Haruhide Mori

List of Publications by Year
in descending order

130 papers	2,803 citations	147801 31 h-index	243625 44 g-index
132 all docs	132 docs citations	132 times ranked	2647 citing authors

#	Article	IF	Citations
1	Discovery of solabiose phosphorylase and its application for enzymatic synthesis of solabiose from sucrose and lactose. Scientific Reports, 2022, 12, 259.	3.3	2
2	A practical approach to producing isomaltomegalosaccharide using dextran dextrinase from Gluconobacter oxydans ATCC 11894. Applied Microbiology and Biotechnology, 2022, 106, 689-698.	3.6	2
3	Substrate specificity of glycoside hydrolase family 1 Î²-glucosidase AtBGlu42 from <i>Arabidopsis thaliana</i> and its molecular mechanism. Bioscience, Biotechnology and Biochemistry, 2022, 86, 231-245.	1.3	3
4	Preliminary evaluation of colorimetric and HPLC-based methods for quantifying Î²-(1â†’4)-mannobiose in a crude material. Food Science and Technology Research, 2021, 27, 249-257.	0.6	0
5	A Ubiquitously Expressed UDP-Glucosyltransferase, UGT74J1, Controls Basal Salicylic Acid Levels in Rice. Plants, 2021, 10, 1875.	3.5	9
6	Efficient one-pot enzymatic synthesis of trehalose 6-phosphate using GH65 Î±-glucoside phosphorylases. Carbohydrate Research, 2020, 488, 107902.	2.3	3
7	[Review] Functions of Hydrolases, Phosphorylases, and Isomerases Acting on Carbohydrates, and their Application. Bulletin of Applied Glycoscience, 2020, 10, 165-174.	0.0	0
8	Biochemical characteristics of maltose phosphorylase MalE from <i>Bacillus</i> sp. AHU2001 and chemoenzymatic synthesis of oligosaccharides by the enzyme. Bioscience, Biotechnology and Biochemistry, 2019, 83, 2097-2109.	1.3	6
9	Enzymatic characteristics of d-mannose 2-epimerase, a new member of the acylglucosamine 2-epimerase superfamily. Applied Microbiology and Biotechnology, 2019, 103, 6559-6570.	3.6	15
10	The rice ethylene response factor OsERF83 positively regulates disease resistance to Magnaporthe oryzae. Plant Physiology and Biochemistry, 2019, 135, 263-271.	5.8	58
11	Biochemical and structural characterization of Marinomonas mediterranea d-mannose isomerase Marme_2490 phylogenetically distant from known enzymes. Biochimie, 2018, 144, 63-73.	2.6	21
12	A Transposon Mutagenesis System for Bifidobacterium longum subsp. longum Based on an IS 3 Family Insertion Sequence, IS Blo11. Applied and Environmental Microbiology, 2018, 84, .	3.1	14
13	Function and structure of <scp>GH</scp>13_31 Î±â€glucosidase with high Î±â€(1â†’4)â€glucosidic linkage specificity and transglucosylation activity. FEBS Letters, 2018, 592, 2268-2281.	2.8	27
14	Efficient synthesis of Î±â€galactosyl oligosaccharides using a mutant <i>Bacteroides thetaiotaomicron</i> retaining Î±â€galactosidase (<i>Bt</i><scp>GH</scp>97b). FEBS Journal, 2017, 284, 766-783.	4.7	19
15	Evaluation of acceptor selectivity of <i>Lactococcus lactis</i> ssp. <i>lactis</i> trehalose 6-phosphate phosphorylase in the reverse phosphorolysis and synthesis of a new sugar phosphate. Bioscience, Biotechnology and Biochemistry, 2017, 81, 1512-1519.	1.3	6
16	Effects of mutation of Asn694 in Aspergillus niger Î±-glucosidase on hydrolysis and transglucosylation. Applied Microbiology and Biotechnology, 2017, 101, 6399-6408.	3.6	17
17	Structural insights into the difference in substrate recognition of two mannoside phosphorylases from two <scp>GH</scp>130 subfamilies. FEBS Letters, 2016, 590, 828-837.	2.8	13
18	Î±-Glucosidases and Î±-1,4-glucan lyases: structures, functions, and physiological actions. Cellular and Molecular Life Sciences, 2016, 73, 2727-2751.	5.4	48

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19	Kinetic properties and substrate inhibition of Î±-galactosidase from Aspergillus niger. Bioscience, Biotechnology and Biochemistry, 2016, 80, 1747-1752.	1.3	7
20	Purification and characterization of a chloride ion-dependent Î±-glucosidase from the midgut gland of Japanese scallop (Patinopecten yessoensis). Bioscience, Biotechnology and Biochemistry, 2016, 80, 479-485.	1.3	1
21	[Review: Symposium on Applied Glycoscience] Structural and Biochemical Studies of Plant α-Glucosidases with a Series of Long-Chain Inhibitors. Bulletin of Applied Glycoscience, 2016, 6, 103-108.	0.0	0
22	Supplemental epilactose prevents metabolic disorders through uncoupling protein-1 induction in the skeletal muscle of mice fed high-fat diets. British Journal of Nutrition, 2015, 114, 1774-1783.	2.3	34
23	Functional reassignment of Cellvibrio vulgaris EpiA to cellobiose 2-epimerase and an evaluation of the biochemical functions of the 4-O-Î²-d-mannosyl-d-glucose phosphorylase-like protein, UnkA. Bioscience, Biotechnology and Biochemistry, 2015, 79, 969-977.	1.3	19
24	Structural analysis of the Î±-glucosidase HaG provides new insights into substrate specificity and catalytic mechanism. Acta Crystallographica Section D: Biological Crystallography, 2015, 71, 1382-1391.	2.5	63
25	Structural insights into the catalytic reaction that is involved in the reorientation of Trp238 at the substrateâ€binding site in GH13 dextran glucosidase. FEBS Letters, 2015, 589, 484-489.	2.8	17
26	Structural Advantage of Sugar Beet Î±-Glucosidase to Stabilize the Michaelis Complex with Long-chain Substrate. Journal of Biological Chemistry, 2015, 290, 1796-1803.	3.4	11
27	Structural elements responsible for the glucosidic linkageâ€selectivity of a glycoside hydrolase family 13 exoâ€glucosidase. FEBS Letters, 2015, 589, 865-869.	2.8	15
28	Identification of rice Os4BGlu13 as a Î²-glucosidase which hydrolyzes gibberellin A4 1-O-Î²-d-glucosyl ester, in addition to tuberonic acid glucoside and salicylic acid derivative glucosides. Archives of Biochemistry and Biophysics, 2015, 583, 36-46.	3.0	10
29	Extracellular and cell-associated forms of Gluconobacter oxydans dextran dextrinase change their localization depending on the cell growth. Biochemical and Biophysical Research Communications, 2015, 456, 500-505.	2.1	17
30	Biochemical properties and substrate recognition mechanism of GH31 Î±-glucosidase from Bacillus sp. AHU 2001 with broad substrate specificity. Biochimie, 2015, 108, 140-148.	2.6	14
31	A Single-Nucleotide Polymorphism in an Endo-1,4-Î²-Glucanase Gene Controls Seed Coat Permeability in Soybean. PLoS ONE, 2015, 10, e0128527.	2.5	35
32	Colorimetric Quantification of Î²-(1â†'4)-Mannobiose and 4-O-Î²-D-Mannosyl-D-glucose. Journal of Applied Glycoscience (1999), 2014, 61, 117-119.	0.7	5
33	Acidophilic Î²-Galactosidase from Aspergillus niger AHU7120 with Lactose Hydrolytic Activity Under Simulated Gastric Conditions. Journal of Applied Glycoscience (1999), 2014, 61, 53-57.	0.7	2
34	Characterization of a thermophilic 4-<i>O</i>-Î²-<scp>d</scp>-mannosyl-<scp>d</scp>-glucose phosphorylase from <i>Rhodothermus marinus</i>. Bioscience, Biotechnology and Biochemistry, 2014, 78, 263-270.	1.3	21
35	Production of 1,5-anhydro-d-fructose by an Î±-glucosidase belonging to glycoside hydrolase family 31. Bioscience, Biotechnology and Biochemistry, 2014, 78, 2064-2068.	1.3	1
36	Crystallization and preliminary X-ray crystallographic analysis of Î±-glucosidase HaG fromHalomonassp. strain H11. Acta Crystallographica Section F, Structural Biology Communications, 2014, 70, 464-466.	0.8	4

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37	Structural Insights into the Epimerization of Î²-1,4-Linked Oligosaccharides Catalyzed by Cellobiose 2-Epimerase, the Sole Enzyme Epimerizing Non-anomeric Hydroxyl Groups of Unmodified Sugars. Journal of Biological Chemistry, 2014, 289, 3405-3415.	3.4	49
38	Enhancement of hydrolytic activity of thermophilic alkalophilic Î±-amylase from Bacillus sp. AAH-31 through optimization of amino acid residues surrounding the substrate binding site. Biochemical Engineering Journal, 2014, 86, 8-15.	3.6	8
39	Different molecular complexity of linear-isomaltomegalosaccharides and Î²-cyclodextrin on enhancing solubility of azo dye ethyl red: Towards dye biodegradation. Bioresource Technology, 2014, 169, 518-524.	9.6	16
40	Catalytic role of the calcium ion in GH97 inverting glycoside hydrolase. FEBS Letters, 2014, 588, 3213-3217.	2.8	12
41	Biodecolorization of a food azo dye by the deep sea Dermacoccus abyssi MT1.1T strain from the Mariana Trench. Journal of Environmental Management, 2014, 132, 155-164.	7.8	20
42	Bp-6 Amphiphilic function of linear-isomaltomegalosaccharides (L-IMS) on ethyl red (ER) solubility. Bulletin of Applied Glycoscience, 2014, 4, B42.	0.0	0
43	Crystal structure of <i>Ruminococcus albus</i> cellobiose 2â€epimerase: Structural insights into epimerization of unmodified sugar. FEBS Letters, 2013, 587, 840-846.	2.8	39
44	Modulation of acceptor specificity of Ruminococcus albus cellobiose phosphorylase through site-directed mutagenesis. Carbohydrate Research, 2013, 379, 21-25.	2.3	14
45	A novel mechanism for the promotion of quercetin glycoside absorption by megalo Î±-1,6-glucosaccharide in the rat small intestine. Food Chemistry, 2013, 136, 293-296.	8.2	30
46	Key aromatic residues at subsites +2 and +3 of glycoside hydrolase family 31 Î±-glucosidase contribute to recognition of long-chain substrates. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2013, 1834, 329-335.	2.3	16
47	Characterization of a Glycoside Hydrolase Family 31 Î±-Glucosidase Involved in Starch Utilization in<i>Podospora anserina</i>. Bioscience, Biotechnology and Biochemistry, 2013, 77, 2117-2124.	1.3	15
48	Aromatic Residue on Î²â†’Î± Loop 1 in the Catalytic Domain Is Important to the Transglycosylation Specificity of Glycoside Hydrolase Family 31 Î±-Glucosidase. Bioscience, Biotechnology and Biochemistry, 2013, 77, 1759-1765.	1.3	20
49	Identification of Rice Î²-Glucosidase with High Hydrolytic Activity towards Salicylic Acid Î²-<scp>D</scp>-Glucoside. Bioscience, Biotechnology and Biochemistry, 2013, 77, 934-939.	1.3	18
50	Enzymatic Synthesis of Acarviosyl-maltooligosaccharides Using Disproportionating Enzyme 1. Bioscience, Biotechnology and Biochemistry, 2013, 77, 312-319.	1.3	9
51	Characterization of <i><scp>R</scp>uminococcusÂalbus</i> cellodextrin phosphorylase and identification of a key phenylalanine residue for acceptor specificity and affinity to the phosphate group. FEBS Journal, 2013, 280, 4463-4473.	4.7	29
52	A Thermophilic Alkalophilic Î±-Amylase from<i>Bacillus</i>sp. AAH-31 Shows a Novel Domain Organization among Glycoside Hydrolase Family 13 Enzymes. Bioscience, Biotechnology and Biochemistry, 2013, 77, 1867-1873.	1.3	7
53	Molecular Basis for the Recognition of Long-chain Substrates by Plant Î±-Glucosidases. Journal of Biological Chemistry, 2013, 288, 19296-19303.	3.4	83
54	Identification and Characterization of Cellobiose 2-Epimerases from Various Aerobes. Bioscience, Biotechnology and Biochemistry, 2013, 77, 189-193.	1.3	29

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55	Replacement of the Catalytic Nucleophile Aspartyl Residue of Dextran Glucosidase by Cysteine Sulfinate Enhances Transglycosylation Activity. Journal of Biological Chemistry, 2013, 288, 31670-31677.	3.4	12
56	Structure of a bacterial glycoside hydrolase familyÂ63 enzyme in complex with its glycosynthase product, and insights into the substrate specificity. FEBS Journal, 2013, 280, 4560-4571.	4.7	7
57	[Review: Symposium on Applied Glycoscience] Practical Enzymatic Production of Epilactose with Cellobiose 2-Epimerase. Bulletin of Applied Glycoscience, 2013, 3, 137-142.	0.0	0
58	Megalo types of Î±â€1,6â€glucosaccharide enhance absorption of quercetin glycosides in rats. FASEB Journal, 2013, 27, 636.13.	0.5	0
59	Purification and Characterization of a Liquefying Î±-Amylase from Alkalophilic Thermophilic<i>Bacillus</i>sp. AAH-31. Bioscience, Biotechnology and Biochemistry, 2012, 76, 1378-1383.	1.3	12
60	Amino Acids in Conserved Region II Are Crucial to Substrate Specificity, Reaction Velocity, and Regioselectivity in the Transglucosylation of Honeybee GH-13 Î±-Glucosidases. Bioscience, Biotechnology and Biochemistry, 2012, 76, 1967-1974.	1.3	18
61	Metabolic Mechanism of Mannan in a Ruminal Bacterium, Ruminococcus albus, Involving Two Mannoside Phosphorylases and Cellobiose 2-Epimerase. Journal of Biological Chemistry, 2012, 287, 42389-42399.	3.4	64
62	A Novel Metabolic Pathway for Glucose Production Mediated by Î±-Glucosidase-catalyzed Conversion of 1,5-Anhydrofructose. Journal of Biological Chemistry, 2012, 287, 22441-22444.	3.4	8
63	Novel Dextranase Catalyzing Cycloisomaltooligosaccharide Formation and Identification of Catalytic Amino Acids and Their Functions Using Chemical Rescue Approach. Journal of Biological Chemistry, 2012, 287, 19927-19935.	3.4	19
64	Structural Elucidation of Dextran Degradation Mechanism by Streptococcus mutans Dextranase Belonging to Glycoside Hydrolase Family 66. Journal of Biological Chemistry, 2012, 287, 19916-19926.	3.4	42
65	<i>Bacteroidesâ€ƒthetaiotaomicron</i> VPIâ€5482 glycoside hydrolase familyâ€ƒ66 homolog catalyzes dextranolytic and cyclization reactions. FEBS Journal, 2012, 279, 3185-3191.	4.7	20
66	Enzymatic Characteristics of Cellobiose Phosphorylase from<i>Ruminococcus albus</i>NE1 and Kinetic Mechanism of Unusual Substrate Inhibition in Reverse Phosphorolysis. Bioscience, Biotechnology and Biochemistry, 2012, 76, 812-818.	1.3	22
67	Immobilization of a Thermostable Cellobiose 2-Epimerase from<i>Rhodothermus marinus</i>JCM9785 and Continuous Production of Epilactose. Bioscience, Biotechnology and Biochemistry, 2012, 76, 1584-1587.	1.3	25
68	In vitro antiproliferative/cytotoxic activity on cancer cell lines of a cardanol and a cardol enriched from Thai Apis mellifera propolis. BMC Complementary and Alternative Medicine, 2012, 12, 27.	3.7	69
69	Chemical constituents and free radical scavenging activity of corn pollen collected from Apis mellifera hives compared to floral corn pollen at Nan, Thailand. BMC Complementary and Alternative Medicine, 2012, 12, 45.	3.7	39
70	The Delay in the Development of Experimental Colitis from Isomaltosyloligosaccharides in Rats Is Dependent on the Degree of Polymerization. PLoS ONE, 2012, 7, e50658.	2.5	14
71	Calcium Ion-Dependent Increase in Thermostability of Dextran Glucosidase from<i>Streptococcus mutans</i>. Bioscience, Biotechnology and Biochemistry, 2011, 75, 1557-1563.	1.3	29
72	Transglycosylation by barley Î±-amylase 1. Journal of Molecular Catalysis B: Enzymatic, 2011, 72, 229-237.	1.8	8

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73	Truncation of N- and C-terminal regions of Streptococcus mutans dextranase enhances catalytic activity. Applied Microbiology and Biotechnology, 2011, 91, 329-339.	3.6	41
74	Crystallization and preliminary crystallographic analysis of dextranase from <i>Streptococcus mutans</i>. Acta Crystallographica Section F: Structural Biology Communications, 2011, 67, 1542-1544.	0.7	7
75	Biochemical Characterization of a Thermophilic Cellobiose 2-Epimerase from a Thermohalophilic Bacterium,<i>Rhodothermus marinus</i>JCM9785. Bioscience, Biotechnology and Biochemistry, 2011, 75, 2162-2168.	1.3	43
76	Comparison of Enzymatic Properties and Gene Expression Profiles of Two Tuberonic Acid Glucoside .BETA.-Glucosidases from Oryza sativa L.. Journal of Applied Glycoscience (1999), 2011, 58, 67-70.	0.7	7
77	Suicide Substrate-based Inactivation of Endodextranase by .OMEGA.-Epoxyalkyl .ALPHA.-D-Glucopyranosides. Journal of Applied Glycoscience (1999), 2010, 57, 269-272.	0.7	3
78	The first Î±-1,3-glucosidase from bacterial origin belonging to glycoside hydrolase family 31. Biochimie, 2009, 91, 1434-1442.	2.6	17
79	Catalytic Mechanism of Retaining Î±-Galactosidase Belonging to Glycoside Hydrolase Family 97. Journal of Molecular Biology, 2009, 392, 1232-1241.	4.2	27
80	Catalytic Reaction Mechanism Based on Î±-Secondary Deuterium Isotope Effects in Hydrolysis of Trehalose by European Honeybee Trehalase. Bioscience, Biotechnology and Biochemistry, 2009, 73, 2466-2473.	1.3	21
81	Structural Comparison of <i>Streptococcus mutans</i> Dextran Glucosidase with Glucoside Hydrolases in GH13. Journal of Applied Glycoscience (1999), 2009, 56, 111-117.	0.7	1
82	Structure-function relationship of substrate length specificity of dextran glucosidase from Streptococcus mutans. Biologia (Poland), 2008, 63, 1000-1005.	1.5	4
83	Substrate Recognition Mechanism of Î±-1,6-Glucosidic Linkage Hydrolyzing Enzyme, Dextran Glucosidase from Streptococcus mutans. Journal of Molecular Biology, 2008, 378, 913-922.	4.2	57
84	Rice Î±-glucosidase isozymes and isoforms showing different starch granules-binding and -degrading ability. Biocatalysis and Biotransformation, 2008, 26, 104-110.	2.0	7
85	Glycoside hydrolase family 31<i>Escherichia coli</i>Î±-xylosidase. Biocatalysis and Biotransformation, 2008, 26, 96-103.	2.0	3
86	Structural and Functional Analysis of a Glycoside Hydrolase Family 97 Enzyme from Bacteroides thetaiotaomicron. Journal of Biological Chemistry, 2008, 283, 36328-36337.	3.4	87
87	Molecular Mechanism of Î±-glucosidase. , 2008, , 64-76.		1
88	Substrate Recognition of Escherichia coli YicI (.ALPHA.-Xylosidase). Journal of Applied Glycoscience (1999), 2008, 55, 111-118.	0.7	2
89	Function-unknown Glycoside Hydrolase Family 31 Proteins, mRNAs of which were Expressed in Rice Ripening and Germinating Stages, are Â-Glucosidase and Â-Xylosidase. Journal of Biochemistry, 2007, 142, 491-500.	1.7	18
90	Molecular Cloning of cDNA for Trehalase from the European Honeybee,<i>Apis mellifera</i>L., and Its Heterologous Expression in<i>Pichia pastoris</i>. Bioscience, Biotechnology and Biochemistry, 2007, 71, 2256-2265.	1.3	41

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91	Multiple forms of Î±-glucosidase in rice seeds (Oryza sativa L., var Nipponbare). Biochimie, 2007, 89, 49-62.	2.6	27
92	Molecular Cloning of cDNAs and Genes for Three Î±-Glucosidases from European Honeybees,Apis melliferaL., and Heterologous Production of Recombinant Enzymes inPichia pastoris. Bioscience, Biotechnology and Biochemistry, 2007, 71, 1703-1716.	1.3	18
93	Crystallization and preliminary X-ray analysis ofStreptococcus mutansdextran glucosidase. Acta Crystallographica Section F: Structural Biology Communications, 2007, 63, 774-776.	0.7	5
94	Aglycone specificity of <i>Escherichia coli</i>Î±â€xylosidase investigated by transxylosylation. FEBS Journal, 2007, 274, 6074-6084.	4.7	6
95	Purification and Characterization of Î±-Glucosidase I from Japanese Honeybee (Apis cerana japonica) and Molecular Cloning of Its cDNA. Bioscience, Biotechnology and Biochemistry, 2006, 70, 2889-2898.	1.3	31
96	Structural elements to convertEscherichia coliÎ±-xylosidase (YicI) into Î±-glucosidase. FEBS Letters, 2006, 580, 2707-2711.	2.8	25
97	Structural elements in dextran glucosidase responsible for high specificity to long chain substrate. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2006, 1764, 688-698.	2.3	51
98	Interactions between Barley .ALPHA.-Amylases, Substrates, Inhibitors and Regulatory Proteins. Journal of Applied Glycoscience (1999), 2006, 53, 163-169.	0.7	0
99	Enzymatic synthesis of alkyl Î±-2-deoxyglucosides by alkyl alcohol resistant Î±-glucosidase from Aspergillus niger. Tetrahedron: Asymmetry, 2005, 16, 403-409.	1.8	11
100	Purification and characterization of the hyper-glycosylated extracellular Î±-glucosidase from Schizosaccharomyces pombe. Enzyme and Microbial Technology, 2005, 37, 472-480.	3.2	28
101	Crystallization and preliminary X-ray analysis of Î±-xylosidase fromEscherichia coli. Acta Crystallographica Section F: Structural Biology Communications, 2005, 61, 178-179.	0.7	6
102	Oligosaccharide Binding to Barley Î±-Amylase 1. Journal of Biological Chemistry, 2005, 280, 32968-32978.	3.4	67
103	Glucoamylase Originating fromSchwanniomyces occidentalisIs a Typical Î±-Glucosidase. Bioscience, Biotechnology and Biochemistry, 2005, 69, 1905-1913.	1.3	19
104	Involvement of Individual Subsites and Secondary Substrate Binding Sites in Multiple Attack on Amylose by Barley Î±-Amylase. Biochemistry, 2005, 44, 1824-1832.	2.5	42
105	Localization of Î±-Glucosidases I, II, and III in Organs of European Honeybees,Apis melliferaL., and the Origin of Î±-Glucosidase in Honey. Bioscience, Biotechnology and Biochemistry, 2004, 68, 2346-2352.	1.3	56
106	Purification and characterization of Acremonium implicatum Î±-glucosidase having regioselectivity for Î±-1,3-glucosidic linkage. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2004, 1700, 189-198.	2.3	47
107	Overexpression and characterization of two unknown proteins, YicI and YihQ, originated from Escherichia coli. Protein Expression and Purification, 2004, 37, 170-179.	1.3	51
108	Purification, characterization and molecular cloning of tyrosinase from the cephalopod mollusk,Illexâ€ƒargentinus. FEBS Journal, 2003, 270, 4026-4038.	0.2	44

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109	Purification, Characterization, and Sequence Analysis of Two Î±-Amylase Isoforms from Azuki Bean,Vigna angularis, Showing Different Affinity towards Î²-Cyclodextrin Sepharose. Bioscience, Biotechnology and Biochemistry, 2003, 67, 1080-1093.	1.3	22
110	Evidence of Intramolecular Transglucosylation Catalyzed by an .ALPHA.-Glucosidase.. Journal of Applied Glycoscience (1999), 2003, 50, 41-44.	0.7	3
111	Impact on Substrate Specificity of Mutational Subsite Isozyme Mimicry in Barley .ALPHA.-Amylase. Journal of Applied Glycoscience (1999), 2003, 50, 143-145.	0.7	0
112	Identification of Essential Ionizable Groups and Evaluation of Subsite Affinities in the Active Site of Î²-D-Glucosidase F1from aStreptomycessp.. Bioscience, Biotechnology and Biochemistry, 2002, 66, 2060-2067.	1.3	7
113	Î±-Glucosidase Mutant Catalyzes â€œÎ±-Glycosynthaseâ€•type Reaction. Bioscience, Biotechnology and Biochemistry, 2002, 66, 928-933.	1.3	75
114	Barley Î±-amylase Met53 situated at the high-affinity subsite âˆ’2 belongs to a substrate binding motif in the Î²â†’Î± loop 2 of the catalytic (Î²/Î±)8 -barrel and is critical for activity and substrate specificity. FEBS Journal, 2002, 269, 5377-5390.	0.2	28
115	Study on Three .ALPHA.-Glucosidase Isozymes from Honeybee, Apis mellifera L.. Journal of Applied Glycoscience (1999), 2002, 49, 191-197.	0.7	1
116	Kinetic Studies on Substrate Specificity and Active Site of .BETA.-D-Glucosidase F1 from Streptomyces sp.. Journal of Applied Glycoscience (1999), 2002, 49, 265-272.	0.7	0
117	Purification and Identification of the Essential Ionizable Groups of Honeybee, Apis mellifera L., Trehalase. Bioscience, Biotechnology and Biochemistry, 2001, 65, 2657-2665.	1.3	18
118	Purification and Substrate Specificity of Honeybee, Apis mellifera L., Î±-Glucosidase III. Bioscience, Biotechnology and Biochemistry, 2001, 65, 1610-1616.	1.3	46
119	Carboxyl group of residue Asp647 as possible proton donor in catalytic reaction of Î±-glucosidase from Schizosaccharomyces pombe. FEBS Journal, 2001, 268, 2270-2280.	0.2	67
120	Modulation of activity and substrate binding modes by mutation of single and double subsites +1/+2 and âˆ’5/âˆ’6 of barley Î±-amylase 1. FEBS Journal, 2001, 268, 6545-6558.	0.2	33
121	Isolation and Sequence of a Putative .ALPHA.-Glucosidase Gene from Brevibacterium fuscum var. dextranlyticum Strain 0407.. Journal of Applied Glycoscience (1999), 2001, 48, 287-291.	0.7	0
122	Molecular Cloning of Isomaltotrio-dextranase Gene fromBrevibacterium fuscumvar.dextranlyticumstrain 0407 and Its Expression inEscherichia coli. Bioscience, Biotechnology and Biochemistry, 1999, 63, 1582-1588.	1.3	17
123	Identification of Essential Ionizable Groups in Active Site ofAspergillus niger Î±-Glucosidase. Bioscience, Biotechnology and Biochemistry, 1997, 61, 475-479.	1.3	8
124	Cloning and Sequencing of a cDNA Encoding Î±-Glucosidase from Sugar Beet. Bioscience, Biotechnology and Biochemistry, 1997, 61, 875-880.	1.3	21
125	A Catalytic Amino Acid and Primary Structure of Active Site in<i>Aspevgillus niger</i>Î±-Glucosidase. Bioscience, Biotechnology and Biochemistry, 1997, 61, 1091-1098.	1.3	36
126	Molecular Cloning and Nucleotide Sequences of cDNA and Gene Encoding<i>endo</i>-Inulinase from<i>Penicillium purpurogenum</i>. Bioscience, Biotechnology and Biochemistry, 1996, 60, 1780-1785.	1.3	37

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127	Chemical Modification and Amino Acid Sequence of Active Site in Sugar BeetÎ±-Glucosidase. Bioscience, Biotechnology and Biochemistry, 1995, 59, 459-463.	1.3	31
128	Molecular cloning and expression of an isomalto-dextranase gene from Arthrobacter globiformis T6. Journal of Bacteriology, 1994, 176, 7730-7734.	2.2	39
129	Starch-hydrolyzing Enzymes in Germinating Kidney Bean. Bioscience, Biotechnology and Biochemistry, 1992, 56, 1499-1500.	1.3	2
130	Nucleotide and derived amino acid sequence of a catalase cDNA isolated from rice immature seeds. Plant Molecular Biology, 1992, 18, 973-976.	3.9	26