

Gary L Glish

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.

149
papers

7,416
citations

43
h-index

83
g-index

159
ext. papers

7,824
ext. citations

5.7
avg, IF

5.57
L-index

#	Paper	IF	Citations
149	Spatially resolved quantification of drug metabolism and efficacy in 3D paper-based tumor mimics. <i>Analytica Chimica Acta</i> , 2021 , 1186, 339091	6.6	1
148	Reactive Oxygen Species, Mitochondrial Membrane Potential, and Cellular Membrane Potential Are Predictors of E-Liquid Induced Cellular Toxicity. <i>Nicotine and Tobacco Research</i> , 2020 , 22, S4-S13	4.9	3
147	Flavored e-liquids increase cytoplasmic Ca levels in airway epithelia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020 , 318, L226-L241	5.8	15
146	Alkali Metal Cationization of Tumor-associated Antigen Peptides for Improved Dissociation and Measurement by Differential Ion Mobility-Mass Spectrometry. <i>Journal of Proteome Research</i> , 2020 , 19, 3176-3183	5.6	
145	Cigarillos Compromise the Mucosal Barrier and Protein Expression in Airway Epithelia. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020 , 63, 767-779	5.7	3
144	Resolution and Assignment of Differential Ion Mobility Spectra of Sarcosine and Isomers. <i>Journal of the American Society for Mass Spectrometry</i> , 2018 , 29, 752-760	3.5	15
143	Fragmentation in the ion transfer optics after differential ion mobility spectrometry produces multiple artifact monomer peaks. <i>International Journal of Mass Spectrometry</i> , 2018 , 425, 47-54	1.9	7
142	Distinguishing Linkage Position and Anomeric Configuration of Glucose-Glucose Disaccharides by Water Adduction to Lithiated Molecules. <i>Analytical Chemistry</i> , 2018 , 90, 2048-2054	7.8	11
141	Use of an Open Port Sampling Interface Coupled to Electrospray Ionization for the On-Line Analysis of Organic Aerosol Particles. <i>Journal of the American Society for Mass Spectrometry</i> , 2018 , 29, 297-303	3.5	9
140	Dual Emitter Nano-Electrospray Ionization Coupled to Differential Ion Mobility Spectrometry-Mass Spectrometry for Shotgun Lipidomics. <i>Analytical Chemistry</i> , 2018 , 90, 9117-9124	7.8	9
139	Evaluation of e-liquid toxicity using an open-source high-throughput screening assay. <i>PLoS Biology</i> , 2018 , 16, e2003904	9.7	79
138	Paper Spray Mass Spectrometry for High-Throughput Quantification of Nicotine and Cotinine. <i>Analytical Methods</i> , 2018 , 10, 46-50	3.2	13
137	Computational modeling and confirmation of leukemia-associated minor histocompatibility antigens. <i>Blood Advances</i> , 2018 , 2, 2052-2062	7.8	13
136	Identifying the D-Pentoses Using Water Adduction to Lithium Cationized Molecule. <i>Journal of the American Society for Mass Spectrometry</i> , 2017 , 28, 1420-1424	3.5	12
135	Flavored e-cigarette liquids reduce proliferation and viability in the CALU3 airway epithelial cell line. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017 , 313, L52-L66	5.8	60
134	Flavored e-cigarette liquids and cinnamaldehyde impair respiratory innate immune cell function. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017 , 313, L278-L292	5.8	126
133	A coaxial extractive electrospray ionization source. <i>Analytical Methods</i> , 2017 , 9, 4997-5002	3.2	4

132	Little Cigars are More Toxic than Cigarettes and Uniquely Change the Airway Gene and Protein Expression. <i>Scientific Reports</i> , 2017 , 7, 46239	4.9	17
131	Distinguishing Biologically Relevant Hexoses by Water Adduction to the Lithium-Cationized Molecule. <i>Analytical Chemistry</i> , 2017 , 89, 10504-10510	7.8	15
130	Variables Affecting the Internal Energy of Peptide Ions During Separation by Differential Ion Mobility Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2017 , 28, 2160-2169	3.5	4
129	Increased Ion Transmission for Differential Ion Mobility Combined with Mass Spectrometry by Implementation of a Flared Inlet Capillary. <i>Journal of the American Society for Mass Spectrometry</i> , 2017 , 28, 119-124	3.5	7
128	Metal Cationization Extractive Electrospray Ionization Mass Spectrometry of Compounds Containing Multiple Oxygens. <i>Journal of the American Society for Mass Spectrometry</i> , 2017 , 28, 1030-1035	3.5	13
127	Improved Differential Ion Mobility Separations Using Linked Scans of Carrier Gas Composition and Compensation Field. <i>Journal of the American Society for Mass Spectrometry</i> , 2015 , 26, 1746-53	3.5	7
126	Probing Mobility-Selected Saccharide Isomers: Selective Ion-Molecule Reactions and Wavelength-Specific IR Activation. <i>Journal of Physical Chemistry A</i> , 2015 , 119, 6057-64	2.8	72
125	Direct analysis of herbicides by paper spray ionization mass spectrometry. <i>Analytical Methods</i> , 2015 , 7, 9808-9816	3.2	31
124	Miniature Flow-Through Low-Temperature Plasma Ionization Source for Ambient Ionization of Gases and Aerosols. <i>Analytical Chemistry</i> , 2015 , 87, 11887-92	7.8	14
123	Peptide/MHC tetramer-based sorting of CD8+ T cells to a leukemia antigen yields clonotypes drawn nonspecifically from an underlying restricted repertoire. <i>Cancer Immunology Research</i> , 2015 , 3, 228-35	12.5	11
122	Resolving powers of >7900 using linked scans: how well does resolving power describe the separation capability of differential ion mobility spectrometry. <i>Analyst, The</i> , 2015 , 140, 6871-8	5	7
121	Low-temperature plasma ionization-mass spectrometry for the analysis of compounds in organic aerosol particles. <i>Analytical Chemistry</i> , 2015 , 87, 2249-54	7.8	13
120	Optimization of peptide separations by differential ion mobility spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2014 , 25, 1592-9	3.5	24
119	Differential ion mobility spectrometry coupled to tandem mass spectrometry enables targeted leukemia antigen detection. <i>Journal of Proteome Research</i> , 2014 , 13, 4356-62	5.6	10
118	Cation recombination energy/coulomb repulsion effects in ETD/ECD as revealed by variation of charge per residue at fixed total charge. <i>Journal of the American Society for Mass Spectrometry</i> , 2013 , 24, 1676-89	3.5	4
117	A novel HLA-A*0201 restricted peptide derived from cathepsin G is an effective immunotherapeutic target in acute myeloid leukemia. <i>Clinical Cancer Research</i> , 2013 , 19, 247-57	12.9	19
116	Quantification of human uridine-diphosphate glucuronosyl transferase 1A isoforms in liver, intestine, and kidney using nanobore liquid chromatography-tandem mass spectrometry. <i>Analytical Chemistry</i> , 2012 , 84, 98-105	7.8	146
115	Triple Quadrupole and Quadrupole Ion Trap Mass Spectrometers 2012 , 1		

114	Tandem mass spectrometric methods for the analysis of iTRAQ labeled peptides in a quadrupole ion trap. <i>International Journal of Mass Spectrometry</i> , 2011 , 308, 260-264	1.9	1
113	A new approach to IRMPD using selective ion dissociation in a quadrupole ion trap. <i>Journal of the American Society for Mass Spectrometry</i> , 2011 , 22, 207-13	3.5	4
112	The effect of ion trap temperature on the dissociation of peptide ions in a quadrupole ion trap. <i>International Journal of Mass Spectrometry</i> , 2011 , 301, 74-83	1.9	10
111	Identification of Leukemia Associated Antigens From ANKRD17 and CDK4 Using Mass Spectrometry Based Screening,. <i>Blood</i> , 2011 , 118, 4020-4020	2.2	1
110	A Novel HLA-A2 Restricted Peptide Derived From Cathepsin G Is An Effective Immunotherapeutic Target for Myeloid Leukemia. <i>Blood</i> , 2011 , 118, 2986-2986	2.2	
109	Formation of cold ion-neutral clusters using superfluid helium nanodroplets. <i>Review of Scientific Instruments</i> , 2010 , 81, 054101	1.7	8
108	Collisional Cooling in the Quadrupole Ion Trap Mass Spectrometer (QITMS) 2010 , 739-767		1
107	Pulsed Nano-Electrospray Ionization: Characterization of Temporal Response and Implementation with a Flared Inlet Capillary. <i>Instrumentation Science and Technology</i> , 2009 , 37, 257-273	1.4	26
106	On the time scale of internal energy relaxation of AP-MALDI and nano-ESI ions in a quadrupole ion trap. <i>Journal of the American Society for Mass Spectrometry</i> , 2009 , 20, 1801-12	3.5	11
105	Improving IRMPD in a quadrupole ion trap. <i>Journal of the American Society for Mass Spectrometry</i> , 2009 , 20, 1127-31	3.5	20
104	Simultaneous collision induced dissociation of the charge reduced parent ion during electron capture dissociation. <i>Analytical Chemistry</i> , 2009 , 81, 6156-64	7.8	6
103	Iterative accumulation multiplexing Fourier transform ion cyclotron resonance mass spectrometry. <i>Analytical Chemistry</i> , 2009 , 81, 5623-8	7.8	4
102	Mapping the distribution of ion positions as a function of quadrupole ion trap mass spectrometer operating parameters to optimize infrared multiphoton dissociation. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 3447-54	2.8	16
101	Hybrid mass spectrometers for tandem mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2008 , 19, 161-72	3.5	69
100	Why are a(3) ions rarely observed?. <i>Journal of the American Society for Mass Spectrometry</i> , 2008 , 19, 1764-70	3.5	35
99	Collisional cooling in a quadrupole ion trap at sub-ambient temperatures. <i>International Journal of Mass Spectrometry</i> , 2007 , 265, 176-181	1.9	15
98	Thermally assisted collision-induced dissociation in a quadrupole ion trap mass spectrometer. <i>Analytical Chemistry</i> , 2006 , 78, 4609-14	7.8	22
97	Ion/molecule reactions to chemically deconvolute the electrospray ionization mass spectra of synthetic polymers. <i>Analytical Chemistry</i> , 2006 , 78, 8472-6	7.8	19

96	High amplitude short time excitation: a method to form and detect low mass product ions in a quadrupole ion trap mass spectrometer. <i>Journal of the American Society for Mass Spectrometry</i> , 2006 , 17, 81-4	3.5	63
95	Determination of cooling rates in a quadrupole ion trap. <i>Journal of the American Society for Mass Spectrometry</i> , 2006 , 17, 932-938	3.5	45
94	Continuous real-time analysis of products from the reaction of some monoterpenes with ozone using atmospheric sampling glow discharge ionization coupled to a quadrupole ion trap mass spectrometer. <i>Analytical Chemistry</i> , 2005 , 77, 3156-63	7.8	16
93	3,8,11,16-Tetrakis(aminomethyl)-1,2,9,10-tetrathia-cyclohexadecane tetra-trifluoroacetic acid: synthetic precursor to a novel thio-substituted diamine. <i>Tetrahedron</i> , 2005 , 61, 1749-1754	2.4	4
92	Tandem mass spectrometry in quadrupole ion trap and ion cyclotron resonance mass spectrometers. <i>Methods in Enzymology</i> , 2005 , 402, 109-48	1.7	28
91	The use of static pressures of heavy gases within a quadrupole ion trap. <i>Journal of the American Society for Mass Spectrometry</i> , 2003 , 14, 1099-109	3.5	36
90	Rapid and sensitive identification of epitope-containing peptides by direct matrix-assisted laser desorption/ionization tandem mass spectrometry of peptides affinity-bound to antibody beads. <i>Journal of the American Society for Mass Spectrometry</i> , 2003 , 14, 1076-85	3.5	32
89	Matrix-assisted laser desorption/ionization boundary-activated dissociation of peptide ions in a quadrupole ion trap. <i>International Journal of Mass Spectrometry</i> , 2003 , 222, 75-83	1.9	2
88	The basics of mass spectrometry in the twenty-first century. <i>Nature Reviews Drug Discovery</i> , 2003 , 2, 140-50	64.1	232
87	Electrospray-atmospheric sampling glow discharge ionization source for the direct analysis of liquid samples. <i>Analytical Chemistry</i> , 2003 , 75, 1620-7	7.8	7
86	Collision-induced signal enhancement (CISE): the use of boundary activation to effect non-resonant CISE. <i>Journal of the American Society for Mass Spectrometry</i> , 2002 , 13, 650-8	3.5	2
85	Pseudo-MS3 in a MALDI orthogonal quadrupole-time of flight mass spectrometer. <i>Journal of the American Society for Mass Spectrometry</i> , 2002 , 13, 1034-41	3.5	26
84	Hydrogen abstraction and decomposition of bromopicrin and other trihalogenated disinfection byproducts by GC/MS. <i>Environmental Science & Technology</i> , 2002 , 36, 3362-71	10.3	39
83	Direct MALDI-MS/MS of phosphopeptides affinity-bound to immobilized metal ion affinity chromatography beads. <i>Analytical Chemistry</i> , 2002 , 74, 3429-33	7.8	114
82	Gas-phase ion/ion interactions between peptides or proteins and iron ions in a quadrupole ion trap. <i>International Journal of Mass Spectrometry</i> , 2001 , 204, 47-54	1.9	43
81	Charge permutation reactions in beam type mass spectrometers. <i>International Journal of Mass Spectrometry</i> , 2001 , 212, 219-227	1.9	18
80	Dissociation pathways of alkali-cationized peptides: opportunities for C-terminal peptide sequencing. <i>Journal of the American Society for Mass Spectrometry</i> , 2001 , 12, 497-504	3.5	57
79	Evidence for ionization-related conformational differences of peptide ions in a quadrupole ion trap. <i>Journal of the American Society for Mass Spectrometry</i> , 2001 , 12, 1331-8	3.5	6

78	Thermally assisted infrared multiphoton photodissociation in a quadrupole ion trap. <i>Analytical Chemistry</i> , 2001 , 73, 3542-8	7.8	77
77	A new approach for effecting surface-induced dissociation in an ion cyclotron resonance mass spectrometer: a modeling study. <i>Journal of the American Society for Mass Spectrometry</i> , 2000 , 11, 1107-1175	3.5	6
76	C-terminal peptide sequencing using acetylated peptides with MSn in a quadrupole ion trap. <i>Analyst, The</i> , 2000 , 125, 635-40	5	20
75	Intra- and intermolecular isotope effects for hydrogen loss from protonated aniline and the barrier to hydrogen transfer between the ring and substituent. <i>International Journal of Mass Spectrometry</i> , 1999 , 190-191, 295-302	1.9	6
74	Determination of the dissociation kinetics of a transient intermediate. <i>Journal of the American Society for Mass Spectrometry</i> , 1999 , 10, 119-25	3.5	7
73	□Heterotelechelic Poly(ε-caprolactone)s via Ring-Opening/Chain-Transfer Polymerization and Their Utility as Precursors to AB and ABC Block Copolymers□ <i>Macromolecules</i> , 1999 , 32, 5149-5153	5.5	5
72	New method to study the effects of peptide sequence on the dissociation energetics of peptide ions. <i>Journal of the American Society for Mass Spectrometry</i> , 1998 , 9, 175-7	3.5	8
71	Origin of product ions in the MS/MS spectra of peptides in a quadrupole ion trap. <i>Journal of the American Society for Mass Spectrometry</i> , 1998 , 9, 341-4	3.5	64
70	Collision-induced signal enhancement: a method to increase product ion intensities in MS/MS and MSn experiments. <i>Analytical Chemistry</i> , 1998 , 70, 1831-7	7.8	12
69	Boundary-activated dissociation of peptide ions in a quadrupole ion trap. <i>Analytical Chemistry</i> , 1998 , 70, 340-6	7.8	24
68	Alkanethiolate Gold Cluster Molecules with Core Diameters from 1.5 to 5.2 nm: Core and Monolayer Properties as a Function of Core Size. <i>Langmuir</i> , 1998 , 14, 17-30	4	1636
67	C-terminal peptide sequencing via multistage mass spectrometry. <i>Analytical Chemistry</i> , 1998 , 70, 5162-57.8		92
66	A MALDI probe for mass spectrometers. <i>Analytical Chemistry</i> , 1997 , 69, 2525-9	7.8	12
65	Novel Peptide Dissociation: Gas-Phase Intramolecular Rearrangement of Internal Amino Acid Residues. <i>Journal of the American Chemical Society</i> , 1997 , 119, 5481-5488	16.4	111
64	Parent ion resolution in linked scans for dissociations occurring in the first field-free region of sector mass spectrometers. <i>Journal of the American Society for Mass Spectrometry</i> , 1997 , 8, 545-553	3.5	1
63	Prediction of artifact peak intensity in linked scans for dissociations occurring in the first field-free region of sector mass spectrometers. <i>Journal of the American Society for Mass Spectrometry</i> , 1997 , 8, 554-560	3.5	1
62	Tandem mass spectrometry of alkali cationized polysaccharides in a quadrupole ion trap. <i>Journal of the American Society for Mass Spectrometry</i> , 1997 , 8, 987-995	3.5	156
61	Strategy for pulsed ionization methods on a sector mass spectrometer. <i>Analytical Chemistry</i> , 1996 , 68, 845-9	7.8	6

60	Secondary Interactions Affecting the Dissociation Patterns of Arginine-Containing Peptide Ions. <i>Journal of the American Chemical Society</i> , 1996 , 118, 6252-6256	16.4	61
59	Correlation of kinetic energy losses in high-energy collision-induced dissociation with observed peptide product ions. <i>Analytical Chemistry</i> , 1996 , 68, 522-6	7.8	23
58	Reactions of the phenylium cation with small oxygen- and nitrogen-containing molecules. <i>Journal of the American Society for Mass Spectrometry</i> , 1996 , 7, 473-81	3.5	25
57	Reaction from isomeric parent ions in the dissociation of dimethylpyrroles. <i>Journal of the American Society for Mass Spectrometry</i> , 1996 , 7, 930-7	3.5	4
56	Effects of heavy gases on the tandem mass spectra of peptide ions in the quadrupole ion trap. <i>Journal of the American Society for Mass Spectrometry</i> , 1996 , 7, 1194-202	3.5	37
55	Ion production by positron-molecule resonances. <i>Physical Review A</i> , 1994 , 49, 2389-2393	2.6	13
54	Competition between resonance ejection and ion dissociation during resonant excitation in a quadrupole ion trap. <i>Journal of the American Society for Mass Spectrometry</i> , 1994 , 5, 1031-41	3.5	61
53	Multiple stage mass spectrometry: the next generation tandem mass spectrometry experiment. <i>Analyst, The</i> , 1994 , 119, 533	5	13
52	Ion trap mass spectrometry of externally generated ions. <i>Analytical Chemistry</i> , 1994 , 66, 689A-696A	7.8	85
51	Ion trap mass spectrometry. Using high-pressure ionization. <i>Analytical Chemistry</i> , 1994 , 66, 737A-743A	7.8	59
50	Matrix-assisted laser desorption of biological molecules in the quadrupole ion trap mass spectrometer. <i>Analytical Chemistry</i> , 1993 , 65, 14-20	7.8	48
49	Role of gas dynamics in negative ion formation in an atmospheric sampling glow discharge ionization source. <i>Analytical Chemistry</i> , 1993 , 65, 778-783	7.8	11
48	Positron-induced dissociation of organic molecules. <i>Physical Review A</i> , 1993 , 47, 1023-1030	2.6	18
47	Theory of high-resolution mass spectrometry achieved via resonance ejection in the quadrupole ion trap. <i>Analytical Chemistry</i> , 1992 , 64, 1434-1439	7.8	112
46	Radio-frequency glow discharge ion trap mass spectrometry. <i>Analytical Chemistry</i> , 1992 , 64, 1606-1609	7.8	49
45	Electrochemical origin of radical cations observed in electrospray ionization mass spectra. <i>Analytical Chemistry</i> , 1992 , 64, 1586-1593	7.8	259
44	Collisional activation with random noise in ion trap mass spectrometry. <i>Analytical Chemistry</i> , 1992 , 64, 1455-60	7.8	51
43	Tandem mass spectrometry of small, multiply charged oligonucleotides. <i>Journal of the American Society for Mass Spectrometry</i> , 1992 , 3, 60-70	3.5	45 ⁶

42	Reaction of analyte ions with neutral chemical ionization gas. <i>Journal of the American Society for Mass Spectrometry</i> , 1992 , 3, 549-57	3.5	6
41	Unimolecular and collision-induced reactions of doubly charged porphyrins. <i>Journal of the American Society for Mass Spectrometry</i> , 1992 , 3, 235-42	3.5	13
40	Evidence of isomerization during ion isolation in the quadrupole ion trap. <i>Journal of the American Society for Mass Spectrometry</i> , 1992 , 3, 680-2	3.5	8
39	To the editor : J Am Soc Mass Spectrom 1991, 2, 349. <i>Journal of the American Society for Mass Spectrometry</i> , 1991 , 2, 349	3.5	7
38	Selective ion isolation/rejection over a broad mass range in the quadrupole ion trap. <i>Journal of the American Society for Mass Spectrometry</i> , 1991 , 2, 11-21	3.5	92
37	Protonated water and protonated methanol cluster decompositions in a quadrupole ion trap. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1991 , 109, 171-186		25
36	Applications of mass spectrometry to DNA sequencing. <i>Genetic Analysis, Techniques and Applications</i> , 1991 , 8, 223-9		14
35	Comparison of electron ionization and chemical ionization sensitivities in an ion trap mass spectrometer. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1991 , 106, 137-157		16
34	Multiple stages of mass spectrometry in a quadrupole ion trap mass spectrometer: prerequisites. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1991 , 106, 213-235		68
33	Fixed-wavelength laser ionization/tandem mass spectrometry for mixture analysis in the quadrupole ion trap. <i>Analytical Chemistry</i> , 1991 , 63, 1186-1192	7.8	9
32	Preforming ions in solution via charge-transfer complexation for analysis by electrospray ionization mass spectrometry. <i>Analytical Chemistry</i> , 1991 , 63, 2064-2068	7.8	63
31	Ion spray liquid chromatography/ion trap mass spectrometry determination of biomolecules. <i>Analytical Chemistry</i> , 1991 , 63, 375-383	7.8	86
30	Charge determination of product ions formed from collision-induced dissociation of multiply protonated molecules via ion/molecule reactions. <i>Analytical Chemistry</i> , 1991 , 63, 1971-8	7.8	95
29	Electrospray ionization of porphyrins using a quadrupole ion trap for mass analysis. <i>Analytical Chemistry</i> , 1991 , 63, 1098-1109	7.8	144
28	Ion isolation and sequential stages of mass spectrometry in a quadrupole ion trap mass spectrometer. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1990 , 96, 117-137		129
27	Structures of NO ₃ ⁻ formed via glow discharge in atmospheric gases. <i>Journal of the American Society for Mass Spectrometry</i> , 1990 , 1, 217-224	3.5	8
26	Determination of daughter ion formulas by multiple stages of mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 1990 , 1, 166-73	3.5	13
25	Positron ionization mass spectrometry. I: instrumentation. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1990 , 97, 227-236		8

24	Positron ionization mass spectrometry. II: ionization by fast positrons. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1990 , 97, 237-252		10
23	Negative ion chemical ionization in a quadrupole ion trap using reagent anions injected from an external ion source. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1990 , 99, 151-167		19
22	Reactions of dimethylamine with multiply charged ions of cytochrome c. <i>Journal of the American Chemical Society</i> , 1990 , 112, 5668-5670	16.4	161
21	Porphyrin pyrrole sequencing: low-energy collision-induced dissociation of (M + 7H) ⁺ generated in-situ during ammonia chemical ionization. <i>Analytical Chemistry</i> , 1990 , 62, 786-793	7.8	15
20	Electrospray ionization combined with ion trap mass spectrometry. <i>Analytical Chemistry</i> , 1990 , 62, 1284-1295	7.8	215
19	Simultaneous monitoring for parent ions of targeted daughter ions: a method for rapid screening using mass spectrometry/mass spectrometry. <i>Analytical Chemistry</i> , 1990 , 62, 56-61	7.8	11
18	High-pressure ammonia chemical ionization mass spectrometry and mass spectrometry/mass spectrometry for porphyrin structure determination. <i>Energy & Fuels</i> , 1990 , 4, 720-729	4.1	7
17	Analyzer scan modes for hybrid mass spectrometers. <i>Organic Mass Spectrometry</i> , 1989 , 24, 470-478		4
16	Coupling of an atmospheric-sampling ion source with an ion-trap mass spectrometer. <i>Analytica Chimica Acta</i> , 1989 , 225, 25-35	6.6	87
15	Laser desorption mass spectrometry and MS/MS with a three-dimensional quadrupole ion trap. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1989 , 94, 15-24		33
14	Mechanism of porphyrin reduction and decomposition in a high-pressure chemical ionization plasma. <i>Journal of the American Chemical Society</i> , 1989 , 111, 6027-6035	16.4	23
13	Atmospheric sampling glow discharge ionization source for the determination of trace organic compounds in ambient air. <i>Analytical Chemistry</i> , 1988 , 60, 2220-2227	7.8	155
12	Self chemical ionization in an ion trap mass spectrometer. <i>Analytical Chemistry</i> , 1988 , 60, 2312-2314	7.8	61
11	Collision-activated dissociation of negative ions in an ion trap mass spectrometer. <i>Analytical Chemistry</i> , 1987 , 59, 1670-1674	7.8	57
10	The effect of charge on hydroxyl loss from ortho-substituted nitrobenzene ions. <i>Organic Mass Spectrometry</i> , 1987 , 22, 224-228		24
9	Dished peaks from collision-induced dissociations of nitroaromatic anions. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1987 , 76, 41-46		7
8	Design and performance of a hybrid mass spectrometer of QEB geometry. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1986 , 70, 321-338		17
7	Hybrid Instruments for Mass Spectrometry/Mass Spectrometry. <i>Instrumentation Science and Technology</i> , 1986 , 15, 1-36	1.4	16

6	High-resolution detection of daughter ions with a hybrid mass spectrometer. <i>Analytical Chemistry</i> , 1986 , 58, 1887-1889	7.8	6
5	Alkyldihydroxyacetonephosphate synthase mechanism: 18O studies of fatty acid release from acyldihydroxyacetone phosphate. <i>Biochemistry</i> , 1985 , 24, 8012-6	3.2	18
4	The Analysis of Explosives by Tandem Mass Spectrometry. <i>Journal of Forensic Sciences</i> , 1985 , 30, 11010J1.8	1.8	20
3	A tandem quadrupole/time-of-flight instrument for mass spectrometry/mass spectrometry. <i>Analytical Chemistry</i> , 1984 , 56, 2291-2295	7.8	41
2	Thermal ionization of quaternary ammonium salts. <i>International Journal of Mass Spectrometry and Ion Physics</i> , 1983 , 50, 143-149		9
1	Differential helium retention in zircons: Implications for nuclear waste containment. <i>Geophysical Research Letters</i> , 1982 , 9, 1129-1130	4.9	