 130-145.	2.1	62
2	Comparative Genetic and Physiological Studies of the MAP Kinase Mpk1p from Kluyveromyces lactis and Saccharomyces cerevisiae. Journal of Molecular Biology, 2000, 300, 743-758.	4.2	57
3	Evolution, biochemistry and genetics of protein kinase C in fungi. Current Genetics, 2003, 43, 245-254.	1.7	49
4	Reversible disassembly of the yeast V-ATPase revisited under inÂvivo conditions. Biochemical Journal, 2014, 462, 185-197.	3.7	47
5	Regulation of yeast protein kinase C activity by interaction with the small GTPase Rho1p through its amino-terminal HR1 domain. Molecular Microbiology, 2002, 44, 829-840.	2.5	46
6	Cyk3 acts in actomyosin ring independent cytokinesis by recruiting Inn1 to the yeast bud neck. Molecular Genetics and Genomics, 2009, 282, 437-451.	2.1	44
7	Rho5p downregulates the yeast cell integrity pathway. Journal of Cell Science, 2002, 115, 3139-3148.	2.0	43
8	Rho5p downregulates the yeast cell integrity pathway. Journal of Cell Science, 2002, 115, 3139-48.	2.0	41
9	Glycolytic Functions Are Conserved in the Genome of the Wine Yeast Hanseniaspora uvarum, and Pyruvate Kinase Limits Its Capacity for Alcoholic Fermentation. Applied and Environmental Microbiology, 2017, 83, .	3.1	29
10	Evolution of multinucleated Ashbya gossypii hyphae from a budding yeast-like ancestor. Fungal Biology, 2011, 115, 557-568.	2.5	28
11	KlRHO1 and KlPKC1 are essential for cell integrity signalling in Kluyveromyces lactis. Microbiology (United Kingdom), 2006, 152, 2635-2649.	1.8	25
12	Identification of <scp>D</scp>ck1 and <scp>L</scp>mo1 as upstream regulators of the small <scp>GTP</scp>ase <scp>R</scp>ho5 in <scp>S</scp>accharomyces cerevisiae. Molecular Microbiology, 2015, 96, 306-324.	2.5	23
13	The function of two closely related Rho proteins is determined by an atypical switch I region. Journal of Cell Science, 2008, 121, 1065-1075.	2.0	21
14	The Small Yeast GTPase Rho5 and Its Dimeric GEF Dck1/Lmo1 Respond to Glucose Starvation. International Journal of Molecular Sciences, 2018, 19, 2186.	4.1	16
15	Septin-associated protein kinase Gin4 affects localization and phosphorylation of Chs4, the regulatory subunit of the Bakerâ€™s yeast chitin synthase III complex. Fungal Genetics and Biology, 2018, 117, 11-20.	2.1	12
16	The Small GTP-Binding Proteins AgRho2 and AgRho5 Regulate Tip-Branching, Maintenance of the Growth Axis and Actin-Ring-Integrity in the Filamentous Fungus Ashbya gossypii. PLoS ONE, 2014, 9, e106236.	2.5	11
17	Fungal homologues of human Rac1 as emerging players in signal transduction and morphogenesis. International Microbiology, 2020, 23, 43-53.	2.4	11
18	A Bnrâ€like formin links actin to the spindle pole body during sporulation in the filamentous fungus Ashbya gossypii. Molecular Microbiology, 2011, 80, 1276-1295.	2.5	8

#	Article	IF	Citations
19	Analysis of Functional Domains in Rho5, the Yeast Homolog of Human Rac1 GTPase, in Oxidative Stress Response. International Journal of Molecular Sciences, 2019, 20, 5550.	4.1	8
20	A network involving Rhoâ€type GTPases, a paxillin and a formin homologue regulates spore length and spore wall integrity in the filamentous fungus Ashbya gossypii. Molecular Microbiology, 2012, 85, 574-593.	2.5	6
21	Genetic and Physiological Characterization of Fructose-1,6-Bisphosphate Aldolase and Glyceraldehyde-3-Phosphate Dehydrogenase in the Crabtree-Negative Yeast Kluyveromyces lactis. International Journal of Molecular Sciences, 2022, 23, 772.	4.1	6
22	Selection of STOPâ€free sequences from random mutagenesis for â€˜loss of interactionâ€™ twoâ€hybrid studies. Yeast, 2011, 28, 535-545.	1.7	4
23	Analysis of the protein composition of the spindle pole body during sporulation in Ashbya gossypii. PLoS ONE, 2019, 14, e0223374.	2.5	2
24	Analysis of the protein composition of the spindle pole body during sporulation in Ashbya gossypii. , 2019, 14, e0223374.		0
25	Analysis of the protein composition of the spindle pole body during sporulation in Ashbya gossypii. , 2019, 14, e0223374.		0
26	Analysis of the protein composition of the spindle pole body during sporulation in Ashbya gossypii. , 2019, 14, e0223374.		0
27	Analysis of the protein composition of the spindle pole body during sporulation in Ashbya gossypii. , 2019, 14, e0223374.		0
28	Analysis of the protein composition of the spindle pole body during sporulation in Ashbya gossypii. , 2019, 14, e0223374.		0
29	Analysis of the protein composition of the spindle pole body during sporulation in Ashbya gossypii. , 2019, 14, e0223374.		0