

Harry Schachter

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

145
papers

6,904
citations

46
h-index

78
g-index

150
ext. papers

7,212
ext. citations

4.9
avg, IF

5.54
L-index

#	Paper	IF	Citations
145	Ablation of N-acetylglucosaminyltransferases in <i>Caenorhabditis</i> induces expression of unusual intersected and bisected N-glycans. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018 , 1862, 2191-2203	4.0	10
144	The directed migration of gonadal distal tip cells in <i>Caenorhabditis elegans</i> requires NGAT-1, a β 1,4-N-acetylgalactosaminyltransferase enzyme. <i>PLoS ONE</i> , 2017 , 12, e0183049	3.7	3
143	Complex N-glycans: the story of the "yellow brick road". <i>Glycoconjugate Journal</i> , 2014 , 31, 1-5	3	14
142	Suppression of cancer progression by MGAT1 shRNA knockdown. <i>PLoS ONE</i> , 2012 , 7, e43721	3.7	31
141	ISPD loss-of-function mutations disrupt dystroglycan O-mannosylation and cause Walker-Warburg syndrome. <i>Nature Genetics</i> , 2012 , 44, 575-80	36.3	183
140	Life is sweet! A novel role for N-glycans in <i>Drosophila</i> lifespan. <i>Fly</i> , 2011 , 5, 18-24	1.3	6
139	O-mannosyl phosphorylation of alpha-dystroglycan is required for laminin binding. <i>Science</i> , 2010 , 327, 88-92	33.3	279
138	Neuronal expression of <i>Mgat1</i> rescues the shortened life span of <i>Drosophila</i> <i>Mgat11</i> null mutants and increases life span. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 9677-82	11.5	25
137	<i>Mgat1</i> -dependent N-glycans are essential for the normal development of both vertebrate and invertebrate metazoans. <i>Seminars in Cell and Developmental Biology</i> , 2010 , 21, 609-15	7.5	31
136	The functions of paucimannose N-glycans in <i>Caenorhabditis elegans</i> . <i>Trends in Glycoscience and Glycotechnology</i> , 2009 , 21, 131-148	0.1	3
135	Paucimannose N-glycans in <i>Caenorhabditis elegans</i> and <i>Drosophila melanogaster</i> . <i>Carbohydrate Research</i> , 2009 , 344, 1391-6	2.9	39
134	Glycosylation diseases: quo vadis?. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2009 , 1792, 925-30	6.9	87
133	The human UDP-N-Acetylglucosamine:β-d-Mannoside-β1,2-N-Acetylglucosaminyltransferase II Gene (MGAT2). <i>FEBS Journal</i> , 2008 , 231, 317-328		2
132	Gene inactivation confirms the identity of enzymes involved in nematode phosphorylcholine-N-glycan synthesis. <i>Molecular and Biochemical Parasitology</i> , 2008 , 157, 88-91	1.9	15
131	The PCome of <i>Caenorhabditis elegans</i> as a prototypic model system for parasitic nematodes: identification of phosphorylcholine-substituted proteins. <i>Molecular and Biochemical Parasitology</i> , 2008 , 161, 101-11	1.9	18
130	Inhibition of the sodium/potassium ATPase impairs N-glycan expression and function. <i>Cancer Research</i> , 2008 , 68, 6688-97	10.1	46
129	Mild POMGnT1 mutations underlie a novel limb-girdle muscular dystrophy variant. <i>Archives of Neurology</i> , 2008 , 65, 137-41		56

128	N-glycans are involved in the response of <i>Caenorhabditis elegans</i> to bacterial pathogens. <i>Methods in Enzymology</i> , 2006 , 417, 359-89	1.7	28
127	Null mutations in <i>Drosophila</i> N-acetylglucosaminyltransferase I produce defects in locomotion and a reduced life span. <i>Journal of Biological Chemistry</i> , 2006 , 281, 12776-85	5.4	72
126	Walker-Warburg syndrome. <i>Orphanet Journal of Rare Diseases</i> , 2006 , 1, 29	4.2	65
125	Carriers and patients with muscle-eye-brain disease can be rapidly diagnosed by enzymatic analysis of fibroblasts and lymphoblasts. <i>Neuromuscular Disorders</i> , 2006 , 16, 132-6	2.9	21
124	Identification of the hydrophobic glycoproteins of <i>Caenorhabditis elegans</i> . <i>Glycobiology</i> , 2005 , 15, 952-648		33
123	The search for glycan function: fucosylation of the TGF-beta1 receptor is required for receptor activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 15721-2	11.5	19
122	LARGE can functionally bypass alpha-dystroglycan glycosylation defects in distinct congenital muscular dystrophies. <i>Nature Medicine</i> , 2004 , 10, 696-703	50.5	215
121	Protein glycosylation lessons from <i>Caenorhabditis elegans</i> . <i>Current Opinion in Structural Biology</i> , 2004 , 14, 607-16	8.1	46
120	A method for proteomic identification of membrane-bound proteins containing Asn-linked oligosaccharides. <i>Analytical Biochemistry</i> , 2004 , 332, 178-86	3.1	39
119	The role of defective glycosylation in congenital muscular dystrophy. <i>Glycoconjugate Journal</i> , 2004 , 20, 291-300	3	23
118	<i>Caenorhabditis elegans</i> triple null mutant lacking UDP-N-acetyl-D-glucosamine:alpha-3-D-mannoside beta1,2-N-acetylglucosaminyltransferase I. <i>Biochemical Journal</i> , 2004 , 382, 995-1001	3.8	52
117	Use of synthetic oligosaccharide substrate analogs to map the active sites of N-acetylglucosaminyltransferases I and II. <i>Methods in Enzymology</i> , 2003 , 363, 459-75	1.7	9
116	Synthesis of paucimannose N-glycans by <i>Caenorhabditis elegans</i> requires prior actions of UDP-N-acetyl-D-glucosamine:alpha-3-D-mannoside beta1,2-N-acetylglucosaminyltransferase I, alpha3,6-mannosidase II and a specific membrane-bound beta-N-acetylglucosaminidase. <i>Biochemical Journal</i> , 2003 , 372, 53-64	3.8	45
115	Walter Thomas James Morgan: 1900-2003. <i>Glycoconjugate Journal</i> , 2003 , 20, 1-3	3	
114	Enzymatic diagnostic test for Muscle-Eye-Brain type congenital muscular dystrophy using commercially available reagents. <i>Clinical Biochemistry</i> , 2003 , 36, 339-44	3.5	48
113	Isolation of null alleles of the <i>Caenorhabditis elegans</i> gly-12, gly-13 and gly-14 genes, all of which encode UDP-GlcNAc: alpha-3-D-mannoside beta1,2-N-acetylglucosaminyltransferase I activity. <i>Biochimie</i> , 2003 , 85, 391-401	4.6	10
112	Functional post-translational proteomics approach to study the role of N-glycans in the development of <i>Caenorhabditis elegans</i> . <i>Biochemical Society Symposia</i> , 2002 , 69, 1-21		22
111	Two closely related forms of UDP-GlcNAc: alpha6-D-mannoside beta1,2-N-acetylglucosaminyltransferase II occur in the clawed frog <i>Xenopus laevis</i> . <i>Glycoconjugate Journal</i> , 2002 , 19, 187-95	3	6

110	Cloning and expression of a novel UDP-GlcNAc:alpha-D-mannoside beta1,2-N-acetylglucosaminyltransferase homologous to UDP-GlcNAc:alpha-3-D-mannoside beta1,2-N-acetylglucosaminyltransferase I. <i>Biochemical Journal</i> , 2002 , 361, 153-62	3.8	40
109	Cloning and expression of a novel UDP-GlcNAc:beta-D-mannoside beta1,2-N-acetylglucosaminyltransferase homologous to UDP-GlcNAc:beta-D-mannoside beta1,2-N-acetylglucosaminyltransferase I. <i>Biochemical Journal</i> , 2002 , 361, 153-162	3.8	55
108	UDP-N-acetylglucosamine:alpha-3-D-mannoside beta-1,2-N-acetylglucosaminyltransferase I and UDP-N-acetylglucosamine:alpha-6-D-mannoside beta-1,2-N-acetylglucosaminyltransferase II in <i>Caenorhabditis elegans</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2002 , 1573, 271-9	4	30
107	The role of the GlcNAc(beta)1,2Man(alpha)- moiety in mammalian development. Null mutations of the genes encoding UDP-N-acetylglucosamine:alpha-3-D-mannoside beta-1,2-N-acetylglucosaminyltransferase I and UDP-N-acetylglucosamine:alpha-D-mannoside beta-1,2-N-acetylglucosaminyltransferase II result in embryonic lethality and congenital muscular	4	11
106	Mice with a homozygous deletion of the Mgat2 gene encoding UDP-N-acetylglucosamine:alpha-6-D-mannoside beta1,2-N-acetylglucosaminyltransferase II: a model for congenital disorder of glycosylation type IIa. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2002 , 1573, 301-11	4	36
105	BBA special issue on developmental glycobiology. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2002 , 1573, 199	4	2
104	N-Acetylglucosaminyltransferase-II 2002 , 70-79		2
103	Glycoconjugate abnormalities in patients with congenital dyserythropoietic anaemia type I, II and III. <i>British Journal of Haematology</i> , 2001 , 114, 907-13	4.5	9
102	Cloning and expression of <i>Drosophila melanogaster</i> UDP-GlcNAc:alpha-3-D-mannoside beta1,2-N-acetylglucosaminyltransferase I. <i>Biological Chemistry</i> , 2001 , 382, 209-17	4.5	41
101	The clinical relevance of glycobiology. <i>Journal of Clinical Investigation</i> , 2001 , 108, 1579-82	15.9	15
100	Complex NGlycans - When, Why?. <i>Trends in Glycoscience and Glycotechnology</i> , 2001 , 13, 447-462	0.1	2
99	Preface to the Special Issue, Lower Organisms: Essential to Comparative Glycomics <i>Trends in Glycoscience and Glycotechnology</i> , 2001 , 13, 445-446	0.1	
98	Regulation of expression of the human beta-1,2-N-acetylglucosaminyltransferase II gene (MGAT2) by Ets transcription factors. <i>Biochemical Journal</i> , 2000 , 347, 511-8	3.8	8
97	Regulation of expression of the human beta1,2-N-acetylglucosaminyltransferase II gene (MGAT2) by Ets transcription factors. <i>Biochemical Journal</i> , 2000 , 347, 511-518	3.8	8
96	Molecular cloning and expression analysis of a mouse UDP-GlcNAc:Gal(beta1-4)Glc(NAc)-R beta1,3-N-acetylglucosaminyltransferase homologous to <i>Drosophila melanogaster</i> Brainiac and the beta1,3-galactosyltransferase family. <i>Glycoconjugate Journal</i> , 2000 , 17, 867-75	3	5
95	The joys of HexNAc. The synthesis and function of N- and O-glycan branches. <i>Glycoconjugate Journal</i> , 2000 , 17, 465-83	3	126
94	Expression of three <i>Caenorhabditis elegans</i> N-acetylglucosaminyltransferase I genes during development. <i>Journal of Biological Chemistry</i> , 1999 , 274, 288-97	5.4	62
93	Glycosyltransferases Involved in N-Glycan Synthesis 1999 , 37-67		

92	Carbohydrate-deficient glycoprotein syndrome type II. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1999 , 1455, 179-92	6.9	35
91	Transcriptional regulation of the human UDP-GlcNAc:alpha-6-D-mannoside beta-1-2-N-acetylglucosaminyltransferase II gene (MGAT2) which controls complex N-glycan synthesis. <i>Glycoconjugate Journal</i> , 1998 , 15, 301-8	3	12
90	Structural and functional consequences of an N-glycosylation mutation (HEMPAS) affecting human erythrocyte membrane glycoproteins. <i>Biochemistry and Cell Biology</i> , 1998 , 76, 823-835	3.6	20
89	Structural and functional consequences of an N-glycosylation mutation (HEMPAS) affecting human erythrocyte membrane glycoproteins. <i>Biochemistry and Cell Biology</i> , 1998 , 76, 823-35	3.6	7
88	Defective glycosyltransferases are not good for your health. <i>Advances in Experimental Medicine and Biology</i> , 1998 , 435, 9-27	3.6	7
87	Isolation, characterization and inactivation of the mouse Mgat3 gene: the bisecting N-acetylglucosamine in asparagine-linked oligosaccharides appears dispensable for viability and reproduction. <i>Glycobiology</i> , 1997 , 7, 45-56	5.8	91
86	Organization of the human beta-1,2-N-acetylglucosaminyltransferase I gene (MGAT1), which controls complex and hybrid N-glycan synthesis. <i>Biochemical Journal</i> , 1997 , 321 (Pt 2), 465-74	3.8	37
85	Expression of stable human O-glycan core 2 beta-1,6-N-acetylglucosaminyltransferase in Sf9 insect cells. <i>Biochemical Journal</i> , 1997 , 325 (Pt 1), 63-9	3.8	49
84	Activity of UDP-GlcNAc:GlcNAc beta 1-->6(GlcNAc beta 1-->2) Man alpha 1-->R[GlcNAc to Man] beta 1-->4N-acetylglucosaminyltransferase VI (GnT VI) from the ovaries of <i>Oryzias latipes</i> (Medaka fish). <i>Biochemical and Biophysical Research Communications</i> , 1997 , 230, 533-6	3.4	10
83	Chapter 16b Carbohydrate-deficient glycoprotein syndrome: Type II: an autosomal recessive disease due to mutations in the N-acetylglucosaminyltransferase II gene. <i>New Comprehensive Biochemistry</i> , 1996 , 30, 457-467		8
82	Identification of a GDP-Fuc:Gal beta 1-3GalNAc-R (Fuc to Gal) alpha 1-2 fucosyltransferase and a GDP-Fuc:Gal beta 1-4GlcNAc (Fuc to GlcNAc) alpha 1-3 fucosyltransferase in connective tissue of the snail <i>Lymnaea stagnalis</i> . <i>Glycoconjugate Journal</i> , 1996 , 13, 107-13	3	12
81	Synthetic substrate analogues for UDP-GlcNAc: Man alpha 1-3R beta 1-2-N-acetylglucosaminyltransferase I. Substrate specificity and inhibitors for the enzyme. <i>Glycoconjugate Journal</i> , 1995 , 12, 747-54	3	20
80	Insertion into <i>Aspergillus nidulans</i> of functional UDP-GlcNAc: alpha 3-D- mannoside beta-1,2-N-acetylglucosaminyl-transferase I, the enzyme catalysing the first committed step from oligomannose to hybrid and complex N-glycans. <i>Glycoconjugate Journal</i> , 1995 , 12, 360-70	3	34
79	Substrate specificity and inhibition of UDP-GlcNAc:GlcNAc beta 1-2Man alpha 1-6R beta 1,6-N-acetylglucosaminyltransferase V using synthetic substrate analogues. <i>Glycoconjugate Journal</i> , 1995 , 12, 371-9	3	30
78	Molecular cloning and expression of cDNA encoding the rat UDP-N-acetylglucosamine:alpha-6-D-mannoside beta-1,2-N-acetylglucosaminyltransferase II. <i>Journal of Biological Chemistry</i> , 1995 , 270, 15211-21	5.4	47
77	Chapter 5 Biosynthesis 1. Introduction. <i>New Comprehensive Biochemistry</i> , 1995 , 123-126		2
76	Chapter 5 Biosynthesis 2c. Glycosyltransferases Involved in the Synthesis of N-Glycan Antennae. <i>New Comprehensive Biochemistry</i> , 1995 , 153-199		10
75	Chapter 5 Biosynthesis 4b. Substrate Level Controls for N-Glycan Assembly. <i>New Comprehensive Biochemistry</i> , 1995 , 29, 281-286		4

74	Carbohydrate-deficient glycoprotein syndrome type II. An autosomal recessive N-acetylglucosaminyltransferase II deficiency different from typical hereditary erythroblastic multinuclearity, with a positive acidified-serum lysis test (HEMPAS). <i>FEBS Journal</i> , 1995 , 230, 797-805		58
73	Identification of a novel UDP-GalNAc:GlcNAc beta-R beta 1-4 N-acetylgalactosaminyltransferase from the albumen gland and connective tissue of the snail <i>Lymnaea stagnalis</i> . <i>FEBS Journal</i> , 1995 , 227, 175-85		26
72	In the biosynthesis of N-glycans in connective tissue of the snail <i>Lymnaea stagnalis</i> of incorporation GlcNAc by beta 2GlcNAc-transferase I is an essential prerequisite for the action of beta 2GlcNAc-transferase II and beta 2Xyl-transferase. <i>FEBS Journal</i> , 1995 , 232, 272-83		29
71	Bausteine von Oligosacchariden, CIX. Synthese von modifizierten Oligosacchariden der N-Glycoproteine zur Untersuchung der Substratspezifität der N-Acetylglucosaminyltransferase I. <i>Liebigs Annalen</i> , 1995 , 1995, 53-66		6
70	Bausteine von Oligosacchariden, CX. Synthese von potentiellen Inhibitoren für die N-Acetylglucosaminyltransferase I. <i>Liebigs Annalen</i> , 1995 , 1995, 67-76		4
69	Synthesis of pentasaccharide analogues of the N-glycan substrates of N-acetylglucosaminyltransferases III, IV and V using tetrasaccharide precursors and recombinant beta-(1->2)-N-acetylglucosaminyltransferase II. <i>Carbohydrate Research</i> , 1995 , 275, 221-9	2.9	9
68	The human UDP-N-acetylglucosamine: alpha-6-D-mannoside-beta-1,2-N-acetylglucosaminyltransferase II gene (MGAT2). Cloning of genomic DNA, localization to chromosome 14q21, expression in insect cells and purification of the recombinant protein. <i>FEBS Journal</i> , 1995 , 231, 317-28		70
67	Synthetic substrate analogues for UDP-GlcNAc: Man alpha 1-6R beta(1-2)-N-acetylglucosaminyltransferase II. Substrate specificity and inhibitors for the enzyme. <i>Glycoconjugate Journal</i> , 1994 , 11, 210-6	3	29
66	Synthesis of tetrasaccharide analogues of the N-glycan substrate of beta-(1->2)-N-acetylglucosaminyltransferase II using trisaccharide precursors and recombinant beta-(1->2)-N-acetylglucosaminyltransferase I. <i>Carbohydrate Research</i> , 1994 , 259, 93-101	2.9	27
65	Molecular cloning and characterization of the mouse UDP-N-acetylglucosamine:alpha-3-D-mannoside beta-1,2-N-acetylglucosaminyltransferase I gene. <i>Genomics</i> , 1992 , 12, 699-704	4.3	67
64	Control of glycoprotein synthesis: substrate specificity of rat liver UDP-GlcNAc:Man alpha 3R beta 2-N-acetylglucosaminyltransferase I using synthetic substrate analogues. <i>Glycoconjugate Journal</i> , 1992 , 9, 180-90	3	44
63	Control of glycoprotein synthesis. Characterization of (1->4)-N-acetyl-beta-D-glucosaminyltransferases acting on the alpha-D-(1->3)- and alpha-D-(1->6)-linked arms of N-linked oligosaccharides. <i>Carbohydrate Research</i> , 1992 , 236, 281-99	2.9	29
62	Branching of N- and O-Glycans: Biosynthetic Controls and Functions.. <i>Trends in Glycoscience and Glycotechnology</i> , 1992 , 4, 241-250	0.1	8
61	GDP-fucose: beta-N-acetylglucosamine (Fuc to (Fuc alpha 1->6GlcNAc)-Asn-peptide)alpha 1->3-fucosyltransferase activity in honeybee (<i>Apis mellifica</i>) venom glands. The difucosylation of asparagine-bound N-acetylglucosamine. <i>FEBS Journal</i> , 1991 , 199, 745-51		42
60	Identification of a novel UDP-Gal:GalNAc beta 1-4GlcNAc-R beta 1-3-galactosyltransferase in the connective tissue of the snail <i>Lymnaea stagnalis</i> . <i>FEBS Journal</i> , 1991 , 201, 459-65		20
59	The 'yellow brick road' to branched complex N-glycans. <i>Glycobiology</i> , 1991 , 1, 453-61	5.8	182
58	Enzymes associated with glycosylation. <i>Current Opinion in Structural Biology</i> , 1991 , 1, 755-765	8.1	67
57	High-performance liquid chromatography assays for N-acetylglucosaminyltransferases involved in N- and O-glycan synthesis. <i>Methods in Enzymology</i> , 1989 , 179, 351-97	1.7	55

56	N-acetylglucosaminyltransferase substrates prepared from glycoproteins by hydrazinolysis of the asparagine-N-acetylglucosamine linkage. Purification and structural determination of oligosaccharides with mannose and N-acetylglucosamine at the non-reducing termini. <i>Glycoconjugate Journal</i> , 1988 , 5, 419-448	3	24
55	The biosynthesis of highly branched N-glycans: studies on the sequential pathway and functional role of N-acetylglucosaminyltransferases I, II, III, IV, V and VI. <i>Biochimie</i> , 1988 , 70, 1521-33	4.6	76
54	Control of glycoprotein synthesis. The use of oligosaccharide substrates and HPLC to study the sequential pathway for N-acetylglucosaminyltransferases I, II, III, IV, V, and VI in the biosynthesis of highly branched N-glycans by hen oviduct membranes. <i>Biochemistry and Cell Biology</i> , 1988 , 66, 1134-51	3.6	96
53	Identification of terminal N-acetylglucosamine residues of highly branched asparagine-linked oligosaccharides as immunoreactive domains of a chicken heterophile antigenic determinant. <i>Molecular Immunology</i> , 1987 , 24, 765-71	4.3	7
52	Golgi and secreted galactosyltransferase. <i>Critical Reviews in Biochemistry</i> , 1986 , 21, 119-51		77
51	The effect of a "bisecting" N-acetylglucosaminyl group on the binding of biantennary, complex oligosaccharides to concanavalin A, Phaseolus vulgaris erythroagglutinin (E-PHA), and Ricinus communis agglutinin (RCA-120) immobilized on agarose. <i>Carbohydrate Research</i> , 1986 , 149, 65-83	2.9	75
50	Mucin synthesis. Conversion of R1-beta 1-3Gal-R2 to R1-beta 1-3(GlcNAc beta 1-6)Gal-R2 and of R1-beta 1-3GalNAc-R2 to R1-beta 1-3(GlcNAc beta 1-6)GalNAc-R2 by a beta 6-N-acetylglucosaminyltransferase in pig gastric mucosa. <i>FEBS Journal</i> , 1986 , 157, 463-74		59
49	Biosynthetic controls that determine the branching and microheterogeneity of protein-bound oligosaccharides. <i>Biochemistry and Cell Biology</i> , 1986 , 64, 163-81	3.6	509
48	Biosynthetic controls that determine the branching and microheterogeneity of protein-bound oligosaccharides. <i>Advances in Experimental Medicine and Biology</i> , 1986 , 205, 53-85	3.6	37
47	Control of glycoprotein synthesis. Bovine milk UDPgalactose:N-acetylglucosamine beta-4-galactosyltransferase catalyzes the preferential transfer of galactose to the GlcNAc beta 1,2Man alpha 1,3- branch of both bisected and nonbisected complex biantennary asparagine-linked oligosaccharides. <i>Biochemistry</i> , 1985 , 24, 1661-70	3.2	67
46	Mucin synthesis. UDP-GlcNAc:GalNAc-R beta 3-N-acetylglucosaminyltransferase and UDP-GlcNAc:GlcNAc beta 1-3GalNAc-R (GlcNAc to GalNAc) beta 6-N-acetylglucosaminyltransferase from pig and rat colon mucosa. <i>Biochemistry</i> , 1985 , 24, 1866-74	3.2	106
45	Glycosyltransferases Involved in the Biosynthesis of Protein-Bound Oligosaccharides of the Asparagine-N-Acetyl-D-Glucosamine and Serine(Threonine)-N-Acetyl-D-Galactosamine Types 1985 , 227-277		6
44	Glycoproteins: their structure, biosynthesis and possible clinical implications. <i>Clinical Biochemistry</i> , 1984 , 17, 3-14	3.5	78
43	Decreased UDP-GlcNAc:Glycopeptide-2-N-Acetylglucosaminyltransferase II activity in a ricin-resistant mutant of baby hamster kidney (BHK) cells. <i>Glycoconjugate Journal</i> , 1984 , 1, 51-61	3	8
42	Control of glycoprotein synthesis. IX. A terminal Man alpha 1-3Man beta 1- sequence in the substrate is the minimum requirement for UDP-N-acetyl-D-glucosamine: alpha-D-mannoside (GlcNAc to Man alpha 1-3) beta 2-N-acetylglucosaminyltransferase I. <i>Canadian Journal of Biochemistry and Cell Biology</i> , 1984 , 62, 409-17		55
41	Mucin synthesis. The action of pig gastric mucosal UDP-GlcNAc:Gal beta 1-3(R1)GalNAc-R2 (GlcNAc to Gal) beta 3-N-acetylglucosaminyltransferase on high molecular weight substrates. <i>Canadian Journal of Biochemistry and Cell Biology</i> , 1984 , 62, 1081-90		22
40	Mucin synthesis. III. UDP-GlcNAc:Gal beta 1-3(GlcNAc beta 1-6)GalNAc-R (GlcNAc to Gal) beta 3-N-acetylglucosaminyltransferase, an enzyme in porcine gastric mucosa involved in the elongation of mucin-type oligosaccharides. <i>Canadian Journal of Biochemistry and Cell Biology</i> , 1983 , 61, 1322-33		45
39	Control of branching during the biosynthesis of asparagine-linked oligosaccharides. <i>Canadian Journal of Biochemistry and Cell Biology</i> , 1983 , 61, 1049-66		167

38	Glycosyltransferases involved in elongation of N-glycosidically linked oligosaccharides of the complex or N-acetyllactosamine type. <i>Methods in Enzymology</i> , 1983 , 98, 98-134	1.7	33
37	The separation by liquid chromatography (under elevated pressure) of phenyl, benzyl, and O-nitrophenyl glycosides of oligosaccharides. Analysis of substrates and products for four N-acetyl-D-glucosaminyl-transferases involved in mucin synthesis. <i>Carbohydrate Research</i> , 1983 , 120, 3-16	2.9	27
36	Enzymatic Control of Oligosaccharide Branching During Synthesis of Membrane Glycoproteins 1983 , 177-195		
35	2-Keto-3-deoxy-L-fuconate dehydrogenase from pork liver. <i>Methods in Enzymology</i> , 1982 , 89 Pt D, 219-257		
34	Product-identification and substrate-specificity studies of the GDP-L-fucose:2-acetamido-2-deoxy-beta-D-glucoside (FUC goes to Asn-linked GlcNAc) 6-alpha-L-fucosyltransferase in a Golgi-rich fraction from porcine liver. <i>Carbohydrate Research</i> , 1982 , 100, 365-92	2.9	177
33	Oligosaccharide Conformation and the Control of Oligosaccharide Assembly 1982 , 255-262		1
32	Tissue distribution of sulfolipids in the rat. Restricted location of sulfatoxygalactosylalkylglycerol. <i>Canadian Journal of Biochemistry</i> , 1981 , 59, 556-63		25
31	Mammalian Glycosyltransferases 1980 , 85-160		92
30	A structural basis for four distinct elution profiles on concanavalin A-Sepharose affinity chromatography of glycopeptides. <i>Canadian Journal of Biochemistry</i> , 1979 , 57, 83-96		199
29	The Control of Glycoprotein Synthesis 1979 , 575-596		1
28	Biosynthesis and Catabolism of Glycoproteins. <i>ACS Symposium Series</i> , 1978 , 21-46	0.4	6
27	The Structure and Biosynthesis of Membrane Glycoproteins. <i>Current Topics in Membranes and Transport</i> , 1978 , 11, 15-105		22
26	Glycoprotein Biosynthesis 1978 , 87-181		21
25	The control of glycoprotein synthesis: N-acetylglucosamine linkage to a mannose residue as a signal for the attachment of L-fucose to the asparagine-linked N-acetylglucosamine residue of glycopeptide from alpha1-acid glycoprotein. <i>Biochemical and Biophysical Research Communications</i> , 1976 , 72, 303-16	3.4	160
24	Intracellular localization of GDP-L-fucose:glycoprotein and CMP-sialic acid: apolipoprotein glycosyltransferases in rat and pork livers. <i>Archives of Biochemistry and Biophysics</i> , 1975 , 169, 269-77	4.1	75
23	Localization of glycoprotein glycosyltransferases in the Golgi apparatus of rat and mouse testis. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1974 , 372, 304-320	4	25
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