

Ryouichi Fukuda

List of Publications by Year in descending order

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34
papers

1,800
citations

430874

18
h-index

395702

33
g-index

36
all docs

36
docs citations

36
times ranked

1353
citing authors

#	ARTICLE	IF	CITATIONS
1	Orthologs of <i>Saccharomyces cerevisiae</i> SFH2, genes encoding Sec14 family proteins, implicated in utilization of n-alkanes and filamentous growth in response to n-alkanes in <i>Yarrowia lipolytica</i> . <i>FEMS Yeast Research</i> , 2022, , .	2.3	2
2	Type II phosphatidylserine decarboxylase is crucial for the growth and morphogenesis of the filamentous fungus <i>Aspergillus nidulans</i> . <i>Journal of Bioscience and Bioengineering</i> , 2021, 131, 139-146.	2.2	10
3	Acyl-CoA synthetases, Aal4 and Aal7, are involved in the utilization of exogenous fatty acids in <i>Yarrowia lipolytica</i> . <i>Journal of General and Applied Microbiology</i> , 2021, 67, 9-14.	0.7	2
4	Deletion of <i>Aspergillus nidulans</i> <i>cpsA/rseA</i> induces increased extracellular hydrolase production in solid-state culture partly through the high osmolarity glycerol pathway. <i>Journal of Bioscience and Bioengineering</i> , 2021, 131, 589-598.	2.2	3
5	Suppression of respiratory growth defect of mitochondrial phosphatidylserine decarboxylase deficient mutant by overproduction of Sfh1, a Sec14 homolog, in yeast. <i>PLoS ONE</i> , 2019, 14, e0215009.	2.5	6
6	Oxysterol-binding protein homologs mediate sterol transport from the endoplasmic reticulum to mitochondria in yeast. <i>Journal of Biological Chemistry</i> , 2018, 293, 5636-5648.	3.4	33
7	Osh6p, a homologue of the oxysterol-binding protein, is involved in production of functional cytochrome P450 belonging to CYP52 family in n-alkane-assimilating yeast <i>Yarrowia lipolytica</i> . <i>Biochemical and Biophysical Research Communications</i> , 2018, 499, 836-842.	2.1	6
8	Suppression of respiratory growth defect of mutant deficient in mitochondrial phospholipase A1 by overexpression of genes involved in coenzyme Q synthesis in <i>Saccharomyces cerevisiae</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2018, 82, 1633-1639.	1.3	1
9	The membrane-bound O-acyltransferase Ale1 transfers an acyl moiety to newly synthesized 2-acylglycerophosphocholine in yeast. <i>FEBS Letters</i> , 2018, 592, 1829-1836.	2.8	3
10	Î”12-fatty acid desaturase is involved in growth at low temperature in yeast <i>Yarrowia lipolytica</i> . <i>Biochemical and Biophysical Research Communications</i> , 2017, 488, 165-170.	2.1	34
11	Functional roles and substrate specificities of twelve cytochromes P450 belonging to CYP52 family in n-alkane assimilating yeast <i>Yarrowia lipolytica</i> . <i>Fungal Genetics and Biology</i> , 2016, 91, 43-54.	2.1	44
12	Acidic phospholipid-independent interaction of Yas3p, an Opi1-family transcriptional repressor of <i>Yarrowia lipolytica</i> , with the endoplasmic reticulum. <i>Yeast</i> , 2015, 32, 691-701.	1.7	15
13	Involvement of acyl-CoA synthetase genes in n-alkane assimilation and fatty acid utilization in yeast <i>Yarrowia lipolytica</i> . <i>FEMS Yeast Research</i> , 2015, 15, fov031.	2.3	23
14	Alcohol dehydrogenases and an alcohol oxidase involved in the assimilation of exogenous fatty alcohols in <i>Yarrowia lipolytica</i> . <i>FEMS Yeast Research</i> , 2015, 15, .	2.3	26
15	Fatty Aldehyde Dehydrogenase Multigene Family Involved in the Assimilation of n-Alkanes in <i>Yarrowia lipolytica</i> . <i>Journal of Biological Chemistry</i> , 2014, 289, 33275-33286.	3.4	37
16	Acyl-chain remodeling of dioctanoyl-phosphatidylcholine in <i>Saccharomyces cerevisiae</i> mutant defective in de novo and salvage phosphatidylcholine synthesis. <i>Biochemical and Biophysical Research Communications</i> , 2014, 445, 289-293.	2.1	4
17	Human CTP:phosphoethanolamine cytidyltransferase: Enzymatic properties and unequal catalytic roles of CTP-binding motifs in two cytidyltransferase domains. <i>Biochemical and Biophysical Research Communications</i> , 2014, 449, 26-31.	2.1	7
18	Mitochondrially-targeted bacterial phosphatidylethanolamine methyltransferase sustained phosphatidylcholine synthesis of a <i>Saccharomyces cerevisiae</i> Î” <i>pem1</i> Î” <i>pem2</i> double mutant without exogenous choline supply. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2014, 1841, 1264-1271.	2.4	8

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19	Phosphatidic acid and phosphoinositides facilitate liposome association of Yas3p and potentiate derepression of ARE1 (alkane-responsive element one)-mediated transcription control. <i>Fungal Genetics and Biology</i> , 2013, 61, 100-110.	2.1	21
20	Transcriptional repression by glycerol of genes involved in the assimilation of <i>n</i> -alkanes and fatty acids in yeast <i>Yarrowia lipolytica</i> . <i>FEMS Yeast Research</i> , 2013, 13, 233-240.	2.3	40
21	Metabolism of Hydrophobic Carbon Sources and Regulation of It in <i>n</i> -Alkane-Assimilating Yeast <i>Yarrowia lipolytica</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2013, 77, 1149-1154.	1.3	50
22	Utilization of Hydrophobic Substrate by <i>Yarrowia lipolytica</i> . <i>Microbiology Monographs</i> , 2013, , 111-119.	0.6	17
23	Construction and characterization of a <i>Yarrowia lipolytica</i> mutant lacking genes encoding cytochromes P450 subfamily 52. <i>Fungal Genetics and Biology</i> , 2012, 49, 58-64.	2.1	36
24	Incorporation and remodeling of phosphatidylethanolamine containing short acyl residues in yeast. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2010, 1801, 635-645.	2.4	19
25	An ortholog of <i>farA</i> of <i>Aspergillus nidulans</i> is implicated in the transcriptional activation of genes involved in fatty acid utilization in the yeast <i>Yarrowia lipolytica</i> . <i>Biochemical and Biophysical Research Communications</i> , 2010, 402, 731-735.	2.1	23
26	Yas3p, an Opi1 Family Transcription Factor, Regulates Cytochrome P450 Expression in Response to <i>n</i> -Alkanes in <i>Yarrowia lipolytica</i> . <i>Journal of Biological Chemistry</i> , 2009, 284, 7126-7137.	3.4	56
27	Incorporation and remodeling of extracellular phosphatidylcholine with short acyl residues in <i>Saccharomyces cerevisiae</i> . <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2008, 1781, 391-399.	2.4	30
28	Disruption of the <i>SCS2</i> Ortholog in the Alkane-Assimilating Yeast <i>Yarrowia lipolytica</i> Impairs Its Growth on <i>n</i> -Decane, but Does Not Impair Inositol Prototrophy. <i>Bioscience, Biotechnology and Biochemistry</i> , 2008, 72, 2219-2223.	1.3	15
29	Basic Helix-Loop-Helix Transcription Factor Heterocomplex of Yas1p and Yas2p Regulates Cytochrome P450 Expression in Response to Alkanes in the Yeast <i>Yarrowia lipolytica</i> . <i>Eukaryotic Cell</i> , 2007, 6, 734-743.	3.4	52
30	A Basic Helix-Loop-Helix Transcription Factor Essential for Cytochrome P450 Induction in Response to Alkanes in Yeast <i>Yarrowia lipolytica</i> . <i>Journal of Biological Chemistry</i> , 2004, 279, 22183-22189.	3.4	39
31	Compartmental specificity of cellular membrane fusion encoded in SNARE proteins. <i>Nature</i> , 2000, 407, 153-159.	27.8	629
32	Topological restriction of SNARE-dependent membrane fusion. <i>Nature</i> , 2000, 407, 194-198.	27.8	242
33	Functional architecture of an intracellular membrane t-SNARE. <i>Nature</i> , 2000, 407, 198-202.	27.8	222
34	Accumulation of Misfolded Protein Aggregates Leads to the Formation of Russell Body-like Dilated Endoplasmic Reticulum in Yeast. , 1997, 13, 1009-1020.		45