

Hans-Peter Schmitz

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Genetic and Physiological Characterization of Fructose-1,6-Bisphosphate Aldolase and Glycerinaldehyde-3-Phosphate Dehydrogenase in the Crabtree-Negative Yeast <i>Kluyveromyces lactis</i> . <i>International Journal of Molecular Sciences</i> , 2022, 23, 772.	4.1	6
2	Fungal homologues of human Rac1 as emerging players in signal transduction and morphogenesis. <i>International Microbiology</i> , 2020, 23, 43-53.	2.4	11
3	Analysis of the protein composition of the spindle pole body during sporulation in <i>Ashbya gossypii</i> . <i>PLoS ONE</i> , 2019, 14, e0223374.	2.5	2
4	Analysis of Functional Domains in Rho5, the Yeast Homolog of Human Rac1 GTPase, in Oxidative Stress Response. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5550.	4.1	8
5	Analysis of the protein composition of the spindle pole body during sporulation in <i>Ashbya gossypii</i> . , 2019, 14, e0223374.		0
6	Analysis of the protein composition of the spindle pole body during sporulation in <i>Ashbya gossypii</i> . , 2019, 14, e0223374.		0
7	Analysis of the protein composition of the spindle pole body during sporulation in <i>Ashbya gossypii</i> . , 2019, 14, e0223374.		0
8	Analysis of the protein composition of the spindle pole body during sporulation in <i>Ashbya gossypii</i> . , 2019, 14, e0223374.		0
9	Analysis of the protein composition of the spindle pole body during sporulation in <i>Ashbya gossypii</i> . , 2019, 14, e0223374.		0
10	Analysis of the protein composition of the spindle pole body during sporulation in <i>Ashbya gossypii</i> . , 2019, 14, e0223374.		0
11	Septin-associated protein kinase Gin4 affects localization and phosphorylation of Chs4, the regulatory subunit of the Bakerâ€™s yeast chitin synthase III complex. <i>Fungal Genetics and Biology</i> , 2018, 117, 11-20.	2.1	12
12	The Small Yeast GTPase Rho5 and Its Dimeric GEF Dck1/Lmo1 Respond to Glucose Starvation. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2186.	4.1	16
13	Glycolytic Functions Are Conserved in the Genome of the Wine Yeast <i>Hanseniaspora uvarum</i> , and Pyruvate Kinase Limits Its Capacity for Alcoholic Fermentation. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	3.1	29
14	Identification of <i>Dck1</i> and <i>Lmo1</i> as upstream regulators of the small GTPase <i>Rho5</i> in <i>Saccharomyces cerevisiae</i> . <i>Molecular Microbiology</i> , 2015, 96, 306-324.	2.5	23
15	The Small GTP-Binding Proteins <i>AgRho2</i> and <i>AgRho5</i> Regulate Tip-Branching, Maintenance of the Growth Axis and Actin-Ring-Integrity in the Filamentous Fungus <i>Ashbya gossypii</i> . <i>PLoS ONE</i> , 2014, 9, e106236.	2.5	11
16	Reversible disassembly of the yeast V-ATPase revisited under <i>in vivo</i> conditions. <i>Biochemical Journal</i> , 2014, 462, 185-197.	3.7	47
17	A network involving Rho-type GTPases, a paxillin and a formin homologue regulates spore length and spore wall integrity in the filamentous fungus <i>Ashbya gossypii</i> . <i>Molecular Microbiology</i> , 2012, 85, 574-593.	2.5	6
18	Evolution of multinucleated <i>Ashbya gossypii</i> hyphae from a budding yeast-like ancestor. <i>Fungal Biology</i> , 2011, 115, 557-568.	2.5	28

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19	A Bnr-like formin links actin to the spindle pole body during sporulation in the filamentous fungus <i>Ashbya gossypii</i> . <i>Molecular Microbiology</i> , 2011, 80, 1276-1295.	2.5	8
20	Selection of STOP-free sequences from random mutagenesis for loss of interaction™ two-hybrid studies. <i>Yeast</i> , 2011, 28, 535-545.	1.7	4
21	Cyk3 acts in actomyosin ring independent cytokinesis by recruiting Inn1 to the yeast bud neck. <i>Molecular Genetics and Genomics</i> , 2009, 282, 437-451.	2.1	44
22	The function of two closely related Rho proteins is determined by an atypical switch I region. <i>Journal of Cell Science</i> , 2008, 121, 1065-1075.	2.0	21
23	KLRHO1 and KIPKC1 are essential for cell integrity signalling in <i>Kluyveromyces lactis</i> . <i>Microbiology (United Kingdom)</i> , 2006, 152, 2635-2649.	1.8	25
24	From Function to Shape: A Novel Role of a Formin in Morphogenesis of the Fungus <i>Ashbya gossypii</i> . <i>Molecular Biology of the Cell</i> , 2006, 17, 130-145.	2.1	62
25	Evolution, biochemistry and genetics of protein kinase C in fungi. <i>Current Genetics</i> , 2003, 43, 245-254.	1.7	49
26	Regulation of yeast protein kinase C activity by interaction with the small GTPase Rho1p through its amino-terminal HR1 domain. <i>Molecular Microbiology</i> , 2002, 44, 829-840.	2.5	46
27	Rho5p downregulates the yeast cell integrity pathway. <i>Journal of Cell Science</i> , 2002, 115, 3139-3148.	2.0	43
28	Rho5p downregulates the yeast cell integrity pathway. <i>Journal of Cell Science</i> , 2002, 115, 3139-48.	2.0	41
29	Comparative Genetic and Physiological Studies of the MAP Kinase Mpk1p from <i>Kluyveromyces lactis</i> and <i>Saccharomyces cerevisiae</i> . <i>Journal of Molecular Biology</i> , 2000, 300, 743-758.	4.2	57