

# Maya Schuldiner

## List of Publications by Citations

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151  
papers

12,875  
citations

51  
h-index

113  
g-index

195  
ext. papers

15,199  
ext. citations

11.1  
avg, IF

6.38  
L-index

#	Paper	IF	Citations
151	Differentiation of Human Embryonic Stem Cells into Embryoid Bodies Comprising the Three Embryonic Germ Layers. <i>Molecular Medicine</i> , <b>2000</b> , 6, 88-95	6.2	1206
150	An ER-mitochondria tethering complex revealed by a synthetic biology screen. <i>Science</i> , <b>2009</b> , 325, 477-81	33.3	935
149	Functional dissection of protein complexes involved in yeast chromosome biology using a genetic interaction map. <i>Nature</i> , <b>2007</b> , 446, 806-10	50.4	731
148	Exploration of the function and organization of the yeast early secretory pathway through an epistatic miniarray profile. <i>Cell</i> , <b>2005</b> , 123, 507-19	56.2	706
147	Cotranscriptional set2 methylation of histone H3 lysine 36 recruits a repressive Rpd3 complex. <i>Cell</i> , <b>2005</b> , 123, 593-605	56.2	621
146	Characterization of the expression of MHC proteins in human embryonic stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 9864-9	11.5	541
145	Comprehensive characterization of genes required for protein folding in the endoplasmic reticulum. <i>Science</i> , <b>2009</b> , 323, 1693-7	33.3	517
144	A comprehensive strategy enabling high-resolution functional analysis of the yeast genome. <i>Nature Methods</i> , <b>2008</b> , 5, 711-8	21.6	376
143	Induced neuronal differentiation of human embryonic stem cells. <i>Brain Research</i> , <b>2001</b> , 913, 201-5	3.7	375
142	The GET complex mediates insertion of tail-anchored proteins into the ER membrane. <i>Cell</i> , <b>2008</b> , 134, 634-45	56.2	351
141	A mitochondrial-focused genetic interaction map reveals a scaffold-like complex required for inner membrane organization in mitochondria. <i>Journal of Cell Biology</i> , <b>2011</b> , 195, 323-40	7.3	335
140	Establishment of human embryonic stem cell-transfected clones carrying a marker for undifferentiated cells. <i>Current Biology</i> , <b>2001</b> , 11, 514-8	6.3	323
139	A dynamic interface between vacuoles and mitochondria in yeast. <i>Developmental Cell</i> , <b>2014</b> , 30, 95-102	10.2	266
138	A strategy for extracting and analyzing large-scale quantitative epistatic interaction data. <i>Genome Biology</i> , <b>2006</b> , 7, R63	18.3	245
137	Coming together to define membrane contact sites. <i>Nature Communications</i> , <b>2019</b> , 10, 1287	17.4	229
136	Selective ablation of human embryonic stem cells expressing a "suicide" gene. <i>Stem Cells</i> , <b>2003</b> , 21, 257-65	6.8	228
135	Definition of a High-Confidence Mitochondrial Proteome at Quantitative Scale. <i>Cell Reports</i> , <b>2017</b> , 19, 2836-2852	10.6	212

134	A Tether Is a Tether Is a Tether: Tethering at Membrane Contact Sites. <i>Developmental Cell</i> , <b>2016</b> , 39, 395-409	10.2	206
133	Staying in touch: the molecular era of organelle contact sites. <i>Trends in Biochemical Sciences</i> , <b>2011</b> , 36, 616-23	10.3	170
132	Modeling for Lesch-Nyhan disease by gene targeting in human embryonic stem cells. <i>Stem Cells</i> , <b>2004</b> , 22, 635-41	5.8	155
131	A novel single-cell screening platform reveals proteome plasticity during yeast stress responses. <i>Journal of Cell Biology</i> , <b>2013</b> , 200, 839-50	7.3	149
130	Confinement to organelle-associated inclusion structures mediates asymmetric inheritance of aggregated protein in budding yeast. <i>Cell Reports</i> , <b>2012</b> , 2, 738-47	10.6	148
129	Systematic mapping of contact sites reveals tethers and a function for the peroxisome-mitochondria contact. <i>Nature Communications</i> , <b>2018</b> , 9, 1761	17.4	142
128	Lam6 Regulates the Extent of Contacts between Organelles. <i>Cell Reports</i> , <b>2015</b> , 12, 7-14	10.6	140
127	A network of cytosolic factors targets SRP-independent proteins to the endoplasmic reticulum. <i>Cell</i> , <b>2013</b> , 152, 1134-45	56.2	132
126	A different kind of love - lipid droplet contact sites. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2017</b> , 1862, 1188-1196	5	122
125	The SND proteins constitute an alternative targeting route to the endoplasmic reticulum. <i>Nature</i> , <b>2016</b> , 540, 134-138	50.4	120
124	Backup without redundancy: genetic interactions reveal the cost of duplicate gene loss. <i>Molecular Systems Biology</i> , <b>2007</b> , 3, 86	12.2	115
123	One library to make them all: streamlining the creation of yeast libraries via a SWAp-Tag strategy. <i>Nature Methods</i> , <b>2016</b> , 13, 371-378	21.6	96
122	No peroxisome is an island - Peroxisome contact sites. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2016</b> , 1863, 1061-9	4.9	96
121	Ergosterol content specifies targeting of tail-anchored proteins to mitochondrial outer membranes. <i>Molecular Biology of the Cell</i> , <b>2012</b> , 23, 3927-35	3.5	86
120	Rapid creation and quantitative monitoring of high coverage shRNA libraries. <i>Nature Methods</i> , <b>2009</b> , 6, 443-5	21.6	82
119	A defect in the RNA-processing protein HNRPDL causes limb-girdle muscular dystrophy 1G (LGMD1G). <i>Human Molecular Genetics</i> , <b>2014</b> , 23, 4103-10	5.6	79
118	A novel single-cell screening platform reveals proteome plasticity during yeast stress responses. <i>Journal of Cell Biology</i> , <b>2013</b> , 201, 353-353	7.3	78
117	Identification of seipin-linked factors that act as determinants of a lipid droplet subpopulation. <i>Journal of Cell Biology</i> , <b>2018</b> , 217, 269-282	7.3	75

116	Peroxisomes are juxtaposed to strategic sites on mitochondria. <i>Molecular BioSystems</i> , <b>2014</b> , 10, 1742-8		74
115	Genome-wide SWAp-Tag yeast libraries for proteome exploration. <i>Nature Methods</i> , <b>2018</b> , 15, 617-622	21.6	71
114	The PH gene determines fruit acidity and contributes to the evolution of sweet melons. <i>Nature Communications</i> , <b>2014</b> , 5, 4026	17.4	70
113	A systematic approach to pair secretory cargo receptors with their cargo suggests a mechanism for cargo selection by Erv14. <i>PLoS Biology</i> , <b>2012</b> , 10, e1001329	9.7	70
112	APOL1-Mediated Cell Injury Involves Disruption of Conserved Trafficking Processes. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2017</b> , 28, 1117-1130	12.7	69
111	Targeting and translocation of proteins to the endoplasmic reticulum at a glance. <i>Journal of Cell Science</i> , <b>2017</b> , 130, 4079-4085	5.3	69
110	An ER surface retrieval pathway safeguards the import of mitochondrial membrane proteins in yeast. <i>Science</i> , <b>2018</b> , 361, 1118-1122	33.3	69
109	The emergence of proteome-wide technologies: systematic analysis of proteins comes of age. <i>Nature Reviews Molecular Cell Biology</i> , <b>2014</b> , 15, 453-64	48.7	67
108	OM14 is a mitochondrial receptor for cytosolic ribosomes that supports co-translational import into mitochondria. <i>Nature Communications</i> , <b>2014</b> , 5, 5711	17.4	67
107	Lipid Droplets Are Essential for Efficient Clearance of Cytosolic Inclusion Bodies. <i>Developmental Cell</i> , <b>2015</b> , 33, 603-10	10.2	65
106	Advanced methods for high-throughput microscopy screening of genetically modified yeast libraries. <i>Methods in Molecular Biology</i> , <b>2011</b> , 781, 127-59	1.4	64
105	The back and forth of cargo exit from the endoplasmic reticulum. <i>Current Biology</i> , <b>2014</b> , 24, R130-6	6.3	61
104	The Protease Ste24 Clears Clogged Translocons. <i>Cell</i> , <b>2016</b> , 164, 103-114	56.2	60
103	Formation and dissociation of proteasome storage granules are regulated by cytosolic pH. <i>Journal of Cell Biology</i> , <b>2013</b> , 201, 663-71	7.3	52
102	Ground control to major TOM: mitochondria-nucleus communication. <i>FEBS Journal</i> , <b>2017</b> , 284, 196-210	5.7	51
101	The role of Djp1 in import of the mitochondrial protein Mim1 demonstrates specificity between a cochaperone and its substrate protein. <i>Molecular and Cellular Biology</i> , <b>2013</b> , 33, 4083-94	4.8	51
100	LoQAtE--Localization and Quantitation ATlas of the yeast proteomE. A new tool for multiparametric dissection of single-protein behavior in response to biological perturbations in yeast. <i>Nucleic Acids Research</i> , <b>2014</b> , 42, D726-30	20.1	50
99	The yeast p5 type ATPase, spf1, regulates manganese transport into the endoplasmic reticulum. <i>PLoS ONE</i> , <b>2013</b> , 8, e85519	3.7	48

98	Identification of yeast proteins necessary for cell-surface function of a potassium channel. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 18079-84	11.5	44
97	The yeast ER-intramembrane protease Ypf1 refines nutrient sensing by regulating transporter abundance. <i>Molecular Cell</i> , <b>2014</b> , 56, 630-40	17.6	40
96	Cytosolic Events in the Biogenesis of Mitochondrial Proteins. <i>Trends in Biochemical Sciences</i> , <b>2020</b> , 45, 650-667	10.3	39
95	A pathway of targeted autophagy is induced by DNA damage in budding yeast. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E1158-E1167	11.5	37
94	Characterization of proteome dynamics during growth in oleate reveals a new peroxisome-targeting receptor. <i>Journal of Cell Science</i> , <b>2016</b> , 129, 4067-4075	5.3	37
93	hSnd2 protein represents an alternative targeting factor to the endoplasmic reticulum in human cells. <i>FEBS Letters</i> , <b>2017</b> , 591, 3211-3224	3.8	37
92	Promethin Is a Conserved Seipin Partner Protein. <i>Cells</i> , <b>2019</b> , 8,	7.9	35
91	Natural genetic variation for expression of a SWEET transporter among wild species of <i>Solanum lycopersicum</i> (tomato) determines the hexose composition of ripening tomato fruit. <i>Plant Journal</i> , <b>2018</b> , 96, 343-357	6.9	35
90	Get3 is a holdase chaperone and moves to deposition sites for aggregated proteins when membrane targeting is blocked. <i>Journal of Cell Science</i> , <b>2013</b> , 126, 473-83	5.3	35
89	Starvation-Dependent Regulation of Golgi Quality Control Links the TOR Signaling and Vacuolar Protein Sorting Pathways. <i>Cell Reports</i> , <b>2015</b> , 12, 1876-86	10.6	31
88	Assessment of GFP Tag Position on Protein Localization and Growth Fitness in Yeast. <i>Journal of Molecular Biology</i> , <b>2019</b> , 431, 636-641	6.5	30
87	A cytosolic degradation pathway, prERAD, monitors pre-inserted secretory pathway proteins. <i>Journal of Cell Science</i> , <b>2014</b> , 127, 3017-23	5.3	30
86	Embracing the void--how much do we really know about targeting and translocation to the endoplasmic reticulum?. <i>Current Opinion in Cell Biology</i> , <b>2014</b> , 29, 8-17	9	30
85	Compartmentalized Synthesis of Triacylglycerol at the Inner Nuclear Membrane Regulates Nuclear Organization. <i>Developmental Cell</i> , <b>2019</b> , 50, 755-766.e6	10.2	28
84	All roads lead to Rome (but some may be harder to travel): SRP-independent translocation into the endoplasmic reticulum. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , <b>2013</b> , 48, 273-88	8.7	27
83	Primers-4-Yeast: a comprehensive web tool for planning primers for <i>Saccharomyces cerevisiae</i> . <i>Yeast</i> , <b>2014</b> , 31, 77-80	3.4	27
82	Getting the whole picture: combining throughput with content in microscopy. <i>Journal of Cell Science</i> , <b>2011</b> , 124, 3743-51	5.3	27
81	Interactions of subunit CCT3 in the yeast chaperonin CCT/TRiC with Q/N-rich proteins revealed by high-throughput microscopy analysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 18833-8	11.5	27

80	Genome-Wide Screens in <i>Saccharomyces cerevisiae</i> Highlight a Role for Cardiolipin in Biogenesis of Mitochondrial Outer Membrane Multispan Proteins. <i>Molecular and Cellular Biology</i> , <b>2015</b> , 35, 3200-11	4.8	25
79	Mind the Organelle Gap - Peroxisome Contact Sites in Disease. <i>Trends in Biochemical Sciences</i> , <b>2018</b> , 43, 199-210	10.3	25
78	The yeast oligopeptide transporter Opt2 is localized to peroxisomes and affects glutathione redox homeostasis. <i>FEMS Yeast Research</i> , <b>2014</b> , 14, 1055-67	3.1	25
77	Mice lacking WRB reveal differential biogenesis requirements of tail-anchored proteins in vivo. <i>Scientific Reports</i> , <b>2016</b> , 6, 39464	4.9	25
76	Making Sense of the Yeast Sphingolipid Pathway. <i>Journal of Molecular Biology</i> , <b>2016</b> , 428, 4765-4775	6.5	24
75	The NADH Dehydrogenase Nde1 Executes Cell Death after Integrating Signals from Metabolism and Proteostasis on the Mitochondrial Surface. <i>Molecular Cell</i> , <b>2020</b> , 77, 189-202.e6	17.6	24
74	The Endoplasmic Reticulum-Mitochondria Encounter Structure Complex Coordinates Coenzyme Q Biosynthesis. <i>Contact (Thousand Oaks (Ventura County, Calif))</i> , <b>2019</b> , 2, 2515256418825409	2.6	23
73	Iron affects Ire1 clustering propensity and the amplitude of endoplasmic reticulum stress signaling. <i>Journal of Cell Science</i> , <b>2017</b> , 130, 3222-3233	5.3	23
72	Modularity and directionality in genetic interaction maps. <i>Bioinformatics</i> , <b>2010</b> , 26, i228-36	7.2	23
71	The GET pathway can increase the risk of mitochondrial outer membrane proteins to be mistargeted to the ER. <i>Journal of Cell Science</i> , <b>2018</b> , 131,	5.3	22
70	Accurate, model-based tuning of synthetic gene expression using introns in <i>S. cerevisiae</i> . <i>PLoS Genetics</i> , <b>2014</b> , 10, e1004407	6	22
69	Mitochatting - If only we could be a fly on the cell wall. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2017</b> , 1864, 1469-1480	4.9	21
68	Heterosis as a consequence of regulatory incompatibility. <i>BMC Biology</i> , <b>2017</b> , 15, 38	7.3	20
67	<i>Saccharomyces cerevisiae</i> cells lacking Pex3 contain membrane vesicles that harbor a subset of peroxisomal membrane proteins. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2017</b> , 1864, 1656-1667	4.9	19
66	The chaperone-binding activity of the mitochondrial surface receptor Tom70 protects the cytosol against mitoprotein-induced stress. <i>Cell Reports</i> , <b>2021</b> , 35, 108936	10.6	19
65	Factors controlling human embryonic stem cell differentiation. <i>Methods in Enzymology</i> , <b>2003</b> , 365, 446-61.7		18
64	Temporal profiling of redox-dependent heterogeneity in single cells. <i>ELife</i> , <b>2018</b> , 7,	8.9	18
63	YeastRGB: comparing the abundance and localization of yeast proteins across cells and libraries. <i>Nucleic Acids Research</i> , <b>2019</b> , 47, D1245-D1249	20.1	18

62	Pex35 is a regulator of peroxisome abundance. <i>Journal of Cell Science</i> , <b>2017</b> , 130, 791-804	5.3	17
61	An unrecognized function for COPII components in recruiting the viral replication protein BMV 1a to the perinuclear ER. <i>Journal of Cell Science</i> , <b>2016</b> , 129, 3597-3608	5.3	17
60	Stepping outside the comfort zone of membrane contact site research. <i>Nature Reviews Molecular Cell Biology</i> , <b>2018</b> , 19, 483-484	48.7	17
59	Toolbox: Creating a systematic database of secretory pathway proteins uncovers new cargo for COPI. <i>Traffic</i> , <b>2018</b> , 19, 370-379	5.7	13
58	High-throughput ultrastructure screening using electron microscopy and fluorescent barcoding. <i>Journal of Cell Biology</i> , <b>2019</b> , 218, 2797-2811	7.3	13
57	AMPK regulates ESCRT-dependent microautophagy of proteasomes concomitant with proteasome storage granule assembly during glucose starvation. <i>PLoS Genetics</i> , <b>2019</b> , 15, e1008387	6	13
56	Cytotoxicity of 1-deoxysphingolipid unraveled by genome-wide genetic screens and lipidomics in. <i>Molecular Biology of the Cell</i> , <b>2019</b> , 30, 2814-2826	3.5	11
55	The contribution of systematic approaches to characterizing the proteins and functions of the endoplasmic reticulum. <i>Cold Spring Harbor Perspectives in Biology</i> , <b>2013</b> , 5, a013284	10.2	11
54	Defining the Mammalian Peroxisomal Proteome. <i>Sub-Cellular Biochemistry</i> , <b>2018</b> , 89, 47-66	5.5	11
53	Incredibly close-A newly identified peroxisome-ER contact site in humans. <i>Journal of Cell Biology</i> , <b>2017</b> , 216, 287-289	7.3	10
52	Yeast ceramide synthases, Lag1 and Lac1, have distinct substrate specificity. <i>Journal of Cell Science</i> , <b>2019</b> , 132,	5.3	10
51	Explorations in topology-delving underneath the surface of genetic interaction maps. <i>Molecular BioSystems</i> , <b>2009</b> , 5, 1473-81		10
50	New horizons in mitochondrial contact site research. <i>Biological Chemistry</i> , <b>2020</b> , 401, 793-809	4.5	10
49	Pex14p Phosphorylation Modulates Import of Citrate Synthase 2 Into Peroxisomes in. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 549451	5.7	10
48	The ER protein Ema19 facilitates the degradation of nonimported mitochondrial precursor proteins. <i>Molecular Biology of the Cell</i> , <b>2021</b> , 32, 664-674	3.5	10
47	Yeast phospholipid biosynthesis is linked to mRNA localization. <i>Journal of Cell Science</i> , <b>2014</b> , 127, 3373-81	5.3	9
46	Noncanonical regulation of phosphatidylserine metabolism by a Sec14-like protein and a lipid kinase. <i>Journal of Cell Biology</i> , <b>2020</b> , 219,	7.3	9
45	Protein Topology Prediction Algorithms Systematically Investigated in the Yeast <i>Saccharomyces cerevisiae</i> . <i>BioEssays</i> , <b>2019</b> , 41, e1800252	4.1	8

44	Characterization of an M28 metalloprotease family member residing in the yeast vacuole. <i>FEMS Yeast Research</i> , <b>2013</b> , 13, 471-84	3.1	8
43	Cargo Release from Myosin V Requires the Convergence of Parallel Pathways that Phosphorylate and Ubiquitylate the Cargo Adaptor. <i>Current Biology</i> , <b>2020</b> , 30, 4399-4412.e7	6.3	8
42	A piggybacking mechanism enables peroxisomal localization of the glyoxylate cycle enzyme Mdh2 in yeast. <i>Journal of Cell Science</i> , <b>2020</b> , 133,	5.3	8
41	Uncovering targeting priority to yeast peroxisomes using an in-cell competition assay. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 21432-21440	11.5	8
40	Syp1 regulates the clathrin-mediated and clathrin-independent endocytosis of multiple cargo proteins through a novel sorting motif. <i>Molecular Biology of the Cell</i> , <b>2017</b> , 28, 2434-2448	3.5	7
39	Combining Deep Sequencing, Proteomics, Phosphoproteomics, and Functional Screens To Discover Novel Regulators of Sphingolipid Homeostasis. <i>Journal of Proteome Research</i> , <b>2017</b> , 16, 571-582	5.6	7
38	Water-Transfer Slows Aging in <i>Saccharomyces cerevisiae</i> . <i>PLoS ONE</i> , <b>2016</b> , 11, e0148650	3.7	7
37	Two novel effectors of trafficking and maturation of the yeast plasma membrane H <sup>+</sup> -ATPase. <i>Traffic</i> , <b>2017</b> , 18, 672-682	5.7	6
36	Cnm1 mediates nucleus-mitochondria contact site formation in response to phospholipid levels. <i>Journal of Cell Biology</i> , <b>2021</b> , 220,	7.3	6
35	Double the Fun, Double the Trouble: Paralogs and Homologs Functioning in the Endoplasmic Reticulum. <i>Annual Review of Biochemistry</i> , <b>2020</b> , 89, 637-666	29.1	5
34	Protein degradation: BAGging up the trash. <i>Current Biology</i> , <b>2011</b> , 21, R692-5	6.3	5
33	Weizmann Young PI forum: The power of peer support. <i>Molecular Cell</i> , <b>2009</b> , 36, 913-5	17.6	5
32	Validation of a yeast malate dehydrogenase 2 (Mdh2) antibody tested for use in western blots. <i>F1000Research</i> , <b>2018</b> , 7, 130	3.6	5
31	Peroxisome Mini-Libraries: Systematic Approaches to Study Peroxisomes Made Easy. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1595, 305-318	1.4	4
30	Disease-causing mutations in subunits of OXPHOS complex I affect certain physical interactions. <i>Scientific Reports</i> , <b>2019</b> , 9, 9987	4.9	4
29	Translational Regulation of Pmt1 and Pmt2 by Bfr1 Affects Unfolded Protein O-Mannosylation. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	4
28	Validation of a yeast malate dehydrogenase 2 (Mdh2) antibody tested for use in western blots. <i>F1000Research</i> , <b>2018</b> , 7, 130	3.6	4
27	Post-ER degradation of misfolded GPI-anchored proteins is linked with microautophagy. <i>Current Biology</i> , <b>2021</b> , 31, 4025-4037.e5	6.3	4



26	Peroxisystem: harnessing systems cell biology to study peroxisomes. <i>Biology of the Cell</i> , <b>2015</b> , 107, 89-97.5	3	3
25	Database for High Throughput Screening Hits (dHITS): a simple tool to retrieve gene specific phenotypes from systematic screens done in yeast. <i>Yeast</i> , <b>2018</b> , 35, 477-483	3.4	3
24	Cellular Consequences of Diminished Protein O-Mannosyltransferase Activity in Baker's Yeast. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	3
23	The mitochondrial surface receptor Tom70 protects the cytosol against mitoprotein-induced stress		3
22	The mitochondrial intermembrane space-facing proteins Mcp2 and Tgl2 are involved in yeast lipid metabolism. <i>Molecular Biology of the Cell</i> , <b>2019</b> , 30, 2681-2694	3.5	2
21	Transfer of the Septin Ring to Cytokinetic Remnants in ER Stress Directs Age-Sensitive Cell-Cycle Re-entry. <i>Developmental Cell</i> , <b>2019</b> , 51, 173-191.e5	10.2	2
20	Peroxisome function relies on organelle-associated mRNA translation.. <i>Science Advances</i> , <b>2022</b> , 8, eabk21413	14.3	2
19	Unbiased yeast screens identify cellular pathways affected in Niemann-Pick disease type C. <i>Life Science Alliance</i> , <b>2020</b> , 3,	5.8	2
18	Overexpression of branched-chain amino acid aminotransferases rescues the growth defects of cells lacking the Barth syndrome-related gene TAZ1. <i>Journal of Molecular Medicine</i> , <b>2019</b> , 97, 269-279	5.5	2
17	Organelle structure and biogenesis. <i>Molecular Biology of the Cell</i> , <b>2011</b> , 22, 723	3.5	1
16	Genetics. The DNA damage road map. <i>Science</i> , <b>2010</b> , 330, 1327-8	33.3	1
15	A similarity-based method for predicting enzymatic functions in yeast uncovers a new AMP hydrolase.. <i>Journal of Molecular Biology</i> , <b>2022</b> , 434, 167478	6.5	1
14	Show your true color: Mammalian cell surface staining for tracking cellular identity in multiplexing and beyond. <i>Current Opinion in Chemical Biology</i> , <b>2021</b> , 66, 102102	9.7	1
13	Systematic analysis of membrane contact sites in <i>Saccharomyces cerevisiae</i> uncovers modulators of cellular lipid distribution		1
12	Systematic assessment of GFP tag position on protein localization and growth fitness in yeast		1
11	A molecular switch for Cdc48 activity and localization during oxidative stress and aging		1
10	The Fast and the Furious: Golgi Contact Sites.. <i>Contact (Thousand Oaks (Ventura County, Calif))</i> , <b>2021</b> , 4, 1-15	2.6	1
9	Widespread use of unconventional targeting signals in mitochondrial ribosome proteins. <i>EMBO Journal</i> , <b>2021</b> , e109519	13	0

- 8 Maya Schuldiner. *Current Biology*, **2017**, 27, R982-R984 6.3
- 7 Genetic Interaction mapping of essential genes in *Saccharomyces cerevisiae*. *FASEB Journal*, **2007**, 21, A1004 0.9
- 6 Novel Regulation of Lipid Metabolism by a Phosphatidylinositol Transfer Protein and a Phosphatidylinositol 4-Kinase. *FASEB Journal*, **2019**, 33, lb330 0.9
- 5 Using high content microscopy screening to uncover insertion pathways for transmembrane proteins. *FASEB Journal*, **2011**, 25, 194.3 0.9
- 4 AMPK regulates ESCRT-dependent microautophagy of proteasomes concomitant with proteasome storage granule assembly during glucose starvation **2019**, 15, e1008387
- 3 AMPK regulates ESCRT-dependent microautophagy of proteasomes concomitant with proteasome storage granule assembly during glucose starvation **2019**, 15, e1008387
- 2 AMPK regulates ESCRT-dependent microautophagy of proteasomes concomitant with proteasome storage granule assembly during glucose starvation **2019**, 15, e1008387
- 1 AMPK regulates ESCRT-dependent microautophagy of proteasomes concomitant with proteasome storage granule assembly during glucose starvation **2019**, 15, e1008387