Howard Riezman

List of Publications by Year in Descending Order

193 papers	16,733 citations	70 h-index	126 g-index
261 ext. papers	18,689 ext. citations	10.2 avg, IF	6.81 L-index

#	Paper	IF	Citations
193	Plasma membrane effects of sphingolipid-synthesis inhibition by myriocin in CHO cells: a biophysical and lipidomic study.. *Scientific Reports*, **2022**, 12, 955	4.9	0
192	Flipper Probes for the Community.. *Chimia*, **2021**, 75, 1004-1011	1.3	2
191	Luciferase Controlled Protein Interactions. *Journal of the American Chemical Society*, **2021**, 143, 3665-3670	16.4	2
190	CHO/LY-B cell growth under limiting sphingolipid supply: Correlation between lipid composition and biophysical properties of sphingolipid-restricted cell membranes. *FASEB Journal*, **2021**, 35, e21657	0.9	1
189	Ether lipids, sphingolipids and toxic 1-deoxyceramides as hallmarks for lean and obese type 2 diabetic patients. *Acta Physiologica*, **2021**, 232, e13610	5.6	7
188	Genetically Encoded Supramolecular Targeting of Fluorescent Membrane Tension Probes within Live Cells: Precisely Localized Controlled Release by External Chemical Stimulation. *Jacs Au*, **2021**, 1, 221-232		8
187	Short Photoswitchable Ceramides Enable Optical Control of Apoptosis. *ACS Chemical Biology*, **2021**, 16, 452-456	4.9	7
186	Determination of the lipid composition of the GPI anchor. *PLoS ONE*, **2021**, 16, e0256184	3.7	0
185	Patched regulates lipid homeostasis by controlling cellular cholesterol levels. *Nature Communications*, **2021**, 12, 4898	17.4	4
184	Chemical Biology Tools to Study Lipids and their Metabolism with Increased Spatial and Temporal Resolution.. *Chimia*, **2021**, 75, 1012-1016	1.3	
183	Cultured macrophages transfer surplus cholesterol into adjacent cells in the absence of serum or high-density lipoproteins. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 10476-10483	11.5	9
182	Patches and Blebs: A Comparative Study of the Composition and Biophysical Properties of Two Plasma Membrane Preparations from CHO Cells. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	5
181	Combined Omics Approach Identifies Gambogic Acid and Related Xanthones as Covalent Inhibitors of the Serine Palmitoyltransferase Complex. *Cell Chemical Biology*, **2020**, 27, 586-597.e12	8.2	8
180	Ceramide chain length-dependent protein sorting into selective endoplasmic reticulum exit sites. *Science Advances*, **2020**, 6,	14.3	11
179	Phosphatidylcholines from eggs activate an immune response in Arabidopsis. *ELife*, **2020**, 9,	8.9	17
178	Conserved Functions of Ether Lipids and Sphingolipids in the Early Secretory Pathway. *Current Biology*, **2020**, 30, 3775-3787.e7	6.3	19
177	HaloFlippers: A General Tool for the Fluorescence Imaging of Precisely Localized Membrane Tension Changes in Living Cells. *ACS Central Science*, **2020**, 6, 1376-1385	16.8	17

176	Tricalbins Are Required for Non-vesicular Ceramide Transport at ER-Golgi Contacts and Modulate Lipid Droplet Biogenesis. *IScience*, **2020**, 23, 101603	6.1	9
175	Vesicular and non-vesicular lipid export from the ER to the secretory pathway. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2020**, 1865, 158453	5	17
174	Cytotoxicity of 1-deoxysphingolipid unraveled by genome-wide genetic screens and lipidomics in. *Molecular Biology of the Cell*, **2019**, 30, 2814-2826	3.5	11
173	Lysosome-targeted photoactivation reveals local sphingosine metabolism signatures. *Chemical Science*, **2019**, 10, 2253-2258	9.4	28
172	Yeast ceramide synthases, Lag1 and Lac1, have distinct substrate specificity. *Journal of Cell Science*, **2019**, 132,	5.3	10
171	On the road to unraveling the molecular functions of ether lipids. *FEBS Letters*, **2019**, 593, 2378-2389	3.8	36
170	Optical control of sphingosine-1-phosphate formation and function. *Nature Chemical Biology*, **2019**, 15, 623-631	11.7	40
169	Sphingolipids and membrane targets for therapeutics. *Current Opinion in Chemical Biology*, **2019**, 50, 19-28	9.7	8
168	Luciferase-Induced Photouncaging: Bioluminolysis. *Angewandte Chemie - International Edition*, **2019** , 58, 16033-16037	16.4	11
167	Luciferase-Induced Photouncaging: Bioluminolysis. *Angewandte Chemie*, **2019**, 131, 16179-16183	3.6	2
166	Mitochondrial arginase-2 is a cell-autonomous regulator of CD8+ T cell function and antitumor efficacy. *JCI Insight*, **2019**, 4,	9.9	16
165	1-Deoxydihydroceramide causes anoxic death by impairing chaperonin-mediated protein folding. *Nature Metabolism*, **2019**, 1, 996-1008	14.6	10
164	A Chemogenetic Approach for the Optical Monitoring of Voltage in Neurons. *Angewandte Chemie - International Edition*, **2019**, 58, 2341-2344	16.4	25
163	A Chemogenetic Approach for the Optical Monitoring of Voltage in Neurons. *Angewandte Chemie*, **2019**, 131, 2363-2366	3.6	5
162	Understanding the diversity of membrane lipid composition. *Nature Reviews Molecular Cell Biology*, **2018**, 19, 281-296	48.7	605
161	Structure-function insights into direct lipid transfer between membranes by Mmm1-Mdm12 of ERMES. *Journal of Cell Biology*, **2018**, 217, 959-974	7.3	80
160	Macrophages release plasma membrane-derived particles rich in accessible cholesterol. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E8499-E8508	11.5	25
159	Lysophospholipids Facilitate COPII Vesicle Formation. *Current Biology*, **2018**, 28, 1950-1958.e6	6.3	29

158	Subcellular Distribution of Cholesterol and Sphingolipids in Rat Hepatocytes. *FASEB Journal*, **2018**, 32, 541.1	0.9	
157	Mitochondrial disruption in peroxisome deficient cells is hepatocyte selective but is not mediated by common hepatic peroxisomal metabolites. *Mitochondrion*, **2018**, 39, 51-59	4.9	11
156	Transcriptomic analyses reveal rhythmic and CLOCK-driven pathways in human skeletal muscle. *ELife*, **2018**, 7,	8.9	59
155	Mitochondria-specific photoactivation to monitor local sphingosine metabolism and function. *ELife*, **2018**, 7,	8.9	36
154	Structure and conserved function of iso-branched sphingoid bases from the nematode. *Chemical Science*, **2017**, 8, 3676-3686	9.4	27
153	Sphingolipid metabolic flow controls phosphoinositide turnover at the -Golgi network. *EMBO Journal*, **2017**, 36, 1736-1754	13	45
152	Lipidomics reveals diurnal lipid oscillations in human skeletal muscle persisting in cellular myotubes cultured in vitro. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, E8565-E8574	11.5	57
151	Detection of genome-edited mutant clones by a simple competition-based PCR method. *PLoS ONE*, **2017**, 12, e0179165	3.7	17
150	Mutations in sphingosine-1-phosphate lyase cause nephrosis with ichthyosis and adrenal insufficiency. *Journal of Clinical Investigation*, **2017**, 127, 912-928	15.9	112
149	The SAGA complex, together with transcription factors and the endocytic protein Rvs167p, coordinates the reprofiling of gene expression in response to changes in sterol composition in. *Molecular Biology of the Cell*, **2017**, 28, 2637-2649	3.5	5
148	mTORC2 Promotes Tumorigenesis via Lipid Synthesis. *Cancer Cell*, **2017**, 32, 807-823.e12	24.3	175
147	Identification and Mode of Action of a Plant Natural Product Targeting Human Fungal Pathogens. *Antimicrobial Agents and Chemotherapy*, **2017**, 61,	5.9	20
146	Membrane Phosphoproteomics of Yeast Early Response to Acetic Acid: Role of Hrk1 Kinase and Lipid Biosynthetic Pathways, in Particular Sphingolipids. *Frontiers in Microbiology*, **2017**, 8, 1302	5.7	8
145	Trafficking of glycosylphosphatidylinositol anchored proteins from the endoplasmic reticulum to the cell surface. *Journal of Lipid Research*, **2016**, 57, 352-60	6.3	60
144	Limited ER quality control for GPI-anchored proteins. *Journal of Cell Biology*, **2016**, 213, 693-704	7.3	30
143	A method for analysis and design of metabolism using metabolomics data and kinetic models: Application on lipidomics using a novel kinetic model of sphingolipid metabolism. *Metabolic Engineering*, **2016**, 37, 46-62	9.7	29
142	D38-cholesterol as a Raman active probe for imaging intracellular cholesterol storage. *Journal of Biomedical Optics*, **2016**, 21, 61003	3.5	43
141	Making Sense of the Yeast Sphingolipid Pathway. *Journal of Molecular Biology*, **2016**, 428, 4765-4775	6.5	24

140	The SwissLipids knowledgebase for lipid biology. *Bioinformatics*, **2015**, 31, 2860-6	7.2	66
139	LAPTM4B facilitates late endosomal ceramide export to control cell death pathways. *Nature Chemical Biology*, **2015**, 11, 799-806	11.7	32
138	Intracellular sphingosine releases calcium from lysosomes. *ELife*, **2015**, 4,	8.9	90
137	Prolonged starvation drives reversible sequestration of lipid biosynthetic enzymes and organelle reorganization in Saccharomyces cerevisiae. *Molecular Biology of the Cell*, **2015**, 26, 1601-15	3.5	50
136	Autophagy competes for a common phosphatidylethanolamine pool with major cellular PE-consuming pathways in Saccharomyces cerevisiae. *Genetics*, **2015**, 199, 475-85	4	10
135	Cell-intrinsic adaptation of lipid composition to local crowding drives social behaviour. *Nature*, **2015**, 523, 88-91	50.4	68
134	COPII coat composition is actively regulated by luminal cargo maturation. *Current Biology*, **2015**, 25, 152-162	6.9	48
133	A fluorogenic probe for SNAP-tagged plasma membrane proteins based on the solvatochromic molecule Nile Red. *ACS Chemical Biology*, **2014**, 9, 606-12	4.9	69
132	Sphingolipid homeostasis in the web of metabolic routes. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2014**, 1841, 647-56	5	54
131	Osh proteins regulate COPII-mediated vesicular transport of ceramide from the endoplasmic reticulum in budding yeast. *Journal of Cell Science*, **2014**, 127, 376-87	5.3	27
130	Systematic lipidomic analysis of yeast protein kinase and phosphatase mutants reveals novel insights into regulation of lipid homeostasis. *Molecular Biology of the Cell*, **2014**, 25, 3234-46	3.5	51
129	Synthetic multivalent antifungal peptides effective against fungi. *PLoS ONE*, **2014**, 9, e87730	3.7	30
128	HCV 3a core protein increases lipid droplet cholesteryl ester content via a mechanism dependent on sphingolipid biosynthesis. *PLoS ONE*, **2014**, 9, e115309	3.7	15
127	The peroxisomal enzyme L-PBE is required to prevent the dietary toxicity of medium-chain fatty acids. *Cell Reports*, **2013**, 5, 248-58	10.6	32
126	TORC1 inhibits GSK3-mediated Elo2 phosphorylation to regulate very long chain fatty acid synthesis and autophagy. *Cell Reports*, **2013**, 5, 1036-46	10.6	30
125	Dynamic amphiphile libraries to screen for the "fragrant" delivery of siRNA into HeLa cells and human primary fibroblasts. *Journal of the American Chemical Society*, **2013**, 135, 9295-8	16.4	78
124	The yeast p5 type ATPase, spf1, regulates manganese transport into the endoplasmic reticulum. *PLoS ONE*, **2013**, 8, e85519	3.7	48
123	Lipidomic profiling of Saccharomyces cerevisiae and Zygosaccharomyces bailii reveals critical changes in lipid composition in response to acetic acid stress. *PLoS ONE*, **2013**, 8, e73936	3.7	81

122	Glycosylphosphatidylinositol **2013**, 2320-2323		
121	An essential function of sphingolipids in yeast cell division. *Molecular Microbiology*, **2012**, 84, 1018-32	4.1	41
120	Amphiphilic dynamic NDI and PDI probes: imaging microdomains in giant unilamellar vesicles. *Organic and Biomolecular Chemistry*, **2012**, 10, 6087-93	3.9	16
119	Glycosylphosphatidylinositol anchors regulate glycosphingolipid levels. *Journal of Lipid Research*, **2012**, 53, 1522-34	6.3	32
118	Yeast as a model system for studying lipid homeostasis and function. *FEBS Letters*, **2012**, 586, 2858-67	3.8	36
117	Plasma membrane stress induces relocalization of Slm proteins and activation of TORC2 to promote sphingolipid synthesis. *Nature Cell Biology*, **2012**, 14, 542-7	23.4	231
116	Loss of ceramide synthase 3 causes lethal skin barrier disruption. *Human Molecular Genetics*, **2012**, 21, 586-608	5.6	194
115	Activation of the unfolded protein response pathway causes ceramide accumulation in yeast and INS-1E insulinoma cells. *Journal of Lipid Research*, **2012**, 53, 412-420	6.3	27
114	Rsp5 ubiquitin ligase is required for protein trafficking in Saccharomyces cerevisiae COPI mutants. *PLoS ONE*, **2012**, 7, e39582	3.7	13
113	Chemical biology approaches to membrane homeostasis and function. *Chimia*, **2011**, 65, 849-52	1.3	3
112	Conceptually new entries into cells. *Chimia*, **2011**, 65, 853-8	1.3	10
111	Disruption of the ceramide synthase LOH1 causes spontaneous cell death in Arabidopsis thaliana. *New Phytologist*, **2011**, 192, 841-854	9.8	66
110	A stable yeast strain efficiently producing cholesterol instead of ergosterol is functional for tryptophan uptake, but not weak organic acid resistance. *Metabolic Engineering*, **2011**, 13, 555-69	9.7	72
109	Two pathways of sphingolipid biosynthesis are separated in the yeast Pichia pastoris. *Journal of Biological Chemistry*, **2011**, 286, 11401-14	5.4	54
108	Sorting of GPI-anchored proteins into ER exit sites by p24 proteins is dependent on remodeled GPI. *Journal of Cell Biology*, **2011**, 194, 61-75	7.3	91
107	An efficient method for the production of isotopically enriched cholesterol for NMR. *Journal of Lipid Research*, **2011**, 52, 1062-5	6.3	15
106	The yeast p24 complex regulates GPI-anchored protein transport and quality control by monitoring anchor remodeling. *Molecular Biology of the Cell*, **2011**, 22, 2924-36	3.5	93
105	Distribution and functions of sterols and sphingolipids. *Cold Spring Harbor Perspectives in Biology*, **2011**, 3,	10.2	110

104	A systems biology approach reveals the role of a novel methyltransferase in response to chemical stress and lipid homeostasis. *PLoS Genetics*, **2011**, 7, e1002332	6	16
103	Mathematical modeling and validation of the ergosterol pathway in Saccharomyces cerevisiae. *PLoS ONE*, **2011**, 6, e28344	3.7	16
102	Survival strategies of a sterol auxotroph. *Development (Cambridge)*, **2010**, 137, 3675-85	6.6	98
101	Yeast lipid analysis and quantification by mass spectrometry. *Methods in Enzymology*, **2010**, 470, 369-91	1.7	61
100	Structure and function of sphingosine-1-phosphate lyase, a key enzyme of sphingolipid metabolism. *Structure*, **2010**, 18, 1054-65	5.2	59
99	Protection of C. elegans from anoxia by HYL-2 ceramide synthase. *Science*, **2009**, 324, 381-4	33.3	127
98	Functional interactions between sphingolipids and sterols in biological membranes regulating cell physiology. *Molecular Biology of the Cell*, **2009**, 20, 2083-95	3.5	154
97	Concentration of GPI-anchored proteins upon ER exit in yeast. *Traffic*, **2009**, 10, 186-200	5.7	134
96	Methylation of the sterol nucleus by STRM-1 regulates dauer larva formation in Caenorhabditis elegans. *Developmental Cell*, **2009**, 16, 833-43	10.2	38
95	Chapter 13 Transport of GPI-Anchored Proteins: Connections to Sphingolipid and Sterol Transport. *The Enzymes*, **2009**, 26, 269-288	2.3	
94	Distinct acto/myosin-I structures associate with endocytic profiles at the plasma membrane. *Journal of Cell Biology*, **2008**, 180, 1219-32	7.3	118
93	Identifying key residues of sphinganine-1-phosphate lyase for function in vivo and in vitro. *Journal of Biological Chemistry*, **2008**, 283, 20159-69	5.4	15
92	Natamycin blocks fungal growth by binding specifically to ergosterol without permeabilizing the membrane. *Journal of Biological Chemistry*, **2008**, 283, 6393-401	5.4	157
91	The yeast p24 complex is required for the formation of COPI retrograde transport vesicles from the Golgi apparatus. *Journal of Cell Biology*, **2008**, 180, 713-20	7.3	50
90	Yeast ARV1 is required for efficient delivery of an early GPI intermediate to the first mannosyltransferase during GPI assembly and controls lipid flow from the endoplasmic reticulum. *Molecular Biology of the Cell*, **2008**, 19, 2069-82	3.5	84
89	The presence of an ER exit signal determines the protein sorting upon ER exit in yeast. *Biochemical Journal*, **2008**, 414, 237-45	3.8	5
88	Proteasome-independent functions of ubiquitin in endocytosis and signaling. *Science*, **2007**, 315, 201-5	33.3	924
87	The long and short of fatty acid synthesis. *Cell*, **2007**, 130, 587-8	56.2	21

86	Sch9 is a major target of TORC1 in Saccharomyces cerevisiae. *Molecular Cell*, **2007**, 26, 663-74	17.6	611
85	Sphingoid base is required for translation initiation during heat stress in Saccharomyces cerevisiae. *Molecular Biology of the Cell*, **2006**, 17, 1164-75	3.5	63
84	TEDS site phosphorylation of the yeast myosins I is required for ligand-induced but not for constitutive endocytosis of the G protein-coupled receptor Ste2p. *Journal of Biological Chemistry*, **2006**, 281, 11104-14	5.4	22
83	Organization and functions of sphingolipid biosynthesis in yeast. *Biochemical Society Transactions*, **2006**, 34, 367-9	5.1	10
82	Transmembrane topology of ceramide synthase in yeast. *Biochemical Journal*, **2006**, 398, 585-93	3.8	70
81	Sphingolipid Trafficking **2006**, 123-139		
80	Conformational changes in the Arp2/3 complex leading to actin nucleation. *Nature Structural and Molecular Biology*, **2005**, 12, 26-31	17.6	145
79	Lip1p: a novel subunit of acyl-CoA ceramide synthase. *EMBO Journal*, **2005**, 24, 730-41	13	120
78	The ins and outs of sphingolipid synthesis. *Trends in Cell Biology*, **2005**, 15, 312-8	18.3	257
77	Regulation of Glyoxysomal Enzymes during Germination of Cucumber. *FEBS Journal*, **2005**, 112, 469-477		43
76	Why Do Cells Require Heat Shock Proteins to Survive Heat Stress?. *Cell Cycle*, **2004**, 3, 60-62	4.7	49
75	Sorting GPI-anchored proteins. *Nature Reviews Molecular Cell Biology*, **2004**, 5, 110-20	48.7	341
74	Differential ER exit in yeast and mammalian cells. *Current Opinion in Cell Biology*, **2004**, 16, 350-5	9	47
73	Yeast Ras regulates the complex that catalyzes the first step in GPI-anchor biosynthesis at the ER. *Cell*, **2004**, 117, 637-48	56.2	54
72	Where sterols are required for endocytosis. *Biochimica Et Biophysica Acta - Biomembranes*, **2004**, 1666, 51-61	3.8	76
71	Why do cells require heat shock proteins to survive heat stress?. *Cell Cycle*, **2004**, 3, 61-3	4.7	26
70	Lcb4p is a key regulator of ceramide synthesis from exogenous long chain sphingoid base in Saccharomyces cerevisiae. *Journal of Biological Chemistry*, **2003**, 278, 7325-34	5.4	51
69	The ER v-SNAREs are required for GPI-anchored protein sorting from other secretory proteins upon exit from the ER. *Journal of Cell Biology*, **2003**, 162, 403-12	7.3	54

68	Increased ubiquitin-dependent degradation can replace the essential requirement for heat shock protein induction. *EMBO Journal*, **2003**, 22, 3783-91	13	56
67	Genetic and biochemical interactions between the Arp2/3 complex, Cmd1p, casein kinase II, and Tub4p in yeast. *FEMS Yeast Research*, **2003**, 4, 37-49	3.1	16
66	Drs2p-related P-type ATPases Dnf1p and Dnf2p are required for phospholipid translocation across the yeast plasma membrane and serve a role in endocytosis. *Molecular Biology of the Cell*, **2003**, 14, 1240-54	3.5	302
65	Ordering of compartments in the yeast endocytic pathway. *Traffic*, **2002**, 3, 37-49	5.7	54
64	Rho1p mutations specific for regulation of beta(1-->3)glucan synthesis and the order of assembly of the yeast cell wall. *Molecular Microbiology*, **2002**, 44, 1167-83	4.1	32
63	Upstream of growth and differentiation factor 1 (uog1), a mammalian homolog of the yeast longevity assurance gene 1 (LAG1), regulates N-stearoyl-sphinganine (C18-(dihydro)ceramide) synthesis in a fumonisin B1-independent manner in mammalian cells. *Journal of Biological Chemistry*, **2002**, 277, 35642-9	5.4	215
62	Scd5p and clathrin function are important for cortical actin organization, endocytosis, and localization of sla2p in yeast. *Molecular Biology of the Cell*, **2002**, 13, 2607-25	3.5	54
61	Multiple functions of sterols in yeast endocytosis. *Molecular Biology of the Cell*, **2002**, 13, 2664-80	3.5	131
60	Sphingolipids are required for the stable membrane association of glycosylphosphatidylinositol-anchored proteins in yeast. *Journal of Biological Chemistry*, **2002**, 277, 49538-44	5.4	84
59	Biosynthesis and trafficking of sphingolipids in the yeast Saccharomyces cerevisiae. *Biochemistry*, **2002**, 41, 15105-14	3.2	60
58	The Rab GTPase Ypt1p and tethering factors couple protein sorting at the ER to vesicle targeting to the Golgi apparatus. *Developmental Cell*, **2002**, 2, 307-17	10.2	97
57	Identification and characterization of Saccharomyces cerevisiae mutants defective in fluid-phase endocytosis. *Yeast*, **2001**, 18, 759-73	3.4	52
56	Sphingoid base signaling via Pkh kinases is required for endocytosis in yeast. *EMBO Journal*, **2001**, 20, 6783-92	13	141
55	Vesicular and nonvesicular transport of ceramide from ER to the Golgi apparatus in yeast. *Journal of Cell Biology*, **2001**, 155, 949-59	7.3	154
54	Rvs161p and Rvs167p, the two yeast amphiphysin homologs, function together in vivo. *Journal of Biological Chemistry*, **2001**, 276, 6016-22	5.4	44
53	Skp1p and the F-box protein Rcy1p form a non-SCF complex involved in recycling of the SNARE Snc1p in yeast. *Molecular and Cellular Biology*, **2001**, 21, 3105-17	4.8	142
52	Lag1p and Lac1p are essential for the Acyl-CoA-dependent ceramide synthase reaction in Saccharomyces cerevisae. *Molecular Biology of the Cell*, **2001**, 12, 3417-27	3.5	227
51	Protein sorting upon exit from the endoplasmic reticulum. *Cell*, **2001**, 104, 313-20	56.2	208

50	Specific retrieval of the exocytic SNARE Snc1p from early yeast endosomes. *Molecular Biology of the Cell*, **2000**, 11, 23-38	3.5	295
49	Functional interactions between the p35 subunit of the Arp2/3 complex and calmodulin in yeast. *Molecular Biology of the Cell*, **2000**, 11, 1113-27	3.5	40
48	The F-box protein Rcy1p is involved in endocytic membrane traffic and recycling out of an early endosome in Saccharomyces cerevisiae. *Journal of Cell Biology*, **2000**, 149, 397-410	7.3	140
47	The Emp24 complex recruits a specific cargo molecule into endoplasmic reticulum-derived vesicles. *Journal of Cell Biology*, **2000**, 148, 925-30	7.3	218
46	Gaa1p and gpi8p are components of a glycosylphosphatidylinositol (GPI) transamidase that mediates attachment of GPI to proteins. *Molecular Biology of the Cell*, **2000**, 11, 1523-33	3.5	112
45	Protein and lipid requirements for endocytosis. *Annual Review of Genetics*, **2000**, 34, 255-295	14.5	107
44	Pig-n, a mammalian homologue of yeast Mcd4p, is involved in transferring phosphoethanolamine to the first mannose of the glycosylphosphatidylinositol. *Journal of Biological Chemistry*, **1999**, 274, 35099-106	5.4	109
43	Specific sterols required for the internalization step of endocytosis in yeast. *Molecular Biology of the Cell*, **1999**, 10, 3943-57	3.5	136
42	Clathrin functions in the absence of heterotetrameric adaptors and AP180-related proteins in yeast. *EMBO Journal*, **1999**, 18, 3897-908	13	122
41	Distinct functions of calmodulin are required for the uptake step of receptor-mediated endocytosis in yeast: the type I myosin Myo5p is one of the calmodulin targets. *EMBO Journal*, **1998**, 17, 635-47	13	51
40	Conformation and Relative Configuration of a Very Potent Glycosylphosphatidylinositol-Anchoring Inhibitor with an Unusual Tricarbocyclic Sesterterpenoid δ-Lactone Skeleton from the Fungus Paecilomyces inflatus. *Helvetica Chimica Acta*, **1998**, 81, 2031-2042	2	12
39	A glycosylphosphatidylinositol-anchoring inhibitor with an unusual tetracarbocyclic sesterterpene skeleton from the fungus Codinaea simplex. *Tetrahedron*, **1998**, 54, 6415-6426	2.4	19
38	Protein traffic in the yeast endocytic and vacuolar protein sorting pathways. *Current Opinion in Cell Biology*, **1998**, 10, 513-22	9	154
37	Down regulation of yeast G protein-coupled receptors. *Seminars in Cell and Developmental Biology*, **1998**, 9, 129-34	7.5	11
36	A yeast t-SNARE involved in endocytosis. *Molecular Biology of the Cell*, **1998**, 9, 2873-89	3.5	80
35	Cytoplasmic tail phosphorylation of the alpha-factor receptor is required for its ubiquitination and internalization. *Journal of Cell Biology*, **1998**, 141, 349-58	7.3	254
34	Morphology of the yeast endocytic pathway. *Molecular Biology of the Cell*, **1998**, 9, 173-89	3.5	101
33	Saccharomyces cerevisiae GPI10, the functional homologue of human PIG-B, is required for glycosylphosphatidylinositol-anchor synthesis. *Biochemical Journal*, **1998**, 332 (Pt 1), 153-9	3.8	81

32	The ins and outs of protein translocation. *Science*, **1997**, 278, 1728-9	33.3	21
31	Linking cargo to vesicle formation: receptor tail interactions with coat proteins. *Current Opinion in Cell Biology*, **1997**, 9, 488-95	9	360
30	Identification of a species-specific inhibitor of glycosylphosphatidylinositol synthesis. *EMBO Journal* , **1997**, 16, 6374-83	13	82
29	Ubiquitination of a yeast plasma membrane receptor signals its ligand-stimulated endocytosis. *Cell*, **1996**, 84, 277-87	56.2	685
28	Actin-, myosin- and ubiquitin-dependent endocytosis. *Experientia*, **1996**, 52, 1033-41		81
27	Transcriptional studies on yeast SEC genes provide no evidence for regulation at the transcriptional level. *Yeast*, **1995**, 11, 901-11	3.4	8
26	The Golgi-localization of yeast Emp47p depends on its di-lysine motif but is not affected by the ret1-1 mutation in alpha-COP. *Journal of Cell Biology*, **1995**, 131, 895-912	7.3	169
25	The END3 gene encodes a protein that is required for the internalization step of endocytosis and for actin cytoskeleton organization in yeast. *Biology of the Cell*, **1995**, 84, 119-119	3.5	
24	Endocytosis is required for the growth of vacuolar H(+)-ATPase-defective yeast: identification of six new END genes. *Journal of Cell Biology*, **1994**, 127, 373-86	7.3	240
23	Rapid protein extraction from Saccharomyces cerevisiae. *Yeast*, **1994**, 10, 1305-10	3.4	140
22	Coatomer is essential for retrieval of dilysine-tagged proteins to the endoplasmic reticulum. *Cell*, **1994**, 79, 1199-207	56.2	699
21	end3 and end4: two mutants defective in receptor-mediated and fluid-phase endocytosis in Saccharomyces cerevisiae. *Journal of Cell Biology*, **1993**, 120, 55-65	7.3	361
20	Yeast endocytosis. *Trends in Cell Biology*, **1993**, 3, 273-7	18.3	72
19	Three clathrin-dependent budding steps and cell polarity. *Trends in Cell Biology*, **1993**, 3, 330-2	18.3	14
18	Yeast pheromone receptor endocytosis and hyperphosphorylation are independent of G protein-mediated signal transduction. *Cell*, **1992**, 71, 755-63	56.2	68
17	Receptor-Mediated Endocytosis of Factor by S. Cerevisiae a Cells **1992**, 467-473		
16	Yeast endocytosis assays. *Methods in Enzymology*, **1991**, 194, 697-710	1.7	171
15	Detection of an intermediate compartment involved in transport of alpha-factor from the plasma membrane to the vacuole in yeast. *Journal of Cell Biology*, **1990**, 110, 1911-22	7.3	109

14	Biosynthesis of the Torpedo californica acetylcholine receptor alpha subunit in yeast. *Science*, **1986**, 231, 1284-7	33.3	58
13	Endocytosis in yeast. *Trends in Biochemical Sciences*, **1986**, 11, 325-328	10.3	27
12	Two yeast mutants defective in endocytosis are defective in pheromone response. *Cell*, **1986**, 46, 355-64	56.2	160
11	Endocytosis in yeast: several of the yeast secretory mutants are defective in endocytosis. *Cell*, **1985**, 40, 1001-9	56.2	265
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