Yoshikazu Ohya

List of Publications by Year
in descending order

188	10,403	32410 55	46524 93
papers	citations	h-index	g-index

197	197	197	8917
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Intelligent sortâ€timing prediction for imageâ€activated cell sorting. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2023, 103, 88-97.	1.1	2
2	Jerveratrum-Type Steroidal Alkaloids Inhibit Î²-1,6-Glucan Biosynthesis in Fungal Cell Walls. Microbiology Spectrum, 2022, 10, e0087321.	1.2	9
3	High-throughput platform for yeast morphological profiling predicts the targets of bioactive compounds. Npj Systems Biology and Applications, 2022, 8, 3.	1.4	5
4	Deep imaging flow cytometry. Lab on A Chip, 2022, 22, 876-889.	3.1	22
5	Assignment of unimodal probability distribution models for quantitative morphological phenotyping. BMC Biology, 2022, 20, 81.	1.7	3
6	Sâ€adenosylâ€Lâ€homocysteine extends lifespan through methionine restriction effects. Aging Cell, 2022, 21, e13604.	3.0	12
7	The kinetic landscape and interplay of protein networks in cytokinesis. IScience, 2021, 24, 101917.	1.9	17
8	Are droplets really suitable for single-cell analysis? A case study on yeast in droplets. Lab on A Chip, 2021, 21, 3793-3803.	3.1	9
9	Genome Editing to Generate Sake Yeast Strains with Eight Mutations That Confer Excellent Brewing Characteristics. Cells, 2021, 10, 1299.	1.8	17
10	Poacic acid, a Î²â€1,3â€glucanâ€“binding antifungal agent, inhibits cellâ€wall remodeling and activates transcriptional responses regulated by the cellâ€wall integrity and highâ€osmolarity glycerol pathways in yeast. FASEB Journal, 2021, 35, e21778.	0.2	9
11	Defining Functions of Mannoproteins in Saccharomyces cerevisiae by High-Dimensional Morphological Phenotyping. Journal of Fungi (Basel, Switzerland), 2021, 7, 769.	1.5	6
12	AI-based forecasting of ethanol fermentation using yeast morphological data. Bioscience, Biotechnology and Biochemistry, 2021, 86, 125-134.	0.6	10
13	Intelligent image-activated cell sorting 2.0. Lab on A Chip, 2020, 20, 2263-2273.	3.1	93
14	Sequentially addressable dielectrophoretic array for high-throughput sorting of large-volume biological compartments. Science Advances, 2020, 6, eaba6712.	4.7	56
15	Virtual-freezing fluorescence imaging flow cytometry. Nature Communications, 2020, 11, 1162.	5.8	93
16	Callose Synthesis Suppresses Cell Death Induced by Low-Calcium Conditions in Leaves. Plant Physiology, 2020, 182, 2199-2212.	2.3	16
17	Genetic profiling of protein burden and nuclear export overload. ELife, 2020, 9, .	2.8	8
18	Implications of maintenance of motherâ€“bud neck size in diverse vital processes of Saccharomyces cerevisiae. Current Genetics, 2019, 65, 253-267.	0.8	7

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19	Single-Cell Phenomics in Budding Yeast: Technologies and Applications. , 2019, , 355-379.		1
20	Cucurbitacin B Exerts Antiaging Effects in Yeast by Regulating Autophagy and Oxidative Stress. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-15.	1.9	30
21	History, lineage and phenotypic differentiation of sake yeast. Bioscience, Biotechnology and Biochemistry, 2019, 83, 1442-1448.	0.6	24
22	Genome editing to generate nonfoam-forming sake yeast strains. Bioscience, Biotechnology and Biochemistry, 2019, 83, 1583-1593.	0.6	16
23	Simulated microgravity triggers characteristic morphology and stress response in <scp>Saccharomyces cerevisiae</scp>. Yeast, 2019, 36, 85-97.	0.8	4
24	Carotenoid dynamics and lipid droplet containing astaxanthin in response to light in the green alga Haematococcus pluvialis. Scientific Reports, 2018, 8, 5617.	1.6	57
25	Global study of holistic morphological effectors in the budding yeast Saccharomyces cerevisiae. BMC Genomics, 2018, 19, 149.	1.2	20
26	Yeast species-specific, differential inhibition of Î²-1,3-glucan synthesis by poacic acid and caspofungin. Cell Surface, 2018, 3, 12-25.	1.5	30
27	High-dimensional single-cell phenotyping reveals extensive haploinsufficiency. PLoS Biology, 2018, 16, e2005130.	2.6	32
28	Predicting bioprocess targets of chemical compounds through integration of chemical-genetic and genetic interactions. PLoS Computational Biology, 2018, 14, e1006532.	1.5	13
29	Genetic and chemical perturbation of 1,3-Î²-glucan synthesis to compromise yeast cell wall integrity. Plant Morphology, 2018, 30, 59-64.	0.1	0
30	Genetic dissection of the signaling pathway required for the cell wall integrity checkpoint. Journal of Cell Science, 2018, 131, .	1.2	6
31	The budding yeast RSC complex maintains ploidy by promoting spindle pole body insertion. Journal of Cell Biology, 2018, 217, 2445-2462.	2.3	9
32	Recent discoveries on the structure and function of organelles in the budding yeast. Plant Morphology, 2018, 30, 1-2.	0.1	0
33	Current Status and Challenges of Three-Dimensional Modeling and Printing of Tissues and Organs. Tissue Engineering - Part A, 2017, 23, 471-473.	1.6	11
34	The Dual Activity Responsible for the Elongation and Branching of Î²-(1,3)-Glucan in the Fungal Cell Wall. MBio, 2017, 8, .	1.8	84
35	Systematic analysis of Ca²⁺homeostasis inSaccharomyces cerevisiaebased on chemical-genetic interaction profiles. Molecular Biology of the Cell, 2017, 28, 3415-3427.	0.9	10
36	Testing the neutral hypothesis of phenotypic evolution. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 12219-12224.	3.3	38

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37	Morphometric analysis of autophagy-related structures inSaccharomyces cerevisiae. Autophagy, 2017, 13, 2104-2110.	4.3	4
38	Functional annotation of chemical libraries across diverse biological processes. Nature Chemical Biology, 2017, 13, 982-993.	3.9	76
39	Promoter engineering of the Saccharomyces cerevisiae RIM15 gene for improvement of alcoholic fermentation rates under stress conditions. Journal of Bioscience and Bioengineering, 2017, 123, 183-189.	1.1	17
40	Phenotypic Diagnosis of Lineage and Differentiation During Sake Yeast Breeding. G3: Genes, Genomes, Genetics, 2017, 7, 2807-2820.	0.8	25
41	Atg4 plays an important role in efficient expansion of autophagic isolation membranes by cleaving lipidated Atg8 in Saccharomyces cerevisiae. PLoS ONE, 2017, 12, e0181047.	1.1	36
42	Prediction of intracellular target with morphological profiling. Japanese Journal of Pesticide Science, 2017, 42, 91-98.	0.0	0
43	Exploiting Single-Cell Quantitative Data to Map Genetic Variants Having Probabilistic Effects. PLoS Genetics, 2016, 12, e1006213.	1.5	11
44	Large-Scale Survey of Intraspecific Fitness and Cell Morphology Variation in a Protoploid Yeast Species. G3: Genes, Genomes, Genetics, 2016, 6, 1063-1071.	0.8	6
45	A global genetic interaction network maps a wiring diagram of cellular function. Science, 2016, 353, .	6.0	979
46	Fluorescent Labeling of Yeast Cell Wall Components. Cold Spring Harbor Protocols, 2016, 2016, pdb.prot085241.	0.2	18
47	Identification of a mutation causing a defective spindle assembly checkpoint in high ethyl caproate-producing sake yeast strain K1801. Bioscience, Biotechnology and Biochemistry, 2016, 80, 1657-1662.	0.6	17
48	Zds1/Zds2â€“PP2ACdc55 complex specifies signaling output from Rho1 GTPase. Journal of Cell Biology, 2016, 212, 51-61.	2.3	15
49	The Late S-Phase Transcription Factor Hcm1 Is Regulated through Phosphorylation by the Cell Wall Integrity Checkpoint. Molecular and Cellular Biology, 2016, 36, 941-953.	1.1	11
50	Inhibitory Role of Greatwall-Like Protein Kinase Rim15p in Alcoholic Fermentation via Upregulating the UDP-Glucose Synthesis Pathway in Saccharomyces cerevisiae. Applied and Environmental Microbiology, 2016, 82, 340-351.	1.4	28
51	Casein Kinase 1Î³ Ensures Monopolar Growth Polarity under Incomplete DNA Replication Downstream of Cds1 and Calcineurin in Fission Yeast. Molecular and Cellular Biology, 2015, 35, 1533-1542.	1.1	9
52	Plant-derived antifungal agent poacic acid targets Î²-1,3-glucan. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E1490-7.	3.3	91
53	Profiling of the effects of antifungal agents on yeast cells based on morphometric analysis. FEMS Yeast Research, 2015, 15, fov040.	1.1	25
54	Isolation of a spontaneous cerulenin-resistant sake yeast with both high ethyl caproate-producing ability and normal checkpoint integrity. Bioscience, Biotechnology and Biochemistry, 2015, 79, 1191-1199.	0.6	19

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55	Quantification of Cell, Actin, and Nuclear DNA Morphology with High-Throughput Microscopy and CalMorph. Cold Spring Harbor Protocols, 2015, 2015, pdb.prot078667.	0.2	7
56	Single-cell phenomics in budding yeast. Molecular Biology of the Cell, 2015, 26, 3920-3925.	0.9	27
57	Image-Based Prediction of Drug Target in Yeast. Methods in Molecular Biology, 2015, 1263, 319-327.	0.4	2
58	Current Status of Multipotent Mesenchymal Stromal Cells. Tissue Engineering - Part B: Reviews, 2014, 20, 189-189.	2.5	4
59	Unveiling nonessential gene deletions that confer significant morphological phenotypes beyond natural yeast strains. BMC Genomics, 2014, 15, 932.	1.2	21
60	Vanillin causes the activation of Yap1 and mitochondrial fragmentation in Saccharomyces cerevisiae. Journal of Bioscience and Bioengineering, 2014, 117, 33-38.	1.1	45
61	Dynamic changes in brewing yeast cells in culture revealed by statistical analyses of yeast morphological data. Journal of Bioscience and Bioengineering, 2014, 117, 278-284.	1.1	11
62	Hyperspectral imaging techniques for the characterization of <scp>H</scp>aematococcus pluvialis (<scp>C</scp>hlorophyceae). Journal of Phycology, 2014, 50, 939-947.	1.0	14
63	Distinct roles of cell wall biogenesis in yeast morphogenesis as revealed by multivariate analysis of high-dimensional morphometric data. Molecular Biology of the Cell, 2014, 25, 222-233.	0.9	37
64	Single-cell phenomics reveals intra-species variation of phenotypic noise in yeast. BMC Systems Biology, 2013, 7, 54.	3.0	62
65	Profilin is required for Ca2+ homeostasis and Ca2+-modulated bud formation in yeast. Molecular Genetics and Genomics, 2013, 288, 317-328.	1.0	3
66	Organelle acidification is important for localisation of vacuolar proteins in Saccharomyces cerevisiae. Protoplasma, 2013, 250, 1283-1293.	1.0	6
67	Image-Based Monitoring System for Green Algal Haematococcus pluvialis (Chlorophyceae) Cells during Culture. Plant and Cell Physiology, 2013, 54, 1917-1929.	1.5	11
68	Vanillin Inhibits Translation and Induces Messenger Ribonucleoprotein (mRNP) Granule Formation in Saccharomyces cerevisiae: Application and Validation of High-Content, Image-Based Profiling. PLoS ONE, 2013, 8, e61748.	1.1	71
69	Analysis of the biological activity of a novel 24-membered macrolide JBIR-19 in Saccharomyces cerevisiae by the morphological imaging program CalMorph. FEMS Yeast Research, 2012, 12, 293-304.	1.1	23
70	What Can We Learn from the Yeast Cell Shape?. Journal of the Brewing Society of Japan, 2011, 106, 630-637.	0.1	0
71	Ethanol fermentation driven by elevated expression of the G1 cyclin gene CLN3 in sake yeast. Journal of Bioscience and Bioengineering, 2011, 112, 577-582.	1.1	20
72	The cell wall integrity checkpoint: coordination between cell wall synthesis and the cell cycle. Yeast, 2010, 27, 513-519.	0.8	23

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73	Knr4 Nâ€terminal domain controls its localization and function during sexual differentiation and vegetative growth. Yeast, 2010, 27, 563-574.	0.8	10
74	High-Content, Image-Based Screening for Drug Targets in Yeast. PLoS ONE, 2010, 5, e10177.	1.1	48
75	Role of bottom-fermenting brewer's yeast KEX2 in high temperature resistance and poor proliferation at low temperatures. Journal of General and Applied Microbiology, 2010, 56, 297-312.	0.4	20
76	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. Journal of Biological Chemistry, 2010, 285, 35196-35205.	1.6	8
77	Multiple Functional Domains of the Yeast l,3-Î²-Glucan Synthase Subunit Fks1p Revealed by Quantitative Phenotypic Analysis of Temperature-Sensitive Mutants. Genetics, 2010, 184, 1013-1024.	1.2	56
78	Comprehensive and quantitative analysis of yeast deletion mutants defective in apical and isotropic bud growth. Current Genetics, 2009, 55, 365-380.	0.8	50
79	A microfluidic device to acquire high-magnification microphotographs of yeast cells. Cell Division, 2009, 4, 5.	1.1	12
80	Novel 24-membered macrolides, JBIR-19 and -20 isolated from Metarhizium sp. fE61. Journal of Antibiotics, 2009, 62, 159-162.	1.0	18
81	Multidimensional quantification of subcellular morphology of Saccharomyces cerevisiae using CalMorph, the high-throughput image-processing program. Journal of Biotechnology, 2009, 141, 109-117.	1.9	31
82	Biosynthetic Enzymes for (1-3)-Î²-Glucans, (1-3;1-6)-Î²-Glucans from Yeasts. , 2009, , 259-282.		0
83	Transcription factors of M-phase cyclin CLB2 in the yeast cell wall integrity checkpoint. Genes and Genetic Systems, 2009, 84, 269-276.	0.2	3
84	G1/S Cyclin-dependent Kinase Regulates Small GTPase Rho1p through Phosphorylation of RhoGEF Tus1p inSaccharomyces cerevisiae. Molecular Biology of the Cell, 2008, 19, 1763-1771.	0.9	47
85	Genetic Complexity and Quantitative Trait Loci Mapping of Yeast Morphological Traits. PLoS Genetics, 2007, 3, e31.	1.5	92
86	Diversity of Ca2+-Induced Morphology Revealed by Morphological Phenotyping of Ca2+-Sensitive Mutants of Saccharomyces cerevisiae. Eukaryotic Cell, 2007, 6, 817-830.	3.4	24
87	Homologous Subunits of 1,3-Beta-Glucan Synthase Are Important for Spore Wall Assembly in Saccharomyces cerevisiae. Eukaryotic Cell, 2007, 6, 143-156.	3.4	60
88	Involvement of Rho-type GTPase in control of cell size inSaccharomyces cerevisiae. FEMS Yeast Research, 2007, 7, 569-578.	1.1	12
89	Conditional genomic rearrangement by designed meiotic recombination using VDE (PI-SceI) in yeast. Molecular Genetics and Genomics, 2007, 278, 467-478.	1.0	4
90	Polo-Like Kinase Cdc5 Controls the Local Activation of Rho1 to Promote Cytokinesis. Science, 2006, 313, 108-111.	6.0	139

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91	Exploring the Mode-of-Action of Bioactive Compounds by Chemical-Genetic Profiling in Yeast. Cell, 2006, 126, 611-625.	13.5	447
92	Evaluation of image processing programs for accurate measurement of budding and fission yeast morphology. Current Genetics, 2006, 49, 237-247.	0.8	11
93	Investigation of the Mechanism of Meiotic DNA Cleavage by VMA1 -Derived Endonuclease Uncovers a Meiotic Alteration in Chromatin Structure around the Target Site. Eukaryotic Cell, 2006, 5, 981-990.	3.4	3
94	Piperazine Propanol Derivative as a Novel Antifungal Targeting 1,3-.BETA.-D-Glucan Synthase. Biological and Pharmaceutical Bulletin, 2005, 28, 2138-2141.	0.6	30
95	Molecular Dissection of ARP1 Regions Required for Nuclear Migration and Cell Wall Integrity Checkpoint Functions in Saccharomyces cerevisiae. Cell Structure and Function, 2005, 30, 57-67.	0.5	11
96	High-dimensional and large-scale phenotyping of yeast mutants. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 19015-19020.	3.3	276
97	Involvement of actin and polarisome in morphological change during spore germination ofSaccharomyces cerevisiae. Yeast, 2005, 22, 129-139.	0.8	26
98	Mitochondria-specific RNA-modifying Enzymes Responsible for the Biosynthesis of the Wobble Base in Mitochondrial tRNAs. Journal of Biological Chemistry, 2005, 280, 1613-1624.	1.6	192
99	SCMD: Saccharomyces cerevisiae Morphological Database. Nucleic Acids Research, 2004, 32, 319D-322.	6.5	84
100	A Novel Mechanism of Intragenic Complementation between Phe to Ala Calmodulin Mutations. Journal of Biochemistry, 2004, 135, 289-295.	0.9	1
101	Dynactin is involved in a checkpoint to monitor cell wall synthesis in Saccharomyces cerevisiae. Nature Cell Biology, 2004, 6, 861-871.	4.6	43
102	Cell shape and growth of budding yeast cells in restrictive microenvironments. Yeast, 2004, 21, 983-989.	0.8	14
103	DEVELOPMENT OF IMAGE PROCESSING PROGRAM FOR YEAST CELL MORPHOLOGY. Journal of Bioinformatics and Computational Biology, 2004, 01, 695-709.	0.3	57
104	Molecular mechanism of VDE-initiated intein homing in yeast nuclear genome. Advances in Biophysics, 2004, 38, 215-32.	0.6	0
105	VDE-initiated intein homing in Saccharomyces cerevisiae proceeds in a meiotic recombination-like manner. Genes To Cells, 2003, 8, 587-602.	0.5	23
106	Occurrence, horizontal transfer and degeneration ofVDE intein family in Saccharomycete yeasts. Yeast, 2003, 20, 563-573.	0.8	42
107	Overexpression of S-adenosylmethionine decarboxylase (SAMDC) in Xeno-pus embryos activates maternal program of apoptosis as a â€œfail-safeâ€•mechanism of early embryogenesis. Cell Research, 2003, 13, 147-158.	5.7	10
108	Karyopherin-Mediated Nuclear Import of the Homing Endonuclease VMA1 -Derived Endonuclease Is Required for Self-Propagation of the Coding Region. Molecular and Cellular Biology, 2003, 23, 1726-1736.	1.1	18

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109	Lack of GTP-bound Rho1p in secretory vesicles of Saccharomyces cerevisiae. Journal of Cell Biology, 2003, 162, 85-97.	2.3	62
110	Protein-splicing Reaction via a Thiazolidine Intermediate: Crystal Structure of the VMA1-derived Endonuclease Bearing the N and C-terminal Propeptides. Journal of Molecular Biology, 2002, 316, 919-929.	2.0	72
111	Movement of yeast 1,3-Î²-glucan synthase is essential for uniform cell wall synthesis. Genes To Cells, 2002, 7, 1-9.	0.5	82
112	Mutations in Fks1p affect the cell wall content of ?-1,3- and ?-1,6-glucan inSaccharomyces cerevisiae. Yeast, 2002, 19, 671-690.	0.8	73
113	Homing at an extragenic locus mediated by VDE (PI-SceI) inSaccharomyces cerevisiae. Yeast, 2002, 19, 773-782.	0.8	23
114	Dissection of Upstream Regulatory Components of the Rho1p Effector, 1,3-Î²-Glucan Synthase, inSaccharomyces cerevisiae. Genetics, 2002, 162, 663-676.	1.2	112
115	A mutation in SPC42, which encodes a component of the spindle pole body, results in production of two-spored asci in Saccharomyces cerevisiae. Molecular Genetics and Genomics, 2001, 265, 585-595.	1.0	9
116	Yeast Lrg1p acts as a specialized RhoGAP regulating 1,3-?-glucan synthesis. Yeast, 2001, 18, 943-951.	0.8	69
117	A role for the Pkc1p/Mpk1p kinase cascade in the morphogenesis checkpoint. Nature Cell Biology, 2001, 3, 417-420.	4.6	133
118	Complementing Yeast rho1 Mutation Groups with Distinct Functional Defects. Journal of Biological Chemistry, 2001, 276, 46165-46171.	1.6	39
119	Yeast 1,3-Î²-Glucan Synthase Activity Is Inhibited by Phytosphingosine Localized to the Endoplasmic Reticulum. Journal of Biological Chemistry, 2001, 276, 26923-26930.	1.6	30
120	Appearance of Poor-fermenting Variants in Brewing Yeast Culture. Bioscience, Biotechnology and Biochemistry, 2001, 65, 2361-2363.	0.6	6
121	A Fluorescent Indicator for Detecting Proteinâ^'Protein Interactions in Vivo Based on Protein Splicing. Analytical Chemistry, 2000, 72, 5151-5157.	3.2	134
122	Prenylation of Rho1p Is Required for Activation of Yeast 1,3-Î²-Glucan Synthase. Journal of Biological Chemistry, 1999, 274, 38119-38124.	1.6	45
123	An FH domain-containing Bnr1p is a multifunctional protein interacting with a variety of cytoskeletal proteins in Saccharomyces cerevisiae. Oncogene, 1999, 18, 7046-7054.	2.6	48
124	The Rho1 effector Pkc1, but not Bni1, mediates signalling from Tor2 to the actin cytoskeleton. Current Biology, 1998, 8, 1211-S2.	1.8	148
125	Amino Acid Residues That Define Both the Isoprenoid and CAAX Preferences of the Saccharomyces cerevisiae Protein Farnesyltransferase. Journal of Biological Chemistry, 1998, 273, 9472-9479.	1.6	14
126	Importance of Phenylalanine Residues of Yeast Calmodulin for Target Binding and Activation. Journal of Biological Chemistry, 1998, 273, 26375-26382.	1.6	25

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127	Phosphatidylinositol-4-phosphate 5-Kinase Localized on the Plasma Membrane Is Essential for Yeast Cell Morphogenesis. Journal of Biological Chemistry, 1998, 273, 15779-15786.	1.6	164
128	Identification of Functional Connections Between Calmodulin and the Yeast Actin Cytoskeleton. Genetics, 1998, 150, 43-58.	1.2	21
129	Identification of Three Core Regions Essential for Protein Splicing of the Yeast Vma1 Protozyme. Journal of Biological Chemistry, 1997, 272, 15668-15674.	1.6	70
130	Cloning of the RHO1 gene from Candida albicans and its regulation of beta-1,3-glucan synthesis. Journal of Bacteriology, 1997, 179, 7734-7741.	1.0	86
131	Protein splicing in the yeast Vma1 protozyme: evidence for an intramolecular reaction. FEBS Letters, 1997, 412, 518-520.	1.3	18
132	Molecular cloning and characterization of Drosophila genes encoding small GTPases of the rab and rho families. Molecular Genetics and Genomics, 1997, 254, 486-494.	2.4	33
133	Applications of the Long and Accurate Polymerase Chain Reaction Method in Yeast Molecular Biology: Direct Sequencing of the Amplified DNA and Its Introduction into Yeast. Yeast, 1997, 13, 763-768.	0.8	22
134	Probing Novel Elements for Protein Splicing in the Yeast Vmal Protozyme: A Study of Replacement Mutagenesis and Intragenic Suppression. Genetics, 1997, 147, 73-85.	1.2	36
135	Yeast Cls2p/Csg2p localized on the endoplasmic reticulum membrane regulates a non-exchangeable intracellular Ca2+pool cooperatively with calcineurin. FEBS Letters, 1996, 379, 38-42.	1.3	36
136	Folding-Dependentin VitroProtein Splicing of theSaccharomyces cerevisiae VMA1Protozyme. Biochemical and Biophysical Research Communications, 1996, 222, 827-832.	1.0	26
137	Identification of Yeast Rho1p GTPase as a Regulatory Subunit of 1,3-beta -Glucan Synthase. Science, 1996, 272, 279-281.	6.0	449
138	Signaling toward Yeast 1,3-.BETA.-glucan Synthesis.. Cell Structure and Function, 1996, 21, 395-402.	0.5	30
139	Bni1p implicated in cytoskeletal control is a putative target of Rho1p small GTP binding protein in Saccharomyces cerevisiae.. EMBO Journal, 1996, 15, 6060-6068.	3.5	254
140	LA-PCR-Based Quick Method for the Identification of Genes Responsible for the Complementation ofSaccharomyces cerevisiae Mutations. BioTechniques, 1996, 20, 772-778.	0.8	2
141	ROM7/BEM4 Encodes a Novel Protein That Interacts with the Rho1p Small GTP-Binding Protein in Saccharomyces cerevisiae. Molecular and Cellular Biology, 1996, 16, 4396-4403.	1.1	42
142	Activation of Yeast Protein Kinase C by Rho1 GTPase. Journal of Biological Chemistry, 1996, 271, 9193-9196.	1.6	275
143	Bni1p implicated in cytoskeletal control is a putative target of Rho1p small GTP binding protein in Saccharomyces cerevisiae. EMBO Journal, 1996, 15, 6060-8.	3.5	127
144	Augmentation by calmodulin of ADP-ribosylation factor-stimulated phospholipase D activity in permeabilized rabbit peritoneal neutrophils. Journal of Immunology, 1996, 156, 1229-34.	0.4	18

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145	Mutational analysis of the beta-subunit of yeast geranylgeranyl transferase I. Molecular Genetics and Genomics, 1996, 252, 1-10.	2.4	5
146	Calmodulin-dependent protein kinase II and calmodulin are required for induced thermotolerance in Saccharomyces cerevisiae. Current Genetics, 1995, 27, 190-193.	0.8	20
147	The CLS2 gene encodes a protein with multiple membrane-spanning domains that is important Ca2+ tolerance in yeast. Molecular Genetics and Genomics, 1995, 246, 269-281.	2.4	34
148	Overproduction of Cdc24p (Cls4p), a guanine nucleotide-exchange factor toward Cdc42 GTPase, impairs initiation of budding inSaccharomyces cerevisiae. Protoplasma, 1995, 189, 142-148.	1.0	3
149	Cloning and Nucleotide Sequence of the Calmodulin-Encoding Gene (cmdA) fromAspergillus oryzae. Bioscience, Biotechnology and Biochemistry, 1995, 59, 1444-1449.	0.6	19
150	Cooperation of Calcineurin and Vacuolar H+-ATPase in Intracellular Ca2+Homeostasis of Yeast Cells. Journal of Biological Chemistry, 1995, 270, 10113-10119.	1.6	82
151	STT10, a novel class-D VPS yeast gene required for osmotic integrity related to the PKC1/STT1 protein kinase pathway. Gene, 1995, 160, 117-122.	1.0	18
152	STT3, a novel essential gene related to the PKC1/STT1 protein kinase pathway, is involved in protein glycosylation in yeast. Gene, 1995, 164, 167-172.	1.0	34
153	Cu/Zn superoxide dismutase-like immunoreactivity is present in Lewy bodies from Parkinson disease: a light and electron microscopic immunocytochemical study. Acta Neuropathologica, 1995, 89, 471-474.	3.9	5
154	Diverse essential functions revealed by complementing yeast calmodulin mutants. Science, 1994, 263, 963-966.	6.0	154
155	Genetic interactions among genes involved in the STT4-PKC1 pathway of Saccharomyces cerevisiae. Molecular Genetics and Genomics, 1994, 242, 631-640.	2.4	92
156	Conditional lethality of a yeast strain expressing human RHOA in place of RHO1.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 9317-9321.	3.3	48
157	Structure-based systematic isolation of conditional-lethal mutations in the single yeast calmodulin gene.. Genetics, 1994, 138, 1041-1054.	1.2	47
158	A novel gene, STT4, encodes a phosphatidylinositol 4-kinase in the PKC1 protein kinase pathway of Saccharomyces cerevisiae. Journal of Biological Chemistry, 1994, 269, 1166-72.	1.6	158
159	Suppression of yeast geranylgeranyl transferase I defect by alternative prenylation of two target GTPases, Rho1p and Cdc42p.. Molecular Biology of the Cell, 1993, 4, 1017-1025.	0.9	74
160	VMA12 is essential for assembly of the vacuolar H(+)-ATPase subunits onto the vacuolar membrane in Saccharomyces cerevisiae.. Journal of Biological Chemistry, 1993, 268, 961-967.	1.6	67
161	Genetic Evidence for In Vivo Cross-Specificity of the CaaX-Box Protein Prenyltransferases Farnesyltransferase and Geranylgeranyltransferase-I in Saccharomyces cerevisiae. Molecular and Cellular Biology, 1993, 13, 4260-4275.	1.1	65
162	VMA13 encodes a 54-kDa vacuolar H(+)-ATPase subunit required for activity but not assembly of the enzyme complex in Saccharomyces cerevisiae. Journal of Biological Chemistry, 1993, 268, 18286-92.	1.6	128

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163	VMA12 is essential for assembly of the vacuolar H(+)-ATPase subunits onto the vacuolar membrane in Saccharomyces cerevisiae. Journal of Biological Chemistry, 1993, 268, 961-7.	1.6	63
164	Mutations in yeast calmodulin cause defects in spindle pole body functions and nuclear integrity.. Journal of Cell Biology, 1992, 119, 1625-1639.	2.3	95
165	RHO gene products, putative small GTP-binding proteins, are importnat for activation of theCAL1/CDC43 gene product, a protein geranylgeranyltransferase inSaccharomyces cerevisiae. Yeast, 1992, 8, 735-741.	0.8	61
166	Genetic and cell biological aspects of the yeast vacuolar H+-ATPase. Journal of Bioenergetics and Biomembranes, 1992, 24, 395-405.	1.0	71
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