

Kaoru Takegawa

List of Publications by Year in descending order

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153
papers

6,478
citations

147726
31
h-index

69214
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. | 1.1 | 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. | 1.8 | 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. | 1.1 | 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. | 1.1 | 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. | 1.4 | 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. | 0.4 | 1 |
| 8 | Substrate specificities of α 1,2- and α 1,3-galactosyltransferases and characterization of Gmh1p and Otg1p in <i>Schizosaccharomyces pombe</i> . <i>Glycobiology</i> , 2021, 31, 1037-1045. | 1.3 | 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, . | 0.9 | 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. | 1.7 | 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. | 1.0 | 4 |
| 12 | Single-Molecule FISH Reveals Subcellular Localization of α -Amylase and Actin mRNAs in the Filamentous Fungus <i>Aspergillus oryzae</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 578862. | 1.5 | 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. | 1.1 | 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. | 1.1 | 6 |
| 15 | Golgi localization of glycosyltransferases requires Gpp74p in <i>Schizosaccharomyces pombe</i> . <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 8897-8909. | 1.7 | 1 |
| 16 | The endogenous galactofuranosidase GlfH1 hydrolyzes mycobacterial arabinogalactan. <i>Journal of Biological Chemistry</i> , 2020, 295, 5110-5123. | 1.6 | 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. | 1.1 | 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, . | 1.3 | 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. | 1.1 | 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. | 0.3 | 11 |
| 21 | Yeast Flocculin: Methods for Quantitative Analysis of Flocculation in Yeast Cells. <i>Methods in Molecular Biology</i> , 2020, 2132, 437-444. | 0.4 | 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. | 0.3 | 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. | 1.6 | 13 |
| 24 | Galactofuranosidase from JHA 19 <i>Streptomyces</i> sp.: subcloning and biochemical characterization. <i>Carbohydrate Research</i> , 2019, 480, 35-41. | 1.1 | 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. | 1.7 | 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. | 1.1 | 6 |
| 27 | Mutation in fission yeast phosphatidylinositol 4-kinase Pik1 is synthetically lethal with defect in telomere protection protein Pot1. <i>Biochemical and Biophysical Research Communications</i> , 2018, 496, 1284-1290. | 1.0 | 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. | 1.6 | 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. | 1.1 | 4 |
| 30 | Catalytic Activity Profile of Polyphosphate Kinase 1 from <i>Myxococcus xanthus</i> . <i>Current Microbiology</i> , 2018, 75, 379-385. | 1.0 | 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, . | 0.3 | 0 |
| 32 | Substrate specificity of Nudix hydrolases from <i>Myxococcus xanthus</i> . <i>Journal of General and Applied Microbiology</i> , 2018, 64, 94-98. | 0.4 | 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. | 1.6 | 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. | 1.1 | 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. | 1.3 | 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. | 0.6 | 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. | 0.6 | 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. | 1.0 | 12 |
| 42 | Early endosome motility mediates β -amylase production and cell differentiation in <i>Aspergillus oryzae</i> . <i>Scientific Reports</i> , 2017, 7, 15757. | 1.6 | 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. | 1.1 | 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. | 1.6 | 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. | 1.6 | 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. | 0.6 | 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. | 1.0 | 10 |
| 50 | Draft Genome Sequence of <i>Streptomyces</i> sp. JHA19, a Strain That Possesses β -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. | 1.1 | 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. | 0.7 | 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. | 1.0 | 1 |
| 54 | Transglycosylation Activity of Glycosynthase Mutants of Endo- β -N-Acetylglucosaminidase from <i>Coprinopsis cinerea</i> . <i>PLoS ONE</i> , 2015, 10, e0132859. | 1.1 | 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. | 1.1 | 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. | 1.1 | 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. | 1.7 | 8 |
| 59 | <i>glt2</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. | 1.7 | 5 |
| 60 | The fission yeast Pvg1p has galactose-specific pyruvyltransferase activity. <i>FEBS Letters</i> , 2013, 587, 917-921. | 1.3 | 22 |
| 61 | Characterization of genome-reduced fission yeast strains. <i>Nucleic Acids Research</i> , 2013, 41, 5382-5399. | 6.5 | 20 |
| 62 | The zinc finger protein Gsf1 regulates Gsf2-dependent flocculation in fission yeast. <i>FEMS Yeast Research</i> , 2013, 13, 259-266. | 1.1 | 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. | 1.2 | 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. | 0.7 | 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. | 0.6 | 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. | 1.6 | 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. | 0.7 | 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. | 4.3 | 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. | 0.7 | 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. | 1.7 | 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. | 1.7 | 0 |
| 75 | Galactose-Specific Recognition System in the Fission Yeast & Schizosaccharomyces pombe. <i>Trends in Glycoscience and Glycotechnology</i> , 2012, 24, 24-42. | 0.0 | 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. | 0.6 | 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. | 1.2 | 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. | 1.1 | 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. | 1.1 | 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. | 1.7 | 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. | 1.3 | 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. | 1.7 | 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. | 1.7 | 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. | 1.7 | 21 |
| 86 | Engineering of protein secretion in yeast: strategies and impact on protein production. <i>Applied Microbiology and Biotechnology</i> , 2010, 86, 403-417. | 1.7 | 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. | 1.7 | 49 |
| 88 | Autophagy in the fission yeast <i>Schizosaccharomyces pombe</i> . <i>FEBS Letters</i> , 2010, 584, 1327-1334. | 1.3 | 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. | 1.9 | 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. | 0.7 | 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. | 0.6 | 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. | 0.7 | 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. | 1.7 | 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. | 1.3 | 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. | 1.1 | 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. | 1.4 | 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. | 0.9 | 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. | 1.3 | 21 |
| 100 | Multiple functions of ergosterol in the fission yeast <i>Schizosaccharomyces pombe</i> . <i>Microbiology (United Kingdom)</i> , 2008, 154, 830-841. | 0.7 | 76 |
| 101 | Valproic Acid Affects Membrane Trafficking and Cell-Wall Integrity in Fission Yeast. <i>Genetics</i> , 2007, 175, 1695-1705. | 1.2 | 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. | 1.5 | 1 |
| 103 | Technique for measuring the rotational velocity of a single cell. <i>Applied Physics Letters</i> , 2007, 90, 051103. | 1.5 | 2 |
| 104 | A double filtering method for measuring the translational velocity of fluorescently stained cells. <i>Applied Physics Letters</i> , 2007, 91, 131116. | 1.5 | 0 |
| 105 | <i>Schizosaccharomyces pombe</i> minimum genome factory. <i>Biotechnology and Applied Biochemistry</i> , 2007, 46, 147. | 1.4 | 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. | 0.8 | 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. | 1.2 | 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. | 0.7 | 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. | 1.5 | 9 |
| 110 | Three-dimensional phase-contrast imaging of single floating cells. <i>Applied Physics Letters</i> , 2006, 89, 241117. | 1.5 | 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. | 6.5 | 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. | 0.7 | 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. | 1.5 | 3 |
| 114 | Displacement measurement of the depth migration of transparent cells. <i>Applied Physics Letters</i> , 2006, 89, 241102. | 1.5 | 2 |
| 115 | Variable phase-contrast fluorescence spectrometry for fluorescently stained cells. <i>Applied Physics Letters</i> , 2006, 89, 121103. | 1.5 | 62 |
| 116 | A precise method for rotating single cells. <i>Applied Physics Letters</i> , 2006, 88, 131103. | 1.5 | 16 |
| 117 | Vacuolar protein sorting receptor in <i>Schizosaccharomyces pombe</i> . <i>Microbiology (United Kingdom)</i> , 2006, 152, 1523-1532. | 0.7 | 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. | 0.7 | 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. | 0.8 | 16 |
| 120 | Characterization of O-mannosyltransferase family in <i>Schizosaccharomyces pombe</i> . <i>Biochemical and Biophysical Research Communications</i> , 2005, 330, 813-820. | 1.0 | 22 |
| 121 | A Role for Fission Yeast Rab GTPase Ypt7p in Sporulation. <i>Cell Structure and Function</i> , 2005, 30, 43-49. | 0.5 | 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. | 0.5 | 20 |
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