

Akira Matsuura

List of Publications by Year in descending order

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62
papers

8,234
citations

172457

29
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133252

59
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62
all docs

62
docs citations

62
times ranked

16856
citing authors

#	ARTICLE	IF	CITATIONS
1	Disruption of actin dynamics induces autophagy of the eukaryotic chaperonin TRiC/CCT. <i>Cell Death Discovery</i> , 2022, 8, 37.	4.7	2
2	Inokosterone from <i>Gentiana rigescens</i> Franch Extends the Longevity of Yeast and Mammalian Cells via Antioxidative Stress and Mitophagy Induction. <i>Antioxidants</i> , 2022, 11, 214.	5.1	5
3	Genomic profile of radiation-induced early-onset mouse B-cell lymphoma recapitulates features of Philadelphia chromosome-like acute lymphoblastic leukemia in humans. <i>Carcinogenesis</i> , 2022, 43, 693-703.	2.8	2
4	Haploinsufficiency of the sex-determining genes at MAT $\hat{1}\pm$ restricts genome expansion in <i>Saccharomyces cerevisiae</i> . <i>IScience</i> , 2022, 25, 104783.	4.1	2
5	Ehretiquinone from <i>Onosma bracteatum</i> Wall Exhibits Antiaging Effect on Yeasts and Mammals through Antioxidative Stress and Autophagy Induction. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-15.	4.0	7
6	Labeling and measuring stressed mitochondria using a PINK1-based ratiometric fluorescent sensor. <i>Journal of Biological Chemistry</i> , 2021, 297, 101279.	3.4	1
7	Protocol for quantification of the lysosomal degradation of extracellular proteins into mammalian cells. <i>STAR Protocols</i> , 2021, 2, 100975.	1.2	2
8	Early induction and increased risk of precursor B-cell neoplasms after exposure of infant or young-adult mice to ionizing radiation. <i>Journal of Radiation Research</i> , 2020, 61, 648-656.	1.6	3
9	Heparan sulfate is a clearance receptor for aberrant extracellular proteins. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	37
10	Gentiopicroside, a Secoiridoid Glycoside from <i>Gentiana rigescens</i> Franch, Extends the Lifespan of Yeast via Inducing Mitophagy and Antioxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-12.	4.0	11
11	Identification of a factor controlling lysosomal homeostasis using a novel lysosomal trafficking probe. <i>Scientific Reports</i> , 2019, 9, 11635.	3.3	23
12	Cucurbitacin B Exerts Antiaging Effects in Yeast by Regulating Autophagy and Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-15.	4.0	30
13	TORC1, Tel1/Mec1, and Mpk1 regulate autophagy induction after DNA damage in budding yeast. <i>Cellular Signalling</i> , 2019, 62, 109344.	3.6	9
14	Phosphatase-dependent fluctuations in DNA-damage checkpoint activation at partially defective telomeres. <i>Biochemical and Biophysical Research Communications</i> , 2019, 516, 133-137.	2.1	0
15	Reversible DNA damage checkpoint activation at the presenescent stage in telomerase-deficient cells of <i>Saccharomyces cerevisiae</i> . <i>Genes To Cells</i> , 2019, 24, 546-558.	1.2	1
16	A nuclear membrane-derived structure associated with Atg8 is involved in the sequestration of selective cargo, the Cvt complex, during autophagosome formation in yeast. <i>Autophagy</i> , 2019, 15, 423-437.	9.1	9
17	Forced lipophagy reveals that lipid droplets are required for early embryonic development in mouse. <i>Development (Cambridge)</i> , 2018, 145, .	2.5	64
18	Use of CK-548 and CK-869 as Arp2/3 complex inhibitors directly suppresses microtubule assembly both in vitro and in vivo. <i>Biochemical and Biophysical Research Communications</i> , 2018, 496, 834-839.	2.1	5

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19	Vacuole-mediated selective regulation of TORC1-Sch9 signaling following oxidative stress. <i>Molecular Biology of the Cell</i> , 2018, 29, 510-522.	2.1	24
20	A substrate localization model for the selective regulation of TORC1 downstream pathways. <i>Communicative and Integrative Biology</i> , 2018, 11, 1-4.	1.4	1
21	Peroxisome biogenesis: a novel inducible PEX19 splicing variant is involved in early stages of peroxisome proliferation. <i>Journal of Biochemistry</i> , 2017, 161, 297-308.	1.7	1
22	Dissection of ubiquitinated protein degradation by basal autophagy. <i>FEBS Letters</i> , 2017, 591, 1199-1211.	2.8	11
23	é...µæ~ç°èfžã®â¢—æ®—ãf»è€âCE—ããÿ1âœ°æ^â^†â€”â^¶é™è!â>ãã—ã†ã®âÿ1âœ°pH. <i>Kagaku To Seibutsu</i> , 2017, 55p730-731.		
24	Parishin from <i>Gastrodia elata</i> Extends the Lifespan of Yeast via Regulation of Sir2/Uth1/TOR Signaling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-11.	4.0	33
25	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
26	Dynamic relocation of the TORC1â€“Gtr1/2â€“Ego1/2/3 complex is regulated by Gtr1 and Gtr2. <i>Molecular Biology of the Cell</i> , 2016, 27, 382-396.	2.1	59
27	Availability of Amino Acids Extends Chronological Lifespan by Suppressing Hyper-Acidification of the Environment in <i>Saccharomyces cerevisiae</i> . <i>PLoS ONE</i> , 2016, 11, e0151894.	2.5	27
28	The Role of Autophagy in Genome Stability through Suppression of Abnormal Mitosis under Starvation. <i>PLoS Genetics</i> , 2013, 9, e1003245.	3.5	62
29	A Steroidal Saponin from <i>Ophiopogon japonicus</i> Extends the Lifespan of Yeast via the Pathway Involved in SOD and UTH1. <i>International Journal of Molecular Sciences</i> , 2013, 14, 4461-4475.	4.1	24
30	A novel interplay between the Fanconi anemia core complex and ATR-ATRIP kinase during DNA cross-link repair. <i>Nucleic Acids Research</i> , 2013, 41, 6930-6941.	14.5	50
31	Anti-Aging Effects of Hesperidin on <i>Saccharomyces cerevisiae</i> via Inhibition of Reactive Oxygen Species and UTH1 Gene Expression. <i>Bioscience, Biotechnology and Biochemistry</i> , 2012, 76, 640-645.	1.3	37
32	Ganodermasides C and D, Two New Anti-Aging Ergosterols from Spores of the Medicinal Mushroom <i>Ganoderma lucidum</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2011, 75, 800-803.	1.3	45
33	Tetrahydrocurcumin extends life span and inhibits the oxidative stress response by regulating the FOXO forkhead transcription factor. <i>Aging</i> , 2011, 3, 1098-1109.	3.1	54
34	Ganodermasides A and B, two novel anti-aging ergosterols from spores of a medicinal mushroom <i>Ganoderma lucidum</i> on yeast via UTH1 gene. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 999-1002.	3.0	76
35	Cell Size Regulation during Telomere-Directed Senescence in <i>Saccharomyces cerevisiae</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2010, 74, 195-198.	1.3	7
36	The Yeast Tor Signaling Pathway Is Involved in G2/M Transition via Polo-Kinase. <i>PLoS ONE</i> , 2008, 3, e2223.	2.5	60

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37	Dimerization of the ATRIP Protein through the Coiled-Coil Motif and Its Implication to the Maintenance of Stalled Replication Forks. <i>Molecular Biology of the Cell</i> , 2005, 16, 5551-5562.	2.1	35
38	Late S Phase-Specific Recruitment of Mre11 Complex Triggers Hierarchical Assembly of Telomere Replication Proteins in <i>Saccharomyces cerevisiae</i> . <i>Molecular Cell</i> , 2005, 17, 573-583.	9.7	81
39	ATR-dependent phosphorylation of ATRIP in response to genotoxic stress. <i>Biochemical and Biophysical Research Communications</i> , 2004, 323, 1197-1202.	2.1	28
40	Reciprocal Association of the Budding Yeast ATM-Related Proteins Tel1 and Mec1 with Telomeres In Vivo. <i>Molecular Cell</i> , 2004, 14, 515-522.	9.7	82
41	Amino-terminal domain of ATRIP contributes to intranuclear relocation of the ATR-ATRIP complex following DNA damage. <i>FEBS Letters</i> , 2004, 577, 289-293.	2.8	22
42	Progressive rearrangement of telomeric sequences added to both the ITR ends of the yeast linear pGKL plasmid. <i>Biological Procedures Online</i> , 2003, 5, 29-42.	2.9	3
43	Loss of p27Kip1 accelerates DNA replication after partial hepatectomy in mice. <i>Journal of Surgical Research</i> , 2003, 111, 196-202.	1.6	23
44	A Novel Mitochondrial Carnitine-acylcarnitine Translocase Induced by Partial Hepatectomy and Fasting. <i>Journal of Biological Chemistry</i> , 2003, 278, 38796-38802.	3.4	37
45	A novel allele of fission yeast rad11 that causes defects in DNA repair and telomere length regulation. <i>Nucleic Acids Research</i> , 2003, 31, 7141-7149.	14.5	38
46	Competition between the Rad50 Complex and the Ku Heterodimer Reveals a Role for Exo1 in Processing Double-Strand Breaks but Not Telomeres. <i>Molecular and Cellular Biology</i> , 2003, 23, 5186-5197.	2.3	131
47	Fission yeast Rhp51 is required for the maintenance of telomere structure in the absence of the Ku heterodimer. <i>Nucleic Acids Research</i> , 2003, 31, 5054-5063.	14.5	19
48	Apg10p, a novel protein-conjugating enzyme essential for autophagy in yeast. <i>EMBO Journal</i> , 1999, 18, 5234-5241.	7.8	266
49	<i>Schizosaccharomyces pombe</i> stt3+ is a functional homologue of <i>Saccharomyces cerevisiae</i> STT3 which regulates oligosaccharyltransferase activity. <i>Yeast</i> , 1999, 15, 497-505.	1.7	5
50	Genetic Control of Telomere Integrity in <i>Schizosaccharomyces pombe</i> : rad3+ and tel1+ Are Parts of Two Regulatory Networks Independent of the Downstream Protein Kinases chk1+ and cds1+. <i>Genetics</i> , 1999, 152, 1501-1512.	2.9	63
51	Circular chromosome formation in a fission yeast mutant defective in two ATM homologues. <i>Nature Genetics</i> , 1998, 20, 203-206.	21.4	231
52	Yâ€²-Help1, a DNA Helicase Encoded by the Yeast Subtelomeric Yâ€² Element, Is Induced in Survivors Defective for Telomerase. <i>Journal of Biological Chemistry</i> , 1998, 273, 33360-33366.	3.4	86
53	Acidification of Vacuoles Is Required for Autophagic Degradation in the Yeast, <i>Saccharomyces cerevisiae</i> . <i>Journal of Biochemistry</i> , 1997, 121, 338-344.	1.7	120
54	TLP1: A Gene Encoding a Protein Component of Mammalian Telomerase Is a Novel Member of WD Repeats Family. <i>Cell</i> , 1997, 88, 875-884.	28.9	367

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55	Analyses of APG13 gene involved in autophagy in yeast, <i>Saccharomyces cerevisiae</i> . <i>Gene</i> , 1997, 192, 207-213.	2.2	154
56	Apg1p, a novel protein kinase required for the autophagic process in <i>Saccharomyces cerevisiae</i> . <i>Gene</i> , 1997, 192, 245-250.	2.2	456
57	Structural and functional analyses of APG5 a gene involved in autophagy in yeast. <i>Gene</i> , 1996, 178, 139-143.	2.2	104
58	Novel System for Monitoring Autophagy in the Yeast <i>Saccharomyces cerevisiae</i> . <i>Biochemical and Biophysical Research Communications</i> , 1995, 210, 126-132.	2.1	324
59	Genetic interaction between the Ras-CAMP pathway and the Dis2s1/Glc7 protein phosphatase in <i>Saccharomyces cerevisiae</i> . <i>Molecular Genetics and Genomics</i> , 1994, 242, 257-262.	2.4	11
60	Characterization of the <i>cyr1-2</i> UGA mutation in <i>Saccharomyces cerevisiae</i> . <i>Molecular Genetics and Genomics</i> , 1993, 237, 463-466.	2.4	7
61	Characterization of the MKS1 gene, a new negative regulator of the Ras-cyclic AMP pathway in <i>Saccharomyces cerevisiae</i> . <i>Molecular Genetics and Genomics</i> , 1993, 238-238, 6-16.	2.4	56
62	Control of Telomeric DNA Replication: Genetics, Molecular Biology, and Physiology. , 0, , .		0