Yasuyoshi Sakai

List of Publications by Year
in descending order

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149 papers	10,082 citations	61984 43 h-index	36028 97 g-index
151 all docs	151 docs citations	151 times ranked	14821 citing authors

#	Article	IF	Citations
1	Autophagy as a Survival Strategy for Eukaryotic Microbes Living in the Phyllosphere. Frontiers in Plant Science, 2022, 13, 867486.	3.6	1
2	Regulation of Peroxisome Homeostasis by Post-Translational Modification in the Methylotrophic Yeast Komagataella phaffii. Frontiers in Cell and Developmental Biology, 2022, 10, 887806.	3.7	4
3	Methanol bioeconomy: promotion of rice crop yield in paddy fields with microbial cells prepared from natural gasâ€derived C₁ compound. Microbial Biotechnology, 2021, 14, 1385-1396.	4.2	5
4	Physiology of Methylotrophs Living in the Phyllosphere. Microorganisms, 2021, 9, 809.	3.6	22
5	Homeostasis of the ER redox state subsequent to proteasome inhibition. Scientific Reports, 2021, 11, 8655.	3.3	2
6	The methanol sensor Wsc1 and MAPK Mpk1 suppress degradation of methanol-induced peroxisomes in methylotrophic yeast. Journal of Cell Science, 2021, 134, .	2.0	6
7	Fatty acid composition of the methylotrophic yeast Komagataella phaffii grown under lowâ€•and highâ€•methanol conditions. Yeast, 2021, 38, 541-548.	1.7	2
8	Methylotrophic bacterium-based molecular sensor for the detection of low concentrations of methanol. Journal of Bioscience and Bioengineering, 2021, 132, 247-252.	2.2	2
9	A peroxisome deficiencyâ€“induced reductive cytosol state up-regulates the brain-derived neurotrophic factor pathway. Journal of Biological Chemistry, 2020, 295, 5321-5334.	3.4	12
10	Methanol production by reversed methylotrophy constructed in Escherichia coli. Bioscience, Biotechnology and Biochemistry, 2020, 84, 1062-1068.	1.3	0
11	Yeast Cell Sensor: Single-Cell Technology for Methanol DetectionIts Use in Biological Researches, Environmental Sciences, and Enzyme Engineering. Kagaku To Seibutsu, 2020, 58, 416-423.	0.0	0
12	Engineering the expression system for Komagataella phaffii (Pichia pastoris): an attempt to develop a methanol-free expression system. FEMS Yeast Research, 2019, 19, .	2.3	13
13	Peroxisomal Fba2p and Tal2p complementally function in the rearrangement pathway for xylulose 5-phosphate in the methylotrophic yeast Pichia pastoris. Journal of Bioscience and Bioengineering, 2019, 128, 33-38.	2.2	9
14	Community composition and methane oxidation activity of methanotrophs associated with duckweeds in a fresh water lake. Journal of Bioscience and Bioengineering, 2019, 128, 450-455.	2.2	18
15	Evolution from covalent conjugation to non-covalent interaction in the ubiquitin-like ATG12 system. Nature Structural and Molecular Biology, 2019, 26, 289-296.	8.2	39
16	Pantothenate auxotrophy of Methylobacterium spp. isolated from living plants. Bioscience, Biotechnology and Biochemistry, 2019, 83, 569-577.	1.3	11
17	Peroxisome Degradation and Its Molecular Machinery. , 2019, , 43-58.		0
18	Three Distinct Types of Microautophagy Based on Membrane Dynamics and Molecular Machineries. BioEssays, 2018, 40, e1800008.	2.5	180

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19	Ethanol represses the expression of methanol-inducible genes via acetyl-CoA synthesis in the yeast Komagataella phaffii. Scientific Reports, 2018, 8, 18051.	3.3	10
20	KaiC family proteins integratively control temperatureâ€dependent UV resistance in Methylobacterium extorquens AM1. Environmental Microbiology Reports, 2018, 10, 634-643.	2.4	10
21	A Pichia pastoris single-cell biosensor for detection of enzymatically produced methanol. Applied Microbiology and Biotechnology, 2018, 102, 7017-7027.	3.6	8
22	Novel function of <scp>W</scp>sc proteins as a methanolâ€sensing machinery in the yeast <scp>P</scp>ichia pastoris. Molecular Microbiology, 2017, 104, 349-363.	2.5	33
23	Experimental Systems to Study Yeast Pexophagy. Methods in Molecular Biology, 2017, 1595, 249-255.	0.9	3
24	Evidence for ESCRT- and clathrin-dependent microautophagy. Journal of Cell Biology, 2017, 216, 3263-3274.	5.2	127
25	Yeast Hog1 proteins are sequestered in stress granules under high-temperature stress. Journal of Cell Science, 2017, 131, .	2.0	8
26	Role of Acyl Chain Composition of Phosphatidylcholine in Tafazzin-Mediated Remodeling of Cardiolipin in Liposomes. Biochemistry, 2017, 56, 6268-6280.	2.5	17
27	Synthesized AÎ²42 Caused Intracellular Oxidative Damage, Leading to Cell Death, via Lysosome Rupture. Cell Structure and Function, 2017, 42, 71-79.	1.1	23
28	Draft Genome Sequences of Two Gammaproteobacterial Methanotrophs Isolated from Rice Ecosystems. Genome Announcements, 2017, 5, .	0.8	8
29	Draft Genome Sequences of Gammaproteobacterial Methanotrophs Isolated from Marine Ecosystems. Genome Announcements, 2016, 4, .	0.8	23
30	Autophagy-independent function of Atg8 in lipid droplet dynamics in yeast. Journal of Biochemistry, 2016, 161, mvw078.	1.7	10
31	Mitochondrial division occurs concurrently with autophagosome formation but independently of Drp1 during mitophagy. Journal of Cell Biology, 2016, 215, 649-665.	5.2	193
32	Development of a stable ERroGFP variant suitable for monitoring redox dynamics in the ER. Bioscience Reports, 2016, 36, .	2.4	21
33	Mechanism for Remodeling of the Acyl Chain Composition of Cardiolipin Catalyzed by Saccharomyces cerevisiae Tafazzin. Journal of Biological Chemistry, 2016, 291, 15491-15502.	3.4	24
34	Screening of dietary antioxidants against mitochondria-mediated oxidative stress by visualization of intracellular redox state. Bioscience, Biotechnology and Biochemistry, 2016, 80, 726-734.	1.3	6
35	Pexophagy in yeasts. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 992-998.	4.1	48
36	Roseomonas elaeocarpi sp. nov., isolated from olive (Elaeocarpus hygrophilus Kurz.) phyllosphere. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 474-480.	1.7	21

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37	Unique C-terminal region of Hap3 is required for methanol-regulated gene expression in the methylotrophic yeast Candida boidinii. Microbiology (United Kingdom), 2016, 162, 898-907.	1.8	1
38	Interactions of Methylotrophs with Plants and Other Heterotrophic Bacteria. Microorganisms, 2015, 3, 137-151.	3.6	89
39	A defect of the vacuolar putative lipase Atg15 accelerates degradation of lipid droplets through lipolysis. Autophagy, 2015, 11, 1247-1258.	9.1	32
40	Yeast nitrogen utilization in the phyllosphere during plant lifespan under regulation of autophagy. Scientific Reports, 2015, 5, 9719.	3.3	17
41	Draft Genomes of Gammaproteobacterial Methanotrophs Isolated from Terrestrial Ecosystems. Genome Announcements, 2015, 3, .	0.8	41
42	Molecular Characterization of Hap Complex Components Responsible for Methanol-Inducible Gene Expression in the Methylotrophic Yeast Candida boidinii. Eukaryotic Cell, 2015, 14, 278-285.	3.4	8
43	Draft Genome Sequence of the Moderately Halophilic Methanotroph Methylohalobius crimeensis Strain 10Ki. Genome Announcements, 2015, 3, .	0.8	14
44	Regulation of nitrate and methylamine metabolism by multiple nitrogen sources in the methylotrophic yeastCandida boidinii. FEMS Yeast Research, 2015, 15, fov084.	2.3	7
45	Aquatic plant surface as a niche for methanotrophs. Frontiers in Microbiology, 2014, 5, 30.	3.5	56
46	The emerging role of autophagy in peroxisome dynamics and lipid metabolism of phyllosphere microorganisms. Frontiers in Plant Science, 2014, 5, 81.	3.6	9
47	Atg21 regulates pexophagy via its PI(3)P-binding activity inPichia pastoris. FEMS Yeast Research, 2014, 14, 435-444.	2.3	6
48	Expression of a codon-optimized Aspergillus niger pectin methylesterase gene in the methylotrophic yeast Candida boidinii. Bioscience, Biotechnology and Biochemistry, 2014, 78, 718-721.	1.3	6
49	The Tor and Sin3-Rpd3 complex regulate expression of the mitophagy receptor protein Atg32. Journal of Cell Science, 2014, 127, 3184-96.	2.0	40
50	Methyloparacoccus murrellii gen. nov., sp. nov., a methanotroph isolated from pond water. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 2100-2107.	1.7	49
51	Mitochondrial impairment triggers cytosolic oxidative stress and cell death following proteasome inhibition. Scientific Reports, 2014, 4, 5896.	3.3	168
52	Expression level of methanol-inducible peroxisomal proteins and peroxisome morphology are affected by oxygen conditions and mitochondrial respiratory pathway function in the methylotrophic yeastCandida boidinii. FEMS Yeast Research, 2013, 13, 359-366.	2.3	1
53	A fluorescence resonance energy transfer (FRET)â€based redox sensor reveals physiological role of thioredoxin in the yeast Saccharomyces cerevisiae. FEBS Letters, 2013, 587, 793-798.	2.8	14
54	Stress resistance and C1 metabolism involved in plant colonization of a methanotroph Methylosinus sp. B4S. Archives of Microbiology, 2013, 195, 717-726.	2.2	18

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55	Atg18 phosphoregulation controls organellar dynamics by modulating its phosphoinositide-binding activity. Journal of Cell Biology, 2013, 202, 685-698.	5.2	45
56	Dominant Colonization and Inheritance ofMethylobacteriumsp. Strain OR01 on Perilla Plants. Bioscience, Biotechnology and Biochemistry, 2013, 77, 1533-1538.	1.3	18
57	Atg18 lifts up from and lands on the vacuolar membrane mediated by phosphorylation of its propellers. Autophagy, 2013, 9, 2161-2162.	9.1	1
58	Distribution of Pink-Pigmented Facultative Methylotrophs on Leaves of Vegetables. Bioscience, Biotechnology and Biochemistry, 2012, 76, 578-580.	1.3	21
59	Msn5p Is Involved in Formaldehyde Resistance but Not in Oxidative Stress Response in the Methylotrophic YeastCandida boidinii. Bioscience, Biotechnology and Biochemistry, 2012, 76, 299-304.	1.3	2
60	Distribution of Methanotrophs in the Phyllosphere. Bioscience, Biotechnology and Biochemistry, 2012, 76, 1580-1583.	1.3	32
61	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
62	Molecular characterization of Candida boidinii MIG1 and its role in the regulation of methanolâ€inducible gene expression. Yeast, 2012, 29, 293-301.	1.7	11
63	Methylovulum miyakonense gen. nov., sp. nov., a type I methanotroph isolated from forest soil. International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 810-815.	1.7	74
64	Yeast Methylotrophy and Autophagy in a Methanol-Oscillating Environment on Growing Arabidopsis thaliana Leaves. PLoS ONE, 2011, 6, e25257.	2.5	51
65	Stimulation of Methanotrophic Growth in Cocultures by Cobalamin Excreted by Rhizobia. Applied and Environmental Microbiology, 2011, 77, 8509-8515.	3.1	80
66	Yeast Methylotrophy: Metabolism, Gene Regulation and Peroxisome Homeostasis. International Journal of Microbiology, 2011, 2011, 1-8.	2.3	113
67	Autophagy in plants and phytopathogens. FEBS Letters, 2010, 584, 1350-1358.	2.8	67
68	Crystal structure of 3â€hexuloseâ€6â€phosphate synthase, a member of the orotidine 5â€²â€monophosphate decarboxylase suprafamily. Proteins: Structure, Function and Bioinformatics, 2010, 78, 3488-3492.	2.6	7
69	Trm2p-dependent derepression is essential for methanol-specific gene activation in the methylotrophic yeast Candida boidinii. FEMS Yeast Research, 2010, 10, no-no.	2.3	21
70	Peroxisomes as dynamic organelles: autophagic degradation. FEBS Journal, 2010, 277, 3289-3294.	4.7	72
71	The Peroxisomal Catalase Gene in the Methylotrophic YeastPichia methanolica. Bioscience, Biotechnology and Biochemistry, 2010, 74, 1733-1735.	1.3	14
72	A Novel Fluorescent Sensor Protein for Visualization of Redox States in the Cytoplasm and in Peroxisomes. Molecular and Cellular Biology, 2010, 30, 3758-3766.	2.3	100

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73	Atg8 regulates vacuolar membrane dynamics in a lipidation-independent manner in Pichia pastoris. Journal of Cell Science, 2010, 123, 4107-4116.	2.0	52
74	Molecular Characterization of Two Genes with High Similarity to the Dihydroxyacetone Synthase Gene in the Methylotrophic YeastPichia methanolica. Bioscience, Biotechnology and Biochemistry, 2010, 74, 1491-1493.	1.3	7
75	Atg26-mediated pexophagy and fungal phytopathogenicity. Autophagy, 2009, 5, 1041-1042.	9.1	15
76	Atg26-Mediated Pexophagy Is Required for Host Invasion by the Plant Pathogenic Fungus Colletotrichum orbiculare Â Â. Plant Cell, 2009, 21, 1291-1304.	6.6	138
77	Yap1-Regulated Glutathione Redox System Curtails Accumulation of Formaldehyde and Reactive Oxygen Species in Methanol Metabolism of Pichia pastoris. Eukaryotic Cell, 2009, 8, 540-549.	3.4	37
78	Genomic organization and biochemistry of the ribulose monophosphate pathway and its application in biotechnology. Applied Microbiology and Biotechnology, 2009, 84, 407-416.	3.6	25
79	Lagâ€phase autophagy in the methylotrophic yeast Pichia pastoris. Genes To Cells, 2009, 14, 861-870.	1.2	18
80	Methanolâ€inducible gene expression and heterologous protein production in the methylotrophic yeast Candida boidinii. Biotechnology and Applied Biochemistry, 2009, 53, 85-92.	3.1	41
81	Activation of the Oxidative Stress Regulator PpYap1 through Conserved Cysteine Residues during Methanol Metabolism in the YeastPichia pastoris. Bioscience, Biotechnology and Biochemistry, 2009, 73, 1404-1411.	1.3	15
82	Trm1p, a Zn(II) ₂ Cys ₆ -Type Transcription Factor, Is a Master Regulator of Methanol-Specific Gene Activation in the Methylotrophic Yeast Candida boidinii. Eukaryotic Cell, 2008, 7, 527-536.	3.4	30
83	Chapter 15 Pexophagy in Pichia pastoris. Methods in Enzymology, 2008, 451, 217-228.	1.0	8
84	Gene-tagging mutagenesis in the methylotrophic yeast Candida boidinii. Journal of Bioscience and Bioengineering, 2007, 104, 86-89.	2.2	10
85	Bifunctional enzyme fusion of 3-hexulose-6-phosphate synthase and 6-phospho-3-hexuloisomerase. Applied Microbiology and Biotechnology, 2007, 76, 439-445.	3.6	53
86	Regulation of two distinct alcohol oxidase promoters in the methylotrophic yeastPichia methanolica. Yeast, 2006, 23, 15-22.	1.7	22
87	Purification and characterization of benzoate-CoA ligase fromMagnetospirillumsp. strain TS-6 capable of aerobic and anaerobic degradation of aromatic compounds. FEMS Microbiology Letters, 2006, 257, 208-213.	1.8	26
88	The significance of peroxisomes in methanol metabolism in methylotrophic yeast. Biochimica Et Biophysica Acta - Molecular Cell Research, 2006, 1763, 1453-1462.	4.1	172
89	Pexophagy: Autophagic degradation of peroxisomes. Biochimica Et Biophysica Acta - Molecular Cell Research, 2006, 1763, 1767-1775.	4.1	193
90	Role of Vac8 in Formation of the Vacuolar Sequestering Membrane during Micropexophagy. Autophagy, 2006, 2, 272-279.	9.1	28

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91	PI4P-signaling pathway for the synthesis of a nascent membrane structure in selective autophagy. Journal of Cell Biology, 2006, 173, 709-717.	5.2	77
92	Assimilation, dissimilation, and detoxification of formaldehyde, a central metabolic intermediate of methylotrophic metabolism. Chemical Record, 2005, 5, 367-375.	5.8	107
93	Methanol Metabolism. , 2005, , 61-75.		13
94	A Sorting Nexin PpAtg24 Regulates Vacuolar Membrane Dynamics during Pexophagy via Binding to Phosphatidylinositol-3-Phosphate. Molecular Biology of the Cell, 2005, 16, 446-457.	2.1	69
95	Intracellular ATP Correlates with Mode of Pexophagy inPichia pastoris. Bioscience, Biotechnology and Biochemistry, 2005, 69, 1527-1533.	1.3	44
96	Anaerobic Degradation of Aromatic Compounds byMagnetospirillumStrains: Isolation and Degradation Genes. Bioscience, Biotechnology and Biochemistry, 2005, 69, 1483-1491.	1.3	83
97	Pexophagy: The Selective Autophagy of Peroxisomes. Autophagy, 2005, 1, 75-83.	9.1	250
98	Role of Î±-Methylacyl Coenzyme A Racemase in the Degradation of Methyl-Branched Alkanes by Mycobacterium sp. Strain P101. Journal of Bacteriology, 2004, 186, 7214-7220.	2.2	21
99	Modification of a Ubiquitin-like Protein Paz2 Conducted Micropexophagy through Formation of a Novel Membrane Structure. Molecular Biology of the Cell, 2004, 15, 58-70.	2.1	112
100	Alcohol dehydrogenases that catalyse methyl formate synthesis participate in formaldehyde detoxification in the methylotrophic yeastCandida boidinii. Yeast, 2004, 21, 341-350.	1.7	20
101	Molecular characterization of the glutathione-dependent formaldehyde dehydrogenase geneFLD1 from the methylotrophic yeastPichia methanolica. Yeast, 2004, 21, 445-453.	1.7	30
102	Peroxisome degradation requires catalytically active sterol glucosyltransferase with a GRAM domain. EMBO Journal, 2003, 22, 3231-3241.	7.8	96
103	A Unified Nomenclature for Yeast Autophagy-Related Genes. Developmental Cell, 2003, 5, 539-545.	7.0	1,147
104	Formaldehyde Fixation Contributes to Detoxification for Growth of a Nonmethylotroph, Burkholderia cepacia TM1, on Vanillic Acid. Applied and Environmental Microbiology, 2003, 69, 6128-6132.	3.1	44
105	Physiological role of S-formylglutathione hydrolase in C1 metabolism of the methylotrophic yeast Candida boidinii. Microbiology (United Kingdom), 2003, 149, 1971-1979.	1.8	30
106	Paz2 and 13 otherPAZgene products regulate vacuolar engulfment of peroxisomes during micropexophagy. Genes To Cells, 2002, 7, 75-90.	1.2	109
107	Physiological role of the second alcohol oxidase geneMOD2 in the methylotrophic growth ofPichia methanolica. Yeast, 2002, 19, 1067-1073.	1.7	26
108	Physiological role of the glutathione-dependent formaldehyde dehydrogenase in the methylotrophic yeast Candida boidinii b bThe GenBank accession number for the sequence reported in this paper is AB085186.. Microbiology (United Kingdom), 2002, 148, 2697-2704.	1.8	42

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109	Analysis of alcohol oxidase isozymes in gene-disrupted strains of methylotrophic yeast Pichia methanolica. Journal of Bioscience and Bioengineering, 2001, 91, 225-227.	2.2	22
110	Characterization and High-level Production of D-Amino Acid Oxidase in Candida boidinii. Bioscience, Biotechnology and Biochemistry, 2001, 65, 627-633.	1.3	27
111	Antioxidant System within Yeast Peroxisome. Journal of Biological Chemistry, 2001, 276, 14279-14288.	3.4	72
112	Gene Structures and Regulation of the Alkane Hydroxylase Complex in Acinetobacter sp. Strain M-1. Journal of Bacteriology, 2001, 183, 1819-1823.	2.2	130
113	Peroxisomal Catalase in the Methylotrophic Yeast Candida boidinii : Transport Efficiency and Metabolic Significance. Journal of Bacteriology, 2001, 183, 6372-6383.	2.2	53
114	Analysis of Alcohol Oxidase Isozymes in Gene-Disrupted Strains of Methylotrophic Yeast Pichia methanolica.. Journal of Bioscience and Bioengineering, 2001, 91, 225-227.	2.2	7
115	Cloning and sequence analysis of theCandida boidiniiADE2 gene. Yeast, 2000, 16, 953-957.	1.7	4
116	Physiological role of theD-amino acid oxidase gene,DAO1, in carbon and nitrogen metabolism in the methylotrophic yeastCandida boidinii. Yeast, 2000, 16, 1217-1227.	1.7	21
117	Regulation and evaluation of five methanol-inducible promoters in the methylotrophic yeast Candida boidinii. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2000, 1493, 56-63.	2.4	46
118	Environmental Response of Yeast Peroxisomes; Aspects of Organelle Assembly and Degradation. Cell Biochemistry and Biophysics, 2000, 32, 51-61.	1.8	22
119	Isolation and Characterization of a New Denitrifying Spirillum Capable of Anaerobic Degradation of Phenol. Applied and Environmental Microbiology, 2000, 66, 1286-1291.	3.1	61
120	A Novel Operon Encoding Formaldehyde Fixation: the Ribulose Monophosphate Pathway in the Gram-Positive Facultative Methylotrophic Bacterium Mycobacterium gastri MB19. Journal of Bacteriology, 2000, 182, 944-948.	2.2	41
121	A Methylotrophic Pathway Participates in Pectin Utilization by Candida boidinii. Applied and Environmental Microbiology, 2000, 66, 4253-4257.	3.1	52
122	Peroxisomal Membrane Protein Pmp47 Is Essential in the Metabolism of Middle-chain Fatty Acid in Yeast Peroxisomes and Is Associated with Peroxisome Proliferation. Journal of Biological Chemistry, 2000, 275, 3455-3461.	3.4	44
123	Primary structure and expression of peroxisomal acetylspermidine oxidase in the methylotrophic yeastCandida boidinii. FEBS Letters, 2000, 476, 150-154.	2.8	24
124	Cloning and sequence analysis of the Candida boidinii ADE2 gene. Yeast, 2000, 16, 953-957.	1.7	1
125	Biotechnological application of cellular functions of the methylotrophic yeast. Journal of Molecular Catalysis B: Enzymatic, 1999, 6, 161-173.	1.8	27
126	Subcellular localization of fructosyl amino acid oxidases in peroxisomes of Aspergillus terreus and Penicillium janthinellum. Journal of Bioscience and Bioengineering, 1999, 87, 108-111.	2.2	9

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127	A novel hemiacetal dehydrogenase activity involved in ethyl acetate synthesis in Candida utilis. Journal of Bioscience and Bioengineering, 1999, 87, 690-692.	2.2	18
128	Alcohol oxidase hybrid oligomers formedin vivo andin vitro. Yeast, 1999, 15, 1223-1230.	1.7	38
129	Production of fungal fructosyl amino acid oxidase useful for diabetic diagnosis in the peroxisome ofCandida boidinii. FEBS Letters, 1999, 459, 233-237.	2.8	23
130	Organization of the genes involved in the ribulose monophosphate pathway in an obligate methylotrophic bacterium, Methylomonas aminofaciens 77a. FEMS Microbiology Letters, 1999, 176, 125-130.	1.8	1
131	Regulation of peroxisomal proteins and organelle proliferation by multiple carbon sources in the methylotrophic yeast,Candida boidinii. Yeast, 1998, 14, 1175-1187.	1.7	45
132	Hemiacetal Dehydrogenation Activity of Alcohol Dehydrogenases inSaccharomyces cerevisiae. Bioscience, Biotechnology and Biochemistry, 1998, 62, 1956-1961.	1.3	29
133	Peroxisome Degradation by Microautophagy in Pichia pastoris: Identification of Specific Steps and Morphological Intermediates. Journal of Cell Biology, 1998, 141, 625-636.	5.2	230
134	Cellular Functions of the Methylotrophic Yeast: Their Molecular Mechanism and Applications.. Nippon Nogeikagaku Kaishi, 1998, 72, 1333-1344.	0.0	0
135	Regulation and Physiological Role of the DAS1 Gene, Encoding Dihydroxyacetone Synthase, in the Methylotrophic Yeast Candida boidinii. Journal of Bacteriology, 1998, 180, 5885-5890.	2.2	49
136	High-level secretion of fungal glucoamylase using the Candida boidinii gene expression system. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1996, 1308, 81-87.	2.4	41
137	Primary Structures of Fungal Fructosyl Amino Acid Oxidases and their Application to the Measurement of Glycated Proteins. FEBS Journal, 1996, 242, 499-505.	0.2	58
138	Cloning and sequence analysis of the gene encoding 3-hexulose-6-phosphate synthase from the methylotrophic bacterium,Methylomonas aminofaciens77a, and its expression inEscherichia coli. FEMS Microbiology Letters, 1996, 135, 201-205.	1.8	29
139	Diversity of dioxygenases that catalyze the first step of oxidation of long-chain n-alkanes in Acinetobacter sp. M-1. FEMS Microbiology Letters, 1996, 141, 177-182.	1.8	3
140	A novel formaldehyde oxidation pathway in methylotrophic yeasts: Methylformate as a possible intermediate. FEMS Microbiology Letters, 1995, 127, 229-234.	1.8	33
141	Isolation and Characterization of Mutants of the Methylotrophic Yeast,Candida boidiniiS2 That Are Impaired in Growth on Peroxisome-Inducing Carbon Sources. Bioscience, Biotechnology and Biochemistry, 1995, 59, 869-875.	1.3	8
142	Purification and Properties of Fructosyl Lysine Oxidase fromFusarium oxysporumS-1F4. Bioscience, Biotechnology and Biochemistry, 1995, 59, 487-491.	1.3	53
143	Highâ€“Level ATP Production by a Geneticallyâ€“Engineered Candida Yeast. Bio/technology, 1994, 12, 291-293.	1.5	32
144	Improvement of ATP Production with Cells of a Methylotrophic Yeast, Candida boidinii, by Genetic Engineering.. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 1994, 70, 53-57.	3.8	4

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145	Cloning and sequencing of the alcohol oxidase-encoding gene (AOD1) from the formaldehyde-producing asporogeneous methylotrophic yeast, Candida boidinii S2. Gene, 1992, 114, 67-73.	2.2	71
146	Production of catalytic cells for formaldehyde production and alcohol oxidase by a catabolite repression-insensitive mutant of a methanol yeastCandida boidinii A5. Biotechnology and Bioengineering, 1988, 32, 1165-1169.	3.3	6
147	Production of Formaldehyde by Detergent-Treated Cells of a Methanol Yeast, Candida boidinii S2 Mutant Strain AOU-1. Applied and Environmental Microbiology, 1988, 54, 485-489.	3.1	24
148	Isolation and characterization of a mutant of a methanol yeast, Candida boidinii S2, with higher formaldehyde productivity.. Agricultural and Biological Chemistry, 1985, 49, 2699-2706.	0.3	40
149	Isolation and Characterization of a Mutant of a Methanol Yeast, Candida boidinii S2, with Higher Formaldehyde Productivity. Agricultural and Biological Chemistry, 1985, 49, 2699-2706.	0.3	27