

Yukishige Ito

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/599013/publications.pdf>

Version: 2024-02-01

445
papers

14,387
citations

20817

60
h-index

39675

94
g-index

545
all docs

545
docs citations

545
times ranked

7648
citing authors

#	ARTICLE	IF	CITATIONS
1	Substrate complex structure, active site labeling and catalytic role of the zinc ion in cysteine glycosidase. <i>Glycobiology</i> , 2022, 32, 171-180.	2.5	6
2	d-Mannose binding, aggregation property, and antifungal activity of amide derivatives of pradimicin A. <i>Bioorganic and Medicinal Chemistry</i> , 2022, 55, 116590.	3.0	2
3	Mannose-binding analysis and biological application of pradimicins. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2022, 98, 15-29.	3.8	1
4	Mechanism of Cooperative Degradation of Gum Arabic Arabinogalactan Protein by <i>Bifidobacterium longum</i> Surface Enzymes. <i>Applied and Environmental Microbiology</i> , 2022, 88, aem0218721.	3.1	8
5	In vitro mannosidase activity of EDEM3 against asparagine-linked oligomannose-type glycans. <i>Biochemical and Biophysical Research Communications</i> , 2022, 612, 44-49.	2.1	2
6	Synthesis of naturally occurring β -l-arabinofuranosyl-l-arabinofuranoside structures towards the substrate specificity evaluation of β -l-arabinofuranosidase. <i>Bioorganic and Medicinal Chemistry</i> , 2022, 68, 116849.	3.0	8
7	Recent Chemical and Chemoenzymatic Strategies to Complex-Type N-Glycans. <i>Frontiers in Chemistry</i> , 2022, 10, .	3.6	3
8	Chemical modification of pradimicin A to suppress aggregation without impairing D-mannose-binding and antifungal activities. <i>Tetrahedron</i> , 2022, , 132919.	1.9	0
9	C-Mannosyl Tryptophan: From Chemistry to Cell Biology. , 2021, , 163-181.		0
10	Quantification of serum C-mannosyl tryptophan by novel assay to evaluate renal function and vascular complications in patients with type 2 diabetes. <i>Scientific Reports</i> , 2021, 11, 1946.	3.3	3
11	Cysteine Nucleophiles in Glycosidase Catalysis: Application of a Covalent β -l-Arabinofuranosidase Inhibitor. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 5754-5758.	13.8	16
12	Cysteine Nucleophiles in Glycosidase Catalysis: Application of a Covalent β -l-Arabinofuranosidase Inhibitor. <i>Angewandte Chemie</i> , 2021, 133, 5818-5822.	2.0	3
13	Binding Evaluation of Pradimicins for Oligomannose Motifs from Fungal Mannans. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 732-754.	3.2	6
14	Novel 3-O- β -Galactosyl- β -Arabinofuranosidase for the Assimilation of Gum Arabic Arabinogalactan Protein in <i>Bifidobacterium longum</i> subsp. <i>longum</i> . <i>Applied and Environmental Microbiology</i> , 2021, 87, .	3.1	10
15	Protein C-Mannosylation and C-Mannosyl Tryptophan in Chemical Biology and Medicine. <i>Molecules</i> , 2021, 26, 5258.	3.8	18
16	Zn ₂ -Directed Stereocontrolled β -Glucosylation. <i>Organic Letters</i> , 2021, 23, 6841-6845.	4.6	11
17	A Pradimicin-Based Staining Dye for Glycoprotein Detection. <i>Journal of Natural Products</i> , 2021, 84, 2496-2501.	3.0	5
18	The ⁵⁹ Fe (n, β) ⁶⁰ Fe Cross Section from the Surrogate Ratio Method and Its Effect on the ⁶⁰ Fe Nucleosynthesis. <i>Astrophysical Journal</i> , 2021, 919, 84.	4.5	2

#	ARTICLE	IF	CITATIONS
19	Dimerization of ER-resident molecular chaperones mediated by ERp29. <i>Biochemical and Biophysical Research Communications</i> , 2021, 536, 52-58.	2.1	2
20	Identification of difructose dianhydride I synthase/hydrolase from an oral bacterium establishes a novel glycoside hydrolase family. <i>Journal of Biological Chemistry</i> , 2021, 297, 101324.	3.4	13
21	If I Look Back at Myself. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2021, 79, 976-979.	0.1	0
22	C-Mannosylated tryptophan-containing WSPW peptide binds to actinin-4 and alters E-cadherin subcellular localization in lung epithelial-like A549 cells. <i>Biochimie</i> , 2021, , .	2.6	2
23	Zinc(II) Iodide-Directed β -Mannosylation: Reaction Selectivity, Mode, and Application. <i>Journal of Organic Chemistry</i> , 2021, 86, 16901-16915.	3.2	8
24	Thrombospondin type 1 repeat-derived C-mannosylated peptide attenuates synaptogenesis of cortical neurons induced by primary astrocytes via TGF- β 2. <i>Glycoconjugate Journal</i> , 2021, , 1.	2.7	2
25	The endocyclic oxygen atom of d-mannopyranose is involved in its binding to pradimicins. <i>Tetrahedron Letters</i> , 2020, 61, 151530.	1.4	4
26	Glycan dependent refolding activity of ER glucosyltransferase (UGGT). <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020, 1864, 129709.	2.4	7
27	Systematic synthesis of novel phosphoglycolipid analogues as potential agonists of GPR55. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 8467-8473.	2.8	4
28	Lysolipid Chain Length Switches Agonistic to Antagonistic G Protein-Coupled Receptor Modulation. <i>ACS Chemical Neuroscience</i> , 2020, 11, 3635-3645.	3.5	5
29	Chemical Synthesis-Based Approach to Glycoprotein Functions in the Endoplasmic Reticulum. <i>Chemistry - A European Journal</i> , 2020, 26, 15461-15470.	3.3	12
30	Monomeric C-mannosyl tryptophan is a degradation product of autophagy in cultured cells. <i>Glycoconjugate Journal</i> , 2020, 37, 635-645.	2.7	9
31	Discrimination of cellular developmental states focusing on glycan transformation and membrane dynamics by using BODIPY-tagged lactosyl ceramides. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 3724-3733.	2.8	3
32	Unified Strategy toward Stereocontrolled Assembly of Various Glucans Based on Bimodal Glycosyl Donors. <i>Journal of Organic Chemistry</i> , 2020, 85, 5536-5558.	3.2	10
33	Calreticulin protects insulin against reductive stress <i>in vitro</i> and in MIN6 cells. <i>Biochimie</i> , 2020, 171-172, 1-11.	2.6	5
34	Metabolic syndrome perturbs deglycosylation and reglycosylation in the glycoprotein folding cycle. <i>FEBS Letters</i> , 2020, 594, 1759-1769.	2.8	8
35	Calnexin/Calreticulin and Assays Related to N-Glycoprotein Folding <i>In Vitro</i> . <i>Methods in Molecular Biology</i> , 2020, 2132, 295-308.	0.9	5
36	C-mannosyl tryptophan increases in the plasma of patients with ovarian cancer. <i>Oncology Letters</i> , 2020, 19, 908-916.	1.8	3

#	ARTICLE	IF	CITATIONS
37	Molecular Basis of Mannose Recognition by Pradimicins and their Application to Microbial Cell Surface Imaging. <i>Cell Chemical Biology</i> , 2019, 26, 950-959.e8.	5.2	13
38	A novel assay for detection and quantification of C-mannosyl tryptophan in normal or diabetic mice. <i>Scientific Reports</i> , 2019, 9, 4675.	3.3	11
39	Characterization of Antibody Products Obtained through Enzymatic and Nonenzymatic Glycosylation Reactions with a Glycan Oxazoline and Preparation of a Homogeneous Antibody-Drug Conjugate via Fc α -N-Glycan. <i>Bioconjugate Chemistry</i> , 2019, 30, 1343-1355.	3.6	30
40	Preference for Glucose over Inositol Headgroup during Lysolipid Activation of G Protein-Coupled Receptor 55. <i>ACS Chemical Neuroscience</i> , 2019, 10, 716-727.	3.5	14
41	Chemical and Enzymatic Synthesis and Production of Glycans. , 2019, , 65-86.		0
42	Enrichment and characterization of a bacterial mixture capable of utilizing C-mannosyl tryptophan as a carbon source. <i>Glycoconjugate Journal</i> , 2018, 35, 165-176.	2.7	14
43	Synthesis and structural investigation of a series of mannose-containing oligosaccharides using mass spectrometry. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 228-238.	2.8	3
44	Comparing of endocyclic and exocyclic cleavage reactions using mycothiol synthesis as an example. <i>Tetrahedron</i> , 2018, 74, 2440-2446.	1.9	1
45	Acceptor range of endo- β -N-acetylglucosaminidase mutant endo-CC N180H: from monosaccharide to antibody. <i>Royal Society Open Science</i> , 2018, 5, 171521.	2.4	13
46	Monitoring of Glycoprotein Quality Control System with a Series of Chemically Synthesized Homogeneous Native and Misfolded Glycoproteins. <i>Journal of the American Chemical Society</i> , 2018, 140, 17499-17507.	13.7	31
47	Stereodivergent Mannosylation Using 2-(<i>ortho</i> -Tosylamido)benzyl Group. <i>Organic Letters</i> , 2018, 20, 4833-4837.	4.6	20
48	Bimodal Glycosyl Donors Protected by 2-(<i>ortho</i> -Tosylamido)benzyl Group. <i>Organic Letters</i> , 2018, 20, 4384-4388.	4.6	25
49	Squaryl group modified phosphoglycolipid analogs as potential modulators of GPR55. <i>Chemical Communications</i> , 2018, 54, 8470-8473.	4.1	10
50	Structure and mechanism of cancer-associated N-acetylglucosaminyltransferase-V. <i>Nature Communications</i> , 2018, 9, 3380.	12.8	60
51	Amide Bond Formation of Sialic Acid in Oligosaccharide without Protecting Group. <i>Heterocycles</i> , 2018, 97, 1203.	0.7	4
52	Influence of aglycone structures on N-glycan processing reactions in the endoplasmic reticulum. <i>Carbohydrate Research</i> , 2017, 439, 16-22.	2.3	3
53	α -Mannosidase-Catalyzed Transglycosylation. <i>ChemBioChem</i> , 2017, 18, 1376-1378.	2.6	14
54	PDI family protein ERp29 recognizes P-domain of molecular chaperone calnexin. <i>Biochemical and Biophysical Research Communications</i> , 2017, 487, 763-767.	2.1	22

#	ARTICLE	IF	CITATIONS
55	Single-particle electron microscopy structure of UDP-glucose:glycoprotein glucosyltransferase suggests a selectivity mechanism for misfolded proteins. <i>Journal of Biological Chemistry</i> , 2017, 292, 11499-11507.	3.4	26
56	Selective Manipulation of Discrete Mannosidase Activities in the Endoplasmic Reticulum by Using Reciprocally Selective Inhibitors. <i>ChemBioChem</i> , 2017, 18, 1027-1035.	2.6	17
57	Synthetic utility of endocyclic cleavage reaction. <i>Pure and Applied Chemistry</i> , 2017, 89, 899-909.	1.9	5
58	Substrate Recognition of Glycoprotein Folding Sensor UGGT Analyzed by Site-Specifically ¹⁵ N-Labeled Glycopeptide and Small Glycopeptide Library Prepared by Parallel Native Chemical Ligation. <i>Journal of the American Chemical Society</i> , 2017, 139, 11421-11426.	13.7	23
59	Reactivation of hyperglycemia-induced hypocretin (HCRT) gene silencing by N-acetyl-d-mannosamine in the orexin neurons derived from human iPS cells. <i>Epigenetics</i> , 2017, 12, 764-778.	2.7	10
60	Mycothiols synthesis by an anomerization reaction through endocyclic cleavage. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 328-333.	2.2	8
61	Hydrophobic Tagged Dihydrofolate Reductase for Creating Misfolded Glycoprotein Mimetics. <i>ChemBioChem</i> , 2016, 17, 300-303.	2.6	12
62	Diastereomeric resolution directed towards chirality determination focussing on gas-phase energetics of coordinated sodium dissociation. <i>Scientific Reports</i> , 2016, 6, 24005.	3.3	7
63	Synthesis of misfolded glycoprotein dimers through native chemical ligation of a dimeric peptide thioester. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 6088-6094.	2.8	7
64	Direct assay for endo- α -mannosidase substrate preference on correctly folded and misfolded model glycoproteins. <i>Carbohydrate Research</i> , 2016, 434, 94-98.	2.3	6
65	Effects of domain composition on catalytic activity of human UDP-glucose:glycoprotein glucosyltransferases. <i>Glycobiology</i> , 2016, 26, 999-1006.	2.5	16
66	Influence of high-mannose glycan whose glucose moiety is substituted with 5-thioglucose on calnexin/calreticulin cycle. <i>RSC Advances</i> , 2016, 6, 76879-76882.	3.6	5
67	Approaches toward High-Mannose-Type Glycan Libraries. <i>Chemical Record</i> , 2016, 16, 35-46.	5.8	9
68	Chemical Approaches to Elucidate Enzymatic Profiles of UDP-Glucose: Glycoprotein Glucosyltransferase. <i>Chemical and Pharmaceutical Bulletin</i> , 2016, 64, 687-690.	1.3	4
69	Chemical synthesis and isolation of UDP-2-deoxy glucose and galactose. <i>Synthetic Communications</i> , 2016, 46, 1790-1795.	2.1	3
70	Non-enzymatic reaction of glycosyl oxazoline with peptides. <i>Carbohydrate Research</i> , 2016, 436, 31-35.	2.3	13
71	Synthesis of Glc ₁ Man ₉ Glycoprotein Probes by a Misfolding/Enzymatic Glucosylation/Misfolding Sequence. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3968-3971.	13.8	15
72	Evaluation of the effect of post-translational modification toward protein structure: Chemical synthesis of glycosyl crambins having either a high mannose-type or a complex-type oligosaccharide. <i>Biopolymers</i> , 2016, 106, 446-452.	2.4	3

#	ARTICLE	IF	CITATIONS
73	Endoplasmic Reticulum (ER)-Targeted, Galectin-Mediated Retrograde Transport by Using a HaloTag Carrier Protein. <i>ChemBioChem</i> , 2016, 17, 630-639.	2.6	4
74	Synthesis of Glc ₁ Man ₉ -Glycoprotein Probes by a Misfolding/Enzymatic Glucosylation/Misfolding Sequence. <i>Angewandte Chemie</i> , 2016, 128, 4036-4039.	2.0	6
75	Encounter with Carbohydrate Chemistry to Amateurish Glycobiology. Yuki Gosei Kagaku Kyokaiishi/ <i>Journal of Synthetic Organic Chemistry</i> , 2016, 74, 206-218.	0.1	2
76	Pradimicin A, a d-mannose-binding antibiotic, binds pyranosides of l-fucose and l-galactose in a calcium-sensitive manner. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 2963-2966.	2.2	5
77	Frontispiece: Construction of a High-Mannose-Type Glycan Library by a Renewed Top-Down Chemo-Enzymatic Approach. <i>Chemistry - A European Journal</i> , 2015, 21, .	3.3	0
78	Functional analysis of endoplasmic reticulum glucosyltransferase (UGGT): Synthetic chemistry's initiative in glycobiology. <i>Seminars in Cell and Developmental Biology</i> , 2015, 41, 90-98.	5.0	46
79	Synthetic study of 3-fluorinated sialic acid derivatives. <i>Carbohydrate Research</i> , 2015, 406, 1-9.	2.3	13
80	N-Glycosylation with Synthetic Undecaprenyl Pyrophosphate-Linked Oligosaccharide to Oligopeptides by PglB Oligosaccharyltransferase from <i>Campylobacter jejuni</i> . <i>ChemBioChem</i> , 2015, 16, 731-737.	2.6	6
81	Construction of a High-Mannose-Type Glycan Library by a Renewed Top-Down Chemo-Enzymatic Approach. <i>Chemistry - A European Journal</i> , 2015, 21, 3224-3233.	3.3	20
82	Chemical Synthesis of Homogeneous Glycoproteins for the Study of Glycoprotein Quality Control System. <i>Israel Journal of Chemistry</i> , 2015, 55, 306-314.	2.3	4
83	The relationship between glycan structures and expression levels of an endoplasmic reticulum-resident glycoprotein, UDP-glucose: glycoprotein glucosyltransferase 1. <i>Biochemical and Biophysical Research Communications</i> , 2015, 462, 58-63.	2.1	5
84	Preparation of asparagine-linked monoglucosylated high-mannose-type oligosaccharide from egg yolk. <i>Carbohydrate Research</i> , 2015, 411, 37-41.	2.3	11
85	Stereoselective synthesis of UDP-2-(2-ketopropyl)galactose aided by di-tert-butylsilylene protecting group. <i>Glycoconjugate Journal</i> , 2015, 32, 541-548.	2.7	1
86	Profiling Aglycon-Recognizing Sites of UDP-glucose:glycoprotein Glucosyltransferase by Means of Squarate-Mediated Labeling. <i>Biochemistry</i> , 2015, 54, 4909-4917.	2.5	20
87	Glycerophospholipid regulation of modality-specific sensory axon guidance in the spinal cord. <i>Science</i> , 2015, 349, 974-977.	12.6	89
88	Cooperative role of calnexin and TigA in <i>Aspergillus oryzae</i> glycoprotein folding. <i>Glycobiology</i> , 2015, 25, 1090-1099.	2.5	5
89	Calreticulin discriminates the proximal region at the N-glycosylation site of Glc1Man9GlcNAc2 ligand. <i>Biochemical and Biophysical Research Communications</i> , 2015, 466, 350-355.	2.1	12
90	C-Mannosylation: Modification on Tryptophan in Cellular Proteins. , 2015, , 1091-1099.		15

#	ARTICLE	IF	CITATIONS
91	Synthetic Approach to Glycoprotein Quality Control System. , 2015, , 305-312.		0
92	Living in the World of "Many Gods" Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 2015, 73, 1061-1061.	0.1	0
93	Functional Analysis of Endoplasmic Reticulum Glucosyltransferase (UGGT) Using Synthetic Glycans. Trends in Glycoscience and Glycotechnology, 2014, 26, 107-118.	0.1	0
94	Measurement of endo- α -mannosidase activity using a fluorescently labeled oligosaccharide derivative. Bioscience, Biotechnology and Biochemistry, 2014, 78, 927-936.	1.3	7
95	Significant Substituent Effect on the Anomerization of Pyranosides: Mechanism of Anomerization and Synthesis of a 1,2- <i>cis</i> - Glucosamine Oligomer from the 1,2- <i>trans</i> - Anomer. Chemistry - A European Journal, 2014, 20, 124-132.	3.3	21
96	Pyranosides with 2,3- <i>trans</i> - Carbamate Groups: Exocyclic or Endocyclic Cleavage Reaction?. Chemical Record, 2014, 14, 502-515.	5.8	4
97	Glycan specificity of a testis-specific lectin chaperone calmeglin and effects of hydrophobic interactions. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 2904-2913.	2.4	10
98	Syntheses of lactosyl ceramide analogues carrying novel bifunctional BODIPY dyes directed towards the differential analysis of multiplexed glycosphingolipids by MS/MS using iTRAQ. Chemical Communications, 2014, 50, 3010-3013.	4.1	15
99	Folding of Synthetic Homogeneous Glycoproteins in the Presence of a Glycoprotein Folding Sensor Enzyme. Angewandte Chemie - International Edition, 2014, 53, 2883-2887.	13.8	38
100	Synthesis of the Highly Glycosylated Hydrophilic Motif of Extensins. Angewandte Chemie - International Edition, 2014, 53, 9812-9816.	13.8	33
101	Glycan structure and site of glycosylation in the ER-resident glycoprotein, uridine 5- α -diphosphate-glucose: glycoprotein glucosyltransferases 1 from rat, porcine, bovine, and human. Biochemical and Biophysical Research Communications, 2014, 451, 356-360.	2.1	8
102	ERADication of EDEM1 occurs by selective autophagy and requires deglycosylation by cytoplasmic peptide N-glycanase. Histochemistry and Cell Biology, 2014, 142, 153-169.	1.7	18
103	Both isoforms of human UDP-glucose:glycoprotein glucosyltransferase are enzymatically active. Glycobiology, 2014, 24, 344-350.	2.5	66
104	PDI family protein ERp29 forms 1:1 complex with lectin chaperone calreticulin. Biochemical and Biophysical Research Communications, 2014, 452, 27-31.	2.1	22
105	Crystal structure of glycoside hydrolase family 127 β -l-arabinofuranosidase from Bifidobacterium longum. Biochemical and Biophysical Research Communications, 2014, 447, 32-37.	2.1	35
106	Trimming of glycosylated N-glycans by human ER α 1,2-mannosidase I. Journal of Biochemistry, 2014, 155, 375-384.	1.7	20
107	The Characteristic Structure of Anti-HIV Actinohivin in Complex with Three HMTG D1 Chains of HIV-1 gp120. ChemBioChem, 2014, 15, 2766-2773.	2.6	11
108	Parallel quantification of lectin-glycan interaction using ultrafiltration. Carbohydrate Research, 2013, 375, 112-117.	2.3	17

#	ARTICLE	IF	CITATIONS
109	Analysis of the Cellular Dynamics of Fluorescently Tagged Glycosphingolipids by Using a Nanoliquid Chromatography-Tandem Mass Spectrometry Platform. <i>Analytical Chemistry</i> , 2013, 85, 8475-8482.	6.5	8
110	Top-Down Chemoenzymatic Approach to a High-Mannose-Type Glycan Library: Synthesis of a Common Precursor and Its Enzymatic Trimming. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7426-7431.	13.8	62
111	Sulfonylcarbamate as a versatile and unique hydroxy-protecting group: a protecting group stable under severe conditions and labile under mild conditions. <i>Chemical Communications</i> , 2013, 49, 8332.	4.1	12
112	Stereoselective synthesis of Arabidopsis CLAVATA3 (CLV3) glycopeptide, unique protein post-translational modifications of secreted peptide hormone in plant. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 5892.	2.8	34
113	Preparation of p-nitrophenyl β -L-arabinofuranoside as a substrate of β -L-arabinofuranosidase. <i>Carbohydrate Research</i> , 2013, 382, 95-100.	2.3	28
114	Stereospecific generation and analysis of α - and β -hemiacetals of monosaccharides in gas phase. <i>Carbohydrate Research</i> , 2013, 382, 43-51.	2.3	5
115	Hafnium(IV) tetratrilate in selective reductive carbohydrate benzylidene acetal opening reaction and direct silylation reaction. <i>Tetrahedron Letters</i> , 2013, 54, 6838-6840.	1.4	8
116	Hafnium(IV) Tetratrilate as a Glycosyl Fluoride Activation Reagent. <i>Journal of Organic Chemistry</i> , 2013, 78, 4568-4572.	3.2	22
117	Diverse Effects of Macromolecular Crowding on the Sequential Glycan Processing Pathway Involved in Glycoprotein Quality Control. <i>ChemBioChem</i> , 2013, 14, 753-758.	2.6	11
118	Development of a diketopiperazine-forming dipeptidyl Gly-Pro spacer for preparation of an antibody-drug conjugate. <i>MedChemComm</i> , 2013, 4, 792.	3.4	19
119	Mannose-Binding Geometry of Pradimicin A. <i>Chemistry - A European Journal</i> , 2013, 19, 10516-10525.	3.3	33
120	Deciphering the Roles of Glycan Processing in Glycoprotein Quality Control through Organic Synthesis. <i>Bioscience, Biotechnology and Biochemistry</i> , 2013, 77, 2331-2338.	1.3	2
121	Critical review of "Public domain application": a flexible drug approval system in Japan. <i>Annals of Oncology</i> , 2013, 24, 1297-1305.	1.2	9
122	Reconstructed glycan profile for evaluation of operating status of the endoplasmic reticulum glycoprotein quality control. <i>Glycobiology</i> , 2013, 23, 121-131.	2.5	17
123	Structure insight of anti-HIV actinohivin in complex with (1,2)mannotriose. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2013, 69, s337-s338.	0.3	0
124	Misfolded Glycoproteins as Probes for Analysis of Folding Sensor Enzyme UDP-Glucose. <i>Trends in Glycoscience and Glycotechnology</i> , 2013, 25, 1-12.	0.1	6
125	Analysis of glycoprotein processing in the endoplasmic reticulum using synthetic oligosaccharides. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2012, 88, 31-40.	3.8	16
126	Synthesis of a fluorescently tagged sialic acid analogue useful for live-cell imaging. <i>Chemical Communications</i> , 2012, 48, 9744.	4.1	10

#	ARTICLE	IF	CITATIONS
127	An improved method for the synthesis of protected glycosyl fluorides from thioglycosides using N,N-diethylaminosulfur trifluoride (DAST). <i>Carbohydrate Research</i> , 2012, 359, 81-91.	2.3	17
128	Biophysical properties of UDP-glucose:glycoprotein glucosyltransferase, a folding sensor enzyme in the ER, delineated by synthetic probes. <i>Biochemical and Biophysical Research Communications</i> , 2012, 426, 504-510.	2.1	22
129	Efficient synthesis of glycopeptide- β -thioesters with a high-mannose type oligosaccharide by means of tert-Boc-solid phase peptide synthesis. <i>Carbohydrate Research</i> , 2012, 364, 41-48.	2.3	38
130	Molecular architecture and therapeutic potential of lectin mimics. <i>Advances in Carbohydrate Chemistry and Biochemistry</i> , 2012, 68, 1-58.	0.9	11
131	Visualizing specific protein glycoforms by transmembrane fluorescence resonance energy transfer. <i>Nature Communications</i> , 2012, 3, 907.	12.8	103
132	Chemical Synthesis of Intentionally Misfolded Homogeneous Glycoprotein: A Unique Approach for the Study of Glycoprotein Quality Control. <i>Journal of the American Chemical Society</i> , 2012, 134, 7238-7241.	13.7	66
133	Carbohydrate-Binding Molecules with Non-Peptidic Skeletons. <i>Trends in Glycoscience and Glycotechnology</i> , 2012, 24, 1-12.	0.1	16
134	Electrochemical generation of 2,3-oxazolidinone glycosyl triflates as an intermediate for stereoselective glycosylation. <i>Beilstein Journal of Organic Chemistry</i> , 2012, 8, 456-460.	2.2	29
135	Synthesis of a Versatile Probe for Analysis of Cytoplasmic Peptide- α -Glycanase. <i>Journal of the Chinese Chemical Society</i> , 2012, 59, 269-272.	1.4	3
136	Chemoenzymatic Synthesis of Hydrophobic Glycoprotein: Synthesis of Saposin C Carrying Complex-Type Carbohydrate. <i>Journal of Organic Chemistry</i> , 2012, 77, 9437-9446.	3.2	61
137	Solid-state NMR analysis of calcium and d-mannose binding of BMY-28864, a water-soluble analogue of pradimicin A. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 1040-1043.	2.2	11
138	Facile construction of 1,2-cis glucosidic linkage using sequential oxidation-reduction route for synthesis of an ER processing β -glucosidase I substrate. <i>Tetrahedron Letters</i> , 2012, 53, 4452-4456.	1.4	9
139	In vitro mannose trimming property of human ER β -1,2 mannosidase I. <i>Glycoconjugate Journal</i> , 2012, 29, 35-45.	2.7	34
140	Accelerated O-Glycosylation under Frozen Conditions and Its Application to the Synthesis of Complex Glycans. <i>Trends in Glycoscience and Glycotechnology</i> , 2012, 24, 179-189.	0.1	5
141	Intramolecular Aglycon Delivery and Its Application to Stereoselective Synthesis of Glycans. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2012, 70, 382-394.	0.1	9
142	Fluorescence-monitored zero dead-volume nanoLC-microESI-QIT-TOF MS for analysis of fluorescently tagged glycosphingolipids. <i>Analyst</i> , The, 2011, 136, 1046-1050.	3.5	13
143	Synthesis of Docosasaccharide Arabinan Motif of Mycobacterial Cell Wall. <i>Journal of the American Chemical Society</i> , 2011, 133, 2275-2291.	13.7	100
144	Synthesis of Biantennary Complex-Type Nonasaccharyl Asn Building Blocks for Solid-Phase Glycopeptide Synthesis. <i>Journal of Organic Chemistry</i> , 2011, 76, 5229-5239.	3.2	24

#	ARTICLE	IF	CITATIONS
145	Glycosyl Sulfonium Ions as Storable Intermediates for Glycosylations. <i>Organic Letters</i> , 2011, 13, 1544-1547.	4.6	60
146	Radical C-glycosylation reaction of pyranosides with the 2,3-trans carbamate group. <i>Chemical Communications</i> , 2011, 47, 9720.	4.1	19
147	Endocyclic Cleavage in Glycosides with 2,3-trans Cyclic Protecting Groups. <i>Journal of the American Chemical Society</i> , 2011, 133, 5610-5619.	13.7	62
148	Mapping of the Primary Mannose Binding Site of Pradimicin A. <i>Journal of the American Chemical Society</i> , 2011, 133, 17485-17493.	13.7	42
149	Synthetic Study and Structural Analysis of the Antifreeze Agent Xylomannan from <i>Upis ceramboides</i> . <i>Journal of the American Chemical Society</i> , 2011, 133, 19524-19535.	13.7	46
150	Molecular diversity of the two sugar-binding sites of the Î ² -trefoil lectin HA33/C (HA1) from <i>Clostridium botulinum</i> type C neurotoxin. <i>Archives of Biochemistry and Biophysics</i> , 2011, 512, 69-77.	3.0	27
151	Efficient preparation of Fmoc-aminoacyl-N-ethylcysteine unit, a key device for the synthesis of peptide thioesters. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 6807.	2.8	23
152	Substituent effects in endocyclic cleavage-recyclization anomerization reaction of pyranosides. <i>Tetrahedron</i> , 2011, 67, 9966-9974.	1.9	18
153	High-throughput recombinant gene expression systems in <i>Pichia pastoris</i> using newly developed plasmid vectors. <i>Plasmid</i> , 2011, 65, 65-69.	1.4	23
154	A Potent and Broad Neutralizing Antibody Recognizes and Penetrates the HIV Glycan Shield. <i>Science</i> , 2011, 334, 1097-1103.	12.6	644
155	Heterologous expression and characterization of processing Î±-glucosidase I from <i>Aspergillus brasiliensis</i> ATCC 9642. <i>Glycoconjugate Journal</i> , 2011, 28, 563-571.	2.7	16
156	Multi-stage mass spectrometric information obtained by deconvolution of energy-resolved spectra acquired by triple quadrupole mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 1617-1624.	1.5	2
157	N-Benzyl-2,3-trans-Carbamate-Bearing Glycosyl Donors for 1,2-cis-Selective Glycosylation Reactions. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 497-516.	2.4	31
158	Solid-State NMR Spectroscopic Analysis of the Ca ²⁺ -Dependent Mannose Binding of Pradimicin A. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6084-6088.	13.8	28
159	Magnetic beads-assisted mild enrichment procedure for weak-binding lectins. <i>Analytical Biochemistry</i> , 2011, 411, 50-57.	2.4	1
160	Synthesis of pseudaminic acid, a unique nonulopyranoside derived from pathogenic bacteria through 6-deoxy-AltDiac. <i>Tetrahedron Letters</i> , 2011, 52, 418-421.	1.4	29
161	Heterologous Expression, Purification, and Characterization of an Î±-Mannosidase Belonging to Glycoside Hydrolase Family 99 of <i>Shewanella amazonensis</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2011, 75, 797-799.	1.3	10
162	Synthesis and binding analysis of unique AG2 pentasaccharide to human Siglec-2 using NMR techniques. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 3720-3725.	3.0	14

#	ARTICLE	IF	CITATIONS
163	High-pressure-promoted Fmoc-aminoacylation of N-ethylcysteine: preparation of key devices for the solid-phase synthesis of peptide thioesters. <i>Tetrahedron Letters</i> , 2010, 51, 407-410.	1.4	17
164	Effects of frozen conditions on stereoselectivity and velocity of O-glycosylation reactions. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 3687-3695.	3.0	13
165	The action of bromoconduritol on ER glucosidase II. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 5357-5359.	2.2	15
166	My Stroll in the Backyard of Carbohydrate Chemistry. <i>Trends in Glycoscience and Glycotechnology</i> , 2010, 22, 119-140.	0.1	7
167	C-Mannosylated peptides derived from the thrombospondin type 1 repeat interact with Hsc70 to modulate its signaling in RAW264.7 cells. <i>Glycobiology</i> , 2010, 20, 1298-1310.	2.5	29
168	The sugar-binding ability of human OS-9 and its involvement in ER-associated degradation. <i>Glycobiology</i> , 2010, 20, 310-321.	2.5	61
169	Recent advances in stereoselective glycosylation through intramolecular aglycon delivery. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 3596.	2.8	162
170	Phosphatidylglucoside Forms Specific Lipid Domains on the Outer Leaflet of the Plasma Membrane. <i>Biochemistry</i> , 2010, 49, 4732-4739.	2.5	37
171	Promiscuous activity of ER glucosidase II discovered through donor specificity analysis of UGGT. <i>Biochemical and Biophysical Research Communications</i> , 2010, 403, 322-328.	2.1	16
172	In vivo imaging of endoplasmic reticulum and distribution of mutant α -amylase in <i>Aspergillus oryzae</i> . <i>Fungal Genetics and Biology</i> , 2010, 47, 1044-1054.	2.1	26
173	Evidence for an Essential Deglycosylation-Independent Activity of PNGase in <i>Drosophila melanogaster</i> . <i>PLoS ONE</i> , 2010, 5, e10545.	2.5	44
174	Development of highly efficient and stereocontrolled <i>O</i> -glycosylation methodologies and its application to the construction of bacterial glycans. <i>Trends in Glycoscience and Glycotechnology</i> , 2009, 21, 266-289.	0.1	22
175	Sugar-binding activity of the MRH domain in the ER α -glucosidase II α subunit is important for efficient glucose trimming. <i>Glycobiology</i> , 2009, 19, 1127-1135.	2.5	50
176	Mechanism by which the lectin actinohivin blocks HIV infection of target cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 15633-15638.	7.1	67
177	Establishment of a real-time analytical method for free oligosaccharide transport from the ER to the cytosol. <i>Glycobiology</i> , 2009, 19, 987-994.	2.5	21
178	Genetic analysis of glucosidase II β -subunit in trimming of high-mannose-type glycans. <i>Glycobiology</i> , 2009, 19, 834-840.	2.5	43
179	α - and β -Glycosyl Sulfonium Ions: Generation and Reactivity. <i>Chemistry - A European Journal</i> , 2009, 15, 2252-2255.	3.3	70
180	Evidence for Endocyclic Cleavage of Conformationally Restricted Glycopyranosides. <i>Chemistry - A European Journal</i> , 2009, 15, 6894-6901.	3.3	51

#	ARTICLE	IF	CITATIONS
181	Low-Barrier Pathway for <i>endo</i> -Cleavage Induced Anomerization of Pyranosides with <i>N</i> -Benzyl-2,3-trans-Oxazolidinone Groups. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 1127-1131.	2.4	23
182	Silylene/Oxazolidinone Double-Locked Sialic Acid Building Blocks for Efficient Sialylation Reactions in Dichloromethane. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 4215-4220.	2.4	38
183	Synthesis of undecaprenyl pyrophosphate-linked glycans as donor substrates for bacterial protein N-glycosylation. <i>Tetrahedron</i> , 2009, 65, 6310-6319.	1.9	21
184	Synthesis of the starfish ganglioside AG2 pentasaccharide. <i>Tetrahedron Letters</i> , 2009, 50, 6150-6153.	1.4	26
185	Systematic synthesis and inhibitory activity of haloacetamidyl oligosaccharide derivatives toward cytoplasmic peptide:N-glycanase. <i>Glycoconjugate Journal</i> , 2009, 26, 133-140.	2.7	10
186	Significant solvent effect in anomerization reaction of pyranosides with 2,3-trans carbamate and carbonate. <i>Tetrahedron Letters</i> , 2009, 50, 4827-4829.	1.4	18
187	Chemical approaches toward understanding glycan-mediated protein quality control. <i>Current Opinion in Chemical Biology</i> , 2009, 13, 582-591.	6.1	52
188	The Recognition Motif of the Glycoprotein-Folding Sensor Enzyme UDP-Glc:Glycoprotein Glucosyltransferase. <i>Biochemistry</i> , 2009, 48, 2933-2940.	2.5	109
189	Fabrication of Living Cell Structure Utilizing Electro-Static Inkjet Phenomena. , 2009, , .		0
190	Lipid rafts enriched in phosphatidylglucoside direct astroglial differentiation by regulating tyrosine kinase activity of epidermal growth factor receptors. <i>Biochemical Journal</i> , 2009, 419, 565-575.	3.7	44
191	Reductive deprotection of propargyl ether by a SmI ₂ -amine-water system and its application to polymer-supported oligosaccharide synthesis. <i>Tetrahedron Letters</i> , 2008, 49, 5159-5161.	1.4	20
192	NAP Ether Mediated Intramolecular Aglycon Delivery: A Unified Strategy for 1,2-cis-Glycosylation. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 4250-4263.	2.4	81
193	Syntheses of phosphatidyl- β -d-glucoside analogues to probe antigen selectivity of monoclonal antibody α -DIM21 TM . <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 7210-7217.	3.0	32
194	Dual-gradient high-performance liquid chromatography for identification of cytosolic high-mannose-type free glycans. <i>Analytical Biochemistry</i> , 2008, 381, 224-232.	2.4	28
195	Synergistic solvent effect in 1,2-cis-glycoside formation. <i>Tetrahedron</i> , 2008, 64, 92-102.	1.9	72
196	First synthesis of natural phosphatidyl- β -d-glucoside. <i>Tetrahedron Letters</i> , 2008, 49, 3562-3566.	1.4	31
197	Analysis of the sugar-binding specificity of mannose-binding-type Jacalin-related lectins by frontal affinity chromatography – an approach to functional classification. <i>FEBS Journal</i> , 2008, 275, 1227-1239.	4.7	41
198	Piccolo regulates dopamine transporter internalization via PIP2. <i>Molecular Psychiatry</i> , 2008, 13, 349-349.	7.9	4

#	ARTICLE	IF	CITATIONS
199	Stereoselective Synthesis of $\hat{1}^2$ -manno-Glycosides. , 2008, , 1279-1312.		8
200	Endoplasmic Reticulum Glucosidase II Is Inhibited by Its End Products. <i>Biochemistry</i> , 2008, 47, 10970-10980.	2.5	21
201	Effects of Macromolecular Crowding on Glycoprotein Processing Enzymes. <i>Journal of the American Chemical Society</i> , 2008, 130, 2101-2107.	13.7	85
202	Stereoselective Synthesis of $\hat{1}^2$ -Rhamnopyranosides. <i>Journal of the American Chemical Society</i> , 2008, 130, 6330-6331.	13.7	62
203	Structural and mutational studies on the importance of oligosaccharide binding for the activity of yeast PNGase. <i>Glycobiology</i> , 2008, 19, 118-125.	2.5	28
204	The First Synthesis of N-Man-Trp: Alternative Mannosylation Modification of Protein. <i>Synlett</i> , 2008, 2008, 880-882.	1.8	7
205	Optimizing Glycosylation Reaction Selectivities by Protecting Group Manipulation. <i>Current Bioactive Compounds</i> , 2008, 4, 258-281.	0.5	29
206	The sugar-binding ability of ERGIC-53 is enhanced by its interaction with MCFD2. <i>Blood</i> , 2008, 111, 1972-1979.	1.4	54
207	Phenyl 2-amino- <i>N</i> ,6- <i>O</i> -dibenzyl-2,3- <i>N</i> , <i>O</i> -carbonyl-2-deoxy-1-thio- $\hat{1}^2$ - <i>D</i> -glucopyranoside. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1868-o1868.		6
208	Development of Novel Glycosyl Donors for 1,2- <i>cis</i> Glycosylation Reaction for Amino Sugar and Synthesis of anti- <i>Helicobacter pylori</i> Oligosaccharide. <i>Trends in Glycoscience and Glycotechnology</i> , 2008, 20, 187-202.	0.1	10
209	Rapid Synthesis of Oligosaccharides: Resin Capture-Release Strategy. , 2008, , 210-216.		0
210	C-Mannosylated peptides derived from the thrombospondin type 1 repeat enhance lipopolysaccharide-induced signaling in macrophage-like RAW264.7 cells. <i>Glycobiology</i> , 2007, 17, 1015-1028.	2.5	29
211	Fluorescently labeled inhibitor for profiling cytoplasmic peptide:N-glycanase. <i>Glycobiology</i> , 2007, 17, 1070-1076.	2.5	31
212	VIPL has sugar-binding activity specific for high-mannose-type N-glycans, and glucosylation of the $\hat{1}\pm 1,2$ mannosyl branch blocks its binding. <i>Glycobiology</i> , 2007, 17, 1061-1069.	2.5	20
213	Subcellular Localization and Physiological Significance of Intracellular Mannan-binding Protein. <i>Journal of Biological Chemistry</i> , 2007, 282, 17908-17920.	3.4	25
214	Analysis of ER-associated glycoprotein degradation using synthetic glycopeptide probes. <i>Biochemical and Biophysical Research Communications</i> , 2007, 360, 357-362.	2.1	15
215	Analyses of carbohydrate binding property of lectin-chaperone calreticulin. <i>Biochemical and Biophysical Research Communications</i> , 2007, 364, 332-337.	2.1	27
216	Identification and Characterization of an Intracellular Lectin, Calnexin, from <i>Aspergillus oryzae</i> Using <i>N</i> -Glycan-Conjugated Beads. <i>Bioscience, Biotechnology and Biochemistry</i> , 2007, 71, 2688-2696.	1.3	19

#	ARTICLE	IF	CITATIONS
217	Polymer-supported oligosaccharide synthesis using ultrafiltration methodology. <i>Chemical Communications</i> , 2007, , 3673.	4.1	4
218	Synthesis of a Natural Oligosaccharide Antibiotic Active against <i>Helicobacter pylori</i> . <i>Journal of Organic Chemistry</i> , 2007, 72, 6107-6115.	3.2	51
219	Polymer-Supported Oligosaccharide Synthesis. , 2007, , 335-378.		3
220	Synthesis of N-linked glycan derived from Gram-negative bacterium, <i>Campylobacter jejuni</i> . <i>Tetrahedron</i> , 2007, 63, 8181-8198.	1.9	29
221	Facile peptide thioester synthesis via solution-phase tosylamide preparation. <i>Tetrahedron Letters</i> , 2007, 48, 849-853.	1.4	19
222	Facile preparation of N-acylsulfonamides by using sulfonyl isocyanate. <i>Tetrahedron Letters</i> , 2007, 48, 787-789.	1.4	12
223	Concise syntheses of immunostimulating glycolipids, $\hat{\pm}$ -galactosyl ceramides. <i>Tetrahedron Letters</i> , 2007, 48, 5513-5516.	1.4	20
224	Synthesis of complex-type glycans derived from parasitic helminths. <i>Carbohydrate Research</i> , 2007, 342, 675-695.	2.3	19
225	Sensitivity of phosphatidylglucoside against phospholipases. <i>Analytical Biochemistry</i> , 2007, 365, 149-151.	2.4	6
226	S-Phenyl 4,6-O-benzylidene-2,3-O-carbonyl-1-thia- $\hat{\pm}$ -D-mannopyranoside. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o3028-o3028.	0.2	1
227	Glycolipids with nonreducing end $\hat{\pm}$ -mannosyl residues that have the potential to activate invariant $V\hat{\pm}19$ NKT cells. <i>FEBS Journal</i> , 2007, 274, 2921-2932.	4.7	12
228	C-Mannosyl Tryptophan: From Chemistry to Cell Biology. , 2007, , 229-248.		0
229	N-Benzyl-2,3-oxazolidinone as a Glycosyl Donor for Selective $\hat{\pm}$ -Glycosylation and One-Pot Oligosaccharide Synthesis Involving 1,2-cis-Glycosylation. <i>Journal of the American Chemical Society</i> , 2006, 128, 10666-10667.	13.7	141
230	Structural Characterization of Glycopeptides by N-terminal Protein Ladder Sequencing. <i>Analytical Chemistry</i> , 2006, 78, 2239-2243.	6.5	13
231	Exploration of oligosaccharide-protein interactions in glycoprotein quality control by synthetic approaches. <i>Chemical Record</i> , 2006, 6, 290-302.	5.8	2
232	High-mannose-type glycan modifications of dihydrofolate reductase using glycan methotrexate conjugates. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 5220-5229.	3.0	35
233	Synthesis of complex-type glycans derived from parasitic helminths. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 928-933.	2.2	12
234	Synthesis of asparagine-linked bacillosamine. <i>Carbohydrate Research</i> , 2006, 341, 1922-1929.	2.3	21

#	ARTICLE	IF	CITATIONS
235	Synthesis and TNF- α inducing activities of mycoloyl-arabinan motif of mycobacterial cell wall components. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 3049-3061.	3.0	43
236	Comprehensive synthesis of ER related high-mannose-type sugar chains by convergent strategy. <i>Tetrahedron</i> , 2006, 62, 8262-8277.	1.9	76
237	Dodeca-CLE Peptides as Suppressors of Plant Stem Cell Differentiation. <i>Science</i> , 2006, 313, 842-845.	12.6	567
238	Facile Synthesis of Oligosaccharide Probes for the Analysis of Protein-Carbohydrate Interactions. <i>Chemistry - an Asian Journal</i> , 2006, 1, 64-75.	3.3	11
239	A stereoselective 1,2-cis glycosylation toward the synthesis of a novel N-linked glycan from the Gram-negative bacterium, <i>Campylobacter jejuni</i> . <i>Carbohydrate Research</i> , 2006, 341, 1557-1573.	2.3	32
240	Systematic Synthesis of Bisubstrate-Type Inhibitors of N-Acetylglucosaminyltransferases. <i>Chemistry - A European Journal</i> , 2006, 12, 3449-3462.	3.3	29
241	Stereoselective Synthesis of a Fragment of Mycobacterial Arabinan. <i>Organic Letters</i> , 2006, 8, 5525-5528.	4.6	113
242	Site-specific Labeling of Cytoplasmic Peptide:N-Glycanase by N,N ² -Diacetylchitobiose-related Compounds. <i>Journal of Biological Chemistry</i> , 2006, 281, 22152-22160.	3.4	34
243	Detection of Weak Sugar Binding Activity of VIP36 using VIP36-streptavidin Complex and Membrane-based Sugar Chains. <i>Journal of Biochemistry</i> , 2006, 141, 221-229.	1.7	28
244	Substrate Specificity Analysis of Endoplasmic Reticulum Glucosidase II Using Synthetic High Mannose-type Glycans. <i>Journal of Biological Chemistry</i> , 2006, 281, 31502-31508.	3.4	88
245	Functional Analysis of Glycoprotein Oligosaccharide through Synthetic Organic Chemistry. Yuki Gosei Kagaku Kyokaiishi/ <i>Journal of Synthetic Organic Chemistry</i> , 2006, 64, 492-501.	0.1	1
246	Substrate Specificity Analysis of Endoplasmic Reticulum Glucosidase II Using Synthetic High Mannose-type Glycans. <i>Journal of Biological Chemistry</i> , 2006, 281, 31502-31508.	3.4	30
247	High throughput screening of O-glycosylation conditions. <i>Tetrahedron Letters</i> , 2005, 46, 3521-3524.	1.4	23
248	First chemical synthesis of triglycosylated tetradecasaccharide (Glc3Man9GlcNAc2), a common precursor of asparagine-linked oligosaccharides. <i>Tetrahedron Letters</i> , 2005, 46, 4197-4200.	1.4	32
249	Comparative analysis of carbohydrate-binding properties of two tandem repeat-type Jacalin-related lectins, <i>Castanea crenata</i> agglutinin and <i>Cycas revoluta</i> leaf lectin. <i>FEBS Journal</i> , 2005, 272, 2784-2799.	4.7	63
250	Structural approaches to the study of oligosaccharides in glycoprotein quality control. <i>Current Opinion in Structural Biology</i> , 2005, 15, 481-489.	5.7	61
251	Divergent Synthesis of Sialylated Glycan Chains: Combined Use of Polymer Support, Resin Capture-Release, and Chemoenzymatic Strategies. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 4218-4224.	13.8	57
252	Synthetic Substrates for an Endoplasmic Reticulum Protein-Folding Sensor, UDP-Glucose: Glycoprotein Glucosyltransferase. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 7950-7954.	13.8	91

#	ARTICLE	IF	CITATIONS
253	Design and Synthesis of Oligosaccharides that Interfere with Glycoprotein Quality-control systems. <i>ChemBioChem</i> , 2005, 6, 2281-2289.	2.6	28
254	Excitatory and Inhibitory Neural Control of Airway Smooth Muscles and a Braking System for Airway Constriction. <i>Neurophysiology</i> , 2005, 37, 73-75.	0.3	0
255	Synthesis and Application of Novel Sugar Chain Molecular Probe "Glycan-MTX". <i>Trends in Glycoscience and Glycotechnology</i> , 2005, 17, 121-130.	0.1	4
256	Sugar-binding Properties of VIP36, an Intracellular Animal Lectin Operating as a Cargo Receptor. <i>Journal of Biological Chemistry</i> , 2005, 280, 37178-37182.	3.4	80
257	Increased expression of protein C-mannosylation in the aortic vessels of diabetic Zucker rats. <i>Glycobiology</i> , 2005, 15, 383-392.	2.5	35
258	Thermodynamic Analysis of Interactions between N-Linked Sugar Chains and F-Box Protein Fbs1. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 3126-3129.	6.4	38
259	Chemical Synthesis of Asparagine-Linked Glycoprotein Oligosaccharides: Recent Examples. , 2005, , 253-280.		0
260	Systematic Synthesis of ER Related N-Glycans Using Convergent Strategy. <i>Trends in Glycoscience and Glycotechnology</i> , 2005, 17, 85-95.	0.1	8
261	N-Acetylglucosaminyltransferase IX Acts on the GlcNAc ² 1,2-Man ¹ ±1-Ser/Thr Moiety, Forming a 2,6-Branched Structure in Brain O-Mannosyl Glycan. <i>Journal of Biological Chemistry</i> , 2004, 279, 2337-2340.	3.4	90
262	Synthesis of glycoprotein molecular probes for the analyses of protein quality control system. <i>Glycoconjugate Journal</i> , 2004, 21, 69-74.	2.7	11
263	Synthesis of fluorine substituted oligosaccharide analogues of monoglucosylated glycan chain, a proposed ligand of lectin-chaperone calreticulin and calnexin. <i>Glycoconjugate Journal</i> , 2004, 21, 257-266.	2.7	25
264	Approaches to intramolecular sialylation. 3. Synthesis of 2,4-dimethoxybenzyl ester of per-O-acetylated N-acetylneuraminic acid thioglycoside and its attempted oxidation with DDQ in the presence of nucleophiles. <i>Russian Chemical Bulletin</i> , 2004, 53, 254-258.	1.5	4
265	Synthesis of a Bisubstrate-Type Inhibitor of N-Acetylglucosaminyltransferases. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5674-5677.	13.8	17
266	The Novel Glycoprotein Structure: C-Mannosyl Tryptophan. <i>ChemInform</i> , 2004, 35, no.	0.0	0
267	Accelerated glycosylation under frozen conditions. <i>Tetrahedron Letters</i> , 2004, 45, 3929-3932.	1.4	32
268	Tight binding ligand approach to oligosaccharide-grafted protein. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 2285-2289.	2.2	24
269	Organic Synthesis and Glycobiology. <i>Nippon Nogeikagaku Kaishi</i> , 2004, 78, 1158-1159.	0.0	0
270	Title is missing!. <i>Russian Chemical Bulletin</i> , 2003, 52, 1442-1446.	1.5	4

#	ARTICLE	IF	CITATIONS
271	Total Synthesis of Mannosyl Tryptophan and Its Derivatives. <i>Chemistry - A European Journal</i> , 2003, 9, 1435-1447.	3.3	68
272	Pentafluoropropionyl and trifluoroacetyl groups for temporary hydroxyl group protection in oligomannoside synthesis. <i>Carbohydrate Research</i> , 2003, 338, 1073-1081.	2.3	44
273	Synthesis of an octamannosylated glycan chain, the key oligosaccharide structure in ER-associated degradation. <i>Carbohydrate Research</i> , 2003, 338, 2163-2168.	2.3	44
274	Chemoselective peptide bond formation using formyl-substituted nitrophenylthio ester. <i>Tetrahedron Letters</i> , 2003, 44, 3187-3190.	1.4	17
275	A novel method for the formation of N-glycosides using hydroxamate. <i>Tetrahedron Letters</i> , 2003, 44, 2853-2856.	1.4	13
276	Synthesis of Monoglucosylated High-Mannose-Type Dodecasaccharide, a Putative Ligand for Molecular Chaperone, Calnexin, and Calreticulin. <i>Journal of the American Chemical Society</i> , 2003, 125, 3402-3403.	13.7	135
277	Systematic Syntheses and Inhibitory Activities of Bisubstrate-Type Inhibitors of Sialyltransferases. <i>Journal of Organic Chemistry</i> , 2003, 68, 5602-5613.	3.2	33
278	Preparation of Sialyl Donors Carrying Functionalized Ester Substituents: Effects on the Selectivity of Glycosylation. <i>Synlett</i> , 2003, 2003, 1339.	1.8	8
279	Title is missing!. <i>Nippon Nogeikagaku Kaishi</i> , 2003, 77, 983-987.	0.0	0
280	The Novel Glycoprotein Structure; C-Mannosyl Tryptophan. <i>Trends in Glycoscience and Glycotechnology</i> , 2003, 15, 181-196.	0.1	5
281	Synthesis of Core-class 2O-Linked Glycopeptides: a Benzyl-protected Tetrasaccharyl Serine and its Derivative Carrying a Hydrophobic Cholestanyl Group. <i>Bioscience, Biotechnology and Biochemistry</i> , 2002, 66, 1904-1914.	1.3	11
282	An Expedient Route to GlcNAc-Cbz-Asn by Chemo-enzymatic Synthesis. <i>Synlett</i> , 2002, 2002, 0057-0060.	1.8	3
283	Synthesis of N-Linked Glycosyl Asparagine Derivatives with Unprotected Sugar Components. <i>Synlett</i> , 2002, 2002, 0634-0636.	1.8	17
284	On-Resin Real-Time Reaction Monitoring of Solid-Phase Oligosaccharide Synthesis. <i>Journal of the American Chemical Society</i> , 2002, 124, 12638-12639.	13.7	52
285	Silyl Linker-based Approach to the Solid-phase Synthesis of Fmoc Glycopeptide Thioesters. <i>Bioscience, Biotechnology and Biochemistry</i> , 2002, 66, 225-232.	1.3	17
286	Novel substrates for efficient enzymatic transglycosylation by <i>Bacillus circulans</i> . <i>Canadian Journal of Chemistry</i> , 2002, 80, 1174-1185.	1.1	7
287	Tag-Reporter and Resin Capture-Release Strategy in Oligosaccharide Synthesis. <i>Chemistry - A European Journal</i> , 2002, 8, 3076.	3.3	28
288	Preparation of Glycosylated Amino Acid Derivatives for Glycoprotein Synthesis by In Vitro Translation System. <i>Bioorganic and Medicinal Chemistry</i> , 2002, 10, 573-581.	3.0	14

#	ARTICLE	IF	CITATIONS
289	Combination of silyl carbamate and amino acid fluoride for solid-phase peptide synthesis. <i>Tetrahedron Letters</i> , 2002, 43, 1515-1518.	1.4	18
290	Desilylation under high pressure. <i>Tetrahedron Letters</i> , 2002, 43, 3273-3275.	1.4	38
291	Synthesis of mucin-type glycopeptide (Î² hCG 130â€“145) by on-resin fragment condensation of the glycopeptide segments carrying unmasked oligosaccharides. <i>Tetrahedron Letters</i> , 2002, 43, 3297-3300.	1.4	21
292	Corrigendum to “Combination of silyl carbamate and amino acid fluoride for solid phase peptide synthesis” <i>Tetrahedron Letters</i> , 2002, 43, 4411.	1.4	1
293	Bisubstrate-type inhibitor of sialyltransferases. <i>Tetrahedron Letters</i> , 2002, 43, 9147-9150.	1.4	11
294	E3 ubiquitin ligase that recognizes sugar chains. <i>Nature</i> , 2002, 418, 438-442.	27.8	341
295	New Allyl Ester Linker and Solid-phase Block Synthesis of the Serglycin Core Region. <i>Bioscience, Biotechnology and Biochemistry</i> , 2001, 65, 1358-1368.	1.3	9
296	Tag-Reporter Strategy for Facile Oligosaccharide Synthesis on Polymer Support. <i>Journal of the American Chemical Society</i> , 2001, 123, 3848-3849.	13.7	77
297	Demonstration of the pH Sensitive Binding of Multivalent Carbohydrate Ligands to Immobilized Shiga-Like Toxin 1 B Subunits. <i>Journal of Biochemistry</i> , 2001, 130, 665-670.	1.7	8
298	Wang Resin-Type Linker Containing a Nitro Group for Polymer Support Oligosaccharide Synthesis: Polymer-Supported Glycosyl Donor.. <i>Chemical and Pharmaceutical Bulletin</i> , 2001, 49, 1234-1235.	1.3	17
299	Î²-Galactosidase-catalyzed intramolecular transglycosylation. <i>Tetrahedron Letters</i> , 2001, 42, 8501-8505.	1.4	9
300	On the mechanism of p-methoxybenzylidene assisted intramolecular aglycon delivery. <i>Tetrahedron</i> , 2001, 57, 4123-4132.	1.9	33
301	A new method for formacetal linkage formation: protection of alcohols, phenols and carboxylic acids. <i>Tetrahedron Letters</i> , 2001, 42, 2501-2504.	1.4	21
302	Synthesis of the extracellular Ig domain I of Emmprin carrying a chitobiose unit. <i>Tetrahedron Letters</i> , 2001, 42, 3001-3004.	1.4	29
303	Solid-Phase Capture-Release Strategy Applied to Oligosaccharide Synthesis on a Soluble Polymer Support. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 4725-4728.	13.8	54
304	Acute and chronic intracerebroventricular morphine infusions affect long-term potentiation differently in the lateral perforant path. <i>Pharmacology Biochemistry and Behavior</i> , 2001, 70, 353-358.	2.9	30
305	Stereoselective Synthesis of Å-manno Glycosides. , 2001, , 1589-1619.		5
306	Stereoselective Synthesis of Î²-manno Glycosides. , 2001, , 1589-1619.		6

#	ARTICLE	IF	CITATIONS
307	Synthesis of an α -(2,3)-Sialylated, Complex-Type Undecasaccharide. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 531-534.	13.8	56
308	Synthesis of a novel asparagine-linked heptasaccharide structure via p-methoxybenzyl-assisted β -mannosylation. <i>Carbohydrate Research</i> , 2000, 328, 263-276.	2.3	29
309	Solid-phase synthesis of the glycopeptide of human glycoporphin AM bearing the consecutive sialyl-T antigen. <i>Carbohydrate Research</i> , 2000, 329, 773-780.	2.3	17
310	An efficient access to protected disialylated glycohexaosyl threonine present on the leukosialin of activated T-lymphocytes. <i>Carbohydrate Research</i> , 2000, 325, 132-142.	2.3	17
311	Solid-phase synthesis of serglycin glycopeptides on a new allyl ester linker. <i>Tetrahedron Letters</i> , 2000, 41, 6489-6493.	1.4	15
312	Amino acid fluoride for glycopeptide synthesis. <i>Tetrahedron Letters</i> , 2000, 41, 1039-1042.	1.4	10
313	A Facile Silyl Linker Strategy for the Solid-Phase Synthesis of Protected Glycopeptide: Synthesis of an N-Terminal Fragment of IL-2 (β -10). <i>Tetrahedron</i> , 2000, 56, 6235-6243.	1.9	16
314	Syntheses of α -dystroglycan derived glycosyl amino acids carrying a novel mannosyl serine/threonine linkage. <i>Glycoconjugate Journal</i> , 2000, 17, 407-423.	2.7	18
315	Synthesis of N-linked pentasaccharides with isomeric glycosidic linkage. <i>Glycoconjugate Journal</i> , 2000, 17, 361-375.	2.7	13
316	Novel Nitro Wang Type Linker for Polymer Support Oligosaccharide Synthesis; Polymer Supported Acceptor. <i>Synlett</i> , 2000, 2000, 1241-1244.	1.8	3
317	The prostaglandin E series modulates high-voltage-activated calcium channels probably through the EP3 receptor in rat paratracheal ganglia. <i>Neuropharmacology</i> , 2000, 39, 181-190.	4.1	22
318	Synthesis of an α -(2,3)-Sialylated, Complex-Type Undecasaccharide. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 531-534.	13.8	12
319	Design and synthesis of silyl ether-based linker for solid-phase synthesis of glycopeptides. <i>Tetrahedron Letters</i> , 1999, 40, 515-518.	1.4	28
320	The first total synthesis of the core class II disialylated hexasaccharide as a building block for glycopeptide synthesis. <i>Tetrahedron Letters</i> , 1999, 40, 3769-3772.	1.4	15
321	Syntheses of α -dystroglycan derived sialylated glycosyl amino acids carrying a novel mannosyl serine/threonine linkage. <i>Tetrahedron Letters</i> , 1999, 40, 6803-6807.	1.4	31
322	A novel silyl linker: Motif for side chain tethered approach to solid-phase glycopeptide synthesis. <i>Tetrahedron</i> , 1999, 55, 11253-11266.	1.9	26
323	A Novel and Efficient Route towards β -GalNAc-Ser and β -GalNAc-Thr Building Blocks for Glycopeptide Synthesis. <i>European Journal of Organic Chemistry</i> , 1999, 1999, 1167-1171.	2.4	58
324	On the Stereochemistry of Tethered Intermediates in p-Methoxybenzyl-Assisted β -Mannosylation. <i>European Journal of Organic Chemistry</i> , 1999, 1999, 1367-1376.	2.4	54

#	ARTICLE	IF	CITATIONS
325	Total Synthesis of Novel Subclass of Glyco-amino Acid Structure Motif: α -C2- β -l-C-Mannosylpyranosyl-l-tryptophan. <i>Journal of the American Chemical Society</i> , 1999, 121, 9754-9755.	13.7	72
326	Comparative study of survival signal withdrawal- and 4-hydroxynonenal-induced cell death in cerebellar granule cells. <i>Neuroscience Research</i> , 1999, 35, 321-327.	1.9	46
327	Characterization of quinolone antibacterial-induced convulsions and increases in nuclear AP-1 DNA- and CRE-binding activities in mouse brain. <i>Neuropharmacology</i> , 1999, 38, 717-723.	4.1	12
328	Synthetic study on a novel Asn-linked core structure: synthesis of a pentasaccharide β -d-Man-(1 \rightarrow 3)-[β -d-Man-(1 \rightarrow 6)]- β -d-Man-(1 \rightarrow 4)-[β -d-GlcNAc-(1 \rightarrow 6)]- β -d-GlcNAc-OMp11Mp=p-meth. <i>Carbohydrate Research</i> , 1998, 306, 539-544.		
329	Solid-phase synthesis of the B-chain of human β 2HS glycoprotein. <i>Carbohydrate Research</i> , 1998, 309, 287-296.	2.3	41
330	Use of dichlorophthaloyl (DCPth) group as an amino protecting group in oligosaccharide synthesis. <i>Tetrahedron</i> , 1998, 54, 1381-1394.	1.9	46
331	p-Methoxybenzylidene-tethered β 2-Mannosylation for Stereoselective Synthesis of Asparagine-Linked Glycan Chains. <i>Chemistry - A European Journal</i> , 1998, 4, 2182-2190.	3.3	60
332	Multi-Component Carbohydrate Coupling using Solution and Polymer Support Technology. <i>Molecules Online</i> , 1998, 2, 40-45.	0.3	5
333	Solid-phase oligosaccharide synthesis and related technologies. <i>Current Opinion in Chemical Biology</i> , 1998, 2, 701-708.	6.1	42
334	Solvent Effect in Glycosylation Reaction on Polymer Support. <i>Synlett</i> , 1998, 1998, 628-630.	1.8	38
335	Highly Optimized β 2-Mannosylation via p-Methoxybenzyl Assisted Intramolecular Aglycon Delivery. <i>Synlett</i> , 1998, 1998, 1102-1104.	1.8	95
336	Toward Synthesis of Novel C-glycoprotein from Human RNase; Unexpected Stereochemistry of Epoxide Opening Reaction by Organolithium Reagents in the Presence of Lewis Acid. <i>Chemistry Letters</i> , 1998, 27, 919-920.	1.3	13
337	Chemical Synthesis of Oligosaccharides: Efficiency and Selectivity.. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 1998, 56, 952-962.	0.1	4
338	Intramolecular Aglycon Delivery on Polymer Support: A Gatekeeper Monitored Glycosylation. <i>Journal of the American Chemical Society</i> , 1997, 119, 5562-5566.	13.7	130
339	Synthesis of a polymer-supported sialic acid glycosyl donor. <i>Tetrahedron Letters</i> , 1997, 38, 1599-1602.	1.4	30
340	Total synthesis of B-chain of human β 2HS glycoprotein. <i>Tetrahedron Letters</i> , 1997, 38, 7211-7214.	1.4	35
341	Synthesis of α -GM2, a regioisomer of ganglioside GM2, for studying the mechanism of action of GM2 activator. <i>Carbohydrate Research</i> , 1997, 302, 223-227.	2.3	12
342	Inhibition of GABA A Receptor Chloride Channel by Quinolones and Norfloxacin-Biphenylacetic Acid Hybrid Compounds. <i>Neuropharmacology</i> , 1996, 35, 1263-1269.	4.1	13

#	ARTICLE	IF	CITATIONS
343	4,5-Dichlorophthaloyl Group for Amino Protection in Carbohydrate Chemistry. <i>Bioscience, Biotechnology and Biochemistry</i> , 1996, 60, 73-76.	1.3	30
344	Inhibition of GABA _A ligand-gated Cl ⁻ channels by zinc in adult rat brain: A regional study. <i>Neurochemical Research</i> , 1996, 21, 955-961.	3.3	4
345	Eine orthogonale Glycosylierungsstrategie für den raschen Aufbau von Oligosacchariden an einem polymeren Träger. <i>Angewandte Chemie</i> , 1996, 108, 2691-2693.	2.0	19
346	A quantitative assay using basement membrane extracts to study tumor angiogenesis in vivo. , 1996, 67, 148-152.		35
347	Orthogonal Glycosylation Strategy for Rapid Assembly of Oligosaccharides on a Polymer Support. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 2510-2512.	4.4	109
348	Orthogonal glycosylation strategy in synthesis of extended blood group B determinant. <i>Tetrahedron Letters</i> , 1996, 37, 4551-4554.	1.4	45
349	Solid phase synthesis of polylactosamine oligosaccharide. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1996, 6, 2841-2846.	2.2	62
350	A new strategy for stereoselective synthesis of sialic acid-containing glycopeptide fragment. <i>Bioorganic and Medicinal Chemistry</i> , 1996, 4, 1901-1908.	3.0	15
351	Stereocontrolled syntheses of O-glycans of core class 2 with a linear tetrameric lactosamine chain and with three lactosamine branches. <i>Carbohydrate Research</i> , 1996, 295, 25-39.	2.3	14
352	Cyclo-glycosylation of a (1 → 4)-linked glycooctaose and glycodecaose: Synthesis of cyclo-lactooctaose and cyclo-lactodecaose. <i>Carbohydrate Research</i> , 1995, 268, C1-C6.	2.3	15
353	Functional diversity of GABA _A receptor ligand-gated chloride channels in rat synaptoneuroosomes. <i>Synapse</i> , 1995, 19, 188-196.	1.2	8
354	Synthesis of a glycopeptide carrying a N-linked core pentasaccharide. <i>Bioorganic and Medicinal Chemistry</i> , 1995, 3, 1455-1463.	3.0	62
355	Stereocontrolled synthesis of the pentasaccharide core structure of asparagine-linked glycoprotein oligosaccharide based on a highly convergent strategy. <i>Tetrahedron Letters</i> , 1995, 36, 7487-7490.	1.4	56
356	A Convergent and Stereocontrolled Synthetic Route to the Core Pentasaccharide Structure of Asparagine-Linked Glycoproteins. <i>Journal of Organic Chemistry</i> , 1995, 60, 4680-4681.	3.2	108
357	Orthogonal Glycosylation Strategy in Oligosaccharide Synthesis. [Erratum to document cited in CA122:31793]. <i>Journal of the American Chemical Society</i> , 1995, 117, 3891-3891.	13.7	0
358	β-Hydroxybutyric Acid Increases Intracellular Ca ²⁺ Concentration and Nuclear Cyclic AMP-Responsive Element and Activator Protein 1 DNA-Binding Activities Through GABA _B Receptor in Cultured Cerebellar Granule Cells. <i>Journal of Neurochemistry</i> , 1995, 65, 75-83.	3.9	41
359	PeSeNPhth-TMSOTf as a Promotor of Thioglycoside. <i>Synlett</i> , 1994, 1994, 535-536.	1.8	22
360	Experiments directed towards stereocontrolled synthesis of O-linked glycan which contains repeating lactosamine unit. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1994, 4, 2805-2810.	2.2	10

#	ARTICLE	IF	CITATIONS
361	Characterization of diazepam-insensitive [³ H]Ro 15-4513 binding in rodent brain and cultured cerebellar neuronal cells. <i>Neurochemical Research</i> , 1994, 19, 289-295.	3.3	12
362	Determination of structural elements of the L2/HNK-1 carbohydrate epitope required for its function. <i>Glycoconjugate Journal</i> , 1994, 11, 345-352.	2.7	37
363	A Novel Approach to the Stereoselective Synthesis of β -Mannosides. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 1765-1767.	4.4	242
364	Orthogonal Glycosylation Strategy in Oligosaccharide Synthesis. <i>Journal of the American Chemical Society</i> , 1994, 116, 12073-12074.	13.7	313
365	Studies on picrotoxin binding sites of GABA _A receptors in rat cortical synaptoneuroosomes. <i>Brain Research Bulletin</i> , 1994, 33, 373-378.	3.0	8
366	A new transcription factor, PEBP2, and its relationship to 3 subtypes of acute myeloid leukemia. <i>Pathophysiology</i> , 1994, 1, 115.	2.2	0
367	Experiments directed towards synthesis of complex glycosphingolipids: Ganglioside GQ1b1. <i>Pure and Applied Chemistry</i> , 1994, 66, 2123-2126.	1.9	5
368	Stereocontrolled synthesis of GD2. <i>Carbohydrate Research</i> , 1993, 242, C1-C6.	2.3	23
369	Synthesis of sulfated glucuronyl glycosphingolipids; carbohydrate epitopes of neural cell-adhesion molecules. <i>Carbohydrate Research</i> , 1993, 243, 43-69.	2.3	65
370	Stereocontrolled synthesis of chitosan dodecamer. <i>Carbohydrate Research</i> , 1993, 243, C1-C7.	2.3	48
371	Synthesis of branched poly-N-acetyl-lactosamine type pentaantennary pentacosasaccharide: Glycan part of a glycosyl ceramide from rabbit erythrocyte membrane. <i>Tetrahedron Letters</i> , 1993, 34, 1061-1064.	1.4	109
372	Combined use of trans-sialidase and sialyltransferase for enzymatic synthesis of α -NeuAc2.fwdarw.3.beta.Gal-OCH ₂ CH ₂ SiMe ₃ . <i>Journal of the American Chemical Society</i> , 1993, 115, 7862-7863.	13.7	34
373	Structure and dynamics of the sialic acid moiety of GM3-ganglioside at the surface of a magnetically oriented membrane. <i>Biochemistry</i> , 1993, 32, 13405-13413.	2.5	35
374	A novel strategy for synthesis of ganglioside GM3 using an enzymically produced sialoside glycosyl donor. <i>Journal of the American Chemical Society</i> , 1993, 115, 1603-1605.	13.7	56
375	P 154 A case of vasculo-Behçet's disease associated with lupus anticoagulant and circulating immune complexes. <i>Revue De Medecine Interne</i> , 1993, 14, 130s.	1.0	0
376	Stereoselective Total Synthesis of Tri- and Tetrahexoside Wheat Flour Ceramide. <i>Bioscience, Biotechnology and Biochemistry</i> , 1993, 57, 698-702.	1.3	3
377	Synthesis of bioactive sialosides. <i>Pure and Applied Chemistry</i> , 1993, 65, 753-762.	1.9	53
378	Chemical and Enzymatic Approaches toward Glycoconjugates.. <i>Nippon Nogeikagaku Kaishi</i> , 1993, 67, 1545-1554.	0.0	0

#	ARTICLE	IF	CITATIONS
379	Studies Directed toward the Synthesis of Polysialogangliosides: The Regio- and Stereocontrolled Synthesis of Rationally Designed Fragments of the Tetrasialoganglioside GQ1b+. Journal of Organic Chemistry, 1992, 57, 1821-1831.	3.2	42
380	Characterization of antagonistic activity and binding properties of SR 95531, a pyridazin-GABA derivative, in rat brain and cultured cerebellar neuronal cells. Synapse, 1992, 10, 326-333.	1.2	23
381	Synthesis of triantennary blood group I antigens: Neolacto-glycopentadecaosyl ceramide. Tetrahedron Letters, 1992, 33, 6343-6346.	1.4	17
382	Effects of bicuculline on [3H]SR 95531 binding in discrete regions of rat brains. Neurochemical Research, 1992, 17, 307-313.	3.3	11
383	Stereoselective total synthesis of the blood group I-active biantennary neolacto-glycodecaosyl ceramide. Tetrahedron Letters, 1992, 33, 4025-4028.	1.4	15
384	Synthesis and antithrombogenicity of heparinized polyurethanes with intervening spacer chains of various kinds. Biomaterials, 1991, 12, 390-396.	11.4	37
385	Total synthesis of a sulfated glucuronic acid containing glycoheptaosyl ceramide, a minor glycolipid isolated from human cauda equina tissue. Tetrahedron Letters, 1991, 32, 1569-1572.	1.4	20
386	Prejunctional Control of Excitatory Neuroeffector Transmission by Prostaglandins in the Airway Smooth Muscle Tissue. The American Review of Respiratory Disease, 1991, 143, S6-S10.	2.9	21
387	Stereoselectivity of cycloglycosylation in manno oligose series depends on carbohydrate chain length: Syntheses of manno isomers of Î²- and Î³- cyclodextrins. Tetrahedron Letters, 1990, 31, 3191-3194.	1.4	33
388	Highly stereoselective glycosylation of sialic acid aided by stereocontrolling auxiliaries. Tetrahedron, 1990, 46, 89-102.	1.9	92
389	1435-1438.	1.4	13
390	An approach to the regioselective introduction of functional groups on Î±-(1â†'4) linked cyclomannohexaose: Alkylation at O-2. Tetrahedron Letters, 1990, 31, 3029-3030.	1.4	13
391	A stereocontrolled total synthesis of a ganglio-ganglioside GM1b, IV3NeuAcÎ±GgOse4Cer. Tetrahedron Letters, 1990, 31, 385-388.	1.4	19
392	An efficient synthesis of ganglioside GM3: highly stereocontrolled glycosylations by use of auxiliaries. Carbohydrate Research, 1990, 203, 205-217.	2.3	42
393	Benzeneselenenyl triflate as an activator of thioglycosides for glycosylation reactions. Carbohydrate Research, 1990, 202, 165-175.	2.3	68
394	Total synthesis of the mollu-series glycosyl ceramides Î±-d-Manp-(1â†'3)-Î²-d-Manp-(1â†'4)-Î²-d-Glcp-(1â†'1)-Cer and Î±-d-Manp-(1â†'3)-[Î²-d-Xylp-(1â†'2)]-Î²-d-Manp-(1â†'4)-Î²-d-Glcp-(1â†'1)-Cer. Carbohydrate Research, 1990, 195, 199-224.	2.3	90
395	Synthesis of an appropriately protected core glycotetraoside, a key intermediate for the synthesis of âœbisectedâœ-complex-type glycans of a glycoprotein. Carbohydrate Research, 1990, 201, 15-30.	2.3	47
396	Synthesis of Î±-d-Manp-(1â†'3)-[Î²-d-GlcpNAc-(1â†'4)]-[Î±-d-Manp-(1â†'6)]-Î²-d-Manp-(1â†'4)-Î²-d-GlcpNAc-(1â†'4)-[Î±-l-Fucp-(1â†'6)]-d-GlcpNAc, a core glycoheptaose of a âœbisectedâœ-complex-type glycan of glycoproteins. Carbohydrate Research, 1990, 201, 31-50.	2.3	75

#	ARTICLE	IF	CITATIONS
397	A regio- and stereo-controlled synthesis of β -D-GlcpNAc6SO ₃ -(1 \rightarrow 3)- β -D-Galp6SO ₃ -(1 \rightarrow 4)- β -D-GlcpNAc6SO ₃ -(1 \rightarrow 3)-d-Galp, a linear acidic glycan fragment of keratan sulfate I. Carbohydrate Research, 1990, 201, 51-67.	2.3	36
398	Total synthesis of a sulfated glucuronyl glycosphingolipid, IV3GlcA(3-SO ₃)nLcOse4Cer, a carbohydrate epitope of neural cell adhesion molecules. Tetrahedron Letters, 1990, 31, 1597-1600.	1.4	52
399	Stereoselective Total Synthesis of Wheat Flour Ceramide Dihexoside. Agricultural and Biological Chemistry, 1990, 54, 2931-2939.	0.3	0
400	Modulation of Cholinergic Neurotransmission by VIP, VIP-Antiserum and VIP-Antagonists in Dog and Cat Trachea: VIP Plays a Role of "Double Braking" in Broncho-Constriction. , 1990, 31, 197-203.		1
401	Stereoselective total synthesis of wheat flour ceramide dihexoside. Agricultural and Biological Chemistry, 1990, 54, 2931-9.	0.3	3
402	Contracture and change in membrane potential produced by sodium removal in the dog trachea and bronchiole. Journal of Applied Physiology, 1989, 67, 2078-2086.	2.5	13
403	A highly stereoselective and practical synthesis of cyclomannohexaose, 1 \rightarrow 6, a manno isomer of cyclomaltohexaose. Carbohydrate Research, 1989, 192, 131-146.	2.3	68
404	A synthetic approach to keratan sulfate I: Synthesis of trisulfated glycotetraose. Tetrahedron Letters, 1989, 30, 4547-4550.	1.4	14
405	A total synthesis of para-forssman glycolipid isolated from human erythrocyte membrane. Tetrahedron Letters, 1989, 30, 5619-5622.	1.4	12
406	A total synthesis of Forssman glycolipid, globopentaosyl ceramide. Tetrahedron Letters, 1989, 30, 6713-6716.	1.4	14
407	A highly efficient and stereoselective cycloglycosylation. Synthesis of 1 \rightarrow 6, a manno isomer of α -cyclodextrin. Tetrahedron Letters, 1989, 30, 1273-1276.	1.4	38
408	Stereoselective synthesis of a core glycoheptaose of bisected biantennary complex type glycan of glycoproteins. Tetrahedron Letters, 1989, 30, 4417-4420.	1.4	22
409	Synthetic studies on cell-surface glycans. 65. Highly stereoselective synthesis of ganglioside GD3. Journal of the American Chemical Society, 1989, 111, 8508-8510.	13.7	106
410	The spontaneous electrical and mechanical activity of human bronchial smooth muscle: its modulation by drugs. British Journal of Pharmacology, 1989, 98, 1249-1260.	5.4	33
411	An efficient approach to stereoselective glycosylation of ceramide derivatives: Use of pivaloyl group as a stereocontrolling auxiliary. Tetrahedron Letters, 1988, 29, 4097-4100.	1.4	80
412	Total synthesis of a stage specific embryonic antigen-1 (SSEA-1) a glycoheptaosyl ceramide V3FucnLc6Cer. Tetrahedron Letters, 1988, 29, 4759-4762.	1.4	10
413	A total synthesis of dimeric Lex antigen, III3V3Fuc2nLc6Cer: Pivaloyl auxiliary for stereocontrolled glycosylation. Tetrahedron Letters, 1988, 29, 5267-5270.	1.4	42
414	Highly stereoselective glycosylation of N-acetylneuraminic acid aided by a phenylthio substituent as a stereocontrolling auxiliary. Tetrahedron Letters, 1988, 29, 3987-3990.	1.4	83

#	ARTICLE	IF	CITATIONS
415	Benzeneselenenyl triflate as a promoter of thioglycosides : A new method for O-glycosylation using thioglycosides. <i>Tetrahedron Letters</i> , 1988, 29, 1061-1064.	1.4	131
416	An Efficient Approach to the Synthesis of Lacto-N-Triosylceramide and Related Substances. <i>Journal of Carbohydrate Chemistry</i> , 1988, 7, 359-376.	1.1	28
417	Autoregulation of acetylcholine release from vagus nerve terminals through activation of muscarinic receptors in the dog trachea. <i>British Journal of Pharmacology</i> , 1988, 93, 636-646.	5.4	72
418	Pre- and post-junctional actions of procaterol, a β_2 -adrenoceptor stimulant, on dog tracheal tissue. <i>British Journal of Pharmacology</i> , 1988, 95, 268-274.	5.4	31
419	An efficient approach to stereoselective glycosylation of N-acetylneuraminic acid: Used of phenylselenenyl group as a stereocontrolling auxiliary. <i>Tetrahedron Letters</i> , 1987, 28, 6221-6224.	1.4	82
420	Sulfenate esters as glycosyl acceptors: A novel approach to the synthesis of 2-deoxyglycosides. <i>Tetrahedron Letters</i> , 1987, 28, 2723-2726.	1.4	101
421	Sulfenate esters as glycosyl acceptors: A novel approach to O-glycosides from thioglycosides and sulfenate esters. <i>Tetrahedron Letters</i> , 1987, 28, 4701-4704.	1.4	70
422	Stereoselective total synthesis of ceramide Di-, Tri- and tetrahexosides of wheat flour. <i>Glycoconjugate Journal</i> , 1987, 4, 109-116.	2.7	11
423	Total synthesis of globotriaosyl-E and Z-ceramides and isoglobotriaosyl-E-ceramide. <i>Carbohydrate Research</i> , 1987, 163, 189-208.	2.3	85
424	Total synthesis of X hapten, III3 Fuc α -nLc4 Cer. <i>Carbohydrate Research</i> , 1987, 167, 197-210.	2.3	109
425	Synthesis studies on cell-surface glycans. Part 46 An efficient approach to a lactosamine synthon for the synthesis of I-type antigens.. <i>Agricultural and Biological Chemistry</i> , 1986, 50, 3227-3230.	0.3	10
426	Synthetic studies on cell-surface glycans. Part 38. Synthesis of a haptasaccharide hapten related to an anomalous biantennary glycan chain of human chorionic gonadotropin of a patient with a choriocarcinoma.. <i>Agricultural and Biological Chemistry</i> , 1986, 50, 251-253.	0.3	1
427	Synthetic studies on cell-surface glycans. Part 47 Stereocontrolled synthesis of an octasaccharide part of I-active glycolipids.. <i>Agricultural and Biological Chemistry</i> , 1986, 50, 3231-3233.	0.3	9
428	An Efficient Approach to a Lactosamine Synthon for the Synthesis of I-Type Antigens. <i>Agricultural and Biological Chemistry</i> , 1986, 50, 3227-3230.	0.3	4
429	Stereocontrolled Synthesis of an Octasaccharide Part of I-Active Glycolipids. <i>Agricultural and Biological Chemistry</i> , 1986, 50, 3231-3233.	0.3	3
430	Synthesis of a heptasaccharide hapten related to an anomalous biantennary glycan-chain of human chorionic gonadotropin of a patient with chorio-carcinoma. A stepwise approach. <i>Carbohydrate Research</i> , 1986, 150, 91-101.	2.3	9
431	Synthesis of a heptasaccharide hapten related to a bi-antennary glycan chain of human chorionic gonadotropin of a choriocarcinoma patient. A convergent approach. <i>Carbohydrate Research</i> , 1986, 157, 101-123.	2.3	47
432	Stereo- and regio-controlled, total synthesis of the Leb antigen, III4 FucIV2FucLcOSe4 Cer. <i>Carbohydrate Research</i> , 1986, 155, C1-C5.	2.3	33

#	ARTICLE	IF	CITATIONS
433	Total synthesis of a lacto- ganglio series glycosphingolipid, M1-XGL-1. Tetrahedron Letters, 1986, 27, 4753-4756.	1.4	21
434	An efficient approach to O-glycosides through CuBr ₂ -Bu ₄ NBr mediated activation of glycosides. Carbohydrate Research, 1986, 155, C6-C10.	2.3	179
435	Synthesis of a Haptasaccharide Hapten Related to an Anomalous Biantennary Glycan Chain of Human Chorionic Gonadotropin of a Patient with a Choriocarcinoma. Agricultural and Biological Chemistry, 1986, 50, 251-253.	0.3	0
436	Synthetic studies on biologically active natural products by a chemicoenzymatic approach. Tetrahedron, 1984, 40, 145-152.	1.9	70
437	Synthesis of amphotericin B. 1. Fragment A of the aglycon. Journal of Organic Chemistry, 1984, 49, 2834-2837.	3.2	67
438	Heat(40°C)-induced polypeptides in human embryonic fibroblasts. Experientia, 1983, 39, 412-413.	1.2	0
439	Enantioselective synthesis of the carbocyclic nucleosides (-)-aristeromycin and (-)-neplanocin A by a chemicoenzymatic approach. Journal of the American Chemical Society, 1983, 105, 4049-4055.	13.7	197
440	The Asymmetric Aldol Reaction. Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry, 1983, 41, 117-133.	0.1	3
441	Some characteristics of solubilized and partially purified cerebral GABA and benzodiazepine receptors. Advances in Biochemical Psychopharmacology, 1983, 37, 59-70.	0.1	0
442	Synthesis of saccharides and related polyhydroxylated natural products. 4. .alpha.-D- and .beta.-D-C-Glycopyranosides (2,6-dialkyl-substituted tetrahydropyrans). Journal of the American Chemical Society, 1982, 104, 6468-6470.	13.7	69
443	Chirally selective synthesis of sugar moiety of nucleosides by chemicoenzymatic approach: L- and D-riboses, showdomycin, and cordycepin. Journal of the American Chemical Society, 1981, 103, 6739-6741.	13.7	82
444	Regioselective synthesis of virazole using benzyl cyanofornate as a synthon. Tetrahedron Letters, 1979, 20, 2521-2524.	1.4	15
445	Iron carbonyls as mild friedel-crafts catalytic agent.. Chemical and Pharmaceutical Bulletin, 1978, 26, 3591-3593.	1.3	1