

Agnes Grallert

List of Publications by Year in descending order

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29
papers

1,096
citations

516710

16
h-index

477307

29
g-index

29
all docs

29
docs citations

29
times ranked

1482
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple Reaction Monitoring to Identify Sites of Protein Phosphorylation with High Sensitivity. <i>Molecular and Cellular Proteomics</i> , 2005, 4, 1134-1144.	3.8	195
2	A PP1-PP2A phosphatase relay controls mitotic progression. <i>Nature</i> , 2015, 517, 94-98.	27.8	162
3	Recruitment of NIMA kinase shows that maturation of the <i>S. pombe</i> spindle-pole body occurs over consecutive cell cycles and reveals a role for NIMA in modulating SIN activity. <i>Genes and Development</i> , 2004, 18, 1007-1021.	5.9	92
4	Centrosomal MPF triggers the mitotic and morphogenetic switches of fission yeast. <i>Nature Cell Biology</i> , 2013, 15, 88-95.	10.3	65
5	<i>Schizosaccharomyces pombe</i> NIMA-related kinase, Fin1, regulates spindle formation and an affinity of Polo for the SPB. <i>EMBO Journal</i> , 2002, 21, 3096-3107.	7.8	63
6	Brr6 drives the <i>Schizosaccharomyces pombe</i> spindle pole body nuclear envelope insertion/extrusion cycle. <i>Journal of Cell Biology</i> , 2011, 195, 467-484.	5.2	54
7	<i>S. pombe</i> CLASP needs dynein, not EB1 or CLIP170, to induce microtubule instability and slows polymerization rates at cell tips in a dynein-dependent manner. <i>Genes and Development</i> , 2006, 20, 2421-2436.	5.9	53
8	<i>Schizosaccharomyces pombe</i> protein phosphatase 1 in mitosis, endocytosis and a partnership with Wsh3/Tea4 to control polarised growth. <i>Journal of Cell Science</i> , 2007, 120, 3589-3601.	2.0	53
9	Extending the <i>Schizosaccharomyces pombe</i> Molecular Genetic Toolbox. <i>PLoS ONE</i> , 2014, 9, e97683.	2.5	51
10	Programmed fluctuations in sense/antisense transcript ratios drive sexual differentiation in <i>S. pombe</i> . <i>Molecular Systems Biology</i> , 2011, 7, 559.	7.2	41
11	The <i>S. pombe</i> cytokinesis NDR kinase Sid2 activates Fin1 NIMA kinase to control mitotic commitment through Pom1/Wee1. <i>Nature Cell Biology</i> , 2012, 14, 738-745.	10.3	39
12	Transient Structure Associated with the Spindle Pole Body Directs Meiotic Microtubule Reorganization in <i>S. pombe</i> . <i>Current Biology</i> , 2012, 22, 562-574.	3.9	37
13	Removal of Centrosomal PP1 by NIMA Kinase Unlocks the MPF Feedback Loop to Promote Mitotic Commitment in <i>S. pombe</i> . <i>Current Biology</i> , 2013, 23, 213-222.	3.9	33
14	Augmented Annotation of the <i>Schizosaccharomyces pombe</i> Genome Reveals Additional Genes Required for Growth and Viability. <i>Genetics</i> , 2011, 187, 1207-1217.	2.9	26
15	Spatial control of mitotic commitment in fission yeast. <i>Biochemical Society Transactions</i> , 2013, 41, 1766-1771.	3.4	21
16	In vivo movement of the type V myosin Myo52 requires dimerisation but is independent of the neck domain. <i>Journal of Cell Science</i> , 2007, 120, 4093-4098.	2.0	20
17	Preparation of Protein Extracts from <i>Schizosaccharomyces pombe</i> Using Trichloroacetic Acid Precipitation. <i>Cold Spring Harbor Protocols</i> , 2017, 2017, pdb.prot091579.	0.3	19
18	Analysis of the <i>Schizosaccharomyces pombe</i> Cell Cycle. <i>Cold Spring Harbor Protocols</i> , 2016, 2016, pdb.top082800.	0.3	17

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19	Dialogue between centrosomal entrance and exit scaffold pathways regulates mitotic commitment. <i>Journal of Cell Biology</i> , 2017, 216, 2795-2812.	5.2	12
20	Cell Cycle Synchronization of <i>Schizosaccharomyces pombe</i> by Centrifugal Elutriation of Small Cells. <i>Cold Spring Harbor Protocols</i> , 2016, 2016, pdb.prot091231.	0.3	9
21	GENETICS, PHYSIOLOGY AND CYTOLOGY OF YEAST-MYCELIAL DIMORPHISM IN FISSION YEASTS. <i>Acta Microbiologica Et Immunologica Hungarica</i> , 1999, 46, 297-302.	0.8	7
22	Synchronizing Progression of <i>Schizosaccharomyces pombe</i> Cells from G ₂ through Repeated Rounds of Mitosis and S Phase with <i>cdc25-22</i> Arrest Release. <i>Cold Spring Harbor Protocols</i> , 2016, 2016, pdb.prot091264.	0.3	7
23	Small-Scale Immunoprecipitation from Fission Yeast Cell Extracts. <i>Cold Spring Harbor Protocols</i> , 2017, 2017, pdb.prot091587.	0.3	6
24	Large-Scale Immunoprecipitation from Fission Yeast Cell Extracts. <i>Cold Spring Harbor Protocols</i> , 2017, 2017, pdb.prot091595.	0.3	5
25	Synchronizing Progression of <i>Schizosaccharomyces pombe</i> Cells from Prophase through Mitosis and into S Phase with <i>nda3-KM311</i> Arrest Release. <i>Cold Spring Harbor Protocols</i> , 2016, 2016, pdb.prot091256.	0.3	3
26	Multifunctional cytokinesis genes in <i>schizosaccharomyces pombe</i> . <i>Acta Biologica Hungarica</i> , 2001, 52, 315-323.	0.7	2
27	Cell Cycle Synchronization of <i>Schizosaccharomyces pombe</i> by Lactose Gradient Centrifugation to Isolate Small Cells. <i>Cold Spring Harbor Protocols</i> , 2016, 2016, pdb.prot091249.	0.3	2
28	Isolation and characterization of fission yeast genes involved in transcription regulation of cell cycle events. <i>Acta Microbiologica Et Immunologica Hungarica</i> , 2002, 49, 285-287.	0.8	1
29	Elementary Protein Analysis in <i>Schizosaccharomyces pombe</i> . <i>Cold Spring Harbor Protocols</i> , 2017, 2017, pdb.top079806.	0.3	1