

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	Involvement of AAA ATPase AipA in endocytosis of the arginine permease AoCan1 depending on AoAbp1 in <i>Aspergillus oryzae</i> . <i>Fungal Biology</i> , 2022, 126, 149-161.	2.5	3
2	SIN-Like Pathway Kinases Regulate the End of Mitosis in the Methylophilic Yeast <i>Ogataea polymorpha</i> . <i>Cells</i> , 2022, 11, 1519.	4.1	1
3	Characterization of novel endo- β -N-acetylglucosaminidase from <i>Bacteroides nordii</i> that hydrolyzes multi-branched complex type N-glycans. <i>Journal of Bioscience and Bioengineering</i> , 2022, 134, 7-13.	2.2	4
4	Identification and characterization of β -D-galactofuranosidases from <i>Aspergillus nidulans</i> and <i>Aspergillus fumigatus</i> . <i>Journal of Bioscience and Bioengineering</i> , 2021, 131, 1-7.	2.2	5
5	Stm1 is a vacuolar PQ-loop protein involved in the transport of basic amino acids in <i>Schizosaccharomyces pombe</i> . <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021, 1863, 183507.	2.6	2
6	Glycan-Mediated Interactions Between Fungal and Higher Animal Cells. , 2021, , 110-118.		0
7	The fission yeast <i>Gmn2</i> gene encodes an ERD1 homologue of <i>Saccharomyces cerevisiae</i> required for protein glycosylation and retention of luminal endoplasmic reticulum proteins. <i>Journal of General and Applied Microbiology</i> , 2021, 67, 67-76.	0.7	1
8	Substrate specificities of β 1,2- and β 1,3-galactosyltransferases and characterization of Gmh1p and Otg1p in <i>Schizosaccharomyces pombe</i> . <i>Glycobiology</i> , 2021, 31, 1037-1045.	2.5	3
9	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 <i>Aspergillus oryzae</i> . <i>Frontiers in Fungal Biology</i> , 2021, 2, .	2.0	2
10	Overexpression of cell-wall GPI-anchored proteins restores cell growth of N-glycosylation-defective och1 mutants in <i>Schizosaccharomyces pombe</i> . <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 8771-8781.	3.6	1
11	Identification and characterization of a novel, versatile sialidase from a <i>Sphingobacterium</i> that can hydrolyze the glycosides of any sialic acid species at neutral pH. <i>Biochemical and Biophysical Research Communications</i> , 2020, 523, 487-492.	2.1	4
12	Single-Molecule FISH Reveals Subcellular Localization of β -Amylase and Actin mRNAs in the Filamentous Fungus <i>Aspergillus oryzae</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 578862.	3.5	6
13	Characterization and functional analysis of ERAD-related AAA+ ATPase Cdc48 in <i>Aspergillus oryzae</i> . <i>Fungal Biology</i> , 2020, 124, 801-813.	2.5	5
14	SpMnn9p and SpAnp1p form a protein complex involved in mannan synthesis in the fission yeast <i>Schizosaccharomyces pombe</i> . <i>Journal of Bioscience and Bioengineering</i> , 2020, 130, 335-340.	2.2	6
15	Golgi localization of glycosyltransferases requires Gpp74p in <i>Schizosaccharomyces pombe</i> . <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 8897-8909.	3.6	1
16	The endogenous galactofuranosidase GlfH1 hydrolyzes mycobacterial arabinogalactan. <i>Journal of Biological Chemistry</i> , 2020, 295, 5110-5123.	3.4	14
17	Characterization of N- and O-linked galactosylated oligosaccharides from fission yeast species. <i>Journal of Bioscience and Bioengineering</i> , 2020, 130, 128-136.	2.2	5
18	Biosynthesis of β -(1 \rightarrow 5)-Galactofuranosyl Chains of Fungal-Type and α -Mannose-Type Galactomannans within the Invasive Pathogen <i>Aspergillus fumigatus</i> . <i>MSphere</i> , 2020, 5, .	2.9	13

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19	Secretory production of N-glycan-deleted glycoprotein in <i>Aspergillus oryzae</i> . <i>Journal of Bioscience and Bioengineering</i> , 2020, 129, 573-580.	2.2	5
20	1,6- α -L-Fucosidases from <i>Bifidobacterium longum</i> subsp. <i>infantis</i> ATCC 15697 Involved in the Degradation of Core-fucosylated N-Glycan. <i>Journal of Applied Glycoscience</i> (1999), 2020, 67, 23-29.	0.7	11
21	Yeast Flocculin: Methods for Quantitative Analysis of Flocculation in Yeast Cells. <i>Methods in Molecular Biology</i> , 2020, 2132, 437-444.	0.9	0
22	Microbial α -L-Rhamnosidases of Glycosyl Hydrolase Families GH78 and GH106 Have Broad Substrate Specificities toward α -L-Rhamnosyl- and α -L-Mannosyl-Linkages. <i>Journal of Applied Glycoscience</i> (1999), 2020, 67, 87-93.	0.7	2
23	Structural basis for the specific cleavage of core-fucosylated N-glycans by endo- β -N-acetylglucosaminidase from the fungus <i>Cordyceps militaris</i> . <i>Journal of Biological Chemistry</i> , 2019, 294, 17143-17154.	3.4	13
24	Galactofuranosidase from JHA 19 <i>Streptomyces</i> sp.: subcloning and biochemical characterization. <i>Carbohydrate Research</i> , 2019, 480, 35-41.	2.3	4
25	Catechol O-methyltransferase homologs in <i>Schizosaccharomyces pombe</i> are response factors to alkaline and salt stress. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 4881-4887.	3.6	2
26	Chemo-enzymatic synthesis of p-nitrophenyl β -D-galactofuranosyl disaccharides from <i>Aspergillus</i> sp. fungal-type galactomannan. <i>Carbohydrate Research</i> , 2019, 473, 99-103.	2.3	6
27	Mutation in fission yeast phosphatidylinositol 4-kinase <i>Pik1</i> is synthetically lethal with defect in telomere protection protein <i>Pot1</i> . <i>Biochemical and Biophysical Research Communications</i> , 2018, 496, 1284-1290.	2.1	3
28	Characterization of novel endo- β -N-acetylglucosaminidases from <i>Sphingobacterium</i> species, <i>Beauveria bassiana</i> and <i>Cordyceps militaris</i> that specifically hydrolyze fucose-containing oligosaccharides and human IgG. <i>Scientific Reports</i> , 2018, 8, 246.	3.3	12
29	Analysis of ambient pH stress response mediated by iron and copper intake in <i>Schizosaccharomyces pombe</i> . <i>Journal of Bioscience and Bioengineering</i> , 2018, 125, 92-96.	2.2	4
30	Catalytic Activity Profile of Polyphosphate Kinase 1 from <i>Myxococcus xanthus</i> . <i>Current Microbiology</i> , 2018, 75, 379-385.	2.2	10
31	Draft Genome Sequence of <i>Bacillus</i> sp. HMA207, a Strain That Exhibits β -D-Galactosidase Activity To Release Pyruvylated Galactose. <i>Microbiology Resource Announcements</i> , 2018, 7, .	0.6	0
32	Substrate specificity of Nudix hydrolases from <i>Myxococcus xanthus</i> . <i>Journal of General and Applied Microbiology</i> , 2018, 64, 94-98.	0.7	1
33	Genomic Sequence of <i>Saccharomyces cerevisiae</i> BAW-6, a Yeast Strain Optimal for Brewing Barley Shochu. <i>Genome Announcements</i> , 2018, 6, .	0.8	3
34	Identification and characterization of a novel β -D-galactosidase that releases pyruvylated galactose. <i>Scientific Reports</i> , 2018, 8, 12013.	3.3	9
35	Draft Genome Sequence of <i>Sphingobacterium</i> sp. Strain HMA12, Which Encodes Endo- β -N-Acetylglucosaminidases and Can Specifically Hydrolyze Fucose-Containing Oligosaccharides. <i>Genome Announcements</i> , 2018, 6, .	0.8	1
36	Draft Genome Sequence of <i>Streptomyces</i> sp. JHA26, a Strain That Harbors a PA14 Domain Containing β -Galactofuranosidase. <i>Genome Announcements</i> , 2017, 5, .	0.8	2

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37	Production of 3-hydroxypropionic acid via the malonyl-CoA pathway using recombinant fission yeast strains. <i>Journal of Bioscience and Bioengineering</i> , 2017, 124, 392-399.	2.2	29
38	GfsA is a β 1,5-galactofuranosyltransferase involved in the biosynthesis of the galactofuran side chain of fungal-type galactomannan in <i>Aspergillus fumigatus</i> . <i>Glycobiology</i> , 2017, 27, 568-581.	2.5	32
39	Characterization of a PA14 domain-containing galactofuranose-specific β 2-galactofuranosidase from <i>Streptomyces</i> sp.. <i>Bioscience, Biotechnology and Biochemistry</i> , 2017, 81, 1314-1319.	1.3	10
40	Preparation and biological activities of anti-HER2 monoclonal antibodies with fully core-fucosylated homogeneous bi-antennary complex-type glycans. <i>Bioscience, Biotechnology and Biochemistry</i> , 2017, 81, 2353-2359.	1.3	13
41	Analysis of an acyl-CoA binding protein in <i>Aspergillus oryzae</i> that undergoes unconventional secretion. <i>Biochemical and Biophysical Research Communications</i> , 2017, 493, 481-486.	2.1	12
42	Early endosome motility mediates β -amylase production and cell differentiation in <i>Aspergillus oryzae</i> . <i>Scientific Reports</i> , 2017, 7, 15757.	3.3	11
43	Highly efficient transglycosylation of sialo-complex-type oligosaccharide using <i>Coprinopsis cinerea</i> endoglycosidase and sugar oxazoline. <i>Biotechnology Letters</i> , 2017, 39, 157-162.	2.2	21
44	Regulation of mating type switching by the mating type genes and RME1 in <i>Oogataea polymorpha</i> . <i>Scientific Reports</i> , 2017, 7, 16318.	3.3	8
45	Diversity and Biological Roles of Pyruvic Acid-Containing Oligosaccharides. <i>Kagaku To Seibutsu</i> , 2017, 55, 738-742.	0.0	0
46	Draft Genome Sequence of <i>Bacillus clausii</i> AKU0647, a Strain That Produces Endo- β -N-Acetylglucosaminidase A. <i>Genome Announcements</i> , 2016, 4, .	0.8	1
47	A rationally engineered yeast pyruvyltransferase Pvg1p introduces sialylation-like properties in neo-human-type complex oligosaccharide. <i>Scientific Reports</i> , 2016, 6, 26349.	3.3	16
48	The amino-terminal hydrophilic region of the vacuolar transporter Avt3p is dispensable for the vacuolar amino acid compartmentalization of <i>Schizosaccharomyces pombe</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2016, 80, 2291-2297.	1.3	3
49	Subcellular localization of acyl-CoA binding protein in <i>Aspergillus oryzae</i> is regulated by autophagy machinery. <i>Biochemical and Biophysical Research Communications</i> , 2016, 480, 8-12.	2.1	10
50	Draft Genome Sequence of <i>Streptomyces</i> sp. JHA19, a Strain That Possesses β 2-d-Galactofuranosidase Activity. <i>Genome Announcements</i> , 2015, 3, .	0.8	6
51	Functional Expression and Characterization of <i>Schizosaccharomyces pombe</i> Avt3p as a Vacuolar Amino Acid Exporter in <i>Saccharomyces cerevisiae</i> . <i>PLoS ONE</i> , 2015, 10, e0130542.	2.5	10
52	Vsl1p cooperates with Fsv1p for vacuolar protein transport and homotypic fusion in <i>Schizosaccharomyces pombe</i> . <i>Microbiology (United Kingdom)</i> , 2015, 161, 89-98.	1.8	1
53	Coordinated regulation by two VPS9 domain-containing guanine nucleotide exchange factors in small GTPase Rab5 signaling pathways in fission yeast. <i>Biochemical and Biophysical Research Communications</i> , 2015, 458, 802-809.	2.1	1
54	Transglycosylation Activity of Glycosynthase Mutants of Endo- β -N-Acetylglucosaminidase from <i>Coprinopsis cinerea</i> . <i>PLoS ONE</i> , 2015, 10, e0132859.	2.5	38

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55	Identification and Characterization of a Novel Galactofuranose-Specific Î²-D-Galactofuranosidase from <i>Streptomyces</i> Species. <i>PLoS ONE</i> , 2015, 10, e0137230.	2.5	18
56	Functional analysis of putative phosphoenolpyruvate transporters localized to the Golgi apparatus in <i>Schizosaccharomyces pombe</i> . <i>FEMS Yeast Research</i> , 2014, 14, n/a-n/a.	2.3	7
57	Insights into Metabolism and the Galactose Recognition System from Microarray Analysis in the Fission Yeast <i>Schizosaccharomyces pombe</i> . , 2014, , 109-118.		0
58	Ethanol-inducible gene expression using <i>gld1</i> + promoter in the fission yeast <i>Schizosaccharomyces pombe</i> . <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 6835-6843.	3.6	8
59	<i>ght2</i> + is required for UDP-galactose synthesis from extracellular galactose by <i>Schizosaccharomyces pombe</i> . <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 4957-4964.	3.6	5
60	The fission yeast Pvg1p has galactose-specific pyruvyltransferase activity. <i>FEBS Letters</i> , 2013, 587, 917-921.	2.8	22
61	Characterization of genome-reduced fission yeast strains. <i>Nucleic Acids Research</i> , 2013, 41, 5382-5399.	14.5	20
62	The zinc finger protein Gsf1 regulates Gsf2-dependent flocculation in fission yeast. <i>FEMS Yeast Research</i> , 2013, 13, 259-266.	2.3	9
63	<i>gfsA</i> encodes a novel galactofuranosyltransferase involved in biosynthesis of galactofuranose antigen of <i>O</i> -glycan in <i>Aspergillus nidulans</i> and <i>Aspergillus fumigatus</i> . <i>Molecular Microbiology</i> , 2013, 90, 1054-1073.	2.5	60
64	The Ubiquitin Ligase Ubr11 Is Essential for Oligopeptide Utilization in the Fission Yeast <i>Schizosaccharomyces pombe</i> . <i>Eukaryotic Cell</i> , 2012, 11, 302-310.	3.4	11
65	PhpA, a tyrosine phosphatase of <i>Myxococcus xanthus</i> , is involved in the production of exopolysaccharide. <i>Microbiology (United Kingdom)</i> , 2012, 158, 2546-2555.	1.8	16
66	CUE Domain-Containing Protein Vps901 Is Required for Vacuolar Protein Transport in <i>Schizosaccharomyces pombe</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2012, 76, 652-659.	1.3	3
67	Snf1-Like Protein Kinase Ssp2 Regulates Glucose Derepression in <i>Schizosaccharomyces pombe</i> . <i>Eukaryotic Cell</i> , 2012, 11, 159-167.	3.4	33
68	Identification of Novel Î±1,3-Galactosyltransferase and Elimination of Î±-Galactose-containing Glycans by Disruption of Multiple Î±-Galactosyltransferase Genes in <i>Schizosaccharomyces pombe</i> . <i>Journal of Biological Chemistry</i> , 2012, 287, 38866-38875.	3.4	17
69	Intracellular trafficking and ubiquitination of the <i>Schizosaccharomyces pombe</i> amino acid permease Aat1p. <i>Microbiology (United Kingdom)</i> , 2012, 158, 659-673.	1.8	23
70	MADS Box Transcription Factor Mbx2/Pvg4 Regulates Invasive Growth and Flocculation by Inducing <i>gsf2</i> Expression in Fission Yeast. <i>Eukaryotic Cell</i> , 2012, 11, 151-158.	3.4	16
71	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
72	Expression of budding yeast IPT1 produces mannosyl-diinositol phosphorylceramide in fission yeast and inhibits cell growth. <i>Microbiology (United Kingdom)</i> , 2012, 158, 1219-1228.	1.8	6

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73	Promotion of glycerol utilization using ethanol and 1-propanol in <i>Schizosaccharomyces pombe</i> . <i>Applied Microbiology and Biotechnology</i> , 2012, 95, 441-449.	3.6	6
74	N-glycans are not required for the efficient degradation of the mutant <i>Saccharomyces cerevisiae</i> CPY* in <i>Schizosaccharomyces pombe</i> . <i>Applied Microbiology and Biotechnology</i> , 2012, 93, 1609-1618.	3.6	0
75	Galactose-Specific Recognition System in the Fission Yeast & Schizosaccharomyces pombe. <i>Trends in Glycoscience and Glycotechnology</i> , 2012, 24, 24-42.	0.1	3
76	Atg22p, a Vacuolar Membrane Protein Involved in the Amino Acid Compartmentalization of <i>Schizosaccharomyces pombe</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2011, 75, 385-387.	1.3	6
77	Identification of a galactose-specific flocculin essential for nonsexual flocculation and filamentous growth in <i>Schizosaccharomyces pombe</i> . <i>Molecular Microbiology</i> , 2011, 82, 1531-1544.	2.5	33
78	New insights into galactose metabolism by <i>Schizosaccharomyces pombe</i> : Isolation and characterization of a galactose-assimilating mutant. <i>Journal of Bioscience and Bioengineering</i> , 2011, 111, 158-166.	2.2	23
79	<i>Schizosaccharomyces pombe</i> Pep12p is required for vacuolar protein transport and vacuolar homotypic fusion. <i>Journal of Bioscience and Bioengineering</i> , 2011, 112, 309-314.	2.2	8
80	Processing and maturation of carboxypeptidase Y and alkaline phosphatase in <i>Schizosaccharomyces pombe</i> . <i>Applied Microbiology and Biotechnology</i> , 2011, 90, 203-213.	3.6	18
81	Genome Sequence of the White Koji Mold <i>Aspergillus kawachii</i> IFO 4308, Used for Brewing the Japanese Distilled Spirit Shochu. <i>Eukaryotic Cell</i> , 2011, 10, 1586-1587.	3.4	78
82	Structural analysis of 1,3-linked galactose-containing oligosaccharides in <i>Schizosaccharomyces pombe</i> mutants harboring single and multiple galactosyltransferase genes disruptions. <i>Glycobiology</i> , 2011, 21, 340-351.	2.5	14
83	Enhanced protein secretion from multiprotease-deficient fission yeast by modification of its vacuolar protein sorting pathway. <i>Applied Microbiology and Biotechnology</i> , 2010, 85, 667-677.	3.6	59
84	N- and O-linked oligosaccharides completely lack galactose residues in the <i>gms1och1</i> mutant of <i>Schizosaccharomyces pombe</i> . <i>Applied Microbiology and Biotechnology</i> , 2010, 86, 263-272.	3.6	20
85	Overexpression of protein disulfide isomerases enhances secretion of recombinant human transferrin in <i>Schizosaccharomyces pombe</i> . <i>Applied Microbiology and Biotechnology</i> , 2010, 86, 1135-1143.	3.6	21
86	Engineering of protein secretion in yeast: strategies and impact on protein production. <i>Applied Microbiology and Biotechnology</i> , 2010, 86, 403-417.	3.6	281
87	The <i>gld1 +</i> gene encoding glycerol dehydrogenase is required for glycerol metabolism in <i>Schizosaccharomyces pombe</i> . <i>Applied Microbiology and Biotechnology</i> , 2010, 87, 715-727.	3.6	49
88	Autophagy in the fission yeast <i>Schizosaccharomyces pombe</i> . <i>FEBS Letters</i> , 2010, 584, 1327-1334.	2.8	43
89	Production of heterologous glycoproteins by a glycosylation-defective <i>alg3och1</i> mutant of <i>Schizosaccharomyces pombe</i> . <i>Journal of Biotechnology</i> , 2010, 150, 348-356.	3.8	14
90	Characterization of two different types of UDP-glucose/-galactose4-epimerase involved in galactosylation in fission yeast. <i>Microbiology (United Kingdom)</i> , 2010, 156, 708-718.	1.8	16

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91	Theoch1 Mutant of <i>Schizosaccharomyces pombe</i> Produces Galactosylated Core Structures of N-Linked Oligosaccharides. <i>Bioscience, Biotechnology and Biochemistry</i> , 2009, 73, 407-414.	1.3	26
92	Protein <i>O</i> -Mannosyltransferases B and C Support Hyphal Development and Differentiation in <i>Aspergillus nidulans</i> . <i>Eukaryotic Cell</i> , 2009, 8, 1465-1474.	3.4	43
93	Autophagy-deficient <i>Schizosaccharomyces pombe</i> mutants undergo partial sporulation during nitrogen starvation. <i>Microbiology (United Kingdom)</i> , 2009, 155, 3816-3826.	1.8	63
94	Dextran sodium sulfate enhances secretion of recombinant human transferrin in <i>Schizosaccharomyces pombe</i> . <i>Applied Microbiology and Biotechnology</i> , 2009, 85, 155-164.	3.6	20
95	Two Fission Yeast Rab7 Homologs, Ypt7 and Ypt71, Play Antagonistic Roles in the Regulation of Vacuolar Morphology. <i>Traffic</i> , 2009, 10, 912-924.	2.7	34
96	Identification and characterization of a gene required for $\pm 1,2$ -mannose extension in the <i>O</i> -linked glycan synthesis pathway in <i>Schizosaccharomyces pombe</i> . <i>FEMS Yeast Research</i> , 2009, 9, 115-125.	2.3	27
97	Production of heterologous proteins using the fission-yeast (<i>Schizosaccharomyces pombe</i>) expression system. <i>Biotechnology and Applied Biochemistry</i> , 2009, 53, 227-235.	3.1	58
98	The dynamin-related protein Vps1 regulates vacuole fission, fusion and tubulation in the fission yeast, <i>Schizosaccharomyces pombe</i> . <i>Fungal Genetics and Biology</i> , 2009, 46, 927-935.	2.1	19
99	Identification of the <i>fnx1</i> ⁺ and <i>fnx2</i> ⁺ genes for vacuolar amino acid transporters in <i>Schizosaccharomyces pombe</i> . <i>FEBS Letters</i> , 2008, 582, 2225-2230.	2.8	21
100	Multiple functions of ergosterol in the fission yeast <i>Schizosaccharomyces pombe</i> . <i>Microbiology (United Kingdom)</i> , 2008, 154, 830-841.	1.8	76
101	Valproic Acid Affects Membrane Trafficking and Cell-Wall Integrity in Fission Yeast. <i>Genetics</i> , 2007, 175, 1695-1705.	2.9	30
102	Method for measuring the three-dimensional distribution of a fluorescent dye in a cell membrane. <i>Applied Physics Letters</i> , 2007, 90, 021110.	3.3	1
103	Technique for measuring the rotational velocity of a single cell. <i>Applied Physics Letters</i> , 2007, 90, 051103.	3.3	2
104	A double filtering method for measuring the translational velocity of fluorescently stained cells. <i>Applied Physics Letters</i> , 2007, 91, 131116.	3.3	0
105	<i>Schizosaccharomyces pombe</i> minimum genome factory. <i>Biotechnology and Applied Biochemistry</i> , 2007, 46, 147.	3.1	65
106	Six new amino acid-auxotrophic markers for targeted gene integration and disruption in fission yeast. <i>Current Genetics</i> , 2007, 52, 97-105.	1.7	28
107	A Method for Measuring the Three-Dimensional Refractive-Index Distribution of Single Cells Using Proximal Two-Beam Optical Tweezers and a Phase-Shifting Mach-Zehnder Interferometer. <i>Optical Review</i> , 2007, 14, 161-164.	2.0	20
108	Essential roles of class E Vps proteins for sorting into multivesicular bodies in <i>Schizosaccharomyces pombe</i> . <i>Microbiology (United Kingdom)</i> , 2007, 153, 2753-2764.	1.8	32

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109	Translational velocity measurement for single floating cell based on optical Fourier transform theory. <i>Applied Physics Letters</i> , 2006, 88, 101114.	3.3	9
110	Three-dimensional phase-contrast imaging of single floating cells. <i>Applied Physics Letters</i> , 2006, 89, 241117.	3.3	2
111	A simple and effective chromosome modification method for large-scale deletion of genome sequences and identification of essential genes in fission yeast. <i>Nucleic Acids Research</i> , 2006, 34, e11-e11.	14.5	49
112	A survey of all 11 ABC transporters in fission yeast: two novel ABC transporters are required for red pigment accumulation in a <i>Schizosaccharomyces pombe</i> adenine biosynthetic mutant. <i>Microbiology (United Kingdom)</i> , 2006, 152, 2309-2321.	1.8	38
113	Attitudinal manipulation of an optically trapped bacillary probe by controlling the distance between focal points for local dosing in cells. <i>Applied Physics Letters</i> , 2006, 89, 131107.	3.3	3
114	Displacement measurement of the depth migration of transparent cells. <i>Applied Physics Letters</i> , 2006, 89, 241102.	3.3	2
115	Variable phase-contrast fluorescence spectrometry for fluorescently stained cells. <i>Applied Physics Letters</i> , 2006, 89, 121103.	3.3	62
116	A precise method for rotating single cells. <i>Applied Physics Letters</i> , 2006, 88, 131103.	3.3	16
117	Vacuolar protein sorting receptor in <i>Schizosaccharomyces pombe</i> . <i>Microbiology (United Kingdom)</i> , 2006, 152, 1523-1532.	1.8	39
118	Homocysteine accumulation causes a defect in purine biosynthesis: further characterization of <i>Schizosaccharomyces pombe</i> methionine auxotrophs. <i>Microbiology (United Kingdom)</i> , 2006, 152, 397-404.	1.8	23
119	Development of a genetic transformation system using new selectable markers for fission yeast <i>Schizosaccharomyces pombe</i> . <i>Yeast</i> , 2005, 22, 193-202.	1.7	16
120	Characterization of O-mannosyltransferase family in <i>Schizosaccharomyces pombe</i> . <i>Biochemical and Biophysical Research Communications</i> , 2005, 330, 813-820.	2.1	22
121	A Role for Fission Yeast Rab GTPase Ypt7p in Sporulation. <i>Cell Structure and Function</i> , 2005, 30, 43-49.	1.1	21
122	Sorting nexin homologues are targets of phosphatidylinositol 3-phosphate in sporulation of <i>Schizosaccharomyces pombe</i> . <i>Genes To Cells</i> , 2004, 9, 561-574.	1.2	20
123	A simple and efficient procedure for transformation of <i>Schizosaccharomyces pombe</i> . <i>Yeast</i> , 2004, 21, 613-617.	1.7	73
124	Characterization of <i>end4+</i> , a gene required for endocytosis in <i>Schizosaccharomyces pombe</i> . <i>Yeast</i> , 2004, 21, 867-881.	1.7	48
125	Characterization of Endo- β -N-acetylglucosaminidase from Alkaliphilic <i>Bacillus halodurans</i> C-125. <i>Bioscience, Biotechnology and Biochemistry</i> , 2004, 68, 1059-1066.	1.3	25
126	A Set of <i>loxP</i> Marker Cassettes for Cre-mediated Multiple Gene Disruption in <i>Schizosaccharomyces pombe</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2004, 68, 545-550.	1.3	49

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