List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	The lipid droplet protein Pgc1 controls the subcellular distribution of phosphatidylglycerol. FEMS Yeast Research, 2019, 19, .	2.3	3
2	The role of the membrane lipid composition in the oxidative stress tolerance of different wine yeasts. Food Microbiology, 2019, 78, 143-154.	4.2	37
3	Identification and characterization of the mitochondrial membrane sorting signals in phosphatidylserine decarboxylase 1 from Saccharomyces cerevisiae. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2018, 1863, 117-125.	2.4	1
4	Melatonin Minimizes the Impact of Oxidative Stress Induced by Hydrogen Peroxide in Saccharomyces and Non-conventional Yeast. Frontiers in Microbiology, 2018, 9, 1933.	3.5	24
5	Involvement of a putative substrate binding site in the biogenesis and assembly of phosphatidylserine decarboxylase 1 from Saccharomyces cerevisiae. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2017, 1862, 716-725.	2.4	0
6	The impact of nonpolar lipids on the regulation of the steryl ester hydrolases Tgl1p and Yeh1p in the yeast Saccharomyces cerevisiae. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2017, 1862, 1491-1501.	2.4	2
7	Steryl ester synthesis, storage and hydrolysis: A contribution to sterol homeostasis. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2017, 1862, 1534-1545.	2.4	50
8	Cell biology, physiology and enzymology of phosphatidylserine decarboxylase. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2017, 1862, 25-38.	2.4	38
9	Phosphatidylcholine Affects Inner Membrane Protein Translocases of Mitochondria. Journal of Biological Chemistry, 2016, 291, 18718-18729.	3.4	41
10	Regulation of the yeast triacylglycerol lipases Tgl4p and Tgl5p by the presence/absence of nonpolar lipids. Molecular Biology of the Cell, 2016, 27, 2014-2024.	2.1	14
11	A novel mechanism for the biogenesis of outer membrane vesicles in Gram-negative bacteria. Nature Communications, 2016, 7, 10515.	12.8	360
12	Systems-level organization of yeast methylotrophic lifestyle. BMC Biology, 2015, 13, 80.	3.8	118
13	Phosphatidylcholine Supply to Peroxisomes of the Yeast Saccharomyces cerevisiae. PLoS ONE, 2015, 10, e0135084.	2.5	10
14	A Yeast Mutant Deleted of GPH1 Bears Defects in Lipid Metabolism. PLoS ONE, 2015, 10, e0136957.	2.5	7
15	A basis for vaccine development: Comparative characterization of Haemophilus influenzae outer membrane vesicles. International Journal of Medical Microbiology, 2015, 305, 298-309.	3.6	50
16	Regulatory link between steryl ester formation and hydrolysis in the yeast Saccharomyces cerevisiae. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2015, 1851, 977-986.	2.4	15
17	Phosphatidylcholine Affects the Role of the Sorting and Assembly Machinery in the Biogenesis of Mitochondrial Î ² -Barrel Proteins. Journal of Biological Chemistry, 2015, 290, 26523-26532.	3.4	27
18	Modifications of the C terminus Affect Functionality and Stability of Yeast Triacylglycerol Lipase Tgl3p. Journal of Biological Chemistry, 2014, 289, 19306-19316.	3.4	13

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19	Storage lipids of yeasts: a survey of nonpolar lipid metabolism in <i>Saccharomyces cerevisiae, Pichia pastoris</i> , and <i>Yarrowia lipolytica</i> . FEMS Microbiology Reviews, 2014, 38, 892-915.	8.6	76
20	lsolation and characterization of the plasma membrane from the yeast Pichia pastoris. Biochimica Et Biophysica Acta - Biomembranes, 2014, 1838, 1889-1897.	2.6	59
21	The lipidome and proteome of microsomes from the methylotrophic yeast Pichia pastoris. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2014, 1841, 215-226.	2.4	34
22	Yeast lipid metabolism at a glance. FEMS Yeast Research, 2014, 14, 369-388.	2.3	252
23	Defects in triacylglycerol lipolysis affect synthesis of triacylglycerols and steryl esters in the yeast. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2014, 1841, 1393-1402.	2.4	8
24	Molecular Mechanisms in Yeast Carbon Metabolism: Lipid Metabolism and Lipidomics. , 2014, , 169-215.		6
25	Analysis of Yeast Lipid Droplet Proteome and Lipidome. Methods in Cell Biology, 2013, 116, 15-37.	1.1	31
26	Lipids of mitochondria. Progress in Lipid Research, 2013, 52, 590-614.	11.6	677
27	Lipid Transport between the Endoplasmic Reticulum and Mitochondria. Cold Spring Harbor Perspectives in Biology, 2013, 5, a013235-a013235.	5.5	155
28	Lipidome and proteome of lipid droplets from the methylotrophic yeast Pichia pastoris. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2013, 1831, 282-290.	2.4	58
29	Screening for Hydrolytic Enzymes Reveals Ayr1p as a Novel Triacylglycerol Lipase in Saccharomyces cerevisiae. Journal of Biological Chemistry, 2013, 288, 36061-36072.	3.4	39
30	Role of Phosphatidylethanolamine in the Biogenesis of Mitochondrial Outer Membrane Proteins. Journal of Biological Chemistry, 2013, 288, 16451-16459.	3.4	56
31	Regulation of the Yeast Triacylglycerol Lipase Tgl3p by Formation of Nonpolar Lipids. Journal of Biological Chemistry, 2013, 288, 19939-19948.	3.4	38
32	Transcriptional Response to Deletion of the Phosphatidylserine Decarboxylase Psd1p in the Yeast Saccharomyces cerevisiae. PLoS ONE, 2013, 8, e77380.	2.5	23
33	Analysis of Membrane Lipid Biogenesis Pathways Using Yeast Genetics. Methods in Molecular Biology, 2013, 1033, 29-44.	0.9	0
34	Processing and Topology of the Yeast Mitochondrial Phosphatidylserine Decarboxylase 1. Journal of Biological Chemistry, 2012, 287, 36744-36755.	3.4	58
35	Influence of squalene on lipid particle/droplet and membrane organization in the yeast Saccharomyces cerevisiae. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2012, 1821, 647-653.	2.4	59
36	Phosphatidylethanolamine and Cardiolipin Differentially Affect the Stability of Mitochondrial Respiratory Chain Supercomplexes. Journal of Molecular Biology, 2012, 423, 677-686.	4.2	183

GüNTHER DAUM

#	Article	IF	CITATIONS
37	Lipid particles/droplets of the yeast Saccharomyces cerevisiae revisited: Lipidome meets Proteome. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2011, 1811, 1165-1176.	2.4	188
38	Metabolic link between phosphatidylethanolamine and triacylglycerol metabolism in the yeast Saccharomyces cerevisiae. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2011, 1811, 1030-1037.	2.4	49
39	Triacylglycerol lipases of the yeast. Frontiers in Biology, 2011, 6, 219-230.	0.7	18
40	Lipid storage: Yeast we can!. European Journal of Lipid Science and Technology, 2011, 113, 1188-1197.	1.5	12
41	Squalene – biochemistry, molecular biology, process biotechnology, and applications. European Journal of Lipid Science and Technology, 2011, 113, 1299-1320.	1.5	197
42	Involvement of the Saccharomyces cerevisiae Hydrolase Ldh1p in Lipid Homeostasis. Eukaryotic Cell, 2011, 10, 776-781.	3.4	23
43	The Putative Saccharomyces cerevisiae Hydrolase Ldh1p Is Localized to Lipid Droplets. Eukaryotic Cell, 2011, 10, 770-775.	3.4	22
44	Identification and characterization of an acyl-CoA:diacylglycerol acyltransferase 2 (DGAT2) gene from the microalga O. tauri. Plant Physiology and Biochemistry, 2010, 48, 407-416.	5.8	97
45	Janus-faced Enzymes Yeast Tgl3p and Tgl5p Catalyze Lipase and Acyltransferase Reactions. Molecular Biology of the Cell, 2010, 21, 501-510.	2.1	93
46	Multiple Functions as Lipase, Steryl Ester Hydrolase, Phospholipase, and Acyltransferase of Tgl4p from the Yeast Saccharomyces cerevisiae. Journal of Biological Chemistry, 2010, 285, 15769-15776.	3.4	77
47	Effect of Lipid Particle Biogenesis on the Subcellular Distribution of Squalene in the Yeast Saccharomyces cerevisiae. Journal of Biological Chemistry, 2010, 285, 6127-6133.	3.4	68
48	Oleate Inhibits Steryl Ester Synthesis and Causes Liposensitivity in Yeast. Journal of Biological Chemistry, 2010, 285, 26832-26841.	3.4	72
49	Phosphatidylethanolamine synthesized by four different pathways is supplied to the plasma membrane of the yeast Saccharomyces cerevisiae. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2010, 1801, 480-486.	2.4	33
50	Triacylglycerol lipolysis is linked to sphingolipid and phospholipid metabolism of the yeast Saccharomyces cerevisiaeâ~†. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2010, 1801, 1314-1322.	2.4	52
51	Phosphatidylserine decarboxylases, key enzymes of lipid metabolism. IUBMB Life, 2009, 61, 151-162.	3.4	92
52	Modulation of sterol homeostasis by the Cdc42p effectors Cla4p and Ste20p in the yeast <i>Saccharomycesâ€∫cerevisiae</i> . FEBS Journal, 2009, 276, 7253-7264.	4.7	11
53	Analysis of Lipid Particles from Yeast. Methods in Molecular Biology, 2009, 579, 359-374.	0.9	19
54	Mobilization of steryl esters from lipid particles of the yeast Saccharomyces cerevisiae. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2009, 1791, 118-124.	2.4	32

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55	Phosphatidylethanolamine synthesized by three different pathways is supplied to peroxisomes of the yeast Saccharomyces cerevisiae. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2009, 1791, 379-387.	2.4	32
56	Synthesis and turnover of non-polar lipids in yeast. Progress in Lipid Research, 2008, 47, 157-171.	11.6	120
57	Structural and Biochemical Properties of Lipid Particles from the Yeast Saccharomyces cerevisiae. Journal of Biological Chemistry, 2008, 283, 17065-17074.	3.4	147
58	Phosphatidylethanolamine, a Limiting Factor of Autophagy in Yeast Strains Bearing a Defect in the Carboxypeptidase Y Pathway of Vacuolar Targeting. Journal of Biological Chemistry, 2007, 282, 16736-16743.	3.4	35
59	Synthesis, storage and degradation of neutral lipids in yeast. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2007, 1771, 299-309.	2.4	203
60	Lipid composition of peroxisomes from the yeast Pichia pastoris grown on different carbon sources. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2007, 1771, 455-461.	2.4	68
61	Organelle association visualized by three-dimensional ultrastructural imaging of the yeast cell. FEMS Yeast Research, 2007, 7, 629-638.	2.3	52
62	Lot6p from Saccharomyces cerevisiae is a FMN-dependent reductase with a potential role in quinone detoxification. FEBS Journal, 2007, 274, 1328-1339.	4.7	45
63	The phosphatidylethanolamine level of yeast mitochondria is affected by the mitochondrial components Oxa1p and Yme1p. FEBS Journal, 2007, 274, 6180-6190.	4.7	43
64	Analysis of Yeast Lipids. , 2006, 313, 075-084.		37
65	Tgl4p and Tgl5p, Two Triacylglycerol Lipases of the Yeast Saccharomyces cerevisiae Are Localized to Lipid Particles. Journal of Biological Chemistry, 2005, 280, 37301-37309.	3.4	184
66	YEH2/YLR020c Encodes a Novel Steryl Ester Hydrolase of the Yeast Saccharomyces cerevisiae. Journal of Biological Chemistry, 2005, 280, 13321-13328.	3.4	60
67	Multiple lipid transport pathways to the plasma membrane in yeast. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2005, 1687, 130-140.	2.4	38
68	Flux of sterol intermediates in a yeast strain deleted of the lanosterol C-14 demethylase Erg11p. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2005, 1735, 111-118.	2.4	23
69	Lipid Accumulation, Lipid Body Formation, and Acyl Coenzyme A Oxidases of the Yeast Yarrowia lipolytica. Applied and Environmental Microbiology, 2004, 70, 3918-3924.	3.1	196
70	A Yeast Strain Lacking Lipid Particles Bears a Defect in Ergosterol Formation. Journal of Biological Chemistry, 2004, 279, 31190-31196.	3.4	108
71	Membrane Targeting: Glued by a Lipid to theER. Current Biology, 2004, 14, R711-R713.	3.9	5
72	Contribution of different biosynthetic pathways to species selectivity of aminoglycerophospholipids assembled into mitochondrial membranes of the yeast Saccharomyces cerevisiae. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2004, 1686, 148-160.	2.4	30

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73	Contribution of different pathways to the supply of phosphatidylethanolamine and phosphatidylcholine to mitochondrial membranes of the yeast Saccharomyces cerevisiae. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2004, 1686, 161-168.	2.4	75
74	Targeting of proteins involved in sterol biosynthesis to lipid particles of the yeast Saccharomyces cerevisiae. Biochimica Et Biophysica Acta - Biomembranes, 2004, 1663, 9-13.	2.6	49
75	Subcellular localization of yeast Sec14 homologues and their involvement in regulation of phospholipid turnover. FEBS Journal, 2003, 270, 3133-3145.	0.2	57
76	Synthetic Lethal Interaction of the Mitochondrial Phosphatidylethanolamine Biosynthetic Machinery with the Prohibitin Complex ofSaccharomyces cerevisiae. Molecular Biology of the Cell, 2003, 14, 370-383.	2.1	87
77	YMR313c/TGL3 Encodes a Novel Triacylglycerol Lipase Located in Lipid Particles of Saccharomyces cerevisiae. Journal of Biological Chemistry, 2003, 278, 23317-23323.	3.4	177
78	Biogenesis and cellular dynamics of aminoglycerophospholipids. International Review of Cytology, 2003, 225, 273-323.	6.2	30
79	Yeast Oxidosqualene Cyclase (Erg7p) Is a Major Component of Lipid Particles. Journal of Biological Chemistry, 2002, 277, 2406-2412.	3.4	80
80	Synthesis of Triacylglycerols by the Acyl-Coenzyme A:Diacyl-Glycerol Acyltransferase Dga1p in Lipid Particles of the Yeast <i>Saccharomyces cerevisiae</i> . Journal of Bacteriology, 2002, 184, 519-524.	2.2	200
81	Multiple Functions of Sterols in Yeast Endocytosis. Molecular Biology of the Cell, 2002, 13, 2664-2680.	2.1	151
82	A subfraction of the yeast endoplasmic reticulum associates with the plasma membrane and has a high capacity to synthesize lipids. FEBS Journal, 2001, 268, 2351-2361.	0.2	237
83	Roles of Phosphatidylethanolamine and of Its Several Biosynthetic Pathways in <i>Saccharomyces cerevisiae</i> . Molecular Biology of the Cell, 2001, 12, 997-1007.	2.1	245
84	Regulation of the Saccharomyces cerevisiae DPP1-encoded Diacylglycerol Pyrophosphate Phosphatase by Zinc. Journal of Biological Chemistry, 2001, 276, 10126-10133.	3.4	57
85	The yeastSaccharomyces cerevisiae, a eukaryotic model for cell biology. Microscopy Research and Technique, 2000, 51, 493-495.	2.2	7
86	Contribution of Are1p and Are2p to steryl ester synthesis in the yeast Saccharomyces cerevisiae. FEBS Journal, 2000, 267, 1075-1082.	0.2	158
87	Intracellular lipid particles of eukaryotic cells. BBA - Biomembranes, 2000, 1469, 101-120.	8.0	283
88	1-Acyldihydroxyacetone-phosphate Reductase (Ayr1p) of the YeastSaccharomyces cerevisiae Encoded by the Open Reading Frame YIL124w Is a Major Component of Lipid Particles. Journal of Biological Chemistry, 2000, 275, 235-240.	3.4	78
89	Biochemical characterization and subcellular localization of the sterol C-24(28) reductase, Erg4p, from the yeastSaccharomyces cerevisiae. FEBS Letters, 2000, 470, 83-87.	2.8	75
90	PDR16 and PDR17, Two Homologous Genes ofSaccharomyces cerevisiae, Affect Lipid Biosynthesis and Resistance to Multiple Drugs. Journal of Biological Chemistry, 1999, 274, 1934-1941.	3.4	142

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91	Phosphatidic acid , a key intermediate in lipid metabolism. FEBS Journal, 1999, 266, 1-16.	0.2	313
92	Systematic analysis of yeast strains with possible defects in lipid metabolism. , 1999, 15, 601-614.		152
93	Lipid composition of subcellular membranes of an FY1679-derived haploid yeast wild-type strain grown on different carbon sources. Yeast, 1999, 15, 1555-1564.	1.7	121
94	Electrospray Ionization Tandem Mass Spectrometry (Esi-Ms/Ms) Analysis of the Lipid Molecular Species Composition of Yeast Subcellular Membranes Reveals Acyl Chain-Based Sorting/Remodeling of Distinct Molecular Species En Route to the Plasma Membrane. Journal of Cell Biology, 1999, 146, 741-754.	5.2	449
95	Biochemistry, cell biology and molecular biology of lipids ofSaccharomyces cerevisiae. Yeast, 1998, 14, 1471-1510.	1.7	564
96	YDL142c encodes cardiolipin synthase (Cls1p) and is non-essential for aerobic growth ofSaccharomyces cerevisiae. FEBS Letters, 1998, 421, 15-18.	2.8	140
97	Dual Localization of Squalene Epoxidase, Erg1p, in Yeast Reflects a Relationship between the Endoplasmic Reticulum and Lipid Particles. Molecular Biology of the Cell, 1998, 9, 375-386.	2.1	177
98	The yeastmic2mutant is defective in the formation of mannosyl-diinositolphosphorylceramide1. FEBS Letters, 1997, 411, 211-214.	2.8	30
99	Import of lipids into mitochondria. Progress in Lipid Research, 1997, 36, 103-130.	11.6	246
100	Characterization of a non-specific lipid transfer protein associated with the peroxisomal membrane of the yeast, Saccharomyces cerevisiae. Biochimica Et Biophysica Acta - Biomembranes, 1996, 1285, 71-78.	2.6	6
101	Isolation and biochemical characterization of organelles from the yeast,Saccharomyces cerevisiae. Yeast, 1995, 11, 493-536.	1.7	340
102	Synthesis and Intracellular Transport of Aminoglycerophospholipids in Permeabilized Cells of the Yeast, Saccharomyces cerevisiae. Journal of Biological Chemistry, 1995, 270, 29836-29842.	3.4	71
103	Export of steryl esters from lipid particles and release of free sterols in the yeast, Saccharomyces cerevisiae. Biochimica Et Biophysica Acta - Biomembranes, 1995, 1234, 119-126.	2.6	45
104	Characterization of a microsomal subfraction associated with mitochondria of the yeast, Saccharomyces cerevisiae. Involvement in synthesis and import of phospholipids into mitochondria. Biochimica Et Biophysica Acta - Biomembranes, 1995, 1234, 214-220.	2.6	173
105	Intracellular transport of inositol-containing sphingolipids in the yeast,Saccharomyces cerevisiae. FEBS Letters, 1995, 367, 201-204.	2.8	27
106	Import of sterols into mitochondria of the yeastSaccharomyces cerevisiae. FEBS Letters, 1995, 372, 29-32.	2.8	16
107	Phospholipid-synthesizing enzymes in Golgi membranes of the yeast,Saccharomyces cerevisiae. FEBS Letters, 1995, 377, 271-274.	2.8	37
108	Characterization of lipid particles of the yeast, Saccharomyces cerevisiae. Yeast, 1994, 10, 1421-1428.	1.7	247

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109	Characterization, quantification and subcellular localization of inositol-containing sphingolipids of the yeast, Saccharomyces cerevisiae. FEBS Journal, 1994, 225, 641-649.	0.2	108
110	Import of phosphatidylinositol and phosphatidylcholine into mitochondria of the yeast, Saccharomyces cerevisiae. FEBS Letters, 1994, 356, 1-4.	2.8	18
111	Two yeast peroxisomal proteins crossreact with an antiserum against human sterol carrier protein 2 (SCP-2). Biochimica Et Biophysica Acta - Biomembranes, 1993, 1148, 173-176.	2.6	6
112	Import of phosphatidylserine into isolated yeast mitochondria. Biochimica Et Biophysica Acta - Biomembranes, 1993, 1145, 1-7.	2.6	44
113	[60] Phospholipid transfer proteins from yeast. Methods in Enzymology, 1992, 209, 514-522.	1.0	2
114	Transport of phospholipids between subcellular membranes of wild-type yeast cells and of the phosphatidylinositol transfer protein-deficient strain Saccharomyces cerevisiae sec 14. Biochimica Et Biophysica Acta - Biomembranes, 1992, 1111, 120-126.	2.6	38
115	Isolation of a phosphatidylserine transfer protein from yeast cytosol. Biochimica Et Biophysica Acta - Biomembranes, 1991, 1069, 139-144.	2.6	18
116	Membrane properties modulate the activity of a phosphatidylinositol transfer protein from the yeast, Saccharomyces cerevisiae. Biochimica Et Biophysica Acta - Biomembranes, 1989, 986, 301-309.	2.6	60
117	Lipids of mitochondria. BBA - Biomembranes, 1985, 822, 1-42.	8.0	772
118	The effect of myo-inositol deficiency on phosphatases of yeast. FEBS Journal, 1984, 143, 95-100.	0.2	1
119	Phospholipid transfer in yeast. Isolation and partial characterization of a phospholipid transfer protein from yeast cytosol. Lipids and Lipid Metabolism, 1984, 794, 385-391.	2.6	80
120	Effect of inositol starvation on glycerolipid metabolism in Saccharomyces uvarum. Lipids and Lipid Metabolism, 1983, 753, 430-438.	2.6	7
121	The outer membrane of yeast mitochondria: isolation of outside-out sealed vesicles. EMBO Journal, 1983, 2, 1105-1111.	7.8	125