Akira Yamashita

List of Publications by Year
in descending order

52	1,921	236612	264894
papers	citations	25 h-index	42 g-index

53	53	53	1584
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Selective elimination of messenger RNA prevents an incidence of untimely meiosis. Nature, 2006, 442, 45-50.	13.7	289
2	The Roles of Fission Yeast Ase1 in Mitotic Cell Division, Meiotic Nuclear Oscillation, and Cytokinesis Checkpoint Signaling. Molecular Biology of the Cell, 2005, 16, 1378-1395.	0.9	145
3	RNA-Assisted Nuclear Transport of the Meiotic Regulator Mei2p in Fission Yeast. Cell, 1998, 95, 115-123.	13.5	109
4	Importance of polyadenylation in the selective elimination of meiotic mRNAs in growing S. pombe cells. EMBO Journal, 2010, 29, 2173-2181.	3.5	107
5	Hexanucleotide motifs mediate recruitment of the RNA elimination machinery to silent meiotic genes. Open Biology, 2012, 2, 120014.	1.5	101
6	Caspase activation during apoptotic cell death induced by expanded polyglutamine in N2a cells. NeuroReport, 1999, 10, 2435-2438.	0.6	90
7	Mmi1 RNA surveillance machinery directs RNAi complex RITS to specific meiotic genes in fission yeast. EMBO Journal, 2012, 31, 2296-2308.	3.5	79
8	Fission yeast Mes1p ensures the onset of meiosis II by blocking degradation of cyclin Cdc13p. Nature, 2005, 434, 529-533.	13.7	76
9	Psk1, an AGC kinase family member in fission yeast, is directly phosphorylated and controlled by TORC1 and functions as S6 kinase. Journal of Cell Science, 2012, 125, 5840-5849.	1.2	64
10	The Fission Yeast Meiotic Regulator Mei2p Forms a Dot Structure in the Horse-Tail Nucleus in Association with thesme2Locus on Chromosome II. Molecular Biology of the Cell, 2003, 14, 2461-2469.	0.9	63
11	Meiotic long non-coding meiRNA accumulates as a dot at its genetic locus facilitated by Mmi1 and plays as a decoy to lure Mmi1. Open Biology, 2014, 4, 140022.	1.5	54
12	The long non-coding RNA world in yeasts. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2016, 1859, 147-154.	0.9	52
13	Hrs1p/Mcp6p on the Meiotic SPB Organizes Astral Microtubule Arrays for Oscillatory Nuclear Movement. Current Biology, 2005, 15, 1479-1486.	1.8	48
14	Selective termination of lnc <scp>RNA</scp> transcription promotes heterochromatin silencing and cell differentiation. EMBO Journal, 2017, 36, 2626-2641.	3.5	45
15	Fission Yeast Num1p Is a Cortical Factor Anchoring Dynein and Is Essential for the Horse-Tail Nuclear Movement During Meiotic Prophase. Genetics, 2006, 173, 1187-1196.	1.2	44
16	TORC1-Dependent Phosphorylation Targets in Fission Yeast. Biomolecules, 2017, 7, 50.	1.8	42
17	Role of Ccr4-Not complex in heterochromatin formation at meiotic genes and subtelomeres in fission yeast. Epigenetics and Chromatin, 2015, 8, 28.	1.8	41
18	The p150-Glued Ssm4p regulates microtubular dynamics and nuclear movement in fission yeast. Journal of Cell Science, 2004, 117, 5543-5556.	1.2	40

#	Article	IF	Citations
19	A novel factor Iss10 regulates Mmi1-mediated selective elimination of meiotic transcripts. Nucleic Acids Research, 2013, 41, 9680-9687.	6.5	38
20	The Fission Yeast Stress-Responsive MAPK Pathway Promotes Meiosis via the Phosphorylation of Pol II CTD in Response to Environmental and Feedback Cues. PLoS Genetics, 2011, 7, e1002387.	1.5	34
21	YTH-RNA-binding protein prevents deleterious expression of meiotic proteins by tethering their mRNAs to nuclear foci. ELife, 2018, 7, .	2.8	32
22	Pob1 Ensures Cylindrical Cell Shape by Coupling Two Distinct Rho Signaling Events During Secretory Vesicle Targeting. Traffic, 2011, 12, 726-739.	1.3	30
23	S. pombe TOR complex 1 activates the ubiquitin-proteasomal degradation of the meiotic regulator Mei2 in cooperation with Pat1 kinase. Journal of Cell Science, 2014, 127, 2639-46.	1.2	29
24	Microtubule-associated coiled-coil protein Ssm4 is involved in the meiotic development in fission yeast. Genes To Cells, 1997, 2, 155-166.	0.5	28
25	The fission yeast meiotic regulator Mei2p undergoes nucleocytoplasmic shuttling. FEBS Letters, 2001, 499, 251-255.	1.3	28
26	<scp>tRNA</scp> production links nutrient conditions to the onset of sexual differentiation through the <scp>TORC</scp> 1 pathway. EMBO Reports, 2018, 19, .	2.0	28
27	Dense Transposon Integration Reveals Essential Cleavage and Polyadenylation Factors Promote Heterochromatin Formation. Cell Reports, 2020, 30, 2686-2698.e8.	2.9	23
28	Meiotic gene silencing complex MTREC/NURS recruits the nuclear exosome to YTH-RNA-binding protein Mmi1. PLoS Genetics, 2020, 16, e1008598.	1.5	23
29	Analysis ofSchizosaccharomyces pombeMeiosis. Cold Spring Harbor Protocols, 2017, 2017, pdb.top079855.	0.2	19
30	Cuf2 boosts the transcription of APC/C activator Fzr1 to terminate the meiotic division cycle. EMBO Reports, 2013, 14, 553-560.	2.0	15
31	Dynactin and Num1 cooperate to establish the cortical anchoring of cytoplasmic dynein in S. pombe. Journal of Cell Science, 2015, 128, 1555-67.	1.2	14
32	Magnesium depletion extends fission yeast lifespan via general amino acid control activation. MicrobiologyOpen, 2021, 10, e1176.	1.2	13
33	Novel Links between TORC1 and Traditional Non-Coding RNA, tRNA. Genes, 2020, 11, 956.	1.0	12
34	Contribution of dynein light intermediate and intermediate chains to subcellular localization of the dyneinâ€“dynactin motor complex in Schizosaccharomyces pombe. Genes To Cells, 2010, 15, 359-372.	0.5	10
35	Insights into normothermic treatment with direct irradiation of atmospheric pressure plasma for biological applications. Japanese Journal of Applied Physics, 2021, 60, 010502.	0.8	10
36	meiRNA, A Polyvalent Player in Fission Yeast Meiosis. Non-coding RNA, 2019, 5, 45.	1.3	9

#	Article	IF	Citations
37	Proper Microtubule Structure Is Vital for Timely Progression through Meiosis in Fission Yeast. PLoS ONE, 2013, 8, e65082.	1.1	7
38	The RNAâ€binding protein Spo5 promotes meiosis II by regulating cyclin Cdc13 in fission yeast. Genes To Cells, 2014, 19, 225-238.	0.5	6
39	Controlling feeding gas temperature of plasma jet with Peltier device for experiments with fission yeast. Japanese Journal of Applied Physics, 2019, 58, SEEG03.	0.8	6
40	Synchronous Induction of Meiosis in the Fission Yeast Schizosaccharomyces pombe. Cold Spring Harbor Protocols, 2017, 2017, pdb.prot091777.	0.2	5
41	Functional significance of nuclear export and mRNA binding of meiotic regulator Spo5 in fission yeast. BMC Microbiology, 2014, 14, 188.	1.3	4
42	Cdc13 (cyclin B) is degraded by autophagy under sulfur depletion in fission yeast. , 2022, 1, 51-64.		4
43	Cold Atmospheric Plasma Modification of Amyloid Î². International Journal of Molecular Sciences, 2021, 22, 3116.	1.8	3
44	Meiotic pairing by nonâ€coding RNA?. EMBO Reports, 2012, 13, 766-766.	2.0	1
45	A Simple Method to Induce Meiosis and Sporulation Semisynchronously in the Fission Yeast Schizosaccharomyces pombe. Cold Spring Harbor Protocols, 2017, 2017, pdb.prot091785.	0.2	1
46	Live Imaging of Chromosome Segregation during Meiosis in the Fission Yeast Schizosaccharomyces pombe. Cold Spring Harbor Protocols, 2017, 2017, pdb.prot091769.	0.2	0
47	Title is missing!. , 2020, 16, e1008598.		0
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