

Kazunori Kume

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

746
citations

566801

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552369

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36
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docs citations

36
times ranked

909
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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 |
| 2 | Control of cellular organization and its coordination with the cell cycle. <i>Bioscience, Biotechnology and Biochemistry</i> , 2020, 84, 869-875. | 0.6 | 1 |
| 3 | <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 |
| 4 | Nuclear membrane protein Lem2 regulates nuclear size through membrane flow. <i>Nature Communications</i> , 2019, 10, 1871. | 5.8 | 60 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | A systematic genomic screen implicates nucleocytoplasmic transport and membrane growth in nuclear size control. <i>PLoS Genetics</i> , 2017, 13, e1006767. | 1.5 | 52 |
| 9 | Stimulating <i>S</i> -adenosyl- <i>met</i> 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 |
| 10 | 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 |
| 11 | Elutriation for Cell Cycle Synchronization in Fission Yeast. <i>Methods in Molecular Biology</i> , 2016, 1342, 149-155. | 0.4 | 2 |
| 12 | 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 |
| 13 | Casein kinase 1^{β} acts as a molecular switch for cell polarization through phosphorylation of the polarity factor <i>Tca1</i> in fission yeast. <i>Genes To Cells</i> , 2015, 20, 1046-1058. | 0.5 | 4 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Late-maturing cooking rice <i>Sensyuraku</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 |
| 20 | 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 |
| 21 | 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 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | 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 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |
| 30 | 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 |
| 31 | 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 |
| 32 | 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 |
| 33 | 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 |
| 34 | 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 |
| 35 | 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 |