Kenji Yamamoto

List of Publications by Year
in descending order

173 papers	7,129 citations	44069 48 h-index	69250 77 g-index
175 all docs	175 docs citations	175 times ranked	4648 citing authors

#	Article	IF	Citations
1	Chemical Synthesis and Evaluation of Exopolysaccharide Fragments Produced by Leuconostoc mesenteroides Strain NTM048. Chemical and Pharmaceutical Bulletin, 2022, 70, 155-161.	1.3	2
2	Chemo-Enzymatic Syntheses of Oligosaccharides and Glycoconjugates. , 2021, , 525-547.		0
3	Innovative Preparation of Biopharmaceuticals Using Transglycosylation Activity of Microbial Endoglycosidases. Journal of Applied Glycoscience (1999), 2021, 68, 1-9.	0.7	3
4	Enzymatically synthesized exopolysaccharide of a probiotic strain Leuconostoc mesenteroides NTM048 shows adjuvant activity to promote IgA antibody responses. Gut Microbes, 2021, 13, 1949097.	9.8	14
5	Administration of Enterococcus faecium HS-08 increases intestinal acetate and induces immunoglobulin A secretion in mice. Canadian Journal of Microbiology, 2020, 66, 576-585.	1.7	7
6	Draft Genome Sequence of Sporolactobacillus inulinus NBRC 111894, Isolated from KÃ´so, a Japanese Sugar-Vegetable Fermented Beverage. Microbiology Resource Announcements, 2019, 8, .	0.6	2
7	Glycoengineering. , 2019, , 145-166.		0
8	Lactobacillus kosoi sp. nov., a fructophilic species isolated from kÃ´so, a Japanese sugar-vegetable fermented beverage. Antonie Van Leeuwenhoek, 2018, 111, 1149-1156.	1.7	24
9	Glycosylation engineering of therapeutic IgG antibodies: challenges for the safety, functionality and efficacy. Protein and Cell, 2018, 9, 47-62.	11.0	179
10	Specificity of Donor Structures for endoâ€Î²â€Nâ€Acetylglucosaminidaseâ€Catalyzed Transglycosylation Reactions. ChemBioChem, 2018, 19, 136-141.	2.6	12
11	Chemo-enzymatic synthesis of the glucagon containing N-linked oligosaccharide and its characterization. Carbohydrate Research, 2018, 455, 92-96.	2.3	8
12	Draft Genome Sequence of Lactobacillus kosoi NBRC 113063, Isolated from KÃ´so, a Japanese Sugar-Vegetable Fermented Beverage. Microbiology Resource Announcements, 2018, 7, .	0.6	2
13	Sharing of human milk oligosaccharides degradants within bifidobacterial communities in faecal cultures supplemented with Bifidobacterium bifidum. Scientific Reports, 2018, 8, 13958.	3.3	121
14	Microbial production of novel sulphated alkaloids for drug discovery. Scientific Reports, 2018, 8, 7980.	3.3	44
15	Bifunctional properties and characterization of a novel sialidase with esterase activity from Bifidobacterium bifidum. Bioscience, Biotechnology and Biochemistry, 2018, 82, 2030-2039.	1.3	15
16	Immunostimulatory effect on dendritic cells of the adjuvant-active exopolysaccharide from Leuconostoc mesenteroides strain NTM048. Bioscience, Biotechnology and Biochemistry, 2018, 82, 1647-1651.	1.3	11
17	Structural characterization of the immunostimulatory exopolysaccharide produced by Leuconostoc mesenteroides strain NTM048. Carbohydrate Research, 2017, 448, 95-102.	2.3	37
18	Chemo-enzymatic synthesis of a glycosylated peptide containing a complex N-glycan based on unprotected oligosaccharides by using DMT-MM and Endo-M. Glycoconjugate Journal, 2017, 34, 481-487.	2.7	5

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19	Identification and characterization of a sulfoglycosidase from Bifidobacterium bifidum implicated in mucin glycan utilization. Bioscience, Biotechnology and Biochemistry, 2017, 81, 2018-2027.	1.3	30
20	Application study of 1,2-Î±-<scp>l</scp>-fucosynthase: introduction of FucÎ±1-2Gal disaccharide structures on N-glycan, ganglioside, and xyloglucan oligosaccharide. Bioscience, Biotechnology and Biochemistry, 2017, 81, 283-291.	1.3	13
21	Laboratory-scale production of (S)-reticuline, an important intermediate of benzylisoquinoline alkaloids, using a bacterial-based method. Bioscience, Biotechnology and Biochemistry, 2017, 81, 396-402.	1.3	18
22	Comparison of activity to stimulate mucosal IgA production between <i>Leuconostoc mesenteroides</i> strain NTM048 and type strain JCM6124 in mice. Bioscience of Microbiota, Food and Health, 2016, 35, 51-55.	1.8	5
23	Transglycosidaseâ€like activity of Mucor hiemalis endoglycosidase mutants enabling the synthesis of glycoconjugates using a natural glycan donor. Biotechnology and Applied Biochemistry, 2016, 63, 812-819.	3.1	7
24	Levansucrase from Leuconostoc mesenteroides NTM048 produces a levan exopolysaccharide with immunomodulating activity. Biotechnology Letters, 2016, 38, 681-687.	2.2	16
25	Generation of a Mutant Mucor hiemalis Endoglycosidase That Acts on Core-fucosylated N-Glycans. Journal of Biological Chemistry, 2016, 291, 23305-23317.	3.4	21
26	Introduction of H-antigens into oligosaccharides and sugar chains of glycoproteins using highly efficient 1,2-Î±-l-fucosynthase. Glycobiology, 2016, 26, 1235-1247.	2.5	31
27	Complete NMR assignment of a bisecting hybrid-type oligosaccharide transferred by Mucor hiemalis endo-Î²-N-acetylglucosaminidase. Carbohydrate Research, 2016, 427, 60-65.	2.3	2
28	Total biosynthesis of opiates by stepwise fermentation using engineered Escherichia coli. Nature Communications, 2016, 7, 10390.	12.8	160
29	α-Amylase from Mon Thong durian (Durio zibethinus Murr. cv. Mon Thong)-nucleotide sequence analysis, cloning and expression. Plant Biotechnology, 2015, 32, 1-10.	1.0	9
30	Exopolysaccharides Produced by Leuconostoc mesenteroides Strain NTM048 as an Immunostimulant To Enhance the Mucosal Barrier and Influence the Systemic Immune Response. Journal of Agricultural and Food Chemistry, 2015, 63, 7009-7015.	5.2	66
31	Novel substrate specificities of two lacto-N-biosidases towards Î²-linked galacto-N-biose-containing oligosaccharides of globo H, Gb5,Âand GA1. Carbohydrate Research, 2015, 408, 18-24.	2.3	15
32	Gaining insight into the catalysis by GH20 lacto-N-biosidase using small molecule inhibitors and structural analysis. Chemical Communications, 2015, 51, 15008-15011.	4.1	11
33	Î±-N-Acetylglucosaminidase from Bifidobacterium bifidum specifically hydrolyzes Î±-linked N-acetylglucosamine at nonreducing terminus of O-glycan on gastric mucin. Applied Microbiology and Biotechnology, 2015, 99, 3941-3948.	3.6	25
34	Endo-enzymes. , 2015, , 391-399.		2
35	Structural analysis of cerebrosides from Aspergillus fungi: the existence of galactosylceramide in A. oryzae. Biotechnology Letters, 2014, 36, 2507-2513.	2.2	14
36	(R,S)-Tetrahydropapaveroline production by stepwise fermentation using engineered Escherichia coli. Scientific Reports, 2014, 4, 6695.	3.3	57

#	Article	IF	Citations
37	[Review: Symposium on Applied Glycoscience] Structure and Reaction Mechanism of GH20 Lacto-N-biosidase from Bifidobacterium bifidum. Bulletin of Applied Glycoscience, 2014, 4, 140-146.	0.0	0
38	Lacto-N-biosidase Encoded by a Novel Gene of Bifidobacterium longum Subspecies longum Shows Unique Substrate Specificity and Requires a Designated Chaperone for Its Active Expression. Journal of Biological Chemistry, 2013, 288, 25194-25206.	3.4	83
39	Bifidobacterial Î±-galactosidase with unique carbohydrate-binding module specifically acts on blood group B antigen. Glycobiology, 2013, 23, 232-240.	2.5	28
40	Recent advances in glycotechnology for glycoconjugate synthesis using microbial endoglycosidases. Biotechnology Letters, 2013, 35, 1733-1743.	2.2	22
41	Identification and characterization of endo-Â-N-acetylglucosaminidase from methylotrophic yeast Ogataea minuta. Glycobiology, 2013, 23, 736-744.	2.5	37
42	Deficiency of Î±-glucosidase I alters glycoprotein glycosylation and lifespan in Caenorhabditis elegans. Glycobiology, 2013, 23, 1142-1151.	2.5	9
43	Crystal Structures of a Glycoside Hydrolase Family 20 Lacto-N-biosidase from Bifidobacterium bifidum. Journal of Biological Chemistry, 2013, 288, 11795-11806.	3.4	53
44	[Review: Symposium on Applied Glycoscience] A Novel Glycosynthase-like Mutant of Endoglycosidase from Mucor hiemalis Enables Efficient Syntheses of Glycoconjugates. Bulletin of Applied Glycoscience, 2013, 3, 143-150.	0.0	0
45	Î±-N-Acetylgalactosaminidase from Infant-associated Bifidobacteria Belonging to Novel Glycoside Hydrolase Family 129 Is Implicated in Alternative Mucin Degradation Pathway. Journal of Biological Chemistry, 2012, 287, 693-700.	3.4	79
46	Bifidobacterium longum subsp. infantis uses two different Î²-galactosidases for selectively degrading type-1 and type-2 human milk oligosaccharides. Glycobiology, 2012, 22, 361-368.	2.5	120
47	Biological Analysis of the Microbial Metabolism of Hetero-Oligosaccharides in Application to Glycotechnology. Bioscience, Biotechnology and Biochemistry, 2012, 76, 1815-1827.	1.3	11
48	1,3-1,4-Î±-l-Fucosynthase That Specifically Introduces Lewis a/x Antigens into Type-1/2 Chains. Journal of Biological Chemistry, 2012, 287, 16709-16719.	3.4	74
49	Differences in the Substrate Specificities and Active-Site Structures of Two Î±-<scp>L</scp>-Fucosidases (Glycoside Hydrolase Family 29) fromBacteroides thetaiotaomicron. Bioscience, Biotechnology and Biochemistry, 2012, 76, 1022-1024.	1.3	75
50	Physiology of Consumption of Human Milk Oligosaccharides by Infant Gut-associated Bifidobacteria. Journal of Biological Chemistry, 2011, 286, 34583-34592.	3.4	366
51	An exo-Î±-sialidase from bifidobacteria involved in the degradation of sialyloligosaccharides in human milk and intestinal glycoconjugates. Glycobiology, 2011, 21, 437-447.	2.5	121
52	Syntheses of mucin-type O-glycopeptides and oligosaccharides using transglycosylation and reverse-hydrolysis activities of Bifidobacterium endo-Î±-N-acetylgalactosaminidase. Glycoconjugate Journal, 2010, 27, 125-132.	2.7	11
53	Arthrobacter Endoâ€Î²â€Nâ€Acetylglucosaminidase Shows Transglycosylation Activity on Complexâ€Type Nâ€Glycan Oxazolines: Oneâ€Pot Conversion of Ribonuclease B to Sialylated Ribonuclease C. ChemBioChem, 2010, 11, 1350-1355.	2.6	64
54	One-step synthesis of efficient binding-inhibitor for influenza virus through multiple addition of sialyloligosaccharides on chitosan. Carbohydrate Polymers, 2010, 81, 330-334.	10.2	18

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55	Overexpression, crystallization and preliminary X-ray analysis of xylulose-5-phosphate/fructose-6-phosphate phosphoketolase fromBifidobacterium breve. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 941-943.	0.7	11
56	Novel neogala-series glycosphingolipids with terminal mannose and glucose residues from Hirsutella rhossiliensis, an aureobasidin A-resistant ascomycete fungus. Glycobiology, 2010, 20, 433-441.	2.5	5
57	Efficient Glycosynthase Mutant Derived from Mucor hiemalis Endo-Î²-N-acetylglucosaminidase Capable of Transferring Oligosaccharide from Both Sugar Oxazoline and Natural N-Glycan. Journal of Biological Chemistry, 2010, 285, 511-521.	3.4	140
58	Crystal Structures of Phosphoketolase. Journal of Biological Chemistry, 2010, 285, 34279-34287.	3.4	52
59	Cooperation of Î²-galactosidase and Î²-N-acetylhexosaminidase from bifidobacteria in assimilation of human milk oligosaccharides with type 2 structure. Glycobiology, 2010, 20, 1402-1409.	2.5	111
60	Efficient transfer of sialo-oligosaccharide onto proteins by combined use of a glycosynthase-like mutant of Mucor hiemalis endoglycosidase and synthetic sialo-complex-type sugar oxazoline. Biochimica Et Biophysica Acta - General Subjects, 2010, 1800, 1203-1209.	2.4	87
61	Glucosamine induces autophagy via an mTOR-independent pathway. Biochemical and Biophysical Research Communications, 2010, 391, 1775-1779.	2.1	60
62	Analyses of Bifidobacterial Glycosidases Involved in the Metabolism of Oligosaccharides. Bioscience and Microflora, 2010, 29, 23-30.	0.5	8
63	Phosphocholine-Containing Glycosyl Inositol-Phosphoceramides fromTrichoderma virideInduce Defense Responses in Cultured Rice Cells. Bioscience, Biotechnology and Biochemistry, 2009, 73, 74-78.	1.3	11
64	Two distinct Â-L-fucosidases from Bifidobacterium bifidum are essential for the utilization of fucosylated milk oligosaccharides and glycoconjugates. Glycobiology, 2009, 19, 1010-1017.	2.5	208
65	Crystallographic and Mutational Analyses of Substrate Recognition of Endo-Î±-N-acetylgalactosaminidase from Bifidobacterium longum. Journal of Biochemistry, 2009, 146, 389-398.	1.7	48
66	Glycosynthases Enable a Highly Efficient Chemoenzymatic Synthesis of N-Glycoproteins Carrying Intact Natural N-Glycans. Journal of the American Chemical Society, 2009, 131, 2214-2223.	13.7	174
67	Prebiotic Effect of Lacto-N-biose I on Bifidobacterial Growth. Bioscience, Biotechnology and Biochemistry, 2009, 73, 1175-1179.	1.3	56
68	Generation and Metabolism of Cytosolic Free Oligosaccharides in Caenorhabditis elegans. Trends in Glycoscience and Glycotechnology, 2009, 21, 163-177.	0.1	5
69	Conversion of inverting glycoside hydrolases into catalysts for synthesizing glycosides employing a glycosynthase strategy. Trends in Glycoscience and Glycotechnology, 2009, 21, 23-39.	0.1	13
70	Synthesis of neutral glycosphingolipids from Zygomycetes. Carbohydrate Research, 2008, 343, 2315-2324.	2.3	3
71	Synthesis and inhibitory activity of oligosaccharide thiazolines as a class of mechanism-based inhibitors for endo-Î²-N-acetylglucosaminidases. Bioorganic and Medicinal Chemistry, 2008, 16, 4670-4675.	3.0	19
72	Cloning and characterization of a novel ÃŽÂ±-galactosidase fromBifidobacterium breve203 capable of synthesizing Gal-ÃŽÂ±-1,4 linkage. FEMS Microbiology Letters, 2008, 285, 278-283.	1.8	46

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73	1,2â€Î±â€<scp>l</scp>â€Fucosynthase: A glycosynthase derived from an inverting Î±â€glycosidase with an unusual reaction mechanism. FEBS Letters, 2008, 582, 3739-3743.	2.8	95
74	Design of a Sialylglycopolymer with a Chitosan Backbone Having Efficient Inhibitory Activity against Influenza Virus Infection. Journal of Medicinal Chemistry, 2008, 51, 4496-4503.	6.4	54
75	Convenient preparation and characterization of a monoclonal antibody for the N-linked sugar chain of a glycoprotein using a microbial endoglycosidase. Archives of Biochemistry and Biophysics, 2008, 477, 299-304.	3.0	14
76	Bifidobacterium bifidumLacto-N-Biosidase, a Critical Enzyme for the Degradation of Human Milk Oligosaccharides with a Type 1 Structure. Applied and Environmental Microbiology, 2008, 74, 3996-4004.	3.1	201
77	Mutants of Mucor hiemalis Endo-Î²-N-acetylglucosaminidase Show Enhanced Transglycosylation and Glycosynthase-like Activities. Journal of Biological Chemistry, 2008, 283, 4469-4479.	3.4	213
78	Structural and Thermodynamic Analyses of Solute-binding Protein from Bifidobacterium longum Specific for Core 1 Disaccharide and Lacto-N-biose I. Journal of Biological Chemistry, 2008, 283, 13165-13173.	3.4	111
79	Characterization of two different endo-Â-N-acetylgalactosaminidases from probiotic and pathogenic enterobacteria, Bifidobacterium longum and Clostridium perfringens. Glycobiology, 2008, 18, 727-734.	2.5	59
80	Functions of Novel Glycosidases Isolated from Bifidobacteria. Journal of Applied Glycoscience (1999), 2008, 55, 101-109.	0.7	11
81	ãƒ“ãƒ•ã‚£ã‚¹ã‚¹ãƒ¼èŒã®åšæ§˜ã‚ç³–è³ªåˆ†è§£é…µç´ ã¨è…¸ç®¡æŽ¥ç€. Japanese Journal of Lactic Acid Bacteria, 2008, 19, 2-8.	0.3	1
82	Structural Basis of the Catalytic Reaction Mechanism of Novel 1,2-Î±-L-Fucosidase from Bifidobacterium bifidum. Journal of Biological Chemistry, 2007, 282, 18497-18509.	3.4	110
83	Identification of the Catalytic Acid Base Residue of Arthrobacter Endo-Â-N-Acetylglucosaminidase by Chemical Rescue of an Inactive Mutant. Journal of Biochemistry, 2007, 142, 301-306.	1.7	14
84	Unique Peptide:N-glycanase of Caenorhabditis elegans has Activity of Protein Disulphide Reductase as well as of Deglycosylation. Journal of Biochemistry, 2007, 142, 175-181.	1.7	26
85	Free Oligosaccharides in the Cytosol of Caenorhabditis elegans Are Generated through Endoplasmic Reticulum-Golgi Trafficking. Journal of Biological Chemistry, 2007, 282, 22080-22088.	3.4	35
86	Purification, crystallization and preliminary X-ray analysis of the galacto-N-biose-/lacto-N-biose I-binding protein (GL-BP) of the ABC transporter fromBifidobacterium longumJCM1217. Acta Crystallographica Section F: Structural Biology Communications, 2007, 63, 751-753.	0.7	36
87	A remodeling system for the oligosaccharide chains on glycoproteins with microbial endo-Î²-N-acetylglucosaminidases. Biochimica Et Biophysica Acta - General Subjects, 2006, 1760, 1631-1635.	2.4	28
88	Chemo-enzymatic synthesis of eel calcitonin glycosylated at two sites with the same and different carbohydrate structures. Carbohydrate Research, 2006, 341, 181-190.	2.3	21
89	Chemoenzymatic synthesis and application of a sialoglycopolymer with a chitosan backbone as a potent inhibitor of human influenza virus hemagglutination. Carbohydrate Research, 2006, 341, 1803-1808.	2.3	50
90	Synthesis of mono-glucose-branched cyclodextrins with a high inclusion ability for doxorubicin and their efficient glycosylation using Mucor hiemalis endo-Î²-N-acetylglucosaminidase. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 1009-1013.	2.2	38

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91	Identification and Molecular Cloning of a Novel Glycoside Hydrolase Family of Core 1 Type O-Glycan-specific Endo-Î±-N-acetylgalactosaminidase from Bifidobacterium longum. Journal of Biological Chemistry, 2005, 280, 37415-37422.	3.4	152
92	Novel bifidobacterial glycosidases acting on sugar chains of mucin glycoproteins. Journal of Bioscience and Bioengineering, 2005, 99, 457-465.	2.2	73
93	Newly Discovered Neutral Glycosphingolipids in Aureobasidin A-resistant Zygomycetes. Journal of Biological Chemistry, 2004, 279, 32028-32034.	3.4	26
94	Chemo-enzymatic synthesis and structure-activity study of artificially N-glycosylated eel calcitonin derivatives with a complex type oligosaccharide. Glycoconjugate Journal, 2004, 21, 377-386.	2.7	12
95	High efficiency of transferring a native sugar chain from a glycopeptide by a microbial endoglycosidase in organic solvents. Carbohydrate Research, 2004, 339, 719-722.	2.3	38
96	Transglycosylation reaction of Mucor hiemalis endo-Î²-N-acetylglucosaminidase using sugar derivatives modified at C-1 or C-2 as oligosaccharide acceptors. Carbohydrate Research, 2004, 339, 1403-1406.	2.3	17
97	Mucor hiemalis endo-Î²-N-acetylglucosaminidase can transglycosylate a bisecting hybrid-type oligosaccharide from an ovalbumin glycopeptide. Carbohydrate Research, 2004, 339, 2633-2635.	2.3	14
98	Enzymatic preparation of biotinylated naturally-occurring sialylglycan and its molecular recognition on a quartz-crystal microbalance. Chemical Communications, 2004, , 2692.	4.1	11
99	Characterization of Endo-Î²-N-acetylglucosaminidase from AlkaliphilicBacillus haloduransC-125. Bioscience, Biotechnology and Biochemistry, 2004, 68, 1059-1066.	1.3	25
100	Structural and Functional Characterization of Ovotransferrin Produced byPichia pastoris. Bioscience, Biotechnology and Biochemistry, 2004, 68, 376-383.	1.3	11
101	Molecular Cloning and Characterization of Bifidobacterium bifidum 1,2-Î±-l-Fucosidase (AfcA), a Novel Inverting Glycosidase (Glycoside Hydrolase Family 95). Journal of Bacteriology, 2004, 186, 4885-4893.	2.2	231
102	Molecular cloning of Mucor hiemalis endo-Î²-N-acetylglucosaminidase and some properties of the recombinant enzyme. Archives of Biochemistry and Biophysics, 2004, 432, 41-49.	3.0	54
103	Enhancement of bioactivity of Saccharomyces cerevisiae Î±-mating factor by attachment of sugar moiety to glutamine residue. Journal of Biotechnology, 2004, 114, 299-306.	3.8	2
104	Structural elucidation of novel phosphocholine-containing glycosylinositol-phosphoceramides in filamentous fungi and their induction of cell death of cultured rice cells. Biochemical Journal, 2004, 378, 461-472.	3.7	30
105	Ruthenium complexes carrying a disialo complex-type oligosaccharide: enzymatic synthesis and its application to a luminescent probe to detect influenza viruses. Chemical Communications, 2003, , 1250-1251.	4.1	18
106	Chemoenzymatic synthesis and application of glycopolymers containing multivalent sialyloligosaccharides with a poly(L-glutamic acid) backbone for inhibition of infection by influenza viruses. Glycobiology, 2003, 13, 315-326.	2.5	112
107	Chemoenzymatic Synthesis of Neoglycopeptides Using Endo Î²-N-acetylglucosaminidase from Mucor hiemalis. Methods in Enzymology, 2003, 362, 74-85.	1.0	12
108	ç³¸çŠ¶èŒãʬç³–éŽ–å·¥å¦ãƒ»ç³–éŽ–ç”Ÿç‰©å¦. Nippon Nogeikagaku Kaishi, 2003, 77, 998-1000.	0.0	0

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109	Identification of an endo-Â-N-acetylglucosaminidase gene in Caenorhabditis elegans and its expression in Escherichia coli. Glycobiology, 2002, 12, 581-587.	2.5	66
110	Chemo-enzymatic synthesis of the glycosylated Î±-mating factor of Saccharomyces cerevisiae and analysis of its biological activity. Archives of Biochemistry and Biophysics, 2002, 406, 127-134.	3.0	20
111	Chemo-enzymatic synthesis of a bioactive peptide containing a glutamine-linked oligosaccharide and its characterization. Biochimica Et Biophysica Acta - General Subjects, 2001, 1526, 242-248.	2.4	42
112	A novel disaccharide substrate having 1,2-oxazoline moiety for detection of transglycosylating activity of endoglycosidases. Biochimica Et Biophysica Acta - General Subjects, 2001, 1528, 9-14.	2.4	112
113	Probing the Effect of the Outer Saccharide Residues ofN-Linked Glycans on Peptide Conformation. Journal of the American Chemical Society, 2001, 123, 6187-6188.	13.7	62
114	Enzymatic syntheses of T antigen-containing glycolipid mimicry using the transglycosylation activity of endo-Î±-N-acetylgalactosaminidase. Carbohydrate Research, 2001, 330, 487-493.	2.3	19
115	Cloning of a gene encoding a highly stable endo-Î²-1,4-glucanase from Aspergillus niger and its expression in yeast. Journal of Bioscience and Bioengineering, 2001, 92, 434-441.	2.2	54
116	Chemo-Enzymatic synthesis of bioactive glycopeptide using microbial endoglycosidase. Journal of Bioscience and Bioengineering, 2001, 92, 493-501.	2.2	50
117	Cloning of a Gene Encoding a Highly Stable Endo-.BETA.-1,4-Glucanase from Aspergillus niger and Its Expression in Yeast.. Journal of Bioscience and Bioengineering, 2001, 92, 434-441.	2.2	33
118	Plate assay for endo-Î²-N-acetylglucosaminidase activity using a chromogenic substrate synthesized by transglycosylation with Arthrobacter Endo-Î²-N-acetylglucosaminidase. Journal of Bioscience and Bioengineering, 2000, 90, 462-464.	2.2	5
119	Trypsin Inhibitory Activity of Bovine Fetuin De-O-glycosylated by Endo-Î±-N-acetylgalactosaminidase. Bioscience, Biotechnology and Biochemistry, 2000, 64, 2266-2268.	1.3	7
120	Characterization of Endo-Î±-N-acetylgalactosaminidase from Bacillus sp. and Syntheses of Neo-oligosaccharides Using Its Transglycosylation Activity. Archives of Biochemistry and Biophysics, 2000, 373, 394-400.	3.0	38
121	Molecular Cloning of cDNA Encoding Î±-N-Acetylgalactosaminidase from Acremonium sp. and Its Expression in Yeast. Archives of Biochemistry and Biophysics, 2000, 384, 305-310.	3.0	18
122	Plate Assay for Endo-.BETA.-N-Acetylglucosaminidase Activity Using a Chromogenic Substrate Synthesized by Transglycosylation with Arthrobacter Endo-.BETA.-N-Acetylglucosaminidase.. Journal of Bioscience and Bioengineering, 2000, 90, 462-464.	2.2	1
123	Requirement for a different hydrophobic moiety and reliable chromogenic substrate for Endo-type glycosylceramidases. Glycobiology, 1999, 9, 957-960.	2.5	7
124	Transglycosylation activity of the endo-Î²-1,4-glucanase from Aspergillus niger IFO31125 and its application. Journal of Bioscience and Bioengineering, 1999, 87, 576-580.	2.2	6
125	Synthesis of a Glycopeptide Containing Oligosaccharides: Chemoenzymatic Synthesis of Eel Calcitonin Analogues Having Natural N-Linked Oligosaccharides. Journal of the American Chemical Society, 1999, 121, 284-290.	13.7	188
126	Chemo-enzymatic synthesis of calcitonin derivatives containing N -linked oligosaccharides. Bioorganic and Medicinal Chemistry Letters, 1998, 8, 1303-1306.	2.2	74

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127	Effects of Carbohydrate Chain on Surface Net Charge and Hydrophobicity of Glycoenzymes. Bioscience, Biotechnology and Biochemistry, 1998, 62, 2171-2176.	1.3	1
128	Structural Analysis of Disaccharides Synthesized byÎ²-<scp>d</scp>-Glucosidase ofBifidobacterium hreveclb and Their Assimilation byBifidobacteria. Bioscience, Biotechnology and Biochemistry, 1997, 61, 1033-1035.	1.3	8
129	Expression of the Î²-d-glucosidase I gene in Bifidobacterium breve 203 during acclimation to cellobiose. Journal of Bioscience and Bioengineering, 1997, 83, 309-314.	0.9	10
130	The chemo-enzymatic synthesis and evaluation of oligosaccharide-branched cyclodextrins. Bioorganic and Medicinal Chemistry Letters, 1997, 7, 2353-2356.	2.2	22
131	Chemoenzymatic synthesis of a novel glycopeptide using a microbial endoglycosidase. Carbohydrate Research, 1997, 305, 415-422.	2.3	80
132	Binding Specificity ofLactobacillusto Glycolipids. Biochemical and Biophysical Research Communications, 1996, 228, 148-152.	2.1	55
133	Purification and Characterization ofÎ²-D-Glucosidase (Î²-D-Fucosidase) fromBifidobacterium breveclb Acclimated to Cellobiose. Bioscience, Biotechnology and Biochemistry, 1996, 60, 188-193.	1.3	29
134	Characterization of a lactate oxidase from a strain of gram negative bacterium from soil. Applied Biochemistry and Biotechnology, 1996, 56, 277-288.	2.9	15
135	Transglycosylation of intact sialo complex-type oligosaccharides to the N-acetylglucosamine moieties of glycopeptides by Mucor hiemalis endo-Î²-N-acetylglucosaminidase. Carbohydrate Research, 1996, 292, 61-70.	2.3	90
136	Cloning and Nucleotide Sequence of theÎ²-<scp>d</scp>-Glucosidase Gene fromBifidobacterium breveclb, and Expression ofÎ²-<scp>d</scp>-Glucosidase Activity inEscherichia coli. Bioscience, Biotechnology and Biochemistry, 1996, 60, 2011-2018.	1.3	28
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