Jeremy Thorner

List of Publications by Year
in descending order

182 papers	25,918 citations	7551 77 h-index	6454 157 g-index
186 all docs	186 docs citations	186 times ranked	23485 citing authors

#	Article	IF	Citations
1	Phosphorylation of mRNA-Binding Proteins Puf1 and Puf2 by TORC2-Activated Protein Kinase Ypk1 Alleviates Their Repressive Effects. Membranes, 2021, 11, 500.	1.4	3
2	Cdc42-Specific GTPase-Activating Protein Rga1 Squelches Crosstalk between the High-Osmolarity Glycerol (HOG) and Mating Pheromone Response MAPK Pathways. Biomolecules, 2021, 11, 1530.	1.8	6
3	Reconstructed evolutionary history of the yeast septins Cdc11 and Shs1. G3: Genes, Genomes, Genetics, 2021, 11, 1-19.	0.8	1
4	TORC2-Dependent Ypk1-Mediated Phosphorylation of Lam2/Ltc4 Disrupts Its Association with the Î²-Propeller Protein Laf1 at Endoplasmic Reticulum-Plasma Membrane Contact Sites in the Yeast Saccharomyces cerevisiae. Biomolecules, 2020, 10, 1598.	1.8	8
5	Editorial overview â€˜Network news: Reporting from the frontlines of cell signalingâ€™. Current Opinion in Cell Biology, 2020, 63, iii-v.	2.6	0
6	Turning it inside out: The organization of human septin heterooligomers. Cytoskeleton, 2019, 76, 449-456.	1.0	21
7	Cover Image, Volume 76, Issue 1. Cytoskeleton, 2019, 76, C4-C4.	1.0	0
8	Regulation of TORC2 function and localization by Rab5 GTPases in Saccharomyces cerevisiae. Cell Cycle, 2019, 18, 1084-1094.	1.3	6
9	Analysis of the roles of phosphatidylinositol-4,5-<i>bis</i>phosphate and individual subunits in assembly, localization, and function of<i>Saccharomyces cerevisiae</i>target of rapamycin complex 2. Molecular Biology of the Cell, 2019, 30, 1555-1574.	0.9	13
10	Rab5 GTPases are required for optimal TORC2 function. Journal of Cell Biology, 2019, 218, 961-976.	2.3	13
11	Septinâ€associated proteins Aim44 and Nis1 traffic between the bud neck and the nucleus in the yeast Saccharomyces cerevisiae. Cytoskeleton, 2019, 76, 15-32.	1.0	7
12	Regulation of plasma membrane homeostasis: Dissecting TORC2 signaling. FASEB Journal, 2019, 33, 87.1.	0.2	0
13	Phosphorylation by the stress-activated MAPK Slt2 down-regulates the yeast TOR complex 2. Genes and Development, 2018, 32, 1576-1590.	2.7	20
14	Tracking yeast pheromone receptor Ste2 endocytosis using fluorogen-activating protein tagging. Molecular Biology of the Cell, 2018, 29, 2720-2736.	0.9	10
15	TOR complex 2â€“regulated protein kinase Ypk1 controls sterol distribution by inhibiting StARkin domainâ€“containing proteins located at plasma membraneâ€“endoplasmic reticulum contact sites. Molecular Biology of the Cell, 2018, 29, 2128-2136.	0.9	28
16	TOR Complex 2-Regulated Protein Kinase Fpk1 Stimulates Endocytosis via Inhibition of Ark1/Prk1-Related Protein Kinase Akl1 in <i>Saccharomyces cerevisiae</i>. Molecular and Cellular Biology, 2017, 37, .	1.1	34
17	The Stress-Sensing TORC2 Complex Activates Yeast AGC-Family Protein Kinase Ypk1 at Multiple Novel Sites. Genetics, 2017, 207, 179-195.	1.2	30
18	The TORC2â€Dependent Signaling Network in the Yeast Saccharomyces cerevisiae. Biomolecules, 2017, 7, 66.	1.8	56

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19	Septin-Associated Protein Kinases in the Yeast Saccharomyces cerevisiae. Frontiers in Cell and Developmental Biology, 2016, 4, 119.	1.8	16
20	Heterotrimeric G Protein-coupled Receptor Signaling in Yeast Mating Pheromone Response. Journal of Biological Chemistry, 2016, 291, 7788-7795.	1.6	101
21	mCAL: A New Approach for Versatile Multiplex Action of Cas9 Using One sgRNA and Loci Flanked by a Programmed Target Sequence. G3: Genes, Genomes, Genetics, 2016, 6, 2147-2156.	0.8	23
22	A FRET-based method for monitoring septin polymerization and binding of septin-associated proteins. Methods in Cell Biology, 2016, 136, 35-56.	0.5	12
23	Detection of proteinâ€"protein interactions at the septin collar in<i>Saccharomyces cerevisiae</i>using a tripartite split-GFP system. Molecular Biology of the Cell, 2016, 27, 2708-2725.	0.9	39
24	Sphingolipid biosynthesis upregulation by TOR complex 2â€"Ypk1 signaling during yeast adaptive response to acetic acid stress. Biochemical Journal, 2016, 473, 4311-4325.	1.7	38
25	Internalization of Heterologous Sugar Transporters by Endogenous Î±-Arrestins in the Yeast Saccharomyces cerevisiae. Applied and Environmental Microbiology, 2016, 82, 7074-7085.	1.4	10
26	Effects of Bni5 Binding on Septin Filament Organization. Journal of Molecular Biology, 2016, 428, 4962-4980.	2.0	9
27	Coordinate action of distinct sequence elements localizes checkpoint kinase Hsl1 to the septin collar at the bud neck in<i>Saccharomyces cerevisiae</i>. Molecular Biology of the Cell, 2016, 27, 2213-2233.	0.9	19
28	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
29	Differential Phosphorylation Provides a Switch to Control How Î±-Arrestin Rod1 Down-regulates Mating Pheromone Response in <i>Saccharomyces cerevisiae</i>. Genetics, 2016, 203, 299-317.	1.2	35
30	Assembly, molecular organization, and membrane-binding properties of development-specific septins. Journal of Cell Biology, 2016, 212, 515-529.	2.3	24
31	Protein kinase Gin4 negatively regulates flippase function and controls plasma membrane asymmetry. Journal of Cell Biology, 2015, 208, 299-311.	2.3	36
32	2-Deoxyglucose Impairs <i>Saccharomyces cerevisiae</i> Growth by Stimulating Snf1-Regulated and Î±-Arrestin-Mediated Trafficking of Hexose Transporters 1 and 3. Molecular and Cellular Biology, 2015, 35, 939-955.	1.1	65
33	Cytosolic chaperones mediate quality control of higher-order septin assembly in budding yeast. Molecular Biology of the Cell, 2015, 26, 1323-1344.	0.9	31
34	Plasma membrane aminoglycerolipid flippase function is required for signaling competence in the yeast mating pheromone response pathway. Molecular Biology of the Cell, 2015, 26, 134-150.	0.9	18
35	A FÃ¶rster Resonance Energy Transfer (FRET)-based System Provides Insight into the Ordered Assembly of Yeast Septin Hetero-octamers. Journal of Biological Chemistry, 2015, 290, 28388-28401.	1.6	35
36	Alpha-arrestins participate in cargo selection for both clathrin-independent and clathrin-mediated endocytosis. Journal of Cell Science, 2015, 128, 4220-34.	1.2	36

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37	The Carboxy-Terminal Tails of Septins Cdc11 and Shs1 Recruit Myosin-II Binding Factor Bni5 to the Bud Neck in <i>Saccharomyces cerevisiae</i>. Genetics, 2015, 200, 843-862.	1.2	42
38	Comprehensive Genetic Analysis of Paralogous Terminal Septin Subunits Shs1 and Cdc11 in<i>Saccharomyces cerevisiae</i>. Genetics, 2015, 200, 821-841.	1.2	44
39	Complex in vivo Ligation Using Homologous Recombination and High-efficiency Plasmid Rescue from Saccharomyces cerevisiae. Bio-protocol, 2015, 5, .	0.2	23
40	Down-regulation of TORC2-Ypk1 signaling promotes MAPK-independent survival under hyperosmotic stress. ELife, 2015, 4, .	2.8	53
41	Protein kinase Gin4 negatively regulates flippase function and controls plasma membrane asymmetry. Journal of General Physiology, 2015, 145, 1453OIA6.	0.9	0
42	Signal Transduction: From the Atomic Age to the Post-Genomic Era. Cold Spring Harbor Perspectives in Biology, 2014, 6, a022913-a022913.	2.3	21
43	A FRET-Based Method for Measurement of Yeast Septin Filament Formation In Vitro. Biophysical Journal, 2014, 106, 55a.	0.2	0
44	Specific Î±-Arrestins Negatively Regulate <i>Saccharomyces cerevisiae</i> Pheromone Response by Down-Modulating the G-Protein-Coupled Receptor Ste2. Molecular and Cellular Biology, 2014, 34, 2660-2681.	1.1	87
45	TORC2-dependent protein kinase Ypk1 phosphorylates ceramide synthase to stimulate synthesis of complex sphingolipids. ELife, 2014, 3, .	2.8	144
46	A Calcineurin-dependent Switch Controls the Trafficking Function of Î±-Arrestin Aly1/Art6. Journal of Biological Chemistry, 2013, 288, 24063-24080.	1.6	57
47	Native cysteine residues are dispensable for the structure and function of all five yeast mitotic septins. Proteins: Structure, Function and Bioinformatics, 2013, 81, 1964-1979.	1.5	6
48	Sphingolipid biosynthesis and inflammatory signaling in asthma. FASEB Journal, 2013, 27, 1107.9.	0.2	0
49	Control of plasma membrane lipid asymetry at the bud neck: septinâ€bound protein kinase Gin4 locally controls flippase function. FASEB Journal, 2013, 27, 1041.3.	0.2	0
50	Reciprocal Phosphorylation of Yeast Glycerol-3-Phosphate Dehydrogenases in Adaptation to Distinct Types of Stress. Molecular and Cellular Biology, 2012, 32, 4705-4717.	1.1	99
51	Three-dimensional ultrastructure of the septin filament network inSaccharomyces cerevisiae. Molecular Biology of the Cell, 2012, 23, 423-432.	0.9	96
52	Membrane-protein binding measured with solution-phase plasmonic nanocube sensors. Nature Methods, 2012, 9, 1189-1191.	9.0	86
53	Septin Filament Formation Is Essential in Budding Yeast. Developmental Cell, 2011, 20, 540-549.	3.1	142
54	Genetic interactions with mutations affecting septin assembly reveal ESCRT functions in budding yeast cytokinesis. Biological Chemistry, 2011, 392, 699-712.	1.2	26

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55	Subunit-dependent modulation of septin assembly: Budding yeast septin Shs1 promotes ring and gauze formation. Journal of Cell Biology, 2011, 195, 993-1004.	2.3	155
56	Structure of a Ca2+-Myristoyl Switch Protein That Controls Activation of a Phosphatidylinositol 4-Kinase in Fission Yeast. Journal of Biological Chemistry, 2011, 286, 12565-12577.	1.6	49
57	Protein kinase Ypk1 phosphorylates regulatory proteins Orm1 and Orm2 to control sphingolipid homeostasis in <i>Saccharomyces cerevisiae</i>. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 19222-19227.	3.3	260
58	Pheromone-induced anisotropy in yeast plasma membrane phosphatidylinositol-4,5- <i>bis</i> phosphate distribution is required for MAPK signaling. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 11805-11810.	3.3	84
59	Single-Cell Analysis Reveals That Insulation Maintains Signaling Specificity Between Two Yeast MAPK Pathways with Common Components. Science Signaling, 2010, 3, ra75.	1.6	51
60	A protein kinase network regulates the function of aminophospholipid flippases. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 34-39.	3.3	158
61	Systematic Epistasis Analysis of the Contributions of Protein Kinase A- and Mitogen-Activated Protein Kinase-Dependent Signaling to Nutrient Limitation-Evoked Responses in the Yeast <i>Saccharomyces cerevisiae</i>. Genetics, 2010, 185, 855-870.	1.2	15
62	Dynamic Localization of Fus3 Mitogen-Activated Protein Kinase Is Necessary To Evoke Appropriate Responses and Avoid Cytotoxic Effects. Molecular and Cellular Biology, 2010, 30, 4293-4307.	1.1	18
63	Phosphatidylinositol-4,5-bisphosphate Promotes Budding Yeast Septin Filament Assembly and Organization. Journal of Molecular Biology, 2010, 404, 711-731.	2.0	212
64	Nucleus-Specific and Cell Cycle-Regulated Degradation of Mitogen-Activated Protein Kinase Scaffold Protein Ste5 Contributes to the Control of Signaling Competence. Molecular and Cellular Biology, 2009, 29, 582-601.	1.1	38
65	Reuse, replace, recycle: Specificity in subunit inheritance and assembly of higher-order septin structures during mitotic and meiotic division in budding yeast. Cell Cycle, 2009, 8, 195-203.	1.3	32
66	ABC Transporter Pdr10 Regulates the Membrane Microenvironment of Pdr12 in Saccharomyces cerevisiae. Journal of Membrane Biology, 2009, 229, 27-52.	1.0	41
67	Septins: molecular partitioning and the generation of cellular asymmetry. Cell Division, 2009, 4, 18.	1.1	114
68	Binding of PI4,5P2 by septin complexes is required for their essential function in cytokinesis in budding yeast. FASEB Journal, 2009, 23, 697.5.	0.2	1
69	Septin Stability and Recycling during Dynamic Structural Transitions in Cell Division and Development. Current Biology, 2008, 18, 1203-1208.	1.8	67
70	Stress resistance and signal fidelity independent of nuclear MAPK function. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 12212-12217.	3.3	146
71	The 2008 Novitski Prize. Genetics, 2008, 178, 1135-1136.	1.2	0
72	<i>Saccharomyces cerevisiae</i> septins: Supramolecular organization of heterooligomers and the mechanism of filament assembly. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 8274-8279.	3.3	268

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73	Structural Insights into Activation of Phosphatidylinositol 4-Kinase (Pik1) by Yeast Frequenin (Frq1). Journal of Biological Chemistry, 2007, 282, 30949-30959.	1.6	63
74	Membrane-active Compounds Activate the Transcription Factors Pdr1 and Pdr3 Connecting Pleiotropic Drug Resistance and Membrane Lipid Homeostasis in<i>Saccharomyces cerevisiae</i>. Molecular Biology of the Cell, 2007, 18, 4932-4944.	0.9	47
75	Synthesis and function of membrane phosphoinositides in budding yeast, Saccharomyces cerevisiae. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2007, 1771, 353-404.	1.2	258
76	An Adrenaline (and Gold?) Rush for the GPCR Community. ACS Chemical Biology, 2007, 2, 783-786.	1.6	4
77	Function and regulation in MAPK signaling pathways: Lessons learned from the yeast Saccharomyces cerevisiae. Biochimica Et Biophysica Acta - Molecular Cell Research, 2007, 1773, 1311-1340.	1.9	523
78	DEP-Domain-Mediated Regulation of GPCR Signaling Responses. Cell, 2006, 126, 1079-1093.	13.5	166
79	Activation of the DExD/H-box protein Dbp5 by the nuclear-pore protein Gle1 and its coactivator InsP6 is required for mRNA export. Nature Cell Biology, 2006, 8, 668-676.	4.6	254
80	Function of the MAPK scaffold protein, Ste5, requires a cryptic PH domain. Genes and Development, 2006, 20, 1946-1958.	2.7	54
81	Analysis of Mitogen-Activated Protein Kinase Signaling Specificity in Response to Hyperosmotic Stress: Use of an Analog-Sensitive HOG1 Allele. Eukaryotic Cell, 2006, 5, 1215-1228.	3.4	70
82	Direct Phosphorylation and Activation of a Nim1-related Kinase Gin4 by Elm1 in Budding Yeast. Journal of Biological Chemistry, 2006, 281, 27090-27098.	1.6	51
83	The RA Domain of Ste50 Adaptor Protein Is Required for Delivery of Ste11 to the Plasma Membrane in the Filamentous Growth Signaling Pathway of the Yeast Saccharomyces cerevisiae. Molecular and Cellular Biology, 2006, 26, 912-928.	1.1	82
84	Reconstitution of the mammalian PI3K/PTEN/Akt pathway in yeast. Biochemical Journal, 2005, 390, 613-623.	1.7	84
85	Some assembly required: yeast septins provide the instruction manual. Trends in Cell Biology, 2005, 15, 414-424.	3.6	186
86	Yeast phosphatidylinositol 4-kinase, Pik1, has essential roles at the Golgi and in the nucleus. Journal of Cell Biology, 2005, 171, 967-979.	2.3	119
87	Systems biology approaches in cell signaling research. Genome Biology, 2005, 6, 235.	13.9	9
88	Roles of Phosphoinositides and of Spo14p (phospholipase D)-generated Phosphatidic Acid during Yeast Sporulation. Molecular Biology of the Cell, 2004, 15, 207-218.	0.9	63
89	Septin collar formation in budding yeast requires GTP binding and direct phosphorylation by the PAK, Cla4. Journal of Cell Biology, 2004, 164, 701-715.	2.3	236
90	Differential roles of PDK1- and PDK2-phosphorylation sites in the yeast AGC kinases Ypk1, Pkc1 and Sch9. Microbiology (United Kingdom), 2004, 150, 3289-3304.	0.7	101

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91	Proteinâ€"Protein Interactions Governing Septin Heteropentamer Assembly and Septin Filament Organization in Saccharomyces cerevisiae. Molecular Biology of the Cell, 2004, 15, 4568-4583.	0.9	145
92	Coupling morphogenesis to mitotic entry. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 4124-4129.	3.3	116
93	When the Stress of Your Environment Makes You Go HOG Wild. Science, 2004, 306, 1511-1512.	6.0	128
94	The kindest cuts of all: crystal structures of Kex2 and furin reveal secrets of precursor processing. Trends in Biochemical Sciences, 2004, 29, 80-87.	3.7	75
95	Jekyll and Hyde in the Microbial World. Science, 2004, 306, 1509-1511.	6.0	26
96	Conservation of Regulatory Function in Calcium-binding Proteins. Journal of Biological Chemistry, 2003, 278, 49589-49599.	1.6	51
97	Molecular Interactions of Yeast Frequenin (Frq1) with the Phosphatidylinositol 4-Kinase Isoform, Pik1. Journal of Biological Chemistry, 2003, 278, 4862-4874.	1.6	45
98	Regulation of Ste7 Ubiquitination by Ste11 Phosphorylation and the Skp1-Cullin-F-box Complex. Journal of Biological Chemistry, 2003, 278, 22284-22289.	1.6	40
99	Pkh1 and Pkh2 Differentially Phosphorylate and Activate Ypk1 and Ykr2 and Define Protein Kinase Modules Required for Maintenance of Cell Wall Integrity. Molecular Biology of the Cell, 2002, 13, 3005-3028.	0.9	167
100	Direct and Novel Regulation of cAMP-dependent Protein Kinase by Mck1p, a Yeast Glycogen Synthase Kinase-3. Journal of Biological Chemistry, 2002, 277, 16814-16822.	1.6	25
101	Regulation of G Proteinâ€"Initiated Signal Transduction in Yeast: Paradigms and Principles. Annual Review of Biochemistry, 2001, 70, 703-754.	5.0	400
102	A Conserved Docking Site in MEKs Mediates High-affinity Binding to MAP Kinases and Cooperates with a Scaffold Protein to Enhance Signal Transmission. Journal of Biological Chemistry, 2001, 276, 10374-10386.	1.6	161
103	High Affinity Interaction of Yeast Transcriptional Regulator, Mot1, with TATA Box-binding Protein (TBP). Journal of Biological Chemistry, 2001, 276, 11883-11894.	1.6	30
104	Dynamic Localization of the Swe1 Regulator Hsl7 During the<i>Saccharomyces cerevisiae</i>Cell Cycle. Molecular Biology of the Cell, 2001, 12, 1645-1669.	0.9	78
105	Mutations in the <i>YRB1</i> Gene Encoding Yeast Ran-Binding-Protein-1 That Impair Nucleocytoplasmic Transport and Suppress Yeast Mating Defects. Genetics, 2001, 157, 1089-1105.	1.2	29
106	Purification and Enzymic Properties of Mot1 ATPase, a Regulator of Basal Transcription in the Yeast Saccharomyces cerevisiae. Journal of Biological Chemistry, 2000, 275, 21158-21168.	1.6	28
107	Random Mutagenesis and Functional Analysis of the Ran-binding Protein, RanBP1. Journal of Biological Chemistry, 2000, 275, 4081-4091.	1.6	20
108	Mutational Analysis Suggests That Activation of the Yeast Pheromone Response Mitogen-activated Protein Kinase Pathway Involves Conformational Changes in the Ste5 Scaffold Protein. Molecular Biology of the Cell, 2000, 11, 4033-4049.	0.9	56

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109	Structure and Calcium-Binding Properties of Frq1, a Novel Calcium Sensor in the Yeast Saccharomyces cerevisiae. Biochemistry, 2000, 39, 12149-12161.	1.2	119
110	Direct Involvement of Phosphatidylinositol 4-Phosphate in Secretion in the Yeast Saccharomyces cerevisiae. Journal of Biological Chemistry, 1999, 274, 34294-34300.	1.6	257
111	Yeast homologue of neuronal frequenin is a regulator of phosphatidylinositol-4-OH kinase. Nature Cell Biology, 1999, 1, 234-241.	4.6	242
112	Functional counterparts of mammalian protein kinases PDK1 and SGK in budding yeast. Current Biology, 1999, 9, 186-S4.	1.8	255
113	Hsl7 Localizes to a Septin Ring and Serves as an Adapter in a Regulatory Pathway That Relieves Tyrosine Phosphorylation of Cdc28 Protein Kinase in <i>Saccharomyces cerevisiae</i>. Molecular and Cellular Biology, 1999, 19, 7123-7137.	1.1	170
114	Repression of yeast Ste12 transcription factor by direct binding of unphosphorylated Kss1 MAPK and its regulation by the Ste7 MEK. Genes and Development, 1998, 12, 2887-2898.	2.7	166
115	Differential regulation of transcription: Repression by unactivated mitogen-activated protein kinase Kss1 requires the Dig1 and Dig2 proteins. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 15400-15405.	3.3	141
116	An Essential Function of a Phosphoinositide-Specific Phospholipase C Is Relieved by Inhibition of a Cyclin-Dependent Protein Kinase in the Yeast Saccharomyces cerevisiae. Genetics, 1998, 148, 33-47.	1.2	48
117	Identification and Characterization of an Essential Family of Inositol Polyphosphate 5-Phosphatases (INP51, INP52 and INP53 Gene Products) in the Yeast Saccharomyces cerevisiae. Genetics, 1998, 148, 1715-1729.	1.2	112
118	Casein Kinase II Catalyzes Tyrosine Phosphorylation of the Yeast Nucleolar Immunophilin Fpr3. Journal of Biological Chemistry, 1997, 272, 12961-12967.	1.6	93
119	Expression and Purification of the Saccharomyces cerevisiae Î±-Factor Receptor (Ste2p), a 7-Transmembrane-segment G Protein-coupled Receptor. Journal of Biological Chemistry, 1997, 272, 15553-15561.	1.6	81
120	RGS Proteins and Signaling by Heterotrimeric G Proteins. Journal of Biological Chemistry, 1997, 272, 3871-3874.	1.6	477
121	Ste5 RING-H2 Domain: Role in Ste4-Promoted Oligomerization for Yeast Pheromone Signaling. Science, 1997, 278, 103-106.	6.0	166
122	Inhibitory and activating functions for MAPK Kss1 in the S. cerevisiae filamentous- growth signalling pathway. Nature, 1997, 390, 85-88.	13.7	266
123	Mutational Analysis of <i>STE5</i> in the Yeast <i>Saccharomyces cerevisiae</i>: Application of a Differential Interaction Trap Assay for Examining Protein-Protein Interactions. Genetics, 1997, 147, 479-492.	1.2	90
124	Mck1, a member of the glycogen synthase kinase 3 family of protein kinases, is a negative regulator of pyruvate kinase in the yeast Saccharomyces cerevisiae. Journal of Bacteriology, 1997, 179, 4415-4418.	1.0	24
125	Immunophilins in the YeastSaccharomyces cerevisiae:A Different Spin on Proline Rotamases. Methods, 1996, 9, 165-176.	1.9	12
126	Identification and Characterization of the CLK1 Gene Product, a Novel CaM Kinase-like Protein Kinase from the Yeast Saccharomyces cerevisiae. Journal of Biological Chemistry, 1996, 271, 29958-29968.	1.6	44

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127	Two novel targets of the MAP kinase Kss1 are negative regulators of invasive growth in the yeast Saccharomyces cerevisiae.. Genes and Development, 1996, 10, 2831-2848.	2.7	209
128	The PAL1 gene product is a peroxisomal ATP-binding cassette transporter in the yeast Saccharomyces cerevisiae.. Journal of Cell Biology, 1996, 132, 549-563.	2.3	74
129	Gain-of-function mutations in a human calmodulin-like protein identify residues critical for calmodulin action in yeast. Molecular Genetics and Genomics, 1995, 247, 137-147.	2.4	8
130	Overexpression of the yeast MCK1 protein kinase suppresses conditional mutations in centromere-binding protein genes CBF2 and CBF5. Molecular Genetics and Genomics, 1995, 246, 360-366.	2.4	29
131	The Yeast Immunophilin Fpr3 Is a Physiological Substrate of the Tyrosine-specific Phosphoprotein Phosphatase Ptp1. Journal of Biological Chemistry, 1995, 270, 25185-25193.	1.6	22
132	Kss1. , 1995, , 222-224.		0
133	A novel FK506- and rapamycin-binding protein (FPR3 gene product) in the yeast Saccharomyces cerevisiae is a proline rotamase localized to the nucleolus.. Journal of Cell Biology, 1994, 127, 623-639.	2.3	78
134	Mot1, a global repressor of RNA polymerase II transcription, inhibits TBP binding to DNA by an ATP-dependent mechanism.. Genes and Development, 1994, 8, 1920-1934.	2.7	291
135	Signal Propagation and Regulation in the Mating Pheromone Response Pathway of the Yeast Saccharomyces cerevisiae. Developmental Biology, 1994, 166, 363-379.	0.9	163
136	Protein splicing elements: inteins and exteins â€" a definition of terms and recommended nomenclature. Nucleic Acids Research, 1994, 22, 1125-1127.	6.5	349
137	Chapter 2 A Novel Mechanism for Transmembrane Translocation of Peptides: The Saccharomyces cerevisiae STE6 Transporter and Export of the Mating Pheromone a-Factor. Current Topics in Membranes, 1994, , 19-42.	0.5	4
138	Phosphatidylinositol 4-kinase: gene structure and requirement for yeast cell viability. Science, 1993, 262, 1444-1448.	6.0	206
139	The a-factor transporter (STE6 gene product) and cell polarity in the yeast Saccharomyces cerevisiae.. Journal of Cell Biology, 1993, 120, 1203-1215.	2.3	104
140	Pheromone action regulates G-protein alpha-subunit myristoylation in the yeast Saccharomyces cerevisiae.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 9688-9692.	3.3	56
141	Secretion of Peptides and Proteins Lacking Hydrophobic Signal Sequences: The Role of Adenosine Triphosphate-Driven Membrane Translocators*. Endocrine Reviews, 1992, 13, 499-514.	8.9	71
142	VDE endonuclease cleavesSaccharomyces cerevisiaegenomic DNA at a single site: physical mapping of theVMA1gene. Nucleic Acids Research, 1992, 20, 5484-5484.	6.5	43
143	Functional expression of human mdr1 in the yeast Saccharomyces cerevisiae.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 2302-2306.	3.3	97
144	Homing of a DNA endonuclease gene by meiotic gene conversion in Saccharomyces cerevisiae. Nature, 1992, 357, 301-306.	13.7	292

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145	Dedicated Transporters for Peptide Export and Intercompartmental Traffic in the Yeast Saccharomyces cerevisiae. Cold Spring Harbor Symposia on Quantitative Biology, 1992, 57, 579-592.	2.0	22
146	Receptor-G Protein Signaling in Yeast. Annual Review of Physiology, 1991, 53, 37-57.	5.6	85
147	Model Systems for the Study of Seven-Transmembrane-Segment Receptors. Annual Review of Biochemistry, 1991, 60, 653-688.	5.0	1,351
148	Yeast has homologs (CNA1 and CNA2 gene products) of mammalian calcineurin, a calmodulin-regulated phosphoprotein phosphatase.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 7376-7380.	3.3	307
149	Beta and gamma subunits of a yeast guanine nucleotide-binding protein are not essential for membrane association of the alpha subunit but are required for receptor coupling.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 4363-4367.	3.3	115
150	Control of yeast mating signal transduction by a mammalian beta 2-adrenergic receptor and Gs alpha subunit. Science, 1990, 250, 121-123.	6.0	238
151	Human fur gene encodes a yeast KEX2-like endoprotease that cleaves pro-beta-NGF in vivo.. Journal of Cell Biology, 1990, 111, 2851-2859.	2.3	403
152	Membrane translocation of proteins without hydrophobic signal peptides. Current Opinion in Cell Biology, 1990, 2, 617-624.	2.6	50
153	A candidate protein kinase C gene, PKC1, is required for the S. cerevisiae cell cycle. Cell, 1990, 62, 213-224.	13.5	443
154	Nucleotidylation, not phosphorylation, is the major source of the phosphotyrosine detected in enteric bacteria. Journal of Bacteriology, 1989, 171, 272-279.	1.0	53
155	Intracellular targeting and structural conservation of a prohormone-processing endoprotease. Science, 1989, 246, 482-486.	6.0	414
156	Genetic and pharmacological suppression of oncogenic mutations in ras genes of yeast and humans. Science, 1989, 245, 379-385.	6.0	558
157	Putting it on and taking it off: Phosphoprotein phosphatase involvement in cell cycle regulation. Cell, 1989, 57, 891-893.	13.5	130
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