Michael N Hall

List of Publications by Year in Descending Order

214 papers	38,592 citations	98 h-index	196 g-index
232 ext. papers	42,890 ext. citations	14.1 avg, IF	7.67 L-index

#	Paper	IF	Citations
214	Integrative proteogenomic characterization of hepatocellular carcinoma across etiologies and stages.. *Nature Communications*, **2022**, 13, 2436	17.4	1
213	More writing: mTORC1 promotes mA mRNA methylation. *Molecular Cell*, **2021**, 81, 2057-2058	17.6	
212	A reference map of sphingolipids in murine tissues. *Cell Reports*, **2021**, 35, 109250	10.6	3
211	The dynamic mechanism of 4E-BP1 recognition and phosphorylation by mTORC1. *Molecular Cell*, **2021**, 81, 2403-2416.e5	17.6	8
210	Multi-omics data integration reveals novel drug targets in hepatocellular carcinoma. *BMC Genomics*, **2021**, 22, 592	4.5	1
209	mTOR signaling mediates ILC3-driven immunopathology. *Mucosal Immunology*, **2021**, 14, 1323-1334	9.2	2
208	Regulation of human mTOR complexes by DEPTOR. *ELife*, **2021**, 10,	8.9	1
207	AMPK and TOR: The Yin and Yang of Cellular Nutrient Sensing and Growth Control. *Cell Metabolism*, **2020**, 31, 472-492	24.6	163
206	Loss of TSC complex enhances gluconeogenesis via upregulation of locus miRNAs. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 1524-1532	11.5	2
205	The 3.2-resolution structure of human mTORC2. *Science Advances*, **2020**, 6,	14.3	22
204	Regulation of mTORC2 Signaling. *Genes*, **2020**, 11,	4.2	35
203	Epidermal mammalian target of rapamycin complex 2 controls lipid synthesis and filaggrin processing in epidermal barrier formation. *Journal of Allergy and Clinical Immunology*, **2020**, 145, 283-300.e8	11.5	13
202	Treatment of Primary Aldosteronism With mTORC1 Inhibitors. *Journal of Clinical Endocrinology and Metabolism*, **2019**, 104, 4703-4714	5.6	2
201	Shared Molecular Targets Confer Resistance over Short and Long Evolutionary Timescales. *Molecular Biology and Evolution*, **2019**, 36, 691-708	8.3	11
200	TORC1 regulates autophagy induction in response to proteotoxic stress in yeast and human cells. *Biochemical and Biophysical Research Communications*, **2019**, 511, 434-439	3.4	0
199	Indirect monitoring of TORC1 signalling pathway reveals molecular diversity among different yeast strains. *Yeast*, **2019**, 36, 65-74	3.4	10
198	Allelic Variants Affect TORC1 Activation and Fermentation Kinetics in. *Frontiers in Microbiology*, **2019**, 10, 1686	5.7	6

197	Proteomic Landscape of Aldosterone-Producing Adenoma. *Hypertension*, **2019**, 73, 469-480	8.5	14
196	Mitochondria-Endoplasmic Reticulum Contact Sites Function as Immunometabolic Hubs that Orchestrate the Rapid Recall Response of Memory CD8 T Cells. *Immunity*, **2018**, 48, 542-555.e6	32.3	75
195	Network-based integration of multi-omics data for prioritizing cancer genes. *Bioinformatics*, **2018**, 34, 2441-2448	7.2	76
194	The protein histidine phosphatase LHPP is a tumour suppressor. *Nature*, **2018**, 555, 678-682	50.4	96
193	CLIP and cohibin separate rDNA from nucleolar proteins destined for degradation by nucleophagy. *Journal of Cell Biology*, **2018**, 217, 2675-2690	7.3	42
192	Insulin resistance causes inflammation in adipose tissue. *Journal of Clinical Investigation*, **2018**, 128, 1538-1550	15.9	183
191	mTOR signalling and cellular metabolism are mutual determinants in cancer. *Nature Reviews Cancer* , **2018**, 18, 744-757	31.3	334
190	Dual Inhibition of the Lactate Transporters MCT1 and MCT4 Is Synthetic Lethal with Metformin due to NAD+ Depletion in Cancer Cells. *Cell Reports*, **2018**, 25, 3047-3058.e4	10.6	123
189	Architecture of the human mTORC2 core complex. *ELife*, **2018**, 7,	8.9	48
188	Nutrient sensing and TOR signaling in yeast and mammals. *EMBO Journal*, **2017**, 36, 397-408	13	367
187	An Amazing Turn of Events. *Cell*, **2017**, 171, 18-22	56.2	8
186	mTORC2 Promotes Tumorigenesis via Lipid Synthesis. *Cancer Cell*, **2017**, 32, 807-823.e12	24.3	175
185	mTORC1 Controls Synthesis of Its Activator GTP. *Cell Reports*, **2017**, 19, 2643-2644	10.6	3
184	Loss of mTORC1 signaling alters pancreatic [illegible]cell mass and impairs glucagon secretion. *Journal of Clinical Investigation*, **2017**, 127, 4379-4393	15.9	32
183	Evolution of TOR and Translation Control **2016**, 327-411		6
182	mTORC1 and mTORC2 regulate skin morphogenesis and epidermal barrier formation. *Nature Communications*, **2016**, 7, 13226	17.4	44
181	TOR and paradigm change: cell growth is controlled. *Molecular Biology of the Cell*, **2016**, 27, 2804-6	3.5	14
180	mTORC2 Signaling Drives the Development and Progression of Pancreatic Cancer. *Cancer Research*, **2016**, 76, 6911-6923	10.1	49

179	Quantitative proteomics and phosphoproteomics on serial tumor biopsies from a sorafenib-treated HCC patient. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 1381-6	11.5	51
178	Multiple amino acid sensing inputs to mTORC1. *Cell Research*, **2016**, 26, 7-20	24.7	132
177	Architecture of human mTOR complex 1. *Science*, **2016**, 351, 48-52	33.3	210
176	Cardiac mTOR complex 2 preserves ventricular function in pressure-overload hypertrophy. *Cardiovascular Research*, **2016**, 109, 103-14	9.9	39
175	Maximizing the Efficacy of MAPK-Targeted Treatment in PTENLOF/BRAFMUT Melanoma through PI3K and IGF1R Inhibition. *Cancer Research*, **2016**, 76, 390-402	10.1	14
174	mTORC2 critically regulates renal potassium handling. *Journal of Clinical Investigation*, **2016**, 126, 1773-82	15.9	26
173	mTOR in Metabolic and Endocrine Disorders **2016**, 347-364		1
172	Syrosingopine sensitizes cancer cells to killing by metformin. *Science Advances*, **2016**, 2, e1601756	14.3	26
171	mTORC2 sustains thermogenesis via Akt-induced glucose uptake and glycolysis in brown adipose tissue. *EMBO Molecular Medicine*, **2016**, 8, 232-46	12	79
170	mTOR Signaling Confers Resistance to Targeted Cancer Drugs. *Trends in Cancer*, **2016**, 2, 688-697	12.5	52
169	eIF4A moonlights as an off switch for TORC1. *EMBO Journal*, **2016**, 35, 1013-4	13	
168	Basal mTORC2 activity and expression of its components display diurnal variation in mouse perivascular adipose tissue. *Biochemical and Biophysical Research Communications*, **2016**, 473, 317-322	3.4	5
167	Inferring causal metabolic signals that regulate the dynamic TORC1-dependent transcriptome. *Molecular Systems Biology*, **2015**, 11, 802	12.2	26
166	mTORC1 signaling in Agrp neurons mediates circadian expression of Agrp and NPY but is dispensable for regulation of feeding behavior. *Biochemical and Biophysical Research Communications*, **2015**, 464, 480-6	3.4	13
165	Loss of mTOR signaling affects cone function, cone structure and expression of cone specific proteins without affecting cone survival. *Experimental Eye Research*, **2015**, 135, 1-13	3.7	19
164	The opposing actions of target of rapamycin and AMP-activated protein kinase in cell growth control. *Cold Spring Harbor Perspectives in Biology*, **2015**, 7, a019141	10.2	89
163	Conditional disruption of rictor demonstrates a direct requirement for mTORC2 in skin tumor development and continued growth of established tumors. *Carcinogenesis*, **2015**, 36, 487-97	4.6	20
162	mTOR in health and in sickness. *Journal of Molecular Medicine*, **2015**, 93, 1061-73	5.5	46

161	Deletion of Rictor in brain and fat alters peripheral clock gene expression and increases blood pressure. *Hypertension*, **2015**, 66, 332-9	8.5	8
160	mTORC1-mediated translational elongation limits intestinal tumour initiation and growth. *Nature*, **2015**, 517, 497-500	50.4	190
159	Reduced C/EBP[illegible]LIP translation improves metabolic health. *EMBO Reports*, **2015**, 16, 881-2	6.5	3
158	mTOR signaling in liver disease **2015**, 314-325		2
157	Brief report: the differential roles of mTORC1 and mTORC2 in mesenchymal stem cell differentiation. *Stem Cells*, **2015**, 33, 1359-65	5.8	65
156	mTOR signaling in cellular and organismal energetics. *Current Opinion in Cell Biology*, **2015**, 33, 55-66	9	203
155	Raptor ablation in skeletal muscle decreases Cav1.1 expression and affects the function of the excitation-contraction coupling supramolecular complex. *Biochemical Journal*, **2015**, 466, 123-35	3.8	8
154	Activated mTORC1 promotes long-term cone survival in retinitis pigmentosa mice. *Journal of Clinical Investigation*, **2015**, 125, 1446-58	15.9	93
153	TORC1 promotes phosphorylation of ribosomal protein S6 via the AGC kinase Ypk3 in Saccharomyces cerevisiae. *PLoS ONE*, **2015**, 10, e0120250	3.7	54
152	mTORC1: turning off is just as important as turning on. *Cell*, **2014**, 156, 627-8	56.2	18
151	Making new contacts: the mTOR network in metabolism and signalling crosstalk. *Nature Reviews Molecular Cell Biology*, **2014**, 15, 155-62	48.7	754
150	An isogenic cell panel identifies compounds that inhibit proliferation of mTOR-pathway addicted cells by different mechanisms. *Journal of Biomolecular Screening*, **2014**, 19, 131-44		0
149	Hepatic mTORC1 controls locomotor activity, body temperature, and lipid metabolism through FGF21. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 11592-9	11.5	112
148	Mammalian target of rapamycin complex 2 modulates [illegible]CR processing and surface expression during thymocyte development. *Journal of Immunology*, **2014**, 193, 1162-70	5.3	17
147	The search for antiaging interventions: from elixirs to fasting regimens. *Cell*, **2014**, 157, 1515-26	56.2	233
146	Liver damage, inflammation, and enhanced tumorigenesis after persistent mTORC1 inhibition. *Cell Metabolism*, **2014**, 20, 133-44	24.6	120
145	Nitrogen source activates TOR (target of rapamycin) complex 1 via glutamine and independently of Gtr/Rag proteins. *Journal of Biological Chemistry*, **2014**, 289, 25010-20	5.4	115
144	mTORC1 maintains renal tubular homeostasis and is essential in response to ischemic stress. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, E2817-26	11.5	63

143	Balanced mTORC1 activity in oligodendrocytes is required for accurate CNS myelination. *Journal of Neuroscience*, **2014**, 34, 8432-48	6.6	109
142	Expression of the bacterial type III effector DspA/E in Saccharomyces cerevisiae down-regulates the sphingolipid biosynthetic pathway leading to growth arrest. *Journal of Biological Chemistry*, **2014**, 289, 18466-77	5.4	16
141	WNT7B promotes bone formation in part through mTORC1. *PLoS Genetics*, **2014**, 10, e1004145	6	96
140	Mammalian target of rapamycin complex 1 orchestrates invariant NKT cell differentiation and effector function. *Journal of Immunology*, **2014**, 193, 1759-65	5.3	55
139	Inhibition of mTORC1 by astrin and stress granules prevents apoptosis in cancer cells. *Cell*, **2013**, 154, 859-74	56.2	175
138	Target of rapamycin (TOR) kinase in Trypanosoma brucei: an extended family. *Biochemical Society Transactions*, **2013**, 41, 934-8	5.1	22
137	Where is mTOR and what is it doing there?. *Journal of Cell Biology*, **2013**, 203, 563-74	7.3	368
136	Quantitative phosphoproteomics reveal mTORC1 activates de novo pyrimidine synthesis. *Science*, **2013**, 339, 1320-3	33.3	345
135	mTOR in aging, metabolism, and cancer. *Current Opinion in Genetics and Development*, **2013**, 23, 53-62	4.9	350
134	Differential response of skeletal muscles to mTORC1 signaling during atrophy and hypertrophy. *Skeletal Muscle*, **2013**, 3, 6	5.1	87
133	Talks about TORCs: recent advancesin target of rapamycin signalling. On mTOR nomenclature. *Biochemical Society Transactions*, **2013**, 41, 887-8	5.1	18
132	Conserved sequence motifs and the structure of the mTOR kinase domain. *Biochemical Society Transactions*, **2013**, 41, 889-95	5.1	11
131	TORC1-regulated protein kinase Npr1 phosphorylates Orm to stimulate complex sphingolipid synthesis. *Molecular Biology of the Cell*, **2013**, 24, 870-81	3.5	78
130	Rictor in perivascular adipose tissue controls vascular function by regulating inflammatory molecule expression. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2013**, 33, 2105-11	9.4	28
129	Feature Article: mTOR complex 2-Akt signaling at mitochondria-associated endoplasmic reticulum membranes (MAM) regulates mitochondrial physiology. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 12526-34	11.5	356
128	Combined inhibition of PI3K-related DNA damage response kinases and mTORC1 induces apoptosis in MYC-driven B-cell lymphomas. *Blood*, **2013**, 121, 2964-74	2.2	54
127	Bidirectional crosstalk between endoplasmic reticulum stress and mTOR signaling. *Trends in Cell Biology*, **2012**, 22, 274-82	18.3	236
126	Glutaminolysis activates Rag-mTORC1 signaling. *Molecular Cell*, **2012**, 47, 349-58	17.6	445

125	Selective ATP-competitive inhibitors of TOR suppress rapamycin-insensitive function of TORC2 in Saccharomyces cerevisiae. *ACS Chemical Biology*, **2012**, 7, 982-7	4.9	10
124	Ramping up mitosis: an AMPK▯-regulated signaling network promotes mitotic progression. *Molecular Cell*, **2012**, 45, 8-9	17.6	6
123	Hepatic mTORC2 activates glycolysis and lipogenesis through Akt, glucokinase, and SREBP1c. *Cell Metabolism*, **2012**, 15, 725-38	24.6	375
122	Third target of rapamycin complex negatively regulates development of quiescence in Trypanosoma brucei. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 14399-404	11.5	58
121	Regulation of TOR by small GTPases. *EMBO Reports*, **2012**, 13, 121-8	6.5	76
120	Leucyl-tRNA synthetase: double duty in amino acid sensing. *Cell Research*, **2012**, 22, 1207-9	24.7	16
119	PAS kinase promotes cell survival and growth through activation of Rho1. *Science Signaling*, **2012**, 5, ra9	8.8	10
118	Inducible raptor and rictor knockout mouse embryonic fibroblasts. *Methods in Molecular Biology*, **2012**, 821, 267-78	1.4	26
117	Activation of mTORC2 by association with the ribosome. *Cell*, **2011**, 144, 757-68	56.2	501
116	mTORC1 activation in podocytes is a critical step in the development of diabetic nephropathy in mice. *Journal of Clinical Investigation*, **2011**, 121, 2181-96	15.9	383
115	mTOR signaling in disease. *Current Opinion in Cell Biology*, **2011**, 23, 744-55	9	354
114	Rapamycin passes the torch: a new generation of mTOR inhibitors. *Nature Reviews Drug Discovery*, **2011**, 10, 868-80	64.1	657
113	Target of rapamycin (TOR) in nutrient signaling and growth control. *Genetics*, **2011**, 189, 1177-201	4	588
112	Cardiac raptor ablation impairs adaptive hypertrophy, alters metabolic gene expression, and causes heart failure in mice. *Circulation*, **2011**, 123, 1073-82	16.7	179
111	Role of mTOR in podocyte function and diabetic nephropathy in humans and mice. *Journal of Clinical Investigation*, **2011**, 121, 2197-209	15.9	384
110	AKT promotes rRNA synthesis and cooperates with c-MYC to stimulate ribosome biogenesis in cancer. *Science Signaling*, **2011**, 4, ra56	8.8	104
109	The rapamycin-sensitive phosphoproteome reveals that TOR controls protein kinase A toward some but not all substrates. *Molecular Biology of the Cell*, **2010**, 21, 3475-86	3.5	179
108	TOR Complexes: Composition, Structure, and Phosphorylation. *The Enzymes*, **2010**, 27, 1-20	2.3	2

107	mTORC1 directly phosphorylates and regulates human MAF1. *Molecular and Cellular Biology*, **2010**, 30, 3749-57	4.8	123
106	mTORC1 and mTORC2 in Energy Homeostasis. *The Enzymes*, **2010**, 28, 263-278	2.3	2
105	Impact papers on aging in 2009. *Aging*, **2010**, 2, 111-21	5.6	29
104	Translational Control by Amino Acids and Energy **2010**, 2285-2293		2
103	Growth and aging: a common molecular mechanism. *Aging*, **2009**, 1, 357-62	5.6	177
102	mTOR complex 2 in adipose tissue negatively controls whole-body growth. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 9902-7	11.5	136
101	The TSC-mTOR pathway mediates translational activation of TOP mRNAs by insulin largely in a raptor- or rictor-independent manner. *Molecular and Cellular Biology*, **2009**, 29, 640-9	4.8	105
100	TOR complex 2: a signaling pathway of its own. *Trends in Biochemical Sciences*, **2009**, 34, 620-7	10.3	208
99	mTOR and the control of whole body metabolism. *Current Opinion in Cell Biology*, **2009**, 21, 209-18	9	240
98	TOR signaling in invertebrates. *Current Opinion in Cell Biology*, **2009**, 21, 825-36	9	97
97	Activating mutations in TOR are in similar structures as oncogenic mutations in PI3KCalpha. *ACS Chemical Biology*, **2009**, 4, 999-1015	4.9	30
96	An amino acid shuffle activates mTORC1. *Cell*, **2009**, 136, 399-400	56.2	37
95	mTOR-what does it do?. *Transplantation Proceedings*, **2008**, 40, S5-8	1.1	128
94	Adipose-specific knockout of raptor results in lean mice with enhanced mitochondrial respiration. *Cell Metabolism*, **2008**, 8, 399-410	24.6	389
93	Skeletal muscle-specific ablation of raptor, but not of rictor, causes metabolic changes and results in muscle dystrophy. *Cell Metabolism*, **2008**, 8, 411-24	24.6	487
92	Proteins induced by telomere dysfunction and DNA damage represent biomarkers of human aging and disease. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 11299-304	11.5	126
91	TOR1 and TOR2 have distinct locations in live cells. *Eukaryotic Cell*, **2008**, 7, 1819-30		117
90	Identification of the rapamycin-sensitive phosphorylation sites within the Ser/Thr-rich domain of the yeast Npr1 protein kinase. *Rapid Communications in Mass Spectrometry*, **2008**, 22, 3743-53	2.2	25

89	PRAS40 and PRR5-like protein are new mTOR interactors that regulate apoptosis. *PLoS ONE*, **2007**, 2, e1217	3.7	222
88	Hypoxia-induced endothelial proliferation requires both mTORC1 and mTORC2. *Circulation Research*, **2007**, 100, 79-87	15.7	105
87	Sch9 is a major target of TORC1 in Saccharomyces cerevisiae. *Molecular Cell*, **2007**, 26, 663-74	17.6	611
86	TOR signaling and control of cell growth. *FASEB Journal*, **2007**, 21, A206	0.9	
85	Mutual antagonism of target of rapamycin and calcineurin signaling. *Journal of Biological Chemistry*, **2006**, 281, 33000-7	5.4	57
84	Inhibition of mTOR with sirolimus slows disease progression in Han:SPRD rats with autosomal dominant polycystic kidney disease (ADPKD). *Nephrology Dialysis Transplantation*, **2006**, 21, 598-604	4.3	228
83	Regulation of ribosome biogenesis: where is TOR?. *Cell Metabolism*, **2006**, 4, 259-60	24.6	42
82	TOR signaling in growth and metabolism. *Cell*, **2006**, 124, 471-84	56.2	4568
81	mTORC2 Caught in a SINful Akt. *Developmental Cell*, **2006**, 11, 433-4	10.2	44
80	TOR regulates late steps of ribosome maturation in the nucleoplasm via Nog1 in response to nutrients. *EMBO Journal*, **2006**, 25, 3832-42	13	46
79	The expanding TOR signaling network. *Current Opinion in Cell Biology*, **2005**, 17, 158-66	9	436
78	The solution structure of the FATC domain of the protein kinase target of rapamycin suggests a role for redox-dependent structural and cellular stability. *Journal of Biological Chemistry*, **2005**, 280, 20558-64	5.4	103
77	Molecular organization of target of rapamycin complex 2. *Journal of Biological Chemistry*, **2005**, 280, 30697-704	5.4	184
76	Tor2 directly phosphorylates the AGC kinase Ypk2 to regulate actin polarization. *Molecular and Cellular Biology*, **2005**, 25, 7239-48	4.8	171
75	NPR1 kinase and RSP5-BUL1/2 ubiquitin ligase control GLN3-dependent transcription in Saccharomyces cerevisiae. *Journal of Biological Chemistry*, **2004**, 279, 37512-7	5.4	41
74	Zim17, a novel zinc finger protein essential for protein import into mitochondria. *Journal of Biological Chemistry*, **2004**, 279, 50243-9	5.4	49
73	Activation of the RAS/cyclic AMP pathway suppresses a TOR deficiency in yeast. *Molecular and Cellular Biology*, **2004**, 24, 338-51	4.8	215
72	Negative regulation of phosphatidylinositol 4,5-bisphosphate levels by the INP51-associated proteins TAX4 and IRS4. *Journal of Biological Chemistry*, **2004**, 279, 39604-10	5.4	19

71	Mammalian TOR complex 2 controls the actin cytoskeleton and is rapamycin insensitive. *Nature Cell Biology*, **2004**, 6, 1122-8	23.4	1643
70	Genome-wide lethality screen identifies new PI4,5P2 effectors that regulate the actin cytoskeleton. *EMBO Journal*, **2004**, 23, 3747-57	13	113
69	Rank Difference Analysis of Microarrays (RDAM), a novel approach to statistical analysis of microarray expression profiling data. *BMC Bioinformatics*, **2004**, 5, 148	3.6	23
68	TOR regulates ribosomal protein gene expression via PKA and the Forkhead transcription factor FHL1. *Cell*, **2004**, 119, 969-79	56.2	365
67	Tor signalling in bugs, brain and brawn. *Nature Reviews Molecular Cell Biology*, **2003**, 4, 117-26	48.7	498
66	Quantitation of changes in protein phosphorylation: a simple method based on stable isotope labeling and mass spectrometry. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 880-5	11.5	119
65	Translational Control by Amino Acids and Energy **2003**, 299-303		
64	The RHO1-GAPs SAC7, BEM2 and BAG7 control distinct RHO1 functions in Saccharomyces cerevisiae. *Molecular Microbiology*, **2002**, 45, 1433-41	4.1	47
63	The TOR-controlled transcription activators GLN3, RTG1, and RTG3 are regulated in response to intracellular levels of glutamine. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 6784-9	11.5	258
62	Elucidating TOR signaling and rapamycin action: lessons from Saccharomyces cerevisiae. *Microbiology and Molecular Biology Reviews*, **2002**, 66, 579-91, table of contents	13.2	268
61	Yeast protein kinases and the RHO1 exchange factor TUS1 are novel components of the cell integrity pathway in yeast. *Molecular and Cellular Biology*, **2002**, 22, 1329-39	4.8	110
60	Calmodulin controls organization of the actin cytoskeleton via regulation of phosphatidylinositol (4,5)-bisphosphate synthesis in Saccharomyces cerevisiae. *Biochemical Journal*, **2002**, 366, 945-51	3.8	39
59	Two TOR complexes, only one of which is rapamycin sensitive, have distinct roles in cell growth control. *Molecular Cell*, **2002**, 10, 457-68	17.6	1464
58	Sphingoid base signaling via Pkh kinases is required for endocytosis in yeast. *EMBO Journal*, **2001**, 20, 6783-92	13	141
57	The GATA transcription factors GLN3 and GAT1 link TOR to salt stress in Saccharomyces cerevisiae. *Journal of Biological Chemistry*, **2001**, 276, 34441-4	5.4	75
56	Control of the actin cytoskeleton by extracellular signals. *Results and Problems in Cell Differentiation*, **2001**, 32, 231-62	1.4	5
55	TIP41 interacts with TAP42 and negatively regulates the TOR signaling pathway. *Molecular Cell*, **2001**, 8, 1017-26	17.6	184
54	Analysis of deletion phenotypes and GFP fusions of 21 novel Saccharomyces cerevisiae open reading frames. *Yeast*, **2000**, 16, 241-53	3.4	15

53	FAP1, a homologue of human transcription factor NF-X1, competes with rapamycin for binding to FKBP12 in yeast. *Molecular Microbiology*, **2000**, 37, 1480-93	4.1	15
52	HEAT repeats mediate plasma membrane localization of Tor2p in yeast. *Journal of Biological Chemistry*, **2000**, 275, 37011-20	5.4	124
51	Eap1p, a novel eukaryotic translation initiation factor 4E-associated protein in Saccharomyces cerevisiae. *Molecular and Cellular Biology*, **2000**, 20, 4604-13	4.8	105
50	TOR, a central controller of cell growth. *Cell*, **2000**, 103, 253-62	56.2	1677
49	Cell wall stress depolarizes cell growth via hyperactivation of RHO1. *Journal of Cell Biology*, **1999**, 147, 163-74	7.3	242
48	Starvation induces vacuolar targeting and degradation of the tryptophan permease in yeast. *Journal of Cell Biology*, **1999**, 146, 1227-38	7.3	268
47	The TOR signalling pathway controls nuclear localization of nutrient-regulated transcription factors. *Nature*, **1999**, 402, 689-92	50.4	823
46	CLN3 expression is sufficient to restore G1-to-S-phase progression in Saccharomyces cerevisiae mutants defective in translation initiation factor eIF4E. *Biochemical Journal*, **1999**, 340, 135-141	3.8	45
45	CLN3 expression is sufficient to restore G1-to-S-phase progression in Saccharomyces cerevisiae mutants defective in translation initiation factor eIF4E. *Biochemical Journal*, **1999**, 340, 135	3.8	14
44	PDK1 homologs activate the Pkc1-mitogen-activated protein kinase pathway in yeast. *Molecular and Cellular Biology*, **1999**, 19, 8344-52	4.8	125
43	The TOR nutrient signalling pathway phosphorylates NPR1 and inhibits turnover of the tryptophan permease. *EMBO Journal*, **1998**, 17, 6924-31	13	269
42	Cell wall integrity modulates RHO1 activity via the exchange factor ROM2. *EMBO Journal*, **1998**, 17, 2235-45	13	150
41	The Rho1 effector Pkc1, but not Bni1, mediates signalling from Tor2 to the actin cytoskeleton. *Current Biology*, **1998**, 8, 1211-4	6.3	142
40	The stress-activated phosphatidylinositol 3-phosphate 5-kinase Fab1p is essential for vacuole function in S. cerevisiae. *Current Biology*, **1998**, 8, 1219-22	6.3	189
39	Signaling to the actin cytoskeleton. *Annual Review of Cell and Developmental Biology*, **1998**, 14, 305-38	12.6	372
38	MSS4, a phosphatidylinositol-4-phosphate 5-kinase required for organization of the actin cytoskeleton in Saccharomyces cerevisiae. *Journal of Biological Chemistry*, **1998**, 273, 15787-93	5.4	173
37	TOR2 is part of two related signaling pathways coordinating cell growth in Saccharomyces cerevisiae. *Genetics*, **1998**, 148, 99-112	4	142
36	TOR signalling and control of cell growth. *Current Opinion in Cell Biology*, **1997**, 9, 782-7	9	424

35	The yeast phosphatidylinositol kinase homolog TOR2 activates RHO1 and RHO2 via the exchange factor ROM2. *Cell*, **1997**, 88, 531-42	56.2	270
34	TOR2 is required for organization of the actin cytoskeleton in yeast. *Proceedings of the National Academy of Sciences of the United States of America*, **1996**, 93, 13780-5	11.5	219
33	The TOR signalling pathway and growth control in yeast. *Biochemical Society Transactions*, **1996**, 24, 234-9	5.1	49
32	Drug discovery: rational serendipity. *Trends in Biochemical Sciences*, **1996**, 21, 322-323	10.3	
31	Regional bivalent-univalent pairing versus trivalent pairing of a trisomic chromosome in Saccharomyces cerevisiae. *Genetics*, **1996**, 144, 957-66	4	9
30	The role of trehalose synthesis for the acquisition of thermotolerance in yeast. II. Physiological concentrations of trehalose increase the thermal stability of proteins in vitro. *FEBS Journal*, **1994**, 219, 187-93		226
29	Identification of Immunosuppressive Drug Targets in Yeast. *Methods*, **1993**, 5, 176-187	4.6	24
28	Target of rapamycin in yeast, TOR2, is an essential phosphatidylinositol kinase homolog required for G1 progression. *Cell*, **1993**, 73, 585-96	56.2	714
27	Cyclosporin A, FK506 and rapamycin: more than just immunosuppression. *Trends in Biochemical Sciences*, **1993**, 18, 334-8	10.3	229
26	Nuclear protein transport is functionally conserved between yeast and higher eukaryotes. *FEBS Letters*, **1993**, 321, 261-6	3.8	8
25	The T-DNA-linked VirD2 protein contains two distinct functional nuclear localization signals. *Proceedings of the National Academy of Sciences of the United States of America*, **1992**, 89, 7442-6	11.5	129
24	A yeast cyclophilin gene essential for lactate metabolism at high temperature. *Proceedings of the National Academy of Sciences of the United States of America*, **1992**, 89, 11169-73	11.5	69
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