

Iain M Hagan

List of Publications by Year in descending order

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67
papers

4,244
citations

168829

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129628

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docs citations

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times ranked

3835
citing authors

#	ARTICLE	IF	CITATIONS
1	A TOR (target of rapamycin) and nutritional phosphoproteome of fission yeast reveals novel targets in networks conserved in humans. <i>Open Biology</i> , 2021, 11, 200405.	1.5	4
2	Release from cell cycle arrest with Cdk4/6 inhibitors generates highly synchronized cell cycle progression in human cell culture. <i>Open Biology</i> , 2020, 10, 200200.	1.5	27
3	Import of extracellular ATP in yeast and man modulates AMPK and TORC1 signalling. <i>Journal of Cell Science</i> , 2019, 132, .	1.2	19
4	Preparation of Protein Extracts from <i>Schizosaccharomyces pombe</i> Using Trichloroacetic Acid Precipitation. <i>Cold Spring Harbor Protocols</i> , 2017, 2017, pdb.prot091579.	0.2	19
5	Large-Scale Immunoprecipitation from Fission Yeast Cell Extracts. <i>Cold Spring Harbor Protocols</i> , 2017, 2017, pdb.prot091595.	0.2	5
6	Small-Scale Immunoprecipitation from Fission Yeast Cell Extracts. <i>Cold Spring Harbor Protocols</i> , 2017, 2017, pdb.prot091587.	0.2	6
7	Elementary Protein Analysis in <i>Schizosaccharomyces pombe</i> . <i>Cold Spring Harbor Protocols</i> , 2017, 2017, pdb.top079806.	0.2	1
8	Dialogue between centrosomal entrance and exit scaffold pathways regulates mitotic commitment. <i>Journal of Cell Biology</i> , 2017, 216, 2795-2812.	2.3	12
9	Immunofluorescence Microscopy of <i>Schizosaccharomyces pombe</i> Using Chemical Fixation. <i>Cold Spring Harbor Protocols</i> , 2016, 2016, pdb.prot091017.	0.2	12
10	Fixed-Cell Imaging of <i>Schizosaccharomyces pombe</i> . <i>Cold Spring Harbor Protocols</i> , 2016, 2016, pdb.top079830.	0.2	2
11	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.	0.2	3
12	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.	0.2	7
13	Analysis of the <i>Schizosaccharomyces pombe</i> Cell Cycle. <i>Cold Spring Harbor Protocols</i> , 2016, 2016, pdb.top082800.	0.2	17
14	Cell Cycle Synchronization of <i>Schizosaccharomyces pombe</i> by Centrifugal Elutriation of Small Cells. <i>Cold Spring Harbor Protocols</i> , 2016, 2016, pdb.prot091231.	0.2	9
15	Chromatin and Cell Wall Staining of <i>Schizosaccharomyces pombe</i> . <i>Cold Spring Harbor Protocols</i> , 2016, 2016, pdb.prot091025.	0.2	14
16	Staining Fission Yeast Filamentous Actin with Fluorescent Phalloidin Conjugates. <i>Cold Spring Harbor Protocols</i> , 2016, 2016, pdb.prot091033.	0.2	9
17	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.	0.2	2
18	The Centrosome and Its Duplication Cycle. <i>Cold Spring Harbor Perspectives in Biology</i> , 2015, 7, a015800.	2.3	203

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19	Nic1 Inactivation Enables Stable Isotope Labeling with ¹³ C615N4-Arginine in <i>Schizosaccharomyces pombe</i> . <i>Molecular and Cellular Proteomics</i> , 2015, 14, 243-250.	2.5	9
20	A PP1-PP2A phosphatase relay controls mitotic progression. <i>Nature</i> , 2015, 517, 94-98.	13.7	162
21	Extending the <i>Schizosaccharomyces pombe</i> Molecular Genetic Toolbox. <i>PLoS ONE</i> , 2014, 9, e97683.	1.1	51
22	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.	1.8	33
23	Spatial control of mitotic commitment in fission yeast. <i>Biochemical Society Transactions</i> , 2013, 41, 1766-1771.	1.6	21
24	Mutation of a conserved residue enhances sensitivity of analogue sensitized kinases to generate a novel approach for mitotic studies in fission yeast. <i>Journal of Cell Science</i> , 2013, 126, 5052-61.	1.2	13
25	Centrosomal MPF triggers the mitotic and morphogenetic switches of fission yeast. <i>Nature Cell Biology</i> , 2013, 15, 88-95.	4.6	65
26	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.	4.6	39
27	The Renaissance or the cuckoo clock. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011, 366, 3625-3634.	1.8	19
28	Augmented Annotation of the <i>Schizosaccharomyces pombe</i> Genome Reveals Additional Genes Required for Growth and Viability. <i>Genetics</i> , 2011, 187, 1207-1217.	1.2	26
29	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.	2.3	54
30	Programmed fluctuations in sense/antisense transcript ratios drive sexual differentiation in <i>S. pombe</i> . <i>Molecular Systems Biology</i> , 2011, 7, 559.	3.2	41
31	Polo, Greatwall, and Protein Phosphatase PP2A Jostle for Pole Position. <i>PLoS Genetics</i> , 2011, 7, e1002213.	1.5	1
32	The <i>S. pombe</i> mitotic regulator Cut12 promotes spindle pole body activation and integration into the nuclear envelope. <i>Journal of Cell Biology</i> , 2009, 185, 875-888.	2.3	43
33	Stress-regulated kinase pathways in the recovery of tip growth and microtubule dynamics following osmotic stress in <i>S. pombe</i> . <i>Journal of Cell Science</i> , 2008, 121, 4055-4068.	1.2	30
34	The spindle pole body plays a key role in controlling mitotic commitment in the fission yeast <i>Schizosaccharomyces pombe</i> . <i>Biochemical Society Transactions</i> , 2008, 36, 1097-1101.	1.6	23
35	Suppression of the <i>Schizosaccharomyces pombe</i> Cut12.1 Cell-Cycle Defect by Mutations in <i>cdc25</i> and Genes Involved in Transcriptional and Translational Control. <i>Genetics</i> , 2007, 176, 73-83.	1.2	19
36	<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.	1.2	53

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37	<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.	2.7	53
38	Polo kinase links the stress pathway to cell cycle control and tip growth in fission yeast. <i>Nature</i> , 2005, 435, 507-512.	13.7	99
39	Multiple Reaction Monitoring to Identify Sites of Protein Phosphorylation with High Sensitivity. <i>Molecular and Cellular Proteomics</i> , 2005, 4, 1134-1144.	2.5	195
40	The Centrosomal Kinase Nek2 Displays Elevated Levels of Protein Expression in Human Breast Cancer. <i>Cancer Research</i> , 2004, 64, 7370-7376.	0.4	167
41	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.	2.7	92
42	The Mitotic Spindle and Genome Segregation. , 2004, , 207-223.		0
43	<i>S. pombe</i> Aurora Kinase/Survivin Is Required for Chromosome Condensation and the Spindle Checkpoint Attachment Response. <i>Current Biology</i> , 2003, 13, 590-597.	1.8	133
44	A 'marker switch' approach for targeted mutagenesis of genes in <i>Schizosaccharomyces pombe</i> . <i>Yeast</i> , 2003, 20, 587-594.	0.8	32
45	Physical and functional interactions between polo kinase and the spindle pole component Cut12 regulate mitotic commitment in <i>S. pombe</i> . <i>Genes and Development</i> , 2003, 17, 1507-1523.	2.7	54
46	A nuclear protein in <i>Schizosaccharomyces pombe</i> with homology to the human tumour suppressor Fhit has decapping activity. <i>Molecular Microbiology</i> , 2002, 46, 49-62.	1.2	29
47	<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.	3.5	63
48	pl ₁ ⁺ regulates gene transcription at the M-G1 interval during the fission yeast mitotic cell cycle. <i>EMBO Journal</i> , 2002, 21, 5745-5755.	3.5	36
49	The role of Pl ₁ kinase in mitotic commitment and septation in <i>Schizosaccharomyces pombe</i> . <i>EMBO Journal</i> , 2001, 20, 1259-1270.	3.5	134
50	The <i>S. pombe</i> aurora-related kinase Ark1 associates with mitotic structures in a stage dependent manner and is required for chromosome segregation. <i>Journal of Cell Science</i> , 2001, 114, 4371-4384.	1.2	129
51	MTOC formation during mitotic exit in fission yeast. <i>Journal of Cell Science</i> , 2001, 114, 4521-4532.	1.2	65
52	A New Genetic Method for Isolating Functionally Interacting Genes: High pl ₁ ⁺ -Dependent Mutants and Their Suppressors Define Genes in Mitotic and Septation Pathways in Fission Yeast. <i>Genetics</i> , 2000, 155, 1521-1534.	1.2	24
53	Pl ₁ Kinase Recruitment to the Spindle Pole Body and Its Role in Cell Division in <i>Schizosaccharomyces pombe</i> . <i>Molecular Biology of the Cell</i> , 1999, 10, 2771-2785.	0.9	136
54	The COP9/signalosome complex is conserved in fission yeast and has a role in S phase. <i>Current Biology</i> , 1999, 9, 1427-1433.	1.8	151

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55	The microtubule organizing centers of <i>Schizosaccharomyces pombe</i> . <i>Current Topics in Developmental Biology</i> , 1999, 49, 133-159.	1.0	29
56	Vectors for the expression of tagged proteins in <i>Schizosaccharomyces pombe</i> . <i>Gene</i> , 1998, 221, 59-68.	1.0	212
57	12 Immunological Approaches to the Study of Protein Localization in Yeast. <i>Methods in Microbiology</i> , 1998, , 201-221.	0.4	6
58	FH3, A Domain Found in Formins, Targets the Fission Yeast Formin Fus1 to the Projection Tip During Conjugation. <i>Journal of Cell Biology</i> , 1998, 141, 1217-1228.	2.3	156
59	Mal3, the Fission Yeast Homologue of the Human APC-interacting Protein EB-1 Is Required for Microtubule Integrity and the Maintenance of Cell Form. <i>Journal of Cell Biology</i> , 1997, 139, 717-728.	2.3	208
60	Forces acting on the fission yeast anaphase spindle. , 1996, 34, 69-75.		19
61	The chk1 pathway is required to prevent mitosis following cell-cycle arrest at $\hat{\sim}$ start $\hat{\sim}$. <i>Current Biology</i> , 1995, 5, 1179-1190.	1.8	55
62	The basics of immunofluorescence video-microscopy for mammalian and microbial systems. <i>Trends in Cell Biology</i> , 1995, 5, 328-332.	3.6	15
63	Completing the next phase of the cycle: Kyoto to Cambridge. <i>Trends in Cell Biology</i> , 1994, 4, 437-438.	3.6	0
64	Kinesin-related cut 7 protein associates with mitotic and meiotic spindles in fission yeast. <i>Nature</i> , 1992, 356, 74-76.	13.7	255
65	Novel potential mitotic motor protein encoded by the fission yeast cut7+ gene. <i>Nature</i> , 1990, 347, 563-566.	13.7	366
66	Intramitotic controls in the fission yeast <i>Schizosaccharomyces pombe</i> : the effect of cell size on spindle length and the timing of mitotic events.. <i>Journal of Cell Biology</i> , 1990, 110, 1617-1621.	2.3	46
67	Growth Polarity And Cytokinesis In Fission Yeast: The Role Of The Cytoskeleton. <i>Journal of Cell Science</i> , 1986, 1986, 229-241.	1.2	205