

# David J Harvey

## List of Publications by Year in descending order

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124  
papers

9,179  
citations

36299

51  
h-index

45310

90  
g-index

128  
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128  
docs citations

128  
times ranked

6466  
citing authors

#	ARTICLE	IF	CITATIONS
1	Matrix-assisted laser desorption/ionization mass spectrometry of carbohydrates. <i>Mass Spectrometry Reviews</i> , 1999, 18, 349-450.	5.4	713
2	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> , 2010, 107, 13800-13805.	7.1	309
3	Composition and Antigenic Effects of Individual Glycan Sites of a Trimeric HIV-1 Envelope Glycoprotein. <i>Cell Reports</i> , 2016, 14, 2695-2706.	6.4	250
4	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> , 2005, 16, 622-630.	2.8	238
5	Proposal for a standard system for drawing structural diagrams of N- and O-linked carbohydrates and related compounds. <i>Proteomics</i> , 2009, 9, 3796-3801.	2.2	238
6	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> , 1996, 10, 1027-1032.	1.5	237
7	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> , 2005, 16, 647-659.	2.8	220
8	Analysis of Glycoprotein-Associated Oligosaccharides. <i>Annual Review of Biochemistry</i> , 1993, 62, 65-100.	11.1	212
9	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> , 2011, 879, 1196-1225.	2.3	210
10	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> , 2005, 16, 631-646.	2.8	203
11	Structural and quantitative analysis of N-linked glycans by matrix-assisted laser desorption ionization and negative ion nanospray mass spectrometry. <i>Analytical Biochemistry</i> , 2008, 376, 44-60.	2.4	192
12	Electrospray mass spectrometry and fragmentation of N-linked carbohydrates derivatized at the reducing terminus. <i>Journal of the American Society for Mass Spectrometry</i> , 2000, 11, 900-915.	2.8	191
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> , 1997, 36, 1370-1380.	2.5	188
14	Derivatization of sialic acids for stabilization in matrix-assisted laser desorption/ionization mass spectrometry and concomitant differentiation of N- and O-linked oligosaccharides. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 303-312.	1.2	162
15	High-energy Collision-induced Fragmentation of Complex Oligosaccharides Ionized by Matrix-assisted Laser Desorption/Ionization Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 1997, 32, 167-187.		151
16	Electrospray Ionization-Ion Trap Mass Spectrometry for Structural Analysis of Complex N-Linked Glycoprotein Oligosaccharides. <i>Analytical Chemistry</i> , 1998, 70, 4441-4447.	6.5	148
17	Internal Residue Loss and Rearrangements Occurring during the Fragmentation of Carbohydrates Derivatized at the Reducing Terminus. <i>Analytical Chemistry</i> , 2002, 74, 734-740.	6.5	147
18	Oligosaccharide sequencing technology. <i>Nature</i> , 1997, 388, 205-207.	27.8	144

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19	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> , 1998, 37, 12672-12680.	2.5	141
20	Proteomic analysis of glycosylation: structural determination of N- and O-linked glycans by mass spectrometry. <i>Expert Review of Proteomics</i> , 2005, 2, 87-101.	3.0	134
21	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> , 2000, 72, 5027-5039.	6.5	131
22	Characterization of oligosaccharide composition and structure by quadrupole ion trap mass spectrometry. <i>Journal of Mass Spectrometry</i> , 1997, 11, 1493-1504.		125
23	Structural determination of N-linked glycans by matrix-assisted laser desorption/ionization and electrospray ionization mass spectrometry. <i>Proteomics</i> , 2005, 5, 1774-1786.	2.2	124
24	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> , 2006, 25, 595-662.	5.4	124
25	Ion Mobility Mass Spectrometry of Complex Carbohydrates: Collision Cross Sections of Sialylated N-linked Glycans. <i>Analytical Chemistry</i> , 2013, 85, 5138-5145.	6.5	121
26	Recovery of Intact 2-Aminobenzamide-Labeled O-Glycans Released from Glycoproteins by Hydrazinolysis. <i>Analytical Biochemistry</i> , 2002, 304, 91-99.	2.4	120
27	Site-Specific Glycosylation of Virion-Derived HIV-1 Env Is Mimicked by a Soluble Trimeric Immunogen. <i>Cell Reports</i> , 2018, 24, 1958-1966.e5.	6.4	120
28	Characterization of simple isomeric oligosaccharides and the rapid separation of glycan mixtures by ion mobility mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2010, 298, 119-127.	1.5	114
29	Crystal Structure and Carbohydrate Analysis of Nipah Virus Attachment Glycoprotein: a Template for Antiviral and Vaccine Design. <i>Journal of Virology</i> , 2008, 82, 11628-11636.	3.4	109
30	Identification of N-linked carbohydrates from severe acute respiratory syndrome (SARS) spike glycoprotein. <i>Virology</i> , 2010, 399, 257-269.	2.4	100
31	Analysis of carbohydrates and glycoconjugates by matrix-assisted laser desorption/ionization mass spectrometry: An update for 2003-2004. <i>Mass Spectrometry Reviews</i> , 2009, 28, 273-361.	5.4	95
32	N-glycan microheterogeneity regulates interactions of plasma proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8763-8768.	7.1	94
33	The Glycosylation of the Influenza A Virus Hemagglutinin by Mammalian Cells. <i>Journal of Biological Chemistry</i> , 1997, 272, 4027-4036.	3.4	90
34	Dimeric Architecture of the Hendra Virus Attachment Glycoprotein: Evidence for a Conserved Mode of Assembly. <i>Journal of Virology</i> , 2010, 84, 6208-6217.	3.4	90
35	Cell- and Protein-Directed Glycosylation of Native Cleaved HIV-1 Envelope. <i>Journal of Virology</i> , 2015, 89, 8932-8944.	3.4	88
36	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> , 1995, 9, 1556-1561.	1.5	87

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37	NIST Interlaboratory Study on Glycosylation Analysis of Monoclonal Antibodies: Comparison of Results from Diverse Analytical Methods. <i>Molecular and Cellular Proteomics</i> , 2020, 19, 11-30.	3.8	87
38	Estimating Collision Cross Sections of Negatively Charged N-Glycans using Traveling Wave Ion Mobility-Mass Spectrometry. <i>Analytical Chemistry</i> , 2014, 86, 10789-10795.	6.5	86
39	Analysis of carbohydrates and glycoconjugates by matrix-assisted laser desorption/ionization mass spectrometry: An update for 2007–2008. <i>Mass Spectrometry Reviews</i> , 2012, 31, 183-311.	5.4	80
40	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> , 2008, 27, 125-201.	5.4	77
41	Molecular Architecture of the Cleavage-Dependent Mannose Patch on a Soluble HIV-1 Envelope Glycoprotein Trimer. <i>Journal of Virology</i> , 2017, 91, .	3.4	77
42	Sialylated N-glycans in adult rat brain tissue. A widespread distribution of disialylated antennae in complex and hybrid structures. <i>FEBS Journal</i> , 1998, 258, 243-270.	0.2	76
43	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> , 2011, 30, 1-100.	5.4	76
44	Matrix-assisted laser desorption/ionization mass spectrometry of sphingo- and glycosphingo-lipids. <i>Journal of Mass Spectrometry</i> , 1995, 30, 1311-1324.	1.6	74
45	GlycoMob: an ion mobility-mass spectrometry collision cross section database for glycomics. <i>Glycoconjugate Journal</i> , 2016, 33, 399-404.	2.7	73
46	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> , 2011, 22, 568-581.	2.8	65
47	Identification of highly fucosylated N-linked oligosaccharides from the human parotid gland. <i>FEBS Journal</i> , 1998, 258, 623-656.	0.2	64
48	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 $\beta$ 1-acid glycoprotein. <i>Electrophoresis</i> , 1998, 19, 1950-1959.	2.4	63
49	Ionization and collision-induced fragmentation of N-linked and related carbohydrates using divalent cations. <i>Journal of the American Society for Mass Spectrometry</i> , 2001, 12, 926-937.	2.8	63
50	Analysis of carbohydrates and glycoconjugates by matrix-assisted laser desorption/ionization mass spectrometry: An update for 2009–2010. <i>Mass Spectrometry Reviews</i> , 2015, 34, 268-422.	5.4	63
51	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> , 1999, 188, 131-146.	1.5	61
52	Hypo-glycosylated human follicle-stimulating hormone (hFSH21/18) is much more active in vitro than fully-glycosylated hFSH (hFSH24). <i>Molecular and Cellular Endocrinology</i> , 2014, 382, 989-997.	3.2	60
53	Identification of Lewis and Blood Group Carbohydrate Epitopes by Ion Mobility-Tandem-Mass Spectrometry Fingerprinting. <i>Analytical Chemistry</i> , 2017, 89, 2318-2325.	6.5	57
54	Collision-induced fragmentation of negative ions from N-linked glycans derivatized with 2-aminobenzoic acid. <i>Journal of Mass Spectrometry</i> , 2005, 40, 642-653.	1.6	54

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55	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> , 2004, 18, 2997-3007.	1.5	53
56	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> , 2012, 23, 1955-1966.	2.8	52
57	Fucose Migration in Intact Protonated Glycan Ions: A Universal Phenomenon in Mass Spectrometry. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7440-7443.	13.8	51
58	Analysis of carbohydrates and glycoconjugates by matrix-assisted laser desorption/ionization mass spectrometry: An update for 2013-2014. <i>Mass Spectrometry Reviews</i> , 2018, 37, 353-491.	5.4	51
59	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> , 2001, 12, 1220-1225.	2.8	49
60	Travelling wave ion mobility and negative ion fragmentation for the structural determination of N-linked glycans. <i>Electrophoresis</i> , 2013, 34, 2368-2378.	2.4	49
61	Differentiation between isomeric triantennary N-linked glycans by negative ion tandem mass spectrometry and confirmation of glycans containing galactose attached to the bisecting (N-glycanase-sensitive) residue in N-glycans from IgG. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 1047-1052.	1.5	48
62	Symbol nomenclature for representing glycan structures: Extension to cover different carbohydrate types. <i>Proteomics</i> , 2011, 11, 4291-4295.	2.2	47
63	Networks of HIV-1 Envelope Glycans Maintain Antibody Epitopes in the Face of Glycan Additions and Deletions. <i>Structure</i> , 2020, 28, 897-909.e6.	3.3	46
64	Effect of the Reducing-terminal Substituents on the High Energy Collision-induced Dissociation Matrix-assisted Laser Desorption/Ionization Mass Spectra of Oligosaccharides. , 1996, 10, 1645-1651.		44
65	Molecular characterization of <i>Limulus polyphemus</i> C-reactive protein. I. Subunit composition. <i>FEBS Journal</i> , 1993, 214, 91-97.	0.2	42
66	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> , 2010, 45, 528-535.	1.6	42
67	Production, purification, and characterization of recombinant hFSH glycoforms for functional studies. <i>Molecular and Cellular Endocrinology</i> , 2015, 405, 42-51.	3.2	42
68	Perspectives in the glycosciences--matrix-assisted laser desorption/ionization (MALDI) mass spectrometry of carbohydrates. <i>Glycoconjugate Journal</i> , 1998, 15, 333-338.	2.7	41
69	N-(2-Diethylamino)ethyl-4-aminobenzamide derivative for high sensitivity mass spectrometric detection and structure determination of N-linked carbohydrates. , 2000, 14, 862-871.		41
70	Separation of Isomeric O-Glycans by Ion Mobility and Liquid Chromatography-Mass Spectrometry. <i>Analytical Chemistry</i> , 2019, 91, 10604-10613.	6.5	40
71	Identification of N-glycans from Ebola virus glycoproteins by matrix-assisted laser desorption/ionization time-of-flight and negative ion electrospray tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 571-585.	1.5	36
72	Matrix-assisted laser desorption mass spectrometry on a magnetic sector instrument fitted with an array detector. <i>Rapid Communications in Mass Spectrometry</i> , 1994, 8, 585-589.	1.5	35

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73	Picolinyl esters for the structural determination of fatty acids by GC/MS. <i>Molecular Biotechnology</i> , 1998, 10, 251-260.	2.4	35
74	Electrospray mass spectrometry and collision-induced fragmentation of 2-aminobenzamide-labelled neutral N-linked glycans. <i>Analyst</i> , 2000, 125, 609-617.	3.5	34
75	Travelling-wave ion mobility and negative ion fragmentation of high-mannose N-glycans. <i>Journal of Mass Spectrometry</i> , 2016, 51, 219-235.	1.6	34
76	Macro and Micro Heterogeneity in Pituitary and Urinary Follicle-Stimulating Hormone Glycosylation. <i>Journal of Glycomics &amp; Lipidomics</i> , 2014, 04, .	0.4	33
77	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> , 2015, 05, .	0.4	32
78	Analysis of carbohydrates and glycoconjugates by matrix-assisted laser desorption/ionization mass spectrometry: An update for 2011-2012. <i>Mass Spectrometry Reviews</i> , 2017, 36, 255-422.	5.4	32
79	MASS SPECTROMETRIC FRAGMENTATION OF TRIMETHYLSILYL AND RELATED ALKYL-SILYL DERIVATIVES. <i>Mass Spectrometry Reviews</i> , 2020, 39, 105-211.	5.4	32
80	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> , 2005, 16, 280-290.	2.8	31
81	Endoplasmic Reticulum-associated Degradation (ERAD) and Free Oligosaccharide Generation in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 2011, 286, 41786-41800.	3.4	31
82	Sugars including erythronic and threonic acids in human aqueous humour. <i>Current Eye Research</i> , 1999, 19, 131-136.	1.5	30
83	Fragmentation and ion mobility properties of negative ions from N-linked carbohydrates: Part 7. Reduced glycans. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 627-634.	1.5	30
84	NEGATIVE ION MASS SPECTROMETRY FOR THE ANALYSIS OF N-LINKED GLYCANS. <i>Mass Spectrometry Reviews</i> , 2020, 39, 586-679.	5.4	30
85	Follicle-Stimulating Hormone Glycobiology. <i>Endocrinology</i> , 2019, 160, 1515-1535.	2.8	29
86	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> , 2015, 26, 1754-1767.	2.8	28
87	Travelling-wave ion mobility mass spectrometry and negative ion fragmentation of hybrid and complex N-glycans. <i>Journal of Mass Spectrometry</i> , 2016, 51, 1064-1079.	1.6	28
88	Fragments of Bacterial Endoglycosidase S and Immunoglobulin G Reveal Subdomains of Each That Contribute to Deglycosylation. <i>Journal of Biological Chemistry</i> , 2014, 289, 13876-13889.	3.4	27
89	Structural Plasticity of the Semliki Forest Virus Glycome upon Interspecies Transmission. <i>Journal of Proteome Research</i> , 2014, 13, 1702-1712.	3.7	26
90	Collision Cross Sections and Ion Mobility Separation of Fragment Ions from Complex N-Glycans. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 1250-1261.	2.8	26

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91	Structural analysis of the CD5 antigen. Expression, disulphide bond analysis and physical characterisation of CD5 scavenger receptor superfamily domain 1. <i>FEBS Journal</i> , 1998, 257, 131-141.	0.2	25
92	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> , 2014, 28, 2008-2018.	1.5	25
93	Soluble human TLR2 ectodomain binds diacylglycerol from microbial lipopeptides and glycolipids. <i>Innate Immunity</i> , 2015, 21, 175-193.	2.4	25
94	Integrity of Glycosylation Processing of a Glycan-Depleted Trimeric HIV-1 Immunogen Targeting Key B-Cell Lineages. <i>Journal of Proteome Research</i> , 2018, 17, 987-999.	3.7	23
95	Uukuniemi Phlebovirus Assembly and Secretion Leave a Functional Imprint on the Virion Glycome. <i>Journal of Virology</i> , 2014, 88, 10244-10251.	3.4	22
96	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> , 2018, 29, 1179-1193.	2.8	22
97	Isomer Information from Ion Mobility Separation of High-Mannose Glycan Fragments. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 972-988.	2.8	21
98	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> , 2015, 26, cwv096.	2.5	18
99	ANALYSIS OF CARBOHYDRATES AND GLYCOCONJUGATES BY MATRIX-ASSISTED LASER DESORPTION/IONIZATION MASS SPECTROMETRY: AN UPDATE FOR 2015-2016. <i>Mass Spectrometry Reviews</i> , 2021, 40, 408-565.	5.4	18
100	N-Glycosylation Pattern of E2 Glycoprotein from Classical Swine Fever Virus. <i>Journal of Proteome Research</i> , 2009, 8, 546-555.	3.7	17
101	Matrix-assisted laser desorption/ionization mass spectrometry of carbohydrates. <i>Mass Spectrometry Reviews</i> , 1999, 18, 349-450.	5.4	16
102	Ionization and fragmentation of N-linked glycans as silver adducts by electrospray mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 484-492.	1.5	15
103	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> , 2014, 289, 16644-16661.	3.4	15
104	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> , 2009, 44, 50-60.	1.6	14
105	Antibody production using a ciliate generates unusual antibody glycoforms displaying enhanced cell-killing activity. <i>MAbs</i> , 2016, 8, 1498-1511.	5.2	14
106	Mass spectrometric analysis of glycosylated viral proteins. <i>Expert Review of Proteomics</i> , 2018, 15, 391-412.	3.0	13
107	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> , 2001, 268, 4063-4078.	0.2	12
108	Identification of high-mannose and multiantennary complex-type N-linked glycans containing $\beta$ -galactose epitopes from Nurse shark IgM heavy chain. <i>Glycoconjugate Journal</i> , 2009, 26, 1055-1064.	2.7	11

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109	Determination of N-linked Glycosylation in Viral Glycoproteins by Negative Ion Mass Spectrometry and Ion Mobility. <i>Methods in Molecular Biology</i> , 2015, 1331, 93-121.	0.9	11
110	Halogeno-substituted 2-aminobenzoic acid derivatives for negative ion fragmentation studies of N-linked carbohydrates. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 397-400.	1.5	10
111	Analysis of carbohydrates and glycoconjugates by matrix-assisted laser desorption/ionization mass spectrometry: An update for 2017-2018. <i>Mass Spectrometry Reviews</i> , 2023, 42, 227-431.	5.4	10
112	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> , 1996, 10, 1027-1032.	1.5	9
113	Glycosylation profiling of dog serum reveals differences compared to human serum. <i>Glycobiology</i> , 2018, 28, 825-831.	2.5	8
114	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> , 2010, 500, 169-180.	3.0	7
115	Fucose-Migration in intakten protonierten Glykan-Ionen - ein universelles Phänomen in der Massenspektrometrie. <i>Angewandte Chemie</i> , 2018, 130, 7562-7565.	2.0	7
116	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> , 1995, 30, 900-910.	1.6	6
117	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> , 1998, 12, 1721-1726.	1.5	6
118	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> , 1999, 16, 437-456.	2.7	4
119	Ion Mobility-Mass Spectrometry of Glycoconjugates. <i>Methods in Molecular Biology</i> , 2020, 2084, 203-219.	0.9	4
120	In vivo modification of the goat mammary gland glycosylation pathway. <i>New Biotechnology</i> , 2021, 61, 11-21.	4.4	3
121	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> , 2021, 413, 7229-7240.	3.7	1
122	Mass Spectrometry-ionization Methods Overview. , 2018, , .		0
123	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> , 2021, 413, 7277-7294.	3.7	0
124	FGDB: Database of follicle stimulating hormone glycans. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 1635-1640.	4.1	0