

Roman Holic

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Lipid Binding Properties of Sec14-like Homologues in the Yeast <i>Saccharomyces cerevisiae</i> . <i>FASEB Journal</i> , 2021, 35, .	0.2	0
2	Improving the Production of Punicic Acid in Baker's Yeast by Engineering Genes in Acyl Channeling Processes and Adjusting Precursor Supply. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 9616-9624.	2.4	5
3	Sec14 family of lipid transfer proteins in yeasts. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2021, 1866, 158990.	1.2	5
4	Metabolism of phospholipids in the yeast <i>Schizosaccharomyces pombe</i> . <i>Yeast</i> , 2020, 37, 73-92.	0.8	8
5	Metabolism of Storage Lipids and the Role of Lipid Droplets in the Yeast <i>Schizosaccharomyces pombe</i> . <i>Lipids</i> , 2020, 55, 513-535.	0.7	8
6	Comparison and Analysis of Published Genome-scale Metabolic Models of <i>Yarrowia lipolytica</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2020, 25, 53-61.	1.4	8
7	Yeast phosphatidylinositol transfer protein Pdr17 does not require high affinity phosphatidylinositol binding for its cellular function. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 1412-1421.	1.2	2
8	Engineering <i>Arabidopsis</i> long-chain acyl-CoA synthetase 9 variants with enhanced enzyme activity. <i>Biochemical Journal</i> , 2019, 476, 151-164.	1.7	13
9	Substrate preferences of long-chain acyl-CoA synthetase and diacylglycerol acyltransferase contribute to enrichment of flax seed oil with ω -linolenic acid. <i>Biochemical Journal</i> , 2018, 475, 1473-1489.	1.7	36
10	Bioactivity and biotechnological production of punicic acid. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 3537-3549.	1.7	32
11	Metabolic engineering of <i>Schizosaccharomyces pombe</i> to produce punicic acid, a conjugated fatty acid with nutraceutical properties. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 7913-7922.	1.7	13
12	Squalene is lipotoxic to yeast cells defective in lipid droplet biogenesis. <i>Biochemical and Biophysical Research Communications</i> , 2016, 469, 1123-1128.	1.0	41
13	Baker's Yeast Deficient in Storage Lipid Synthesis Uses <i>cis</i> -Vaccenic Acid to Reduce Unsaturated Fatty Acid Toxicity. <i>Lipids</i> , 2015, 50, 621-630.	0.7	18
14	Phosphatidylinositol binding of <i>Saccharomyces cerevisiae</i> Pdr16p represents an essential feature of this lipid transfer protein to provide protection against azole antifungals. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2014, 1841, 1483-1490.	1.2	20
15	Toxicity of ricinoleic acid production in fission yeast <i>Schizosaccharomyces pombe</i> is suppressed by the overexpression of <i>plg7</i> , a phospholipase A2 of a platelet-activating factor (PAF) family homolog. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 8193-8203.	1.7	16
16	The yeast <i>Saccharomyces cerevisiae</i> Pdr16p restricts changes in ergosterol biosynthesis caused by the presence of azole antifungals. <i>Yeast</i> , 2013, 30, 229-241.	0.8	22
17	Deficiency of the Cyclin-Dependent Kinase Inhibitor, <i>CDKN1B</i> , Results in Overgrowth and Neurodevelopmental Delay. <i>Human Mutation</i> , 2013, 34, 864-868.	1.1	12
18	Phosphatidylinositol Transfer Protein, Cytoplasmic 1 (PITPNC1) Binds and Transfers Phosphatidic Acid. <i>Journal of Biological Chemistry</i> , 2012, 287, 32263-32276.	1.6	72

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19	The CDK Subunit CKS2 Counteracts CKS1 to Control Cyclin A/CDK2 Activity in Maintaining Replicative Fidelity and Neurodevelopment. <i>Developmental Cell</i> , 2012, 23, 356-370.	3.1	34
20	Engineered high content of ricinoleic acid in fission yeast <i>Schizosaccharomyces pombe</i> . <i>Applied Microbiology and Biotechnology</i> , 2012, 95, 179-187.	1.7	47
21	Dia2 Controls Transcription by Mediating Assembly of the RSC Complex. <i>PLoS ONE</i> , 2011, 6, e21172.	1.1	6
22	Cks1 Activates Transcription by Binding to the Ubiquitylated Proteasome. <i>Molecular and Cellular Biology</i> , 2010, 30, 3894-3901.	1.1	7
23	Phosphatidylinositol- and phosphatidylcholine-transfer activity of PIP2 is essential for COPI-mediated retrograde transport from the Golgi to the endoplasmic reticulum. <i>Journal of Cell Science</i> , 2010, 123, 1262-1273.	1.2	49
24	Dynamics of lipid transfer by phosphatidylinositol transfer protein during membrane transport at the endoplasmic reticulum-Golgi membrane interface. <i>FASEB Journal</i> , 2009, 23, 320.1.	0.2	0
25	Dynamics of Lipid Transfer by Phosphatidylinositol Transfer Proteins in Cells. <i>Traffic</i> , 2008, 9, 1743-1756.	1.3	39
26	Yeast Pgc1p (YPL206c) Controls the Amount of Phosphatidylglycerol via a Phospholipase C-type Degradation Mechanism. <i>Journal of Biological Chemistry</i> , 2008, 283, 17107-17115.	1.6	46
27	Phosphatidylcholine transfer activity of yeast Sec14p is not essential for its function in vivo. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2007, 1771, 83-92.	1.2	7
28	Phosphatidylinositol-transfer protein and its homologues in yeast. <i>Biochemical Society Transactions</i> , 2006, 34, 377-380.	1.6	11
29	Glycerophosphocholine-dependent Growth Requires Gde1p (YPL110c) and Git1p in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 2005, 280, 36110-36117.	1.6	64
30	Regulation of phospholipid biosynthesis by phosphatidylinositol transfer protein Sec14p and its homologues. A critical role for phosphatidic acid. <i>FEBS Journal</i> , 2004, 271, 4401-4408.	0.2	5
31	Subcellular localization of yeast Sec14 homologues and their involvement in regulation of phospholipid turnover. <i>FEBS Journal</i> , 2003, 270, 3133-3145.	0.2	57