Mitsuhiro Yanagida

List of Publications by Year
in descending order

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80 papers	7,728 citations	81900 39 h-index	64796 79 g-index
82 all docs	82 docs citations	82 times ranked	5674 citing authors

#	Article	IF	Citations
1	Multiple nutritional phenotypes of fission yeast mutants defective in genes encoding essential mitochondrial proteins. Open Biology, 2021, 11, 200369.	3.6	2
2	Whole Blood Metabolomics in Aging Research. International Journal of Molecular Sciences, 2021, 22, 175.	4.1	30
3	Frailty markers comprise blood metabolites involved in antioxidation, cognition, and mobility. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 9483-9489.	7.1	95
4	Aging markers in human urine: A comprehensive, nonâ€targeted LCâ€MS study. FASEB BioAdvances, 2020, 2, 720-733.	2.4	11
5	Condensin locates at transcriptional termination sites in mitosis, possibly releasing mitotic transcripts. Open Biology, 2019, 9, 190125.	3.6	12
6	Diverse metabolic reactions activated during 58-hr fasting are revealed by non-targeted metabolomic analysis of human blood. Scientific Reports, 2019, 9, 854.	3.3	50
7	Negative Regulation of the Mis17-Mis6 Centromere Complex by mRNA Decay Pathway and EKC/KEOPS Complex in Schizosaccharomyces pombe. G3: Genes, Genomes, Genetics, 2019, 9, 1815-1823.	1.8	1
8	Coordinated Roles of the Putative Ceramide-Conjugation Protein, Cwh43, and a Mn2+-Transporting, P-Type ATPase, Pmr1, in Fission Yeast. G3: Genes, Genomes, Genetics, 2019, 9, 2667-2676.	1.8	4
9	Whole-Genome Sequencing of Suppressor DNA Mixtures Identifies Pathways That Compensate for Chromosome Segregation Defects inSchizosaccharomyces pombe. G3: Genes, Genomes, Genetics, 2018, 8, 1031-1038.	1.8	14
10	Genetic defects in SAPK signalling, chromatin regulation, vesicle transport and CoA-related lipid metabolism are rescued by rapamycin in fission yeast. Open Biology, 2018, 8, .	3.6	4
11	Fission yeast ceramide ts mutantscwh43exhibit defects in G0 quiescence, nutrient metabolism, and lipid homeostasis. Journal of Cell Science, 2018, 131, .	2.0	9
12	Genetic regulation of mitotic competence in G ₀ quiescent cells. Science Advances, 2018, 4, eaat5685.	10.3	23
13	<scp>ICRF</scp>â€193, an anticancer topoisomerase <scp>II</scp> inhibitor, induces arched telophase spindles that snap, leading to a ploidy increase in fission yeast. Genes To Cells, 2016, 21, 978-993.	1.2	7
14	Individual variability in human blood metabolites identifies age-related differences. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 4252-4259.	7.1	294
15	Mechanisms of expression and translocation of major fission yeast glucose transporters regulated by CaMKK/phosphatases, nuclear shuttling, and TOR. Molecular Biology of the Cell, 2015, 26, 373-386.	2.1	57
16	The critical glucose concentration for respiration-independent proliferation of fission yeast, Schizosaccharomyces pombe. Mitochondrion, 2015, 22, 91-95.	3.4	32
17	<scp>RNA</scp> pol <scp>II</scp> transcript abundance controls condensin accumulation at mitotically upâ€regulated and heatâ€shockâ€inducible genes in fission yeast. Genes To Cells, 2015, 20, 481-499.	1.2	38
18	Condensin HEAT Subunits Required for DNA Repair, Kinetochore/Centromere Function and Ploidy Maintenance in Fission Yeast. PLoS ONE, 2015, 10, e0119347.	2.5	10

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19	Schizosaccharomyces pombe centromere protein <scp>M</scp>is19 links <scp>M</scp>is16 and <scp>M</scp>is18 to recruit <scp>CENP</scp>â€A through interacting with <scp>NMD</scp> factors and the <scp>SWI</scp>/<scp>SNF</scp> complex. Genes To Cells, 2014, 19, 541-554.	1.2	36
20	Unexpected similarities between theSchizosaccharomycesand human blood metabolomes, and novel human metabolites. Molecular BioSystems, 2014, 10, 2538-2551.	2.9	49
21	Metabolomic Analysis of Fission Yeast at the Onset of Nitrogen Starvation. Metabolites, 2013, 3, 1118-1129.	2.9	30
22	Impaired coenzyme A synthesis in fission yeast causes defective mitosis, quiescence-exit failure, histone hypoacetylation and fragile DNA. Open Biology, 2012, 2, 120117.	3.6	32
23	Opposing role of condensin hinge against replication protein A in mitosis and interphase through promoting DNA annealing. Open Biology, 2011, 1, 110023.	3.6	46
24	Specific biomarkers for stochastic division patterns and starvationâ€induced quiescence under limited glucose levels in fission yeast. FEBS Journal, 2011, 278, 1299-1315.	4.7	64
25	Nutrient limitations alter cell division control and chromosome segregation through growth-related kinases and phosphatases. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 3508-3520.	4.0	54
26	Condensin phosphorylated by the Aurora-B-like kinase Ark1 is continuously required until telophase in a mode distinct from Top2. Journal of Cell Science, 2011, 124, 1795-1807.	2.0	53
27	Mis17 Is a Regulatory Module of the Mis6-Mal2-Sim4 Centromere Complex That Is Required for the Recruitment of CenH3/CENP-A in Fission Yeast. PLoS ONE, 2011, 6, e17761.	2.5	18
28	Synergistic roles of the proteasome and autophagy for mitochondrial maintenance and chronological lifespan in fission yeast. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 3540-3545.	7.1	78
29	Mapping epigenetic mutations in fission yeast using whole-genome next-generation sequencing. Genome Research, 2009, 19, 1077-1083.	5.5	44
30	Genetic control of cellular quiescence in S. pombe. Journal of Cell Science, 2009, 122, 1418-1429.	2.0	79
31	Cellular quiescence: are controlling genes conserved?. Trends in Cell Biology, 2009, 19, 705-715.	7.9	88
32	Schizosaccharomyces pombe cell division cycle under limited glucose requires Ssp1 kinase, the putative CaMKK, and Sds23, a PP2Aâ€related phosphatase inhibitor. Genes To Cells, 2009, 14, 539-554.	1.2	67
33	Metabolic profiling of the fission yeast S. pombe: quantification of compounds under different temperatures and genetic perturbation. Molecular BioSystems, 2009, 6, 182-198.	2.9	74
34	Cut1/separase-dependent roles of multiple phosphorylation of fission yeast cohesin subunit Rad21 in post-replicative damage repair and mitosis. Cell Cycle, 2008, 7, 765-776.	2.6	22
35	Dissection of the essential steps for condensin accumulation at kinetochores and rDNAs during fission yeast mitosis. Journal of Cell Biology, 2008, 180, 1115-1131.	5.2	72
36	Diminishing HDACs by drugs or mutations promotes normal or abnormal sister chromatid separation by affecting APC/C and adherin. Journal of Cell Science, 2008, 121, 1107-1118.	2.0	13

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37	Two-step, extensive alterations in the transcriptome from G0 arrest to cell division in Schizosaccharomyces pombe. Genes To Cells, 2007, 12, 677-692.	1.2	57
38	Fission Yeast MAP Kinase Is Required for the Increased Securin-Separase Interaction That Rescues Separase Mutants Under Stress. Cell Cycle, 2006, 5, 1831-1839.	2.6	28
39	Distinct modes of DNA damage response in S. pombe G0 and vegetative cells. Genes To Cells, 2005, 11, 13-27.	1.2	38
40	An interactive gene network for securin-separase, condensin, cohesin, Dis1/Mtc1 and histones constructed by mass transformation. Genes To Cells, 2004, 9, 1069-1082.	1.2	35
41	Mis16 and Mis18 Are Required for CENP-A Loading and Histone Deacetylation at Centromeres. Cell, 2004, 118, 715-729.	28.9	391
42	The role of Ppe1/PP6 phosphatase for equal chromosome segregation in fission yeast kinetochore. EMBO Journal, 2003, 22, 2752-2763.	7.8	36
43	A Cell Cycle-Regulated GATA Factor Promotes Centromeric Localization of CENP-A in Fission Yeast. Molecular Cell, 2003, 11, 175-187.	9.7	130
44	Human centromere chromatin protein hMis12, essential for equal segregation, is independent of CENP-A loading pathway. Journal of Cell Biology, 2003, 160, 25-39.	5.2	216
45	Condensin Architecture and Interaction with DNA. Current Biology, 2002, 12, 508-513.	3.9	139
46	Cnd2 has dual roles in mitotic condensation and interphase. Nature, 2002, 417, 197-202.	27.8	132
47	Bir1/Cut17 moving from chromosome to spindle upon the loss of cohesion is required for condensation, spindle elongation and repair. Genes To Cells, 2001, 6, 743-763.	1.2	87
48	Time course analysis of precocious separation of sister centromeres in budding yeast: continuously separated or frequently reassociated?. Genes To Cells, 2001, 6, 765-773.	1.2	21
49	A 38 kb segment containing thecdc2 gene from the left arm of fission yeast chromosome II: sequence analysis and characterization of the genomic DNA and cDNAs encoded on the segment. Yeast, 2000, 16, 71-80.	1.7	4
50	Mis3 with a conserved RNA binding motif is essential for ribosome biogenesis and implicated in the start of cell growth and S phase checkpoint. Genes To Cells, 2000, 5, 525-541.	1.2	14
51	Requirement of Mis6 Centromere Connector for Localizing a CENP-A-Like Protein in Fission Yeast. Science, 2000, 288, 2215-2219.	12.6	365
52	Involvement of CRM1, a nuclear export receptor, in mRNA export in mammalian cells and fission yeast. Genes To Cells, 1999, 4, 291-297.	1.2	40
53	Fission yeast APC/cyclosome subunits, Cut20/Apc4 and Cut23/Apc8, in regulating metaphase-anaphase progression and cellular stress responses. Genes To Cells, 1999, 4, 445-463.	1.2	37
54	Cloning of the Fatty Acid Synthetase Î² Subunit from Fission Yeast, Coexpression with the Î± Subunit, and Purification of the Intact Multifunctional Enzyme Complex. Protein Expression and Purification, 1998, 13, 403-413.	1.3	8

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55	Dynamics of Centromeres during Metaphaseâ€“Anaphase Transition in Fission Yeast: Dis1 Is Implicated in Force Balance in Metaphase Bipolar Spindle. Molecular Biology of the Cell, 1998, 9, 3211-3225.	2.1	291
56	Mis6, a Fission Yeast Inner Centromere Protein, Acts during G1/S and Forms Specialized Chromatin Required for Equal Segregation. Cell, 1997, 90, 131-143.	28.9	227
57	CRM1 is responsible for intracellular transport mediated by the nuclear export signal. Nature, 1997, 390, 308-311.	27.8	1,142
58	DNA renaturation activity of the SMC complex implicated in chromosome condensation. Nature, 1997, 388, 798-801.	27.8	132
59	A globular complex formation by Nda1 and the other five members of the MCM protein family in fission yeast. Genes To Cells, 1997, 2, 467-479.	1.2	126
60	A telomerase mutant defective in sister chromatid separation at mitosis. BioEssays, 1997, 19, 557-559.	2.5	2
61	Caffeine-resistance in fission yeast is caused by mutations in a single essential gene,crm1 +. Molecular Genetics and Genomics, 1996, 250, 59-68.	2.4	25
62	Dissection of fission yeast microtubule associating protein p93 Dis1 : regions implicated in regulated localization and microtubule interaction. Genes To Cells, 1996, 1, 633-644.	1.2	47
63	The regulatory subunits of fission yeast protein phosphatase 2A (PP2A) affect cell morphogenesis, cell wall synthesis and cytokinesis. Genes To Cells, 1996, 1, 29-45.	1.2	72
64	Cut2 proteolysis required for sister-chromatid separation in fission yeast. Nature, 1996, 381, 438-441.	27.8	466
65	20S cyclosome complex formation and proteolytic activity inhibited by the cAMP/PKA pathway. Nature, 1996, 384, 276-279.	27.8	156
66	Frontier questions about sister chromatid separation in anaphase. BioEssays, 1995, 17, 519-526.	2.5	52
67	A large circular minichromosome of Schizosaccharomyces pombe requires a high dose of type II DNA topoisomerase for its stabilization. Molecular Genetics and Genomics, 1995, 246, 671-679.	2.4	21
68	Coupling of DNA replication and mitosis by fission yeast rad4/cut5. Journal of Cell Science, 1994, 1994, 57-61.	2.0	21
69	Kinesin-related cut 7 protein associates with mitotic and meiotic spindles in fission yeast. Nature, 1992, 356, 74-76.	27.8	255
70	Protein Phosphatases and Cell Division Cycle Control. Novartis Foundation Symposium, 1992, 170, 130-146.	1.1	13
71	The grant-getting game in Japan. Nature, 1990, 343, 111-112.	27.8	3
72	Novel potential mitotic motor protein encoded by the fission yeast cut7+ gene. Nature, 1990, 347, 563-566.	27.8	366

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73	Universal and essential role of MPFcdc2+. Nature, 1988, 336, 430-430.	27.8	28
74	Isolation and characterization of Schizosaccharomyces pombe cut mutants that block nuclear division but not cytokinesis. EMBO Journal, 1986, 5, 2973-2979.	7.8	279
75	Construction of a mini-chromosome by deletion and its mitotic and meiotic behaviour in fission yeast. Molecular Genetics and Genomics, 1986, 203, 397-405.	2.4	105
76	The NDA3 gene of fission yeast encodes Î²-tubulin: A cold-sensitive nda3 mutation reversibly blocks spindle formation and chromosome movement in mitosis. Cell, 1984, 39, 349-358.	28.9	491
77	Mass isolation of polytene nuclei of Tokunagayusurika akamushi (Diptera, Chironomidae): Biochemical and morphological characterization.. Cell Structure and Function, 1982, 7, 49-59.	1.1	1
78	Cloning of a gene from the fission yeast S. pombe which complements E. coli pyrB, the gene for aspartate transcarbamylase. Molecular Genetics and Genomics, 1981, 182, 426-429.	2.4	10
79	POLYTENE CHROMOSOMES ISOLATED FROM NUCLEI OF TOKUNAGAYUSURIKA AKAMUSHI (DIPTERA,) Tj ETQq1 1 0.784314 rgBT /Over ENZYMES. Development Growth and Differentiation, 1980, 22, 1-10.	1.5	2
80	Infection-triggered release of tempocholine from bacteriophage T4 studied by electron spin resonance. FEBS Letters, 1978, 89, 29-32.	2.8	3