

Jiri Hasek

List of Publications by Year in descending order

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49
papers

1,210
citations

471061

17
h-index

395343

33
g-index

49
all docs

49
docs citations

49
times ranked

1729
citing authors

#	ARTICLE	IF	CITATIONS
1	Auxin transport inhibitors impair vesicle motility and actin cytoskeleton dynamics in diverse eukaryotes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 4489-4494.	3.3	239
2	Robust heat shock induces eIF2 γ -phosphorylation-independent assembly of stress granules containing eIF3 and 40S ribosomal subunits in budding yeast, <i>Saccharomyces cerevisiae</i> . <i>Journal of Cell Science</i> , 2009, 122, 2078-2088.	1.2	204
3	Yno1p/Aim14p, a NADPH-oxidase ortholog, controls extramitochondrial reactive oxygen species generation, apoptosis, and actin cable formation in yeast. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 8658-8663.	3.3	126
4	Heat Shock-Induced Accumulation of Translation Elongation and Termination Factors Precedes Assembly of Stress Granules in <i>S. cerevisiae</i> . <i>PLoS ONE</i> , 2013, 8, e57083.	1.1	56
5	Electromagnetic Field of Microtubules: Effects on Transfer of Mass Particles and Electrons. <i>Journal of Biological Physics</i> , 2005, 31, 501-514.	0.7	42
6	The defense and signaling role of NADPH oxidases in eukaryotic cells. <i>Wiener Medizinische Wochenschrift</i> , 2018, 168, 286-299.	0.5	39
7	Phospholipase C Is Involved in Kinetochore Function in <i>Saccharomyces cerevisiae</i> . <i>Molecular and Cellular Biology</i> , 2000, 20, 3597-3607.	1.1	37
8	Measurement of Electrical Oscillations and Mechanical Vibrations of Yeast Cells Membrane Around 1â€‰kHz. <i>Electromagnetic Biology and Medicine</i> , 2009, 28, 223-232.	0.7	35
9	Clearing the outer mitochondrial membrane from harmful proteins via lipid droplets. <i>Cell Death Discovery</i> , 2017, 3, 17016.	2.0	32
10	RPG1 : an essential gene of <i>Saccharomyces cerevisiae</i> encoding a 110-kDa protein required for passage through the G 1 phase. <i>Current Genetics</i> , 1998, 33, 100-109.	0.8	29
11	Mmi1, the Yeast Homologue of Mammalian TCTP, Associates with Stress Granules in Heat-Shocked Cells and Modulates Proteasome Activity. <i>PLoS ONE</i> , 2013, 8, e77791.	1.1	28
12	Evolutionarily Conserved 5â€™-3â€™ Exoribonuclease Xrn1 Accumulates at Plasma Membrane-Associated Eisosomes in Post-Diauxic Yeast. <i>PLoS ONE</i> , 2015, 10, e0122770.	1.1	25
13	The arrangement of F-actin and microtubules during germination of <i>Mucor rouxii</i> sporangiospores. <i>Archives of Microbiology</i> , 1994, 161, 363-369.	1.0	23
14	<i>Saccharomyces cerevisiae</i> gene SW2 encodes a microtubule-interacting protein required for premeiotic DNA replication. <i>Yeast</i> , 2000, 16, 35-47.	0.8	23
15	Disrupting Vesicular Trafficking at the Endosome Attenuates Transcriptional Activation by Gcn4. <i>Molecular and Cellular Biology</i> , 2008, 28, 6796-6818.	1.1	23
16	Fluorescence Microscopy Methods. , 1996, 53, 391-406.		22
17	New integrative modules for multicolor-protein labeling and live-cell imaging in <i>Saccharomyces cerevisiae</i> . <i>FEMS Yeast Research</i> , 2016, 16, fow027.	1.1	22
18	Vps Factors Are Required for Efficient Transcription Elongation in Budding Yeast. <i>Genetics</i> , 2013, 193, 829-851.	1.2	19

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19	The Stationary-Phase Cells of <i>Saccharomyces cerevisiae</i> Display Dynamic Actin Filaments Required for Processes Extending Chronological Life Span. <i>Molecular and Cellular Biology</i> , 2015, 35, 3892-3908.	1.1	18
20	Yeast Fluorescence Microscopy. , 2006, 313, 085-096.		15
21	Rpg1p/Tif32p, a Subunit of Translation Initiation Factor 3, Interacts with Actin-Associated Protein Sla2p. <i>Biochemical and Biophysical Research Communications</i> , 2001, 282, 1244-1250.	1.0	14
22	Yeast stress granules at a glance. <i>Yeast</i> , 2022, 39, 247-261.	0.8	13
23	Interaction of Pik1p and Sjl proteins in membrane trafficking. <i>FEMS Yeast Research</i> , 2005, 5, 363-371.	1.1	12
24	Deregulation of <i>DSE1</i> Gene Expression Results in Aberrant Budding within the Birth Scar and Cell Wall Integrity Pathway Activation in <i>Saccharomyces cerevisiae</i> . <i>Eukaryotic Cell</i> , 2009, 8, 586-594.	3.4	11
25	The absence of the Isw2p-Itc1p chromatin-remodelling complex induces mating type-specific and Flo11p-independent invasive growth of <i>Saccharomyces cerevisiae</i> . <i>Yeast</i> , 2004, 21, 389-401.	0.8	9
26	Stoichiometry and Change of the mRNA Closed-Loop Factors as Translating Ribosomes Transit from Initiation to Elongation. <i>PLoS ONE</i> , 2016, 11, e0150616.	1.1	9
27	The W303 genetic background affects the <i>isw2^Δ</i> mutant phenotype in <i>Saccharomyces cerevisiae</i> . <i>Folia Microbiologica</i> , 2003, 48, 745-753.	1.1	8
28	Optical spectral analysis of ultra-weak photon emission from tissue culture and yeast cells. , 2015, , .		8
29	Actin Cytoskeleton Regulation by the Yeast NADPH Oxidase Yno1p Impacts Processes Controlled by MAPK Pathways. <i>Antioxidants</i> , 2021, 10, 322.	2.2	8
30	Slow Growth and Increased Spontaneous Mutation Frequency in Respiratory Deficient <i>afo1</i> - Yeast Suppressed by a Dominant Mutation in <i>ATP3</i> . <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 4637-4648.	0.8	7
31	Formaldehyde fixation is detrimental to actin cables in glucose-depleted <i>S. cerevisiae</i> cells. <i>Microbial Cell</i> , 2016, 3, 206-214.	1.4	7
32	eIF3a Destabilization and TDP-43 Alter Dynamics of Heat-Induced Stress Granules. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5164.	1.8	6
33	Special type of pheromone-induced invasive growth in <i>Saccharomyces cerevisiae</i> . <i>Current Genetics</i> , 2007, 52, 87-95.	0.8	5
34	Nuclear Import of Chromatin Remodeler Isw1 Is Mediated by Atypical Bipartite cNLS and Classical Import Pathway. <i>Traffic</i> , 2013, 14, 176-193.	1.3	5
35	The WD-40 repeat protein PkwA of <i>Thermomonospora curvata</i> is associated with rapid growth and is localized in the tips of growing hyphae. <i>FEMS Microbiology Letters</i> , 2006, 258, 187-193.	0.7	4
36	An aggregation-prone mutant of eIF3a forms reversible assemblies escaping spatial control in exponentially growing yeast cells. <i>Current Genetics</i> , 2019, 65, 919-940.	0.8	4

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37	Flunarizine affects F-actin pattern in <i>Mucor rouxii</i> germlings. <i>Canadian Journal of Microbiology</i> , 1994, 40, 730-735.	0.8	3
38	Colocalization of cortical microtubules and F-actin in <i>Dipodascus magnusii</i> using confocal laser scanning microscopy. <i>Folia Microbiologica</i> , 2003, 48, 177-182.	1.1	3
39	Mmi1, the Yeast Ortholog of Mammalian Translationally Controlled Tumor Protein (TCTP), Negatively Affects Rapamycin-Induced Autophagy in Post-Diauxic Growth Phase. <i>Cells</i> , 2020, 9, 138.	1.8	3
40	Immunolocalization of cyclophilin in normal and cyclosporin A-treated human lymphocytes. <i>Immunology Letters</i> , 1994, 41, 267-272.	1.1	2
41	Light Microscopy Methods. , 1996, 53, 383-390.		2
42	Measurement of Electrical and Mechanical Oscillations of Yeast Cells Membrane in Acoustic Frequency Range. , 2008, , .		2
43	Ultra Low Frequency Yeast Cells Electric Activity. , 2008, , .		2
44	Chemical modulation of the ultra-weak photon emission from <i>Saccharomyces cerevisiae</i> and differentiated HL-60 cells. , 2015, , .		2
45	Phospholipase C Is Involved in Kinetochore Function in <i>Saccharomyces cerevisiae</i> . <i>Molecular and Cellular Biology</i> , 2000, 20, 3597-3607.	1.1	2
46	The fission yeast ortholog of eIF3a subunit is not functional in <i>Saccharomyces cerevisiae</i> . <i>Folia Microbiologica</i> , 2006, 51, 555-564.	1.1	1
47	Electrical Vibrations of Yeast Cell Membrane. <i>Progress in Electromagnetics Research Symposium: [proceedings]</i> <i>Progress in Electromagnetics Research Symposium</i> , 2007, 3, 1190-1194.	0.4	1
48	Two-channel measurement of the ultra-weak photon emission from a yeast culture during its growth. , 2014, , .		0
49	Yeast phospholipase C is required for stability of casein kinase I Yck2p and expression of hexose transporters. <i>FEMS Microbiology Letters</i> , 2017, 364, .	0.7	0