

Kazunori Kume

List of Publications by Year in descending order

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35
papers

746
citations

566801

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26
g-index

36
all docs

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docs citations

36
times ranked

909
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Ethanol on Cell Growth of Budding Yeast: Genes That Are Important for Cell Growth in the Presence of Ethanol. <i>Bioscience, Biotechnology and Biochemistry</i> , 2004, 68, 968-972.	0.6	140
2	Fission yeast MO25 protein is localized at SPB and septum and is essential for cell morphogenesis. <i>EMBO Journal</i> , 2005, 24, 3012-3025.	3.5	62
3	Nuclear membrane protein Lem2 regulates nuclear size through membrane flow. <i>Nature Communications</i> , 2019, 10, 1871.	5.8	60
4	A systematic genomic screen implicates nucleocytoplasmic transport and membrane growth in nuclear size control. <i>PLoS Genetics</i> , 2017, 13, e1006767.	1.5	52
5	The mitosis-to-interphase transition is coordinated by cross talk between the SIN and MOR pathways in <i>Schizosaccharomyces pombe</i> . <i>Journal of Cell Biology</i> , 2010, 190, 793-805.	2.3	43
6	Calcineurin ensures a link between the DNA replication checkpoint and microtubule-dependent polarized growth. <i>Nature Cell Biology</i> , 2011, 13, 234-242.	4.6	35
7	Stimulating S-adenosyl-methionine synthesis extends lifespan via activation of AMPK. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 11913-11918.	3.3	35
8	A microtubule polymerase cooperates with the kinesin-6 motor and a microtubule cross-linker to promote bipolar spindle assembly in the absence of kinesin-5 and kinesin-14 in fission yeast. <i>Molecular Biology of the Cell</i> , 2017, 28, 3647-3659.	0.9	30
9	Mal3, the fission yeast EB1 homologue, cooperates with Bub1 spindle checkpoint to prevent monopolar attachment. <i>EMBO Reports</i> , 2005, 6, 1194-1200.	2.0	27
10	The V260I Mutation in Fission Yeast \pm -Tubulin Atb2 Affects Microtubule Dynamics and EB1-Mal3 Localization and Activates the Bub1 Branch of the Spindle Checkpoint. <i>Molecular Biology of the Cell</i> , 2006, 17, 1421-1435.	0.9	25
11	Search for Kinases Related to Transition of Growth Polarity in Fission Yeast. <i>Bioscience, Biotechnology and Biochemistry</i> , 2010, 74, 1129-1133.	0.6	24
12	Sake Lees Fermented with Lactic Acid Bacteria Prevents Allergic Rhinitis-Like Symptoms and IgE-Mediated Basophil Degranulation. <i>Bioscience, Biotechnology and Biochemistry</i> , 2011, 75, 140-144.	0.6	23
13	Ras/cAMP-dependent Protein Kinase (PKA) Regulates Multiple Aspects of Cellular Events by Phosphorylating the Whi3 Cell Cycle Regulator in Budding Yeast. <i>Journal of Biological Chemistry</i> , 2013, 288, 10558-10566.	1.6	23
14	Isolation of a spontaneous cerulenin-resistant sake yeast with both high ethyl caproate-producing ability and normal checkpoint integrity. <i>Bioscience, Biotechnology and Biochemistry</i> , 2015, 79, 1191-1199.	0.6	19
15	Spatial control of translation repression and polarized growth by conserved NDR kinase Orb6 and RNA-binding protein Sts5. <i>ELife</i> , 2016, 5, .	2.8	19
16	Polishing Properties of Sake Rice <i>Koshitanrei</i> for High-Quality Sake Brewing. <i>Bioscience, Biotechnology and Biochemistry</i> , 2013, 77, 2160-2165.	0.6	17
17	Identification of a mutation causing a defective spindle assembly checkpoint in high ethyl caproate-producing sake yeast strain K1801. <i>Bioscience, Biotechnology and Biochemistry</i> , 2016, 80, 1657-1662.	0.6	17
18	Identification of mutants with increased variation in cell size at onset of mitosis in fission yeast. <i>Journal of Cell Science</i> , 2021, 134, .	1.2	12

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19	Isolation of a Non-Urea-Producing Sake Yeast Strain Carrying a Discriminable Molecular Marker. <i>Bioscience, Biotechnology and Biochemistry</i> , 2013, 77, 2505-2509.	0.6	10
20	Fission Yeast Leucine-Rich Repeat Protein Lrp1 Is Essential for Cell Morphogenesis as a Component of the Morphogenesis Orb6 Network (MOR). <i>Bioscience, Biotechnology and Biochemistry</i> , 2013, 77, 1086-1091.	0.6	9
21	Casein Kinase 1 ^β Ensures Monopolar Growth Polarity under Incomplete DNA Replication Downstream of Cds1 and Calcineurin in Fission Yeast. <i>Molecular and Cellular Biology</i> , 2015, 35, 1533-1542.	1.1	9
22	Fission Yeast Germinal Center (GC) Kinase Ppk11 Interacts with Pmo25 and Plays an Auxiliary Role in Concert with the Morphogenesis Orb6 Network (MOR) in Cell Morphogenesis. <i>Journal of Biological Chemistry</i> , 2010, 285, 35196-35205.	1.6	8
23	Implication of Ca ²⁺ in the Regulation of Replicative Life Span of Budding Yeast. <i>Journal of Biological Chemistry</i> , 2011, 286, 28681-28687.	1.6	7
24	Identification of three signaling molecules required for calcineurin-dependent monopolar growth induced by the DNA replication checkpoint in fission yeast. <i>Biochemical and Biophysical Research Communications</i> , 2017, 491, 883-889.	1.0	7
25	A Method for Pmo25-Associated Kinase Assay in Fission Yeast: The Activity Is Dependent on Two GC Kinases Nak1 and Sid1. <i>Bioscience, Biotechnology and Biochemistry</i> , 2007, 71, 615-617.	0.6	5
26	Late-maturing cooking rice <i>Sensuraku</i> has excellent properties, equivalent to sake rice, for high-quality sake brewing. <i>Bioscience, Biotechnology and Biochemistry</i> , 2014, 78, 1954-1962.	0.6	5
27	Casein kinase 1 ^β acts as a molecular switch for cell polarization through phosphorylation of the polarity factor <i>T_{ea1}</i> in fission yeast. <i>Genes To Cells</i> , 2015, 20, 1046-1058.	0.5	4
28	The essential function of Rrs1 in ribosome biogenesis is conserved in budding and fission yeasts. <i>Yeast</i> , 2015, 32, 607-614.	0.8	4
29	<i>SKO1</i> deficiency extends chronological lifespan in <i>Saccharomyces cerevisiae</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2019, 83, 1473-1476.	0.6	4
30	Evidence of Antagonistic Regulation of Restart from G ₁ Delay in Response to Osmotic Stress by the Hog1 and Whi3 in Budding Yeast. <i>Bioscience, Biotechnology and Biochemistry</i> , 2013, 77, 2002-2007.	0.6	2
31	Screening for a gene deletion mutant whose temperature sensitivity is suppressed by FK506 in budding yeast and its application for a positive screening for drugs inhibiting calcineurin. <i>Bioscience, Biotechnology and Biochemistry</i> , 2015, 79, 790-794.	0.6	2
32	Elutriation for Cell Cycle Synchronization in Fission Yeast. <i>Methods in Molecular Biology</i> , 2016, 1342, 149-155.	0.4	2
33	Role of nucleocytoplasmic transport in interphase microtubule organization in fission yeast. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 1160-1167.	1.0	2
34	A Method for Rapid Identification of the Sake Yeast with High Ethyl Caproate-producing Ability. <i>Journal of the Brewing Society of Japan</i> , 2015, 110, 820-826.	0.1	1
35	Control of cellular organization and its coordination with the cell cycle. <i>Bioscience, Biotechnology and Biochemistry</i> , 2020, 84, 869-875.	0.6	1