Kaoru Takegawa

List of Publications by Year
in descending order

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153 papers	6,478 citations	147801 31 h-index	69250 77 g-index
155 all docs	155 docs citations	155 times ranked	11797 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
2	Engineering of protein secretion in yeast: strategies and impact on protein production. Applied Microbiology and Biotechnology, 2010, 86, 403-417.	3.6	281
3	Enhanced Transglycosylation Activity of Arthrobacter protophormiae Endo-Î²-N-acetylglucosaminidase in Media Containing Organic Solvents. Journal of Biological Chemistry, 1995, 270, 17723-17729.	3.4	121
4	Synthesis of Neoglycoproteins Using Oligosaccharide-transfer Activity with Endo-Î²-N-Acetylglucosaminidase. Journal of Biological Chemistry, 1995, 270, 3094-3099.	3.4	104
5	TheSchizosaccharomyces pombe gms1+Gene Encodes an UDP-Galactose Transporter Homologue Required for Protein Galactosylation. Biochemical and Biophysical Research Communications, 1997, 232, 121-125.	2.1	80
6	Genome Sequence of the White Koji Mold Aspergillus kawachii IFO 4308, Used for Brewing the Japanese Distilled Spirit Shochu. Eukaryotic Cell, 2011, 10, 1586-1587.	3.4	78
7	Induction and Purification of Endo-Î²- N -Acetylglucosaminidase from Arthrobacter protophormiae Grown in Ovalbumin. Applied and Environmental Microbiology, 1989, 55, 3107-3112.	3.1	78
8	Multiple functions of ergosterol in the fission yeast Schizosaccharomyces pombe. Microbiology (United Kingdom), 2008, 154, 830-841.	1.8	76
9	A simple and efficient procedure for transformation ofSchizosaccharomyces pombe. Yeast, 2004, 21, 613-617.	1.7	73
10	Isolation and Characterization of an Invertase and Its Repressor Genes fromSchizosaccharomyces pombe. Biochemical and Biophysical Research Communications, 1998, 245, 246-253.	2.1	67
11	Schizosaccharomyces pombe minimum genome factory. Biotechnology and Applied Biochemistry, 2007, 46, 147.	3.1	65
12	Cloning, Sequencing, and Expression ofArthrobacter protophormiaeEndo-Î²-N-acetylglucosaminidase inEscherichia coli. Archives of Biochemistry and Biophysics, 1997, 338, 22-28.	3.0	63
13	Autophagy-deficient Schizosaccharomyces pombe mutants undergo partial sporulation during nitrogen starvation. Microbiology (United Kingdom), 2009, 155, 3816-3826.	1.8	63
14	Variable phase-contrast fluorescence spectrometry for fluorescently stained cells. Applied Physics Letters, 2006, 89, 121103.	3.3	62
15	<scp>gfsA</scp> encodes a novel galactofuranosyltransferase involved in biosynthesis of galactofuranose antigen of <scp>O</scp>â€glycan in <scp>A</scp>spergillus nidulans and <scp>A</scp>spergillus fumigatus. Molecular Microbiology, 2013, 90, 1054-1073.	2.5	60
16	Enhanced protein secretion from multiprotease-deficient fission yeast by modification of its vacuolar protein sorting pathway. Applied Microbiology and Biotechnology, 2010, 85, 667-677.	3.6	59
17	Production of heterologous proteins using the fission-yeast (Schizosaccharomyces pombe) expression system. Biotechnology and Applied Biochemistry, 2009, 53, 227-235.	3.1	58
18	A Set ofloxPMarker Cassettes for Cre-mediated Multiple Gene Disruption inSchizosaccharomyces pombe. Bioscience, Biotechnology and Biochemistry, 2004, 68, 545-550.	1.3	49

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19	A simple and effective chromosome modification method for large-scale deletion of genome sequences and identification of essential genes in fission yeast. Nucleic Acids Research, 2006, 34, e11-e11.	14.5	49
20	The gld1 + gene encoding glycerol dehydrogenase is required for glycerol metabolism in Schizosaccharomyces pombe. Applied Microbiology and Biotechnology, 2010, 87, 715-727.	3.6	49
21	Characterization ofend4+, a gene required for endocytosis inSchizosaccharomyces pombe. Yeast, 2004, 21, 867-881.	1.7	48
22	Vesicle-mediated Protein Transport Pathways to the Vacuole in Schizosaccharomyces pombe. Cell Structure and Function, 2003, 28, 399-417.	1.1	46
23	Protein O -Mannosyltransferases B and C Support Hyphal Development and Differentiation in Aspergillus nidulans. Eukaryotic Cell, 2009, 8, 1465-1474.	3.4	43
24	Autophagy in the fission yeast Schizosaccharomyces pombe. FEBS Letters, 2010, 584, 1327-1334.	2.8	43
25	Vacuolar protein sorting receptor in Schizosaccharomyces pombe. Microbiology (United Kingdom), 2006, 152, 1523-1532.	1.8	39
26	A survey of all 11 ABC transporters in fission yeast: two novel ABC transporters are required for red pigment accumulation in a Schizosaccharomyces pombe adenine biosynthetic mutant. Microbiology (United Kingdom), 2006, 152, 2309-2321.	1.8	38
27	Transglycosylation Activity of Glycosynthase Mutants of Endo-Î²-N-Acetylglucosaminidase from Coprinopsis cinerea. PLoS ONE, 2015, 10, e0132859.	2.5	38
28	Characterization ofvps33+, a gene required for vacuolar biogenesis and protein sorting inSchizosaccharomyces pombe. Yeast, 2003, 20, 845-855.	1.7	37
29	Two Fission Yeast Rab7 Homologs, Ypt7 and Ypt71, Play Antagonistic Roles in the Regulation of Vacuolar Morphology. Traffic, 2009, 10, 912-924.	2.7	34
30	Identification of a galactoseâ€specific flocculin essential for nonâ€sexual flocculation and filamentous growth in Schizosaccharomyces pombe. Molecular Microbiology, 2011, 82, 1531-1544.	2.5	33
31	Snf1-Like Protein Kinase Ssp2 Regulates Glucose Derepression in Schizosaccharomyces pombe. Eukaryotic Cell, 2012, 11, 159-167.	3.4	33
32	Cell Surface Galactosylation Is Essential for Nonsexual Flocculation in Schizosaccharomyces pombe. Journal of Bacteriology, 1999, 181, 1356-1359.	2.2	33
33	GfsA is a Î²1,5-galactofuranosyltransferase involved in the biosynthesis of the galactofuran side chain of fungal-type galactomannan in Aspergillus fumigatus. Glycobiology, 2017, 27, 568-581.	2.5	32
34	Essential roles of class E Vps proteins for sorting into multivesicular bodies in Schizosaccharomyces pombe. Microbiology (United Kingdom), 2007, 153, 2753-2764.	1.8	32
35	Functional characterization of Gms1p/UDP-galactose transporter inSchizosaccharomyces pombe. Yeast, 2001, 18, 745-757.	1.7	31
36	Transfer of Man9GlcNAc tol-fucose by endo-?-N-acetylglucosaminidase fromArthrobacter protophormiae. Glycoconjugate Journal, 1996, 13, 643-652.	2.7	30

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37	Characterization of aSchizosaccharomyces pombe mutant deficient in UDP-galactose transport activity. Yeast, 2001, 18, 903-914.	1.7	30
38	Valproic Acid Affects Membrane Trafficking and Cell-Wall Integrity in Fission Yeast. Genetics, 2007, 175, 1695-1705.	2.9	30
39	Production of 3-hydroxypropionic acid via the malonyl-CoA pathway using recombinant fission yeast strains. Journal of Bioscience and Bioengineering, 2017, 124, 392-399.	2.2	29
40	Six new amino acid-auxotrophic markers for targeted gene integration and disruption in fission yeast. Current Genetics, 2007, 52, 97-105.	1.7	28
41	Complete amino acid sequence of endo-beta-N-acetylglucosaminidase from Flavobacterium sp.. FEBS Journal, 1991, 202, 175-180.	0.2	27
42	Identification and characterization of a gene required for ÃŽÂ±1,2-mannose extension in theO-linked glycan synthesis pathway inSchizosaccharomyces pombe. FEMS Yeast Research, 2009, 9, 115-125.	2.3	27
43	Theoch1Mutant ofSchizosaccharomyces pombeProduces Galactosylated Core Structures ofN-Linked Oligosaccharides. Bioscience, Biotechnology and Biochemistry, 2009, 73, 407-414.	1.3	26
44	Characterization of Endo-Î²-N-acetylglucosaminidase from AlkaliphilicBacillus haloduransC-125. Bioscience, Biotechnology and Biochemistry, 2004, 68, 1059-1066.	1.3	25
45	Elucidation of the role of sugar chains in glucoamylase using endo-Î²-N-acetylglucosaminidase from Flavobacterium sp.. BBA - Proteins and Proteomics, 1988, 955, 187-193.	2.1	23
46	Schizosaccharomyces pombe UDP-galactose transporter: identification of its functional form through cDNA cloning and expression in mammalian cells. FEBS Letters, 1999, 451, 295-298.	2.8	23
47	Role of phosphatidylinositol 3-phosphate in formation of forespore membrane inSchizosaccharomyces pombe. Yeast, 2003, 20, 193-206.	1.7	23
48	Homocysteine accumulation causes a defect in purine biosynthesis: further characterization of Schizosaccharomyces pombe methionine auxotrophs. Microbiology (United Kingdom), 2006, 152, 397-404.	1.8	23
49	New insights into galactose metabolism by Schizosaccharomyces pombe: Isolation and characterization of a galactose-assimilating mutant. Journal of Bioscience and Bioengineering, 2011, 111, 158-166.	2.2	23
50	Intracellular trafficking and ubiquitination of the Schizosaccharomyces pombe amino acid permease Aat1p. Microbiology (United Kingdom), 2012, 158, 659-673.	1.8	23
51	Functional analysis of the human NRAMP family expressed in fission yeast. Biochemical Journal, 1999, 344, 211-219.	3.7	22
52	Characterization of O-mannosyltransferase family in Schizosaccharomyces pombe. Biochemical and Biophysical Research Communications, 2005, 330, 813-820.	2.1	22
53	The fission yeast Pvg1p has galactoseâ€specific pyruvyltransferase activity. FEBS Letters, 2013, 587, 917-921.	2.8	22
54	Identification of the fnx1⁺ and fnx2⁺ genes for vacuolar amino acid transporters in Schizosaccharomyces pombe. FEBS Letters, 2008, 582, 2225-2230.	2.8	21

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55	Overexpression of protein disulfide isomerases enhances secretion of recombinant human transferrin in Schizosaccharomyces pombe. Applied Microbiology and Biotechnology, 2010, 86, 1135-1143.	3.6	21
56	Highly efficient transglycosylation of sialo-complex-type oligosaccharide using Coprinopsis cinerea endoglycosidase and sugar oxazoline. Biotechnology Letters, 2017, 39, 157-162.	2.2	21
57	A Role for Fission Yeast Rab GTPase Ypt7p in Sporulation. Cell Structure and Function, 2005, 30, 43-49.	1.1	21
58	Sorting nexin homologues are targets of phosphatidylinositol 3-phosphate in sporulation of Schizosaccharomyces pombe. Genes To Cells, 2004, 9, 561-574.	1.2	20
59	A Method for Measuring the Three-Dimensional Refractive-Index Distribution of Single Cells Using Proximal Two-Beam Optical Tweezers and a Phase-Shifting Machâ€"Zehnder Interferometer. Optical Review, 2007, 14, 161-164.	2.0	20
60	Dextran sodium sulfate enhances secretion of recombinant human transferrin in Schizosaccharomyces pombe. Applied Microbiology and Biotechnology, 2009, 85, 155-164.	3.6	20
61	N- and O-linked oligosaccharides completely lack galactose residues in the gms1och1 mutant of Schizosaccharomyces pombe. Applied Microbiology and Biotechnology, 2010, 86, 263-272.	3.6	20
62	Characterization of genome-reduced fission yeast strains. Nucleic Acids Research, 2013, 41, 5382-5399.	14.5	20
63	The dynamin-related protein Vps1 regulates vacuole fission, fusion and tubulation in the fission yeast, Schizosaccharomyces pombe. Fungal Genetics and Biology, 2009, 46, 927-935.	2.1	19
64	Processing and maturation of carboxypeptidase Y and alkaline phosphatase in Schizosaccharomyces pombe. Applied Microbiology and Biotechnology, 2011, 90, 203-213.	3.6	18
65	Identification and Characterization of a Novel Galactofuranose-Specific Î²-D-Galactofuranosidase from Streptomyces Species. PLoS ONE, 2015, 10, e0137230.	2.5	18
66	Identification of Novel Î±1,3-Galactosyltransferase and Elimination of Î±-Galactose-containing Glycans by Disruption of Multiple Î±-Galactosyltransferase Genes in Schizosaccharomyces pombe. Journal of Biological Chemistry, 2012, 287, 38866-38875.	3.4	17
67	Chemoenzymatic Synthesis of Neoglycoproteins Using Transglycosylation with Endo-Î²-N-acetylglucosaminidase A. Biochemical and Biophysical Research Communications, 2001, 282, 678-682.	2.1	16
68	Development of a genetic transformation system using new selectable markers for fission yeastSchizosaccharomyces pombe. Yeast, 2005, 22, 193-202.	1.7	16
69	A precise method for rotating single cells. Applied Physics Letters, 2006, 88, 131103.	3.3	16
70	Characterization of two different types of UDP-glucose/-galactose4-epimerase involved in galactosylation in fission yeast. Microbiology (United Kingdom), 2010, 156, 708-718.	1.8	16
71	PhpA, a tyrosine phosphatase of Myxococcus xanthus, is involved in the production of exopolysaccharide. Microbiology (United Kingdom), 2012, 158, 2546-2555.	1.8	16
72	MADS Box Transcription Factor Mbx2/Pvg4 Regulates Invasive Growth and Flocculation by Inducing gsf2 ⁺ Expression in Fission Yeast. Eukaryotic Cell, 2012, 11, 151-158.	3.4	16

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73	A rationally engineered yeast pyruvyltransferase Pvg1p introduces sialylation-like properties in neo-human-type complex oligosaccharide. Scientific Reports, 2016, 6, 26349.	3.3	16
74	Isolation and Characterization of a Novel Endo-Î²-galactofuranosidase fromBacillussp.. Bioscience, Biotechnology and Biochemistry, 1995, 59, 1856-1860.	1.3	15
75	Identification of a SNARE protein required for vacuolar protein transport in Schizosaccharomyces pombe. Biochemical and Biophysical Research Communications, 2003, 311, 77-82.	2.1	14
76	Production of heterologous glycoproteins by a glycosylation-defective alg3och1 mutant of Schizosaccharomyces pombe. Journal of Biotechnology, 2010, 150, 348-356.	3.8	14
77	Structural analysis of Â1,3-linked galactose-containing oligosaccharides in Schizosaccharomyces pombe mutants harboring single and multiple Â-galactosyltransferase genes disruptions. Glycobiology, 2011, 21, 340-351.	2.5	14
78	The endogenous galactofuranosidase GlfH1 hydrolyzes mycobacterial arabinogalactan. Journal of Biological Chemistry, 2020, 295, 5110-5123.	3.4	14
79	Preparation and biological activities of anti-HER2 monoclonal antibodies with fully core-fucosylated homogeneous bi-antennary complex-type glycans. Bioscience, Biotechnology and Biochemistry, 2017, 81, 2353-2359.	1.3	13
80	Structural basis for the specific cleavage of core-fucosylated N-glycans by endo-Î²-N-acetylglucosaminidase from the fungus Cordyceps militaris. Journal of Biological Chemistry, 2019, 294, 17143-17154.	3.4	13
81	Biosynthesis of Î²-(1â†'5)-Galactofuranosyl Chains of Fungal-Type and O -Mannose-Type Galactomannans within the Invasive Pathogen Aspergillus fumigatus. MSphere, 2020, 5, .	2.9	13
82	Analysis of an acyl-CoA binding protein in Aspergillus oryzae that undergoes unconventional secretion. Biochemical and Biophysical Research Communications, 2017, 493, 481-486.	2.1	12
83	Characterization of novel endo-Î²-N-acetylglucosaminidases from Sphingobacterium species, Beauveria bassiana and Cordyceps militaris that specifically hydrolyze fucose-containing oligosaccharides and human IgG. Scientific Reports, 2018, 8, 246.	3.3	12
84	Heterologous expression and characterization of Schizosaccharomyces pombe vacuolar carboxypeptidase Y in Saccharomyces cerevisiae. Current Genetics, 2003, 42, 252-259.	1.7	11
85	The Ubiquitin Ligase Ubr11 Is Essential for Oligopeptide Utilization in the Fission Yeast Schizosaccharomyces pombe. Eukaryotic Cell, 2012, 11, 302-310.	3.4	11
86	Early endosome motility mediates Î±-amylase production and cell differentiation in Aspergillus oryzae. Scientific Reports, 2017, 7, 15757.	3.3	11
87	1,6-Î±-L-Fucosidases from <i>Bifidobacterium</i> <i>longum</i> subsp. <i>infantis</i> ATCC 15697 Involved in the Degradation of Core-fucosylated <i>N</i>-Glycan. Journal of Applied Glycoscience (1999), 2020, 67, 23-29.	0.7	11
88	Functional Expression and Characterization of Schizosaccharomyces pombe Avt3p as a Vacuolar Amino Acid Exporter in Saccharomyces cerevisiae. PLoS ONE, 2015, 10, e0130542.	2.5	10
89	Subcellular localization of acyl-CoA binding protein in Aspergillus oryzae is regulated by autophagy machinery. Biochemical and Biophysical Research Communications, 2016, 480, 8-12.	2.1	10
90	Characterization of a PA14 domain-containing galactofuranose-specific Î²-<scp>d</scp>-galactofuranosidase from Streptomyces sp.. Bioscience, Biotechnology and Biochemistry, 2017, 81, 1314-1319.	1.3	10

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91	Catalytic Activity Profile of Polyphosphate Kinase 1 from Myxococcus xanthus. Current Microbiology, 2018, 75, 379-385.	2.2	10
92	Translational velocity measurement for single floating cell based on optical Fourier transform theory. Applied Physics Letters, 2006, 88, 101114.	3.3	9
93	The zinc finger protein Gsf1 regulates Gsf2-dependent flocculation in fission yeast. FEMS Yeast Research, 2013, 13, 259-266.	2.3	9
94	Identification and characterization of a novel Î²-D-galactosidase that releases pyruvylated galactose. Scientific Reports, 2018, 8, 12013.	3.3	9
95	Biosynthetic Pathway and Physiological Role of Galactose-Containing Oligosaccharides in Fission Yeast Schizosaccharomyces pombe.. Trends in Glycoscience and Glycotechnology, 2001, 13, 519-532.	0.1	9
96	Schizosaccharomyces pombe Pep12p is required for vacuolar protein transport and vacuolar homotypic fusion. Journal of Bioscience and Bioengineering, 2011, 112, 309-314.	2.2	8
97	Ethanol-inducible gene expression using gld1 + promoter in the fission yeast Schizosaccharomyces pombe. Applied Microbiology and Biotechnology, 2013, 97, 6835-6843.	3.6	8
98	Regulation of mating type switching by the mating type genes and RME1 in Ogataea polymorpha. Scientific Reports, 2017, 7, 16318.	3.3	8
99	Functional analysis of putative phosphoenolpyruvate transporters localized to the Golgi apparatus inSchizosaccharomyces pombe. FEMS Yeast Research, 2014, 14, n/a-n/a.	2.3	7
100	Enzymatic Synthesis of Neoglycoconjugates by Transglycosylation with Endo-Î²-N-acetylglucosaminidase A. Methods in Enzymology, 2003, 362, 64-74.	1.0	6
101	Atg22p, a Vacuolar Membrane Protein Involved in the Amino Acid Compartmentalization ofSchizosaccharomyces pombe. Bioscience, Biotechnology and Biochemistry, 2011, 75, 385-387.	1.3	6
102	Expression of budding yeast IPT1 produces mannosyldiinositol phosphorylceramide in fission yeast and inhibits cell growth. Microbiology (United Kingdom), 2012, 158, 1219-1228.	1.8	6
103	Promotion of glycerol utilization using ethanol and 1-propanol in Schizosaccharomyces pombe. Applied Microbiology and Biotechnology, 2012, 95, 441-449.	3.6	6
104	Draft Genome Sequence of Streptomyces sp. JHA19, a Strain That Possesses Î²- d -Galactofuranosidase Activity. Genome Announcements, 2015, 3, .	0.8	6
105	Chemo-enzymatic synthesis of p-nitrophenyl Î²-D-galactofuranosyl disaccharides from Aspergillus sp. fungal-type galactomannan. Carbohydrate Research, 2019, 473, 99-103.	2.3	6
106	Single-Molecule FISH Reveals Subcellular Localization of Î±-Amylase and Actin mRNAs in the Filamentous Fungus Aspergillus oryzae. Frontiers in Microbiology, 2020, 11, 578862.	3.5	6
107	SpMnn9p and SpAnp1p form a protein complex involved in mannan synthesis in the fission yeast Schizosaccharomyces pombe. Journal of Bioscience and Bioengineering, 2020, 130, 335-340.	2.2	6
108	Identification of Amino Acid Residues Essential for the Substrate Specificity of Flavobacterium sp. Endo-Î²-N-acetylglucosaminidase. Bioscience, Biotechnology and Biochemistry, 2001, 65, 1542-1548.	1.3	5

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109	ght2 + is required for UDP-galactose synthesis from extracellular galactose by Schizosaccharomyces pombe. Applied Microbiology and Biotechnology, 2013, 97, 4957-4964.	3.6	5
110	Characterization and functional analysis of ERAD-related AAA+ ATPase Cdc48 in Aspergillus oryzae. Fungal Biology, 2020, 124, 801-813.	2.5	5
111	Characterization of N- and O-linked galactosylated oligosaccharides from fission yeast species. Journal of Bioscience and Bioengineering, 2020, 130, 128-136.	2.2	5
112	Identification and characterization of Î²-d-galactofuranosidases from Aspergillus nidulans and Aspergillus fumigatus. Journal of Bioscience and Bioengineering, 2021, 131, 1-7.	2.2	5
113	Secretory production of N-glycan-deleted glycoprotein in Aspergillus oryzae. Journal of Bioscience and Bioengineering, 2020, 129, 573-580.	2.2	5
114	.BETA.-Eliminative cleavage of the acidic polysaccharide of Fusarium sp. M7-1 by an enzyme preparation of Cellulomonas sp.. Agricultural and Biological Chemistry, 1990, 54, 419-425.	0.3	5
115	Analysis of ambient pH stress response mediated by iron and copper intake in Schizosaccharomyces pombe. Journal of Bioscience and Bioengineering, 2018, 125, 92-96.	2.2	4
116	Galactofuranosidase from JHA 19 Streptomyces sp.: subcloning and biochemical characterization. Carbohydrate Research, 2019, 480, 35-41.	2.3	4
117	Identification and characterization of a novel, versatile sialidase from a Sphingobacterium that can hydrolyze the glycosides of any sialic acid species at neutral pH. Biochemical and Biophysical Research Communications, 2020, 523, 487-492.	2.1	4
118	Characterization of novel endo-Î²-N-acetylglucosaminidase from Bacteroides nordii that hydrolyzes multi-branched complex type N-glycans. Journal of Bioscience and Bioengineering, 2022, 134, 7-13.	2.2	4
119	Attitudinal manipulation of an optically trapped bacillary probe by controlling the distance between focal points for local dosing in cells. Applied Physics Letters, 2006, 89, 131107.	3.3	3
120	CUE Domain-Containing Protein Vps901 Is Required for Vacuolar Protein Transport inSchizosaccharomyces pombe. Bioscience, Biotechnology and Biochemistry, 2012, 76, 652-659.	1.3	3
121	The amino-terminal hydrophilic region of the vacuolar transporter Avt3p is dispensable for the vacuolar amino acid compartmentalization of Schizosaccharomyces pombe. Bioscience, Biotechnology and Biochemistry, 2016, 80, 2291-2297.	1.3	3
122	Mutation in fission yeast phosphatidylinositol 4-kinase Pik1 is synthetically lethal with defect in telomere protection protein Pot1. Biochemical and Biophysical Research Communications, 2018, 496, 1284-1290.	2.1	3
123	Genomic Sequence of Saccharomyces cerevisiae BAW-6, a Yeast Strain Optimal for Brewing Barley Shochu. Genome Announcements, 2018, 6, .	0.8	3
124	Substrate specificities of Î±1,2- and Î±1,3-galactosyltransferases and characterization of Gmh1p and Otg1p in Schizosaccharomyces pombe. Glycobiology, 2021, 31, 1037-1045.	2.5	3
125	Galactose-Specific Recognition System in the Fission Yeast <i>Schizosaccharomyces pombe</i>. Trends in Glycoscience and Glycotechnology, 2012, 24, 24-42.	0.1	3
126	Involvement of AAA ATPase AipA in endocytosis of the arginine permease AoCan1 depending on AoAbp1 in Aspergillus oryzae. Fungal Biology, 2022, 126, 149-161.	2.5	3

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127	Primary Structure of anO-Linked Sugar Chain Derived from Glucose Oxidase ofAspergillus niger. Agricultural and Biological Chemistry, 1991, 55, 883-884.	0.3	2
128	Three-dimensional phase-contrast imaging of single floating cells. Applied Physics Letters, 2006, 89, 241117.	3.3	2
129	Displacement measurement of the depth migration of transparent cells. Applied Physics Letters, 2006, 89, 241102.	3.3	2
130	Technique for measuring the rotational velocity of a single cell. Applied Physics Letters, 2007, 90, 051103.	3.3	2
131	Draft Genome Sequence of Streptomyces sp. JHA26, a Strain That Harbors a PA14 Domain Containing Î²- <scp>d</scp> -Galactofuranosidase. Genome Announcements, 2017, 5, .	0.8	2
132	Catechol O-methyltransferase homologs in Schizosaccharomyces pombe are response factors to alkaline and salt stress. Applied Microbiology and Biotechnology, 2019, 103, 4881-4887.	3.6	2
133	Stm1 is a vacuolar PQ-loop protein involved in the transport of basic amino acids in Schizosaccharomyces pombe. Biochimica Et Biophysica Acta - Biomembranes, 2021, 1863, 183507.	2.6	2
134	Correlative Localization Analysis Between mRNA and Enhanced Green Fluorescence Protein-Fused Protein by a Single-Molecule Fluorescence in situ Hybridization Using an egfp Probe in Aspergillus oryzae. Frontiers in Fungal Biology, 2021, 2, .	2.0	2
135	Microbial Î±-L-Rhamnosidases of Glycosyl Hydrolase Families GH78 and GH106 Have Broad Substrate Specificities toward Î±-L-Rhamnosyl- and Î±-L-Mannosyl-Linkages. Journal of Applied Glycoscience (1999), 2020, 67, 87-93.	0.7	2
136	Deglycosylated glucoamylase from Rhizopus niveus is precipitated by Flavobacterium sp. endo-.BETA.-N-acetylglucosaminidase.. Agricultural and Biological Chemistry, 1988, 52, 2941-2942.	0.3	1
137	Method for measuring the three-dimensional distribution of a fluorescent dye in a cell membrane. Applied Physics Letters, 2007, 90, 021110.	3.3	1
138	Vsl1p cooperates with Fsv1p for vacuolar protein transport and homotypic fusion in Schizosaccharomyces pombe. Microbiology (United Kingdom), 2015, 161, 89-98.	1.8	1
139	Coordinated regulation by two VPS9 domain-containing guanine nucleotide exchange factors in small GTPase Rab5 signaling pathways in fission yeast. Biochemical and Biophysical Research Communications, 2015, 458, 802-809.	2.1	1
140	Draft Genome Sequence of Bacillus clausii AKU0647, a Strain That Produces Endo-Î²- N -Acetylglucosaminidase A. Genome Announcements, 2016, 4, .	0.8	1
141	Substrate specificity of Nudix hydrolases from Myxococcus xanthus. Journal of General and Applied Microbiology, 2018, 64, 94-98.	0.7	1
142	Draft Genome Sequence of Sphingobacterium sp. Strain HMA12, Which Encodes Endo-Î²- N -Acetylglucosaminidases and Can Specifically Hydrolyze Fucose-Containing Oligosaccharides. Genome Announcements, 2018, 6, .	0.8	1
143	Golgi localization of glycosyltransferases requires Gpp74p in Schizosaccharomyces pombe. Applied Microbiology and Biotechnology, 2020, 104, 8897-8909.	3.6	1
144	The fission yeast gmn2⁺ gene encodes an ERD1 homologue of Saccharomyces cerevisiae required for protein glycosylation and retention of luminal endoplasmic reticulum proteins. Journal of General and Applied Microbiology, 2021, 67, 67-76.	0.7	1

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145	Overexpression of cell-wall GPI-anchored proteins restores cell growth of N-glycosylation-defective och1 mutants in Schizosaccharomyces pombe. Applied Microbiology and Biotechnology, 2021, 105, 8771-8781.	3.6	1
146	SIN-Like Pathway Kinases Regulate the End of Mitosis in the Methylotrophic Yeast Ogataea polymorpha. Cells, 2022, 11, 1519.	4.1	1
147	A double filtering method for measuring the translational velocity of fluorescently stained cells. Applied Physics Letters, 2007, 91, 131116.	3.3	0
148	N-glycans are not required for the efficient degradation of the mutant Saccharomyces cerevisiae CPY* in Schizosaccharomyces pombe. Applied Microbiology and Biotechnology, 2012, 93, 1609-1618.	3.6	0
149	Draft Genome Sequence of Bacillus sp. HMA207, a Strain That Exhibits Î²- d -Galactosidase Activity To Release Pyruvylated Galactose. Microbiology Resource Announcements, 2018, 7, .	0.6	0
150	Glycan-Mediated Interactions Between Fungal and Higher Animal Cells. , 2021, , 110-118.		0
151	Insights into Metabolism and the Galactose Recognition System from Microarray Analysis in the Fission Yeast Schizosaccharomyces pombe. , 2014, , 109-118.		0
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