

# David J Harvey

## 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.

123  
papers

8,014  
citations

51  
h-index

87  
g-index

128  
ext. papers

8,626  
ext. citations

5.6  
avg, IF

6.62  
L-index

#	Paper	IF	Citations
123	ANALYSIS OF CARBOHYDRATES AND GLYCOCONJUGATES BY MATRIX-ASSISTED LASER DESORPTION/IONIZATION MASS SPECTROMETRY: AN UPDATE FOR 2015-2016. <i>Mass Spectrometry Reviews</i> , <b>2021</b> , 40, 408-565	11	7
122	Identification of N-glycans with GalNAc-containing antennae from recombinant HIV trimers by ion mobility and negative ion fragmentation. <i>Analytical and Bioanalytical Chemistry</i> , <b>2021</b> , 413, 7229-7240	4.4	1
121	In vivo modification of the goat mammary gland glycosylation pathway. <i>New Biotechnology</i> , <b>2021</b> , 61, 11-21	6.4	1
120	Formation and fragmentation of doubly and triply charged ions in the negative ion spectra of neutral N-glycans from viral and other glycoproteins. <i>Analytical and Bioanalytical Chemistry</i> , <b>2021</b> , 413, 7277-7294	4.4	
119	FGDB: Database of follicle stimulating hormone glycans. <i>Computational and Structural Biotechnology Journal</i> , <b>2021</b> , 19, 1635-1640	6.8	
118	Networks of HIV-1 Envelope Glycans Maintain Antibody Epitopes in the Face of Glycan Additions and Deletions. <i>Structure</i> , <b>2020</b> , 28, 897-909.e6	5.2	24
117	NEGATIVE ION MASS SPECTROMETRY FOR THE ANALYSIS OF N-LINKED GLYCANS. <i>Mass Spectrometry Reviews</i> , <b>2020</b> , 39, 586-679	11	17
116	Ion Mobility-Mass Spectrometry of Glycoconjugates. <i>Methods in Molecular Biology</i> , <b>2020</b> , 2084, 203-219	1.4	1
115	MASS SPECTROMETRIC FRAGMENTATION OF TRIMETHYLSILYL AND RELATED ALKYL SILYL DERIVATIVES. <i>Mass Spectrometry Reviews</i> , <b>2020</b> , 39, 105-211	11	16
114	NIST Interlaboratory Study on Glycosylation Analysis of Monoclonal Antibodies: Comparison of Results from Diverse Analytical Methods. <i>Molecular and Cellular Proteomics</i> , <b>2020</b> , 19, 11-30	7.6	49
113	Follicle-Stimulating Hormone Glycobiology. <i>Endocrinology</i> , <b>2019</b> , 160, 1515-1535	4.8	18
112	Separation of Isomeric Glycans by Ion Mobility and Liquid Chromatography-Mass Spectrometry. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 10604-10613	7.8	21
111	Isomer Information from Ion Mobility Separation of High-Mannose Glycan Fragments. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2018</b> , 29, 972-988	3.5	14
110	Collision Cross Sections and Ion Mobility Separation of Fragment Ions from Complex N-Glycans. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2018</b> , 29, 1250-1261	3.5	20
109	Fucose Migration in Intact Protonated Glycan Ions: A Universal Phenomenon in Mass Spectrometry. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 7440-7443	16.4	36
108	Integrity of Glycosylation Processing of a Glycan-Depleted Trimeric HIV-1 Immunogen Targeting Key B-Cell Lineages. <i>Journal of Proteome Research</i> , <b>2018</b> , 17, 987-999	5.6	18
107	Mass spectrometric analysis of glycosylated viral proteins. <i>Expert Review of Proteomics</i> , <b>2018</b> , 15, 391-414	2	12

106	N-glycan microheterogeneity regulates interactions of plasma proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 8763-8768	11.5	62
105	Glycosylation profiling of dog serum reveals differences compared to human serum. <i>Glycobiology</i> , <b>2018</b> , 28, 825-831	5.8	4
104	Site-Specific Glycosylation of Virion-Derived HIV-1 Env Is Mimicked by a Soluble Trimeric Immunogen. <i>Cell Reports</i> , <b>2018</b> , 24, 1958-1966.e5	10.6	89
103	Analysis of carbohydrates and glycoconjugates by matrix-assisted laser desorption/ionization mass spectrometry: An update for 2013-2014. <i>Mass Spectrometry Reviews</i> , <b>2018</b> , 37, 353-491	11	42
102	Fucose-Migration in intakten protonierten Glykan-Ionen – ein universelles Phänomen in der Massenspektrometrie. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 7562-7565	3.6	3
101	Structural Studies of Fucosylated N-Glycans by Ion Mobility Mass Spectrometry and Collision-Induced Fragmentation of Negative Ions. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2018</b> , 29, 1179-1193	3.5	18
100	Analysis of carbohydrates and glycoconjugates by matrix-assisted laser desorption/ionization mass spectrometry: An update for 2011-2012. <i>Mass Spectrometry Reviews</i> , <b>2017</b> , 36, 255-422	11	27
99	Identification of Lewis and Blood Group Carbohydrate Epitopes by Ion Mobility-Tandem-Mass Spectrometry Fingerprinting. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 2318-2325	7.8	44
98	Molecular Architecture of the Cleavage-Dependent Mannose Patch on a Soluble HIV-1 Envelope Glycoprotein Trimer. <i>Journal of Virology</i> , <b>2017</b> , 91,	6.6	56
97	GlycoMob: an ion mobility-mass spectrometry collision cross section database for glycomics. <i>Glycoconjugate Journal</i> , <b>2016</b> , 33, 399-404	3	59
96	Travelling-wave ion mobility mass spectrometry and negative ion fragmentation of hybrid and complex N-glycans. <i>Journal of Mass Spectrometry</i> , <b>2016</b> , 51, 1064-1079	2.2	26
95	Analysis of Protein Glycosylation by Mass Spectrometry <b>2016</b> , 89-159		2
94	Fragmentation and ion mobility properties of negative ions from N-linked carbohydrates: Part 7. Reduced glycans. <i>Rapid Communications in Mass Spectrometry</i> , <b>2016</b> , 30, 627-34	2.2	27
93	Composition and Antigenic Effects of Individual Glycan Sites of a Trimeric HIV-1 Envelope Glycoprotein. <i>Cell Reports</i> , <b>2016</b> , 14, 2695-706	10.6	193
92	Structural characterization and biological implications of sulfated N-glycans in a serine protease from the neotropical moth <i>Hylesia metabus</i> (Cramer [1775]) (Lepidoptera: Saturniidae). <i>Glycobiology</i> , <b>2016</b> , 26, 230-50	5.8	17
91	Travelling-wave ion mobility and negative ion fragmentation of high-mannose N-glycans. <i>Journal of Mass Spectrometry</i> , <b>2016</b> , 51, 219-35	2.2	32
90	Antibody production using a ciliate generates unusual antibody glycoforms displaying enhanced cell-killing activity. <i>MAbs</i> , <b>2016</b> , 8, 1498-1511	6.6	10
89	Ion Mobility Mass Spectrometry for Ion Recovery and Clean-Up of MS and MS/MS Spectra Obtained from Low Abundance Viral Samples. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2015</b> , 26, 1754-67	3.5	25

88	Cell- and Protein-Directed Glycosylation of Native Cleaved HIV-1 Envelope. <i>Journal of Virology</i> , <b>2015</b> , 89, 8932-44	6.6	72
87	Determination of N-linked Glycosylation in Viral Glycoproteins by Negative Ion Mass Spectrometry and Ion Mobility. <i>Methods in Molecular Biology</i> , <b>2015</b> , 1331, 93-121	1.4	9
86	Analysis of carbohydrates and glycoconjugates by matrix-assisted laser desorption/ionization mass spectrometry: an update for 2009-2010. <i>Mass Spectrometry Reviews</i> , <b>2015</b> , 34, 268-422	11	53
85	Soluble human TLR2 ectodomain binds diacylglycerol from microbial lipopeptides and glycolipids. <i>Innate Immunity</i> , <b>2015</b> , 21, 175-93	2.7	21
84	Comparison of Follicle-Stimulating Hormone Glycosylation Microheterogeneity by Quantitative Negative Mode Nano-Electrospray Mass Spectrometry of Peptide-N Glycanase-Released Oligosaccharides. <i>Journal of Glycomics &amp; Lipidomics</i> , <b>2015</b> , 5,		24
83	Production, purification, and characterization of recombinant hFSH glycoforms for functional studies. <i>Molecular and Cellular Endocrinology</i> , <b>2015</b> , 405, 42-51	4.4	35
82	Estimating collision cross sections of negatively charged N-glycans using traveling wave ion mobility-mass spectrometry. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 10789-95	7.8	74
81	Structural plasticity of the Semliki Forest virus glycome upon interspecies transmission. <i>Journal of Proteome Research</i> , <b>2014</b> , 13, 1702-12	5.6	23
80	Fragmentation of negative ions from N-linked carbohydrates: part 6. Glycans containing one N-acetylglucosamine in the core. <i>Rapid Communications in Mass Spectrometry</i> , <b>2014</b> , 28, 2008-18	2.2	25
79	Hypo-glycosylated human follicle-stimulating hormone (hFSH(21/18)) is much more active in vitro than fully-glycosylated hFSH (hFSH(24)). <i>Molecular and Cellular Endocrinology</i> , <b>2014</b> , 382, 989-97	4.4	52
78	Groove-type recognition of chlamydiaceae-specific lipopolysaccharide antigen by a family of antibodies possessing an unusual variable heavy chain N-linked glycan. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 16644-61	5.4	13
77	Macro- and Micro-heterogeneity in Pituitary and Urinary Follicle-Stimulating Hormone Glycosylation. <i>Journal of Glycomics &amp; Lipidomics</i> , <b>2014</b> , 4,		28
76	Uukuniemi Phlebovirus assembly and secretion leave a functional imprint on the virion glycome. <i>Journal of Virology</i> , <b>2014</b> , 88, 10244-51	6.6	22
75	Fragments of bacterial endoglycosidase s and immunoglobulin g reveal subdomains of each that contribute to deglycosylation. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 13876-89	5.4	18
74	Ion mobility-mass spectrometry of complex carbohydrates: collision cross sections of sodiated N-linked glycans. <i>Analytical Chemistry</i> , <b>2013</b> , 85, 5138-45	7.8	112
73	Travelling wave ion mobility and negative ion fragmentation for the structural determination of N-linked glycans. <i>Electrophoresis</i> , <b>2013</b> , 34, 2368-78	3.6	49
72	Analysis of carbohydrates and glycoconjugates by matrix-assisted laser desorption/ionization mass spectrometry: an update for 2007-2008. <i>Mass Spectrometry Reviews</i> , <b>2012</b> , 31, 183-311	11	77
71	MALDI-MS/MS with traveling wave ion mobility for the structural analysis of N-linked glycans. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2012</b> , 23, 1955-66	3.5	49

70	Ion mobility mass spectrometry for extracting spectra of N-glycans directly from incubation mixtures following glycan release: application to glycans from engineered glycoforms of intact, folded HIV gp120. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2011</b> , 22, 568-81	3.5	61
69	Symbol nomenclature for representing glycan structures: Extension to cover different carbohydrate types. <i>Proteomics</i> , <b>2011</b> , 11, 4291-5	4.8	35
68	Analysis of carbohydrates and glycoconjugates by matrix-assisted laser desorption/ionization mass spectrometry: an update for the period 2005-2006. <i>Mass Spectrometry Reviews</i> , <b>2011</b> , 30, 1-100	11	68
67	Derivatization of carbohydrates for analysis by chromatography; electrophoresis and mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2011</b> , 879, 1196-225	3.2	180
66	Endoplasmic reticulum-associated degradation (ERAD) and free oligosaccharide generation in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 41786-41800	5.4	23
65	Dimeric architecture of the Hendra virus attachment glycoprotein: evidence for a conserved mode of assembly. <i>Journal of Virology</i> , <b>2010</b> , 84, 6208-17	6.6	75
64	Envelope glycans of immunodeficiency virions are almost entirely oligomannose antigens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 13800-5	11.5	275
63	The N-glycosylation of classical swine fever virus E2 glycoprotein extracellular domain expressed in the milk of goat. <i>Archives of Biochemistry and Biophysics</i> , <b>2010</b> , 500, 169-80	4.1	6
62	Characterization of simple isomeric oligosaccharides and the rapid separation of glycan mixtures by ion mobility mass spectrometry. <i>International Journal of Mass Spectrometry</i> , <b>2010</b> , 298, 119-127	1.9	112
61	Identification of N-linked carbohydrates from severe acute respiratory syndrome (SARS) spike glycoprotein. <i>Virology</i> , <b>2010</b> , 399, 257-69	3.6	76
60	Fragmentation of negative ions from N-linked carbohydrates, part 4. Fragmentation of complex glycans lacking substitution on the 6-antenna. <i>Journal of Mass Spectrometry</i> , <b>2010</b> , 45, 528-35	2.2	38
59	Identification of N-glycans from Ebola virus glycoproteins by matrix-assisted laser desorption/ionisation time-of-flight and negative ion electrospray tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2010</b> , 24, 571-85	2.2	28
58	Analysis of carbohydrates and glycoconjugates by matrix-assisted laser desorption/ionization mass spectrometry: An update for 2003-2004. <i>Mass Spectrometry Reviews</i> , <b>2009</b> , 28, 273-361	11	82
57	Application of negative ion MS/MS to the identification of N-glycans released from carcinoembryonic antigen cell adhesion molecule 1 (CEACAM1). <i>Journal of Mass Spectrometry</i> , <b>2009</b> , 44, 50-60	2.2	13
56	Identification of high-mannose and multiantennary complex-type N-linked glycans containing alpha-galactose epitopes from Nurse shark IgM heavy chain. <i>Glycoconjugate Journal</i> , <b>2009</b> , 26, 1055-64	3	11
55	Proposal for a standard system for drawing structural diagrams of N- and O-linked carbohydrates and related compounds. <i>Proteomics</i> , <b>2009</b> , 9, 3796-801	4.8	218
54	Derivatization of sialic acids for stabilization in matrix-assisted laser desorption/ionization mass spectrometry and concomitant differentiation of alpha(2 --> 3)- and alpha(2 --> 6)-isomers. <i>Rapid Communications in Mass Spectrometry</i> , <b>2009</b> , 23, 303-12	2.2	132
53	N-glycosylation pattern of E2 glycoprotein from classical swine fever virus. <i>Journal of Proteome Research</i> , <b>2009</b> , 8, 546-55	5.6	16

52	Crystal structure and carbohydrate analysis of Nipah virus attachment glycoprotein: a template for antiviral and vaccine design. <i>Journal of Virology</i> , <b>2008</b> , 82, 11628-36	6.6	89
51	Differentiation between isomeric triantennary N-linked glycans by negative ion tandem mass spectrometry and confirmation of glycans containing galactose attached to the bisecting (beta1-4-GlcNAc) residue in N-glycans from IgG. <i>Rapid Communications in Mass Spectrometry</i> , <b>2008</b> , 22, 1047-52	2.2	43
50	Analysis of carbohydrates and glycoconjugates by matrix-assisted laser desorption/ionization mass spectrometry: an update covering the period 2001-2002. <i>Mass Spectrometry Reviews</i> , <b>2008</b> , 27, 125-201	11	70
49	Structural and quantitative analysis of N-linked glycans by matrix-assisted laser desorption ionization and negative ion nanospray mass spectrometry. <i>Analytical Biochemistry</i> , <b>2008</b> , 376, 44-60	3.1	171
48	Analysis of carbohydrates and glycoconjugates by matrix-assisted laser desorption/ionization mass spectrometry: An update covering the period 1999-2000. <i>Mass Spectrometry Reviews</i> , <b>2006</b> , 25, 595-662	11	112
47	Proteomic analysis of glycosylation: structural determination of N- and O-linked glycans by mass spectrometry. <i>Expert Review of Proteomics</i> , <b>2005</b> , 2, 87-101	4.2	125
46	A new charge-associated mechanism to account for the production of fragment ions in the high-energy CID spectra of fatty acids. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2005</b> , 16, 280-90	3.5	30
45	Fragmentation of negative ions from carbohydrates: part 1. Use of nitrate and other anionic adducts for the production of negative ion electrospray spectra from N-linked carbohydrates. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2005</b> , 16, 622-30	3.5	219
44	Fragmentation of negative ions from carbohydrates: part 2. Fragmentation of high-mannose N-linked glycans. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2005</b> , 16, 631-46	3.5	189
43	Fragmentation of negative ions from carbohydrates: part 3. Fragmentation of hybrid and complex N-linked glycans. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2005</b> , 16, 647-59	3.5	207
42	Collision-induced fragmentation of negative ions from N-linked glycans derivatized with 2-aminobenzoic acid. <i>Journal of Mass Spectrometry</i> , <b>2005</b> , 40, 642-53	2.2	51
41	Structural determination of N-linked glycans by matrix-assisted laser desorption/ionization and electrospray ionization mass spectrometry. <i>Proteomics</i> , <b>2005</b> , 5, 1774-86	4.8	111
40	Halogeno-substituted 2-aminobenzoic acid derivatives for negative ion fragmentation studies of N-linked carbohydrates. <i>Rapid Communications in Mass Spectrometry</i> , <b>2005</b> , 19, 397-400	2.2	9
39	Ionization and fragmentation of N-linked glycans as silver adducts by electrospray mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2005</b> , 19, 484-92	2.2	12
38	Fragmentation of N-linked glycans with a matrix-assisted laser desorption/ionization ion trap time-of-flight mass spectrometer. <i>Rapid Communications in Mass Spectrometry</i> , <b>2004</b> , 18, 2997-3007	2.2	51
37	Recovery of intact 2-aminobenzamide-labeled O-glycans released from glycoproteins by hydrazinolysis. <i>Analytical Biochemistry</i> , <b>2002</b> , 304, 91-9	3.1	113
36	"Internal residue loss": rearrangements occurring during the fragmentation of carbohydrates derivatized at the reducing terminus. <i>Analytical Chemistry</i> , <b>2002</b> , 74, 734-40	7.8	132
35	A family of novel, acidic N-glycans in Bowes melanoma tissue plasminogen activator have L2/HNK-1-bearing antennae, many with sulfation of the fucosylated chitobiose core. <i>FEBS Journal</i> , <b>2001</b> , 268, 4063-78		11

34	Ionization and collision-induced fragmentation of N-linked and related carbohydrates using divalent cations. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2001</b> , 12, 926-37	3.5	53
33	Ionization and fragmentation of neutral and acidic glycosphingolipids with a Q-TOF mass spectrometer fitted with a MALDI ion source. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2001</b> , 12, 1220-5	3.5	45
32	N-(2-diethylamino)ethyl-4-aminobenzamide derivative for high sensitivity mass spectrometric detection and structure determination of N-linked carbohydrates. <i>Rapid Communications in Mass Spectrometry</i> , <b>2000</b> , 14, 862-71	2.2	34
31	Electrospray mass spectrometry and fragmentation of N-linked carbohydrates derivatized at the reducing terminus. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2000</b> , 11, 900-15	3.5	175
30	Negative ion mass spectrometry of sialylated carbohydrates: discrimination of N-acetylneuraminic acid linkages by MALDI-TOF and ESI-TOF mass spectrometry. <i>Analytical Chemistry</i> , <b>2000</b> , 72, 5027-39	7.8	119
29	Electrospray mass spectrometry and collision-induced fragmentation of 2-aminobenzamide-labelled neutral N-linked glycans. <i>Analyst, The</i> , <b>2000</b> , 125, 609-617	5	31
28	Relationship between in-source and post-source fragment ions in the matrix-assisted laser desorption (ionization) mass spectra of carbohydrates recorded with reflectron time-of-flight mass spectrometers. <i>International Journal of Mass Spectrometry</i> , <b>1999</b> , 188, 131-146	1.9	56
27	Characterisation of tissue-specific oligosaccharides from rat brain and kidney membrane preparations enriched in Na <sup>+</sup> ,K <sup>+</sup> -ATPase. <i>Glycoconjugate Journal</i> , <b>1999</b> , 16, 437-56	3	4
26	Matrix-assisted laser desorption/ionization mass spectrometry of carbohydrates. <i>Mass Spectrometry Reviews</i> , <b>1999</b> , 18, 349-450	11	661
25	Sugars including erythronic and threonic acids in human aqueous humour. <i>Current Eye Research</i> , <b>1999</b> , 19, 131-6	2.9	21
24	Matrix-assisted laser desorption/ionization mass spectrometry of carbohydrates <b>1999</b> , 18, 349		16
23	Perspectives in the glycosciences--matrix-assisted laser desorption/ionization (MALDI) mass spectrometry of carbohydrates. <i>Glycoconjugate Journal</i> , <b>1998</b> , 15, 333-8	3	34
22	Structural analysis of the CD5 antigen--expression, disulphide bond analysis and physical characterisation of CD5 scavenger receptor superfamily domain 1. <i>FEBS Journal</i> , <b>1998</b> , 257, 131-41		21
21	Sialylated N-glycans in adult rat brain tissue--a widespread distribution of disialylated antennae in complex and hybrid structures. <i>FEBS Journal</i> , <b>1998</b> , 258, 243-70		64
20	Identification of highly fucosylated N-linked oligosaccharides from the human parotid gland. <i>FEBS Journal</i> , <b>1998</b> , 258, 623-56		56
19	Structural determination of N-linked carbohydrates by matrix-assisted laser desorption/ionization-mass spectrometry following enzymatic release within sodium dodecyl sulphate-polyacrylamide electrophoresis gels: application to species-specific glycosylation of alpha1-acid glycoprotein. <i>Electrophoresis</i> , <b>1998</b> , 19, 1950-9	3.6	56
18	Use of a conventional point detector to record matrix-assisted laser desorption/ionization spectra from a magnetic sector instrument. <i>Rapid Communications in Mass Spectrometry</i> , <b>1998</b> , 12, 1721-1726	2.2	6
17	Picolinyl esters for the structural determination of fatty acids by GC/MS. <i>Molecular Biotechnology</i> , <b>1998</b> , 10, 251-60	3	32

16	Functional comparison of two human monocyte chemotactic protein-2 isoforms, role of the amino-terminal pyroglutamic acid and processing by CD26/dipeptidyl peptidase IV. <i>Biochemistry</i> , <b>1998</b> , 37, 12672-80	3.2	130
15	Electrospray ionization-ion trap mass spectrometry for structural analysis of complex N-linked glycoprotein oligosaccharides. <i>Analytical Chemistry</i> , <b>1998</b> , 70, 4441-7	7.8	139
14	The glycosylation of the influenza A virus hemagglutinin by mammalian cells. A site-specific study. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 4027-36	5.4	84
13	Variations in oligosaccharide-protein interactions in immunoglobulin G determine the site-specific glycosylation profiles and modulate the dynamic motion of the Fc oligosaccharides. <i>Biochemistry</i> , <b>1997</b> , 36, 1370-80	3.2	178
12	Oligosaccharide sequencing technology. <i>Nature</i> , <b>1997</b> , 388, 205-7	50.4	134
11	High-energy collision-induced fragmentation of complex oligosaccharides ionized by matrix-assisted laser desorption/ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , <b>1997</b> , 32, 167-87	2.2	135
10	Characterization of oligosaccharide composition and structure by quadrupole ion trap mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>1997</b> , 11, 1493-504	2.2	114
9	Stabilization of sialic acids in N-linked oligosaccharides and gangliosides for analysis by positive ion matrix-assisted laser desorption/ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>1996</b> , 10, 1027-32	2.2	221
8	Effect of the reducing-terminal substituents on the high energy collision-induced dissociation matrix-assisted laser desorption/ionization mass spectra of oligosaccharides. <i>Rapid Communications in Mass Spectrometry</i> , <b>1996</b> , 10, 1645-51	2.2	38
7	Stabilization of Sialic Acids in N-linked Oligosaccharides and Gangliosides for Analysis by Positive Ion Matrix-assisted Laser Desorption/Ionization Mass Spectrometry <b>1996</b> , 10, 1027		8
6	Comparison of fragmentation modes for the structural determination of complex oligosaccharides ionized by matrix-assisted laser desorption/ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>1995</b> , 9, 1556-61	2.2	79
5	Determination of N-terminal myristoylation of proteins using a combined gas chromatographic/mass spectrometric assay of derived myristoylglycine: Electron impact-induced fragmentation of acylglycine derivatives. <i>Journal of Mass Spectrometry</i> , <b>1995</b> , 30, 900-910	2.2	5
4	Matrix-assisted laser desorption/ionization mass spectrometry of sphingo- and glycosphingo-lipids. <i>Journal of Mass Spectrometry</i> , <b>1995</b> , 30, 1311-1324	2.2	68
3	Matrix-assisted laser desorption mass spectrometry on a magnetic sector instrument fitted with an array detector. <i>Rapid Communications in Mass Spectrometry</i> , <b>1994</b> , 8, 585-589	2.2	31
2	Analysis of glycoprotein-associated oligosaccharides. <i>Annual Review of Biochemistry</i> , <b>1993</b> , 62, 65-100	29.1	188
1	Molecular characterization of <i>Limulus polyphemus</i> C-reactive protein. I. Subunit composition. <i>FEBS Journal</i> , <b>1993</b> , 214, 91-7		37