

Roman Holic

List of Publications by Year in descending order

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31
papers

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567144

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1020
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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Phosphatidylinositol Transfer Protein, Cytoplasmic 1 (PITPNC1) Binds and Transfers Phosphatidic Acid. Journal of Biological Chemistry, 2012, 287, 32263-32276. | 1.6 | 72 |
| 2 | Glycerophosphocholine-dependent Growth Requires Gde1p (YPL110c) and Git1p in Saccharomyces cerevisiae. Journal of Biological Chemistry, 2005, 280, 36110-36117. | 1.6 | 64 |
| 3 | Subcellular localization of yeast Sec14 homologues and their involvement in regulation of phospholipid turnover. FEBS Journal, 2003, 270, 3133-3145. | 0.2 | 57 |
| 4 | Phosphatidylinositol- and phosphatidylcholine-transfer activity of PITP ² is essential for COPI-mediated retrograde transport from the Golgi to the endoplasmic reticulum. Journal of Cell Science, 2010, 123, 1262-1273. | 1.2 | 49 |
| 5 | Engineered high content of ricinoleic acid in fission yeast Schizosaccharomyces pombe. Applied Microbiology and Biotechnology, 2012, 95, 179-187. | 1.7 | 47 |
| 6 | Yeast Pgc1p (YPL206c) Controls the Amount of Phosphatidylglycerol via a Phospholipase C-type Degradation Mechanism. Journal of Biological Chemistry, 2008, 283, 17107-17115. | 1.6 | 46 |
| 7 | Squalene is lipotoxic to yeast cells defective in lipid droplet biogenesis. Biochemical and Biophysical Research Communications, 2016, 469, 1123-1128. | 1.0 | 41 |
| 8 | Dynamics of Lipid Transfer by Phosphatidylinositol Transfer Proteins in Cells. Traffic, 2008, 9, 1743-1756. | 1.3 | 39 |
| 9 | Substrate preferences of long-chain acyl-CoA synthetase and diacylglycerol acyltransferase contribute to enrichment of flax seed oil with ω -linolenic acid. Biochemical Journal, 2018, 475, 1473-1489. | 1.7 | 36 |
| 10 | The CDK Subunit CKS2 Counteracts CKS1 to Control Cyclin A/CDK2 Activity in Maintaining Replicative Fidelity and Neurodevelopment. Developmental Cell, 2012, 23, 356-370. | 3.1 | 34 |
| 11 | Bioactivity and biotechnological production of punicic acid. Applied Microbiology and Biotechnology, 2018, 102, 3537-3549. | 1.7 | 32 |
| 12 | The yeast <i>Saccharomyces cerevisiae</i> Pdr16p restricts changes in ergosterol biosynthesis caused by the presence of azole antifungals. Yeast, 2013, 30, 229-241. | 0.8 | 22 |
| 13 | Phosphatidylinositol binding of <i>Saccharomyces cerevisiae</i> Pdr16p represents an essential feature of this lipid transfer protein to provide protection against azole antifungals. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2014, 1841, 1483-1490. | 1.2 | 20 |
| 14 | Baker's Yeast Deficient in Storage Lipid Synthesis Uses <i>cis</i> - Δ^6 Vaccenic Acid to Reduce Unsaturated Fatty Acid Toxicity. Lipids, 2015, 50, 621-630. | 0.7 | 18 |
| 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. Applied Microbiology and Biotechnology, 2013, 97, 8193-8203. | 1.7 | 16 |
| 16 | Metabolic engineering of <i>Schizosaccharomyces pombe</i> to produce punicic acid, a conjugated fatty acid with nutraceutical properties. Applied Microbiology and Biotechnology, 2017, 101, 7913-7922. | 1.7 | 13 |
| 17 | Engineering <i>Arabidopsis</i> long-chain acyl-CoA synthetase 9 variants with enhanced enzyme activity. Biochemical Journal, 2019, 476, 151-164. | 1.7 | 13 |
| 18 | Deficiency of the Cyclin-Dependent Kinase Inhibitor, <i>CDKN1B</i> , Results in Overgrowth and Neurodevelopmental Delay. Human Mutation, 2013, 34, 864-868. | 1.1 | 12 |

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|----|---|-----|-----------|
| 19 | Phosphatidylinositol-transfer protein and its homologues in yeast. <i>Biochemical Society Transactions</i> , 2006, 34, 377-380. | 1.6 | 11 |
| 20 | Metabolism of phospholipids in the yeast <i>Schizosaccharomyces pombe</i> . <i>Yeast</i> , 2020, 37, 73-92. | 0.8 | 8 |
| 21 | 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 |
| 22 | 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 |
| 23 | 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 |
| 24 | Cks1 Activates Transcription by Binding to the Ubiquitylated Proteasome. <i>Molecular and Cellular Biology</i> , 2010, 30, 3894-3901. | 1.1 | 7 |
| 25 | Dia2 Controls Transcription by Mediating Assembly of the RSC Complex. <i>PLoS ONE</i> , 2011, 6, e21172. | 1.1 | 6 |
| 26 | 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 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |
| 30 | Lipid Binding Properties of Sec14-like Homologues in the Yeast <i>Saccharomyces cerevisiae</i> . <i>FASEB Journal</i> , 2021, 35, . | 0.2 | 0 |
| 31 | 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 |