

Atsushi Nishikawa

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9252316/publications.pdf>

Version: 2024-02-01

119
papers

3,129
citations

147566
31
h-index

182168
51
g-index

122
all docs

122
docs citations

122
times ranked

2053
citing authors

#	ARTICLE	IF	CITATIONS
1	Suppression of lung metastasis of B16 mouse melanoma by N-acetylglucosaminyltransferase III gene transfection.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 8754-8758.	3.3	256
2	Purification and Characterization of UDP-N-Acetylglucosamine: -6-D-Mannoside β -6-N-Acetylglucosaminyltransferase(N-Acetylglucosaminyltransferase V) from a Human Lung Cancer Cell Line1. Journal of Biochemistry, 1993, 113, 614-619.	0.9	147
3	Structure of serum transferrin in carbohydrate-deficient glycoprotein syndrome. Biochemical and Biophysical Research Communications, 1992, 189, 832-836.	1.0	130
4	cDNA Cloning, Expression, and Chromosomal Localization of Human N-Acetylglucosaminyltransferase III (GnT-III)1. Journal of Biochemistry, 1993, 113, 692-698.	0.9	111
5	Determination of N-acetylglucosaminyltransferases III, IV and V in normal and hepatoma tissues of rats. Biochimica Et Biophysica Acta - General Subjects, 1990, 1035, 313-318.	1.1	104
6	CDNA Cloning and Chromosomal Mapping of Human N-Acetylglucosaminyltransferase-V. Biochemical and Biophysical Research Communications, 1994, 198, 318-327.	1.0	104
7	A glycomic approach to the identification and characterization of glycoprotein function in cells transfected with glycosyltransferase genes. Proteomics, 2001, 1, 239-247.	1.3	79
8	[31] Glycosyltransferase assays using pyridylaminated acceptors: N-acetylglucosaminyltransferase III, IV, and V. Methods in Enzymology, 1989, 179, 397-408.	0.4	73
9	Molecular characterization of binding subcomponents of Clostridium botulinum type C progenitor toxin for intestinal epithelial cells and erythrocytes. Microbiology (United Kingdom), 2004, 150, 1529-1538.	0.7	71
10	A Fluorescent Assay Method for GDP-L-Fuc: N-Acetyl- β -D- Glucosaminide β -1-6Fucosyltransferase Activity, Involving High Performance Liquid Chromatography. Journal of Biochemistry, 1996, 120, 385-392.	0.9	68
11	The receptor and transporter for internalization of Clostridium botulinum type C progenitor toxin into HT-29 cells. Biochemical and Biophysical Research Communications, 2004, 319, 327-333.	1.0	63
12	A method for the determination of N-acetylglucosaminyltransferase III activity in rat tissues involving HPLC. Analytical Biochemistry, 1988, 170, 349-354.	1.1	62
13	Transforming Growth Factor β 2 Up-regulates Expression of the N-Acetylglucosaminyltransferase V Gene in Mouse Melanoma Cells. Journal of Biological Chemistry, 1995, 270, 6216-6220.	1.6	59
14	High expression of an N-acetylglucosaminyltransferase III in β -methyl DAB-induced hepatoma and ascites hepatoma. Biochemical and Biophysical Research Communications, 1988, 152, 107-112.	1.0	57
15	Remodeling of cell surface glycoproteins by N-acetylglucosaminyltransferase III gene transfection: modulation of metastatic potentials and down regulation of hepatitis B virus replication. Glycobiology, 1996, 6, 691-694.	1.3	56
16	Enzymatic basis of sugar structures of β -fetoprotein in hepatoma and hepatoblastoma cell lines: Correlation with activities of β -6 fucosyltransferase and N-acetylglucosaminyltransferases III and V. International Journal of Cancer, 1992, 51, 315-317.	2.3	54
17	N-Acetylglucosaminyltransferase III in human serum, and liver and hepatoma tissues: Increased activity in liver cirrhosis and hepatoma patients. Clinica Chimica Acta, 1989, 185, 325-332.	0.5	52
18	Modulation of N-acetylglucosaminyltransferase III, IV and V activities and alteration of the surface oligosaccharide structure of a myeloma cell line by interleukin 6. Biochemical and Biophysical Research Communications, 1990, 172, 1260-1266.	1.0	50

#	ARTICLE	IF	CITATIONS
19	Ectopic expression of N-acetylglucosaminyltransferase III in transgenic hepatocytes disrupts apolipoprotein B secretion and induces aberrant cellular morphology with lipid storage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 2526-2530.	3.3	48
20	Hydrophobic Man-1-P derivatives correct abnormal glycosylation in Type I congenital disorder of glycosylation fibroblasts. <i>Glycobiology</i> , 2005, 15, 1084-1093.	1.3	48
21	Sugar-binding Sites of the HA1 Subcomponent of Clostridium botulinum Type C Progenitor Toxin. <i>Journal of Molecular Biology</i> , 2008, 376, 854-867.	2.0	48
22	Organization of the Human N-Acetylglucosaminyltransferase V Gene. <i>FEBS Journal</i> , 1995, 233, 18-26.	0.2	44
23	Structural Insights into Substrate Specificity and Function of Glucodextranase. <i>Journal of Biological Chemistry</i> , 2004, 279, 10575-10583.	1.6	43
24	Structural Insights into the Substrate Specificity and Function of Escherichia coli K12 YgiK, a Glucosidase Belonging to the Glycoside Hydrolase Family 63. <i>Journal of Molecular Biology</i> , 2008, 381, 116-128.	2.0	42
25	The Phosphorylation of Bovine DNase I Asn-linked Oligosaccharides Is Dependent on Specific Lysine and Arginine Residues. <i>Journal of Biological Chemistry</i> , 1997, 272, 19408-19412.	1.6	39
26	Gene expression of N-acetylglucosaminyltransferases III and V: A possible implication for liver regeneration. <i>Hepatology</i> , 1995, 22, 1847-1855.	3.6	38
27	Structural Characterization of Chemically Derivatized Oligosaccharides by Nanoflow Electrospray Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 1999, 71, 4100-4106.	3.2	37
28	Crystal Structure of the HA3 Subcomponent of Clostridium botulinum Type C Progenitor Toxin. <i>Journal of Molecular Biology</i> , 2009, 385, 1193-1206.	2.0	37
29	High expression of udp-n-acetylglucosamine: β -d mannoside β -1, 4-n-acetylglucosaminyltransferase III (GnT-III) in chronic myelogenous leukemia in blast crisis. <i>International Journal of Cancer</i> , 1995, 60, 443-449.	2.3	35
30	Crystal structure of a lactosucrose-producing enzyme, <i>Arthrobacter</i> sp. K-1 β -fructofuranosidase. <i>Enzyme and Microbial Technology</i> , 2012, 51, 359-365.	1.6	33
31	Hypogalactosylation of immunoglobulin G sugar chains and elevated serum interleukin 6 in Castleman's disease. <i>Clinica Chimica Acta</i> , 1991, 197, 221-228.	0.5	32
32	Bisecting GlcNAc Structures Act as Negative Sorting Signals for Cell Surface Glycoproteins in Forskolin-treated Rat Hepatoma Cells. <i>Journal of Biological Chemistry</i> , 1997, 272, 2866-2872.	1.6	32
33	Cell internalization and traffic pathway of Clostridium botulinum type C neurotoxin in HT-29 cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2006, 1763, 120-128.	1.9	32
34	Carbohydrate recognition mechanism of HA70 from <i>Clostridium botulinum</i> deduced from X-ray structures in complexes with sialylated oligosaccharides. <i>FEBS Letters</i> , 2012, 586, 2404-2410.	1.3	29
35	Crystal structure of a glycoside hydrolase family 6 enzyme, CcCel6C, a cellulase constitutively produced by <i>Coprinopsis cinerea</i> . <i>FEBS Journal</i> , 2010, 277, 1532-1542.	2.2	28
36	Molecular diversity of the two sugar-binding sites of the β -trefoil lectin HA33/C (HA1) from Clostridium botulinum type C neurotoxin. <i>Archives of Biochemistry and Biophysics</i> , 2011, 512, 69-77.	1.4	27

#	ARTICLE	IF	CITATIONS
37	The efficiency of N-linked glycosylation of bovine DNase I depends on the Asn-Xaa-Ser/Thr sequence and the tissue of origin. <i>Biochemical Journal</i> , 2001, 355, 245-248.	1.7	26
38	Structural and biochemical characterization of novel bacterial β -galactosidases belonging to glycoside hydrolase family 31. <i>Biochemical Journal</i> , 2015, 469, 145-158.	1.7	26
39	Crystal structure of a β -fructofuranosidase with high transfructosylation activity from <i>Aspergillus kawachii</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2017, 81, 1786-1795.	0.6	26
40	Crystal structures of open and closed forms of cyclo/maltodextrin-binding protein. <i>FEBS Journal</i> , 2009, 276, 3008-3019.	2.2	25
41	Crystal structure of the catalytic domain of a GH16 β -agarase from a deep-sea bacterium, <i>Microbulbifer thermotolerans</i> JAMB-A94. <i>Bioscience, Biotechnology and Biochemistry</i> , 2015, 79, 625-632.	0.6	25
42	Nitric Oxide Synthase from Rat Colorectum: Purification, Peptide Sequencing, Partial PCR Cloning, and Immunohistochemistry. <i>Journal of Biochemistry</i> , 1994, 115, 602-607.	0.9	24
43	Jaw1/LRMP has a role in maintaining nuclear shape via interaction with SUN proteins. <i>Journal of Biochemistry</i> , 2018, 164, 303-311.	0.9	24
44	Cell Spreading in Colo 201 by Staurosporin Is α 1 Integrin-mediated with Tyrosine Phosphorylation of Src and Tensin. <i>Journal of Biological Chemistry</i> , 1995, 270, 2298-2304.	1.6	23
45	Binding properties of <i>Clostridium botulinum</i> type C progenitor toxin to mucins. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2007, 1770, 551-555.	1.1	23
46	Crystal Structure of <i>Aspergillus niger</i> Isopullulanase, a Member of Glycoside Hydrolase Family 49. <i>Journal of Molecular Biology</i> , 2008, 376, 210-220.	2.0	23
47	Human N-Acetylglucosaminyltransferase III Gene is Transcribed from Multiple Promoters. <i>FEBS Journal</i> , 1996, 238, 853-861.	0.2	21
48	The crystal structure of <i>Thermoactinomyces vulgaris</i> R-47 α -amylase II (TVA II) complexed with transglycosylated product. <i>FEBS Journal</i> , 2004, 271, 2530-2538.	0.2	21
49	Crystal Structure and Mutational Analysis of Isomalto-dextranase, a Member of Glycoside Hydrolase Family 27. <i>Journal of Biological Chemistry</i> , 2015, 290, 26339-26349.	1.6	21
50	Substrate specificity and distribution of UDP-GalNAc:sialylparagloboside N-acetylgalactosaminyltransferase in the human stomach. <i>Biochemical Journal</i> , 1992, 288, 161-165.	1.7	20
51	Structural basis for cyclodextrin recognition by <i>Thermoactinomyces vulgaris</i> cyclo/maltodextrin-binding protein. <i>FEBS Journal</i> , 2007, 274, 2109-2120.	2.2	20
52	The relative contribution of mannose salvage pathways to glycosylation in PM1-deficient mouse embryonic fibroblast cells. <i>FEBS Journal</i> , 2008, 275, 788-798.	2.2	20
53	A glycoside hydrolase family 31 dextranase with high transglucosylation activity from <i>Flavobacterium johnsoniae</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2016, 80, 1562-1567.	0.6	20
54	Clinical application of <i>Clostridium botulinum</i> type A neurotoxin purified by a simple procedure for patients with urinary incontinence caused by refractory destrusor overactivity. <i>FEMS Immunology and Medical Microbiology</i> , 2007, 51, 201-211.	2.7	19

#	ARTICLE	IF	CITATIONS
55	Identification of Amino Acids That Modulate Mannose Phosphorylation of Mouse DNase I, a Secretory Glycoprotein. <i>Journal of Biological Chemistry</i> , 1999, 274, 19309-19315.	1.6	18
56	Enhancing thermostability and the structural characterization of <i>Microbacterium saccharophilum</i> K-1 β -fructofuranosidase. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 6667-6677.	1.7	18
57	Melanosome degradation in epidermal keratinocytes related to lysosomal protease cathepsin V. <i>Biochemical and Biophysical Research Communications</i> , 2018, 500, 339-343.	1.0	18
58	The efficiency of N-linked glycosylation of bovine DNase I depends on the Asn-Xaa-Ser/Thr sequence and the tissue of origin. <i>Biochemical Journal</i> , 2001, 355, 245.	1.7	18
59	Comparison of the structural changes in two cellobiohydrolases, CcCel6A and CcCel6C, from <i>Coprinopsis cinerea</i> and the conformational motion in the structure of CcCel6C. <i>FEBS Journal</i> , 2012, 279, 1871-1882.	2.2	17
60	Structural insights into polysaccharide recognition by <i>Flavobacterium johnsoniae</i> dextranase, a member of glycoside hydrolase family 31. <i>FEBS Journal</i> , 2020, 287, 1195-1207.	2.2	17
61	Insights into the reaction mechanism of glycosyl hydrolase family 49. Site-directed mutagenesis and substrate preference of isopullulanase. <i>FEBS Journal</i> , 2004, 271, 4420-4427.	0.2	16
62	Heterologous expression and characterization of processing β -glucosidase I from <i>Aspergillus brasiliensis</i> ATCC 9642. <i>Glycoconjugate Journal</i> , 2011, 28, 563-571.	1.4	16
63	Purification, Characterization, and Subsite Affinities of <i>Thermoactinomyces vulgaris</i> R-47 Maltotriose-metabolizing Enzyme Homologous to Glucoamylases. <i>Bioscience, Biotechnology and Biochemistry</i> , 2004, 68, 413-420.	0.6	15
64	Structure of the Catalytic Domain of β -L-Arabinofuranosidase from <i>Coprinopsis cinerea</i> , CcAbf62A, Provides Insights into Structure-Function Relationships in Glycoside Hydrolase Family 62. <i>Applied Biochemistry and Biotechnology</i> , 2017, 181, 511-525.	1.4	14
65	The phosphorylation of sorting nexin 5 at serine 226 regulates retrograde transport and macropinocytosis. <i>PLoS ONE</i> , 2018, 13, e0207205.	1.1	14
66	Small-angle X-ray scattering reveals structural dynamics of the botulinum neurotoxin associating protein, nontoxic nonhemagglutinin. <i>Biochemical and Biophysical Research Communications</i> , 2012, 425, 256-260.	1.0	12
67	Mechanisms mediating metabolic abnormalities in the livers of Ehrlich ascites tumor-bearing mice. <i>Archives of Biochemistry and Biophysics</i> , 2003, 412, 216-222.	1.4	11
68	Construction of an Efficient Expression System for <i>Aspergillus</i> Isopullulanase in <i>Pichia pastoris</i> , and a Simple Purification Method. <i>Bioscience, Biotechnology and Biochemistry</i> , 2003, 67, 1149-1153.	0.6	11
69	Exogenous mannose does not raise steady state mannose-6-phosphate pools of normal or N-glycosylation-deficient human fibroblasts. <i>Molecular Genetics and Metabolism</i> , 2009, 96, 268-272.	0.5	11
70	Genomics of <i>Clostridium botulinum</i> group III strains. <i>Research in Microbiology</i> , 2015, 166, 318-325.	1.0	11
71	Crystal structure of a glycoside hydrolase family 68 β -fructosyltransferase from <i>Beijerinckia indica</i> subsp. <i>indica</i> in complex with fructose. <i>Bioscience, Biotechnology and Biochemistry</i> , 2020, 84, 2508-2520.	0.6	11
72	Effects of dibutyryl cAMP and bromodeoxyuridine on expression of N-acetylglucosaminyltransferases III and V in GOTO neuroblastoma cells. <i>Glycoconjugate Journal</i> , 1995, 12, 787-794.	1.4	10

#	ARTICLE	IF	CITATIONS
73	Gene expression and regulation of N-acetylglucosaminyltransferases III and V in cancer tissues. <i>Advances in Enzyme Regulation</i> , 1998, 38, 223-232.	2.9	10
74	Heterologous Expression, Purification, and Characterization of an α -Mannosidase Belonging to Glycoside Hydrolase Family 99 of <i>Shewanella amazonensis</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2011, 75, 797-799.	0.6	10
75	Facile construction of 1,2-cis glucosidic linkage using sequential oxidation-reduction route for synthesis of an ER processing α -glucosidase I substrate. <i>Tetrahedron Letters</i> , 2012, 53, 4452-4456.	0.7	9
76	Preparation and characterization of monoclonal antibodies to an N-linked oligosaccharide. <i>Analytical Biochemistry</i> , 1990, 188, 149-154.	1.1	8
77	Suppression of the xenoantigen GAL α (1,3)Gal by N-Acetylglucosaminyltransferase III (GnT-III) in transgenic mice. <i>Transplantation Proceedings</i> , 1997, 29, 895-896.	0.3	8
78	Sugar-induced conformational change found in the HA-33/HA-17 trimer of the botulinum toxin complex. <i>Biochemical and Biophysical Research Communications</i> , 2013, 438, 483-487.	1.0	8
79	Crystal structure and substrate-binding mode of GH63 mannosylglycerate hydrolase from <i>Thermus thermophilus</i> HB8. <i>Journal of Structural Biology</i> , 2015, 190, 21-30.	1.3	8
80	The side chain of a glycosylated asparagine residue is important for the stability of isopullulanase. <i>Journal of Biochemistry</i> , 2015, 157, 225-234.	0.9	8
81	Gene expression of N-acetylglucosaminyltransferases III and V: A possible implication for liver regeneration*1. <i>Hepatology</i> , 1995, 22, 1847-1855.	3.6	7
82	Molecular cloning and expression of pyruvate kinase from globefish (<i>Fugu rubripes</i>) skeletal muscle. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2003, 135, 397-405.	0.7	7
83	Cross-Linking of CD45 on Suppressive/Regulatory T Cells Leads to the Abrogation of Their Suppressive Activity In Vitro. <i>Journal of Immunology</i> , 2005, 174, 4090-4097.	0.4	7
84	Structure of a bacterial glycoside hydrolase family 63 enzyme in complex with its glycosynthase product, and insights into the substrate specificity. <i>FEBS Journal</i> , 2013, 280, 4560-4571.	2.2	7
85	A convenient method for the preparation of all of the partially methylated derivatives of methyl α -D-mannopyranoside and α -D-galactopyranoside. <i>Carbohydrate Research</i> , 1983, 112, 313-319.	1.1	6
86	Deficiency of α -N-Acetylglucosaminyltransferase Involved in the Biosynthesis of Blood Group I Antigen in the Liver of LEC Rats. <i>Japanese Journal of Cancer Research</i> , 1992, 83, 878-884.	1.7	6
87	Crystal structure of the N-terminal domain of a glycoside hydrolase family 131 protein from <i>Coprinopsis cinerea</i> . <i>FEBS Letters</i> , 2013, 587, 2193-2198.	1.3	6
88	Crystal structure of the enzyme-product complex reveals sugar ring distortion during catalysis by family 63 inverting α -glucosidase. <i>Journal of Structural Biology</i> , 2016, 196, 479-486.	1.3	6
89	Jaw1/LRMP increases Ca ²⁺ influx upon GPCR stimulation with heterogeneous effect on the activity of each ITPR subtype. <i>Scientific Reports</i> , 2022, 12, .	1.6	6
90	Crystallization and preliminary X-ray analysis of the HA3 component of <i>Clostridium botulinum</i> type C progenitor toxin. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2007, 63, 1038-1040.	0.7	5

#	ARTICLE	IF	CITATIONS
91	Heterologous expression, crystallization and preliminary X-ray characterization of CcCel6C, a glycoside hydrolase family 6 enzyme from the basidiomycete <i>Coprinopsis cinerea</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2009, 65, 140-143.	0.7	5
92	Anti-melanogenic activity of salacinol by inhibition of tyrosinase oligosaccharide processing. <i>Journal of Biochemistry</i> , 2020, 167, 503-511.	0.9	5
93	The N-terminal region of Jaw1 has a role to inhibit the formation of organized smooth endoplasmic reticulum as an intrinsically disordered region. <i>Scientific Reports</i> , 2021, 11, 753.	1.6	5
94	Heterologous Production and Characterization of <i>Arthrobacter globiformis</i> T6 Isomalto-dextranase. <i>Journal of Applied Glycoscience</i> (1999), 2004, 51, 27-32.	0.3	5
95	Crystallization and preliminary X-ray analysis of <i>Escherichia coli</i> K12 YgjK protein, a member of glycosyl hydrolase family 63. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2004, 60, 1284-1285.	2.5	4
96	Application of Purified Botulinum Type A Neurotoxin to Treat Experimental Trigeminal Neuropathy in Rats and Patients with Urinary Incontinence and Prostatic Hyperplasia. <i>Journal of Toxicology</i> , 2012, 2012, 1-8.	1.4	4
97	Enzymatic and structural characterization of β -fructofuranosidase from the honeybee gut bacterium <i>Frischella perrara</i> . <i>Applied Microbiology and Biotechnology</i> , 2022, 106, 2455-2470.	1.7	4
98	Structural basis for proteolytic processing of <i>Aspergillus sojae</i> β -glucosidase L with strong transglucosylation activity. <i>Journal of Structural Biology</i> , 2022, 214, 107874.	1.3	4
99	Purification and characterization of pyruvate kinase from lamprey (<i>Entosphenus japonicus</i>) muscle. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2001, 128, 159-164.	0.7	3
100	Crystallization and preliminary X-ray analysis of <i>Thermoactinomyces vulgaris</i> R-47 maltooligosaccharide-metabolizing enzyme homologous to glucoamylase. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2005, 61, 302-304.	0.7	3
101	Effect of Nicking the C-terminal Region of the <i>Clostridium botulinum</i> Serotype D Neurotoxin Heavy Chain on its Toxicity and Molecular Properties. <i>Protein Journal</i> , 2007, 26, 173-181.	0.7	3
102	Mutagenesis-induced conformational change in domain B of a pullulan-hydrolyzing β -amylase TVA I. <i>Amylase</i> , 2018, 2, 1-10.	0.7	3
103	Purification, crystallization and preliminary X-ray analysis of an HA17 α -HA70 (HA2 α -HA3) complex from <i>Clostridium botulinum</i> type C progenitor toxin. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014, 70, 64-67.	0.4	3
104	Glycan detecting tools developed from the <i>Clostridium botulinum</i> whole hemagglutinin complex. <i>Scientific Reports</i> , 2021, 11, 21973.	1.6	3
105	Novel protocol to observe the intestinal tuft cell using transmission electron microscopy. <i>Biology Open</i> , 2022, 11, .	0.6	3
106	Clinical application of <i>Clostridium botulinum</i> type A neurotoxin purified by a simple procedure for patients with urinary incontinence caused by refractory detrusor overactivity. <i>FEMS Immunology and Medical Microbiology</i> , 2007, 51, 587-587.	2.7	1
107	Structural Similarity between a Starch-hydrolyzing Enzyme and an N-Glycan-Hydrolyzing Enzyme: Exohydrolases Cleaving β -1,4-Glucosidic Linkages to Produce β -Glucose. <i>Trends in Glycoscience and Glycotechnology</i> , 2011, 23, 93-102.	0.0	1
108	A Surface Loop in the N-Terminal Domain of <i>Pedobacter heparinus</i> Heparin Lyase II is Important for Activity. <i>Journal of Applied Glycoscience</i> (1999), 2016, 63, 7-11.	0.3	1

#	ARTICLE	IF	CITATIONS
109	Lysosomal Enzyme GlcNAc-1- Phosphotransferase. , 2002, , 611-616.		1
110	Mutagenesis and Structural Analysis of Thermoactinomyces vulgaris R-47 .ALPHA.-Amylase II (TVA II). Journal of Applied Glycoscience (1999), 2005, 52, 225-231.	0.3	1
111	Inactivation of .ALPHA.-Amylases from Thermoactinomyces vulgaris R-47, TVA I and TVA II, by .OMEGA.-Epoxyalkyl .ALPHA.-D-Glucofuranoside. Journal of Applied Glycoscience (1999), 2005, 52, 273-276.	0.3	1
112	ENZYMATIC AND MOLECULAR BASIS FOR CANCER ASSOCIATED CHANGES IN β -GLUTAMYL TRANSPEPTIDASE. , 1989, , 211-226.		1
113	Glycosyltransferases: Molecular Cloning of .BETA.1-4 N-Acetylglucosaminyltransferase III (GnT-III).. Nippon Nogeikagaku Kaishi, 1993, 67, 1734-1740.	0.0	0
114	Study on the Lysosomal Enzyme Selection System.. Journal of Applied Glycoscience (1999), 2002, 49, 205-210.	0.3	0
115	X-ray Crystallographic Study of Glucodextranase from a Gram-positive Bacterium, Arthrobacter globiformis I42. Journal of Applied Glycoscience (1999), 2005, 52, 145-151.	0.3	0
116	Site-Directed Mutagenesis of Tryptophan 622 of Thermoactinomyces vulgaris R-47 Glucoamylase: pH Optima and Activities of Five Mutants. Journal of Applied Glycoscience (1999), 2005, 52, 277-279.	0.3	0
117	[Review: Symposium on Applied Glycoscience] Novel Findings of the Structure and Substrate Specificity of Glucosidases Belonging to Glycoside Hydrolase Family 63. Bulletin of Applied Glycoscience, 2013, 3, 151-158.	0.0	0
118	Traffic of Botulinum Toxin Complex: The Crystal Structure and the Role of Toxin Complex. , 2014, , 1-5.		0
119	Traffic of Botulinum Toxin Complex: Crystal Structure and Role of Toxin Complex. , 2015, , 955-958.		0