

Scott A Mcluckey

List of Publications by Year in descending order

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362
papers

16,675
citations

15466

65
h-index

26548

107
g-index

367
all docs

367
docs citations

367
times ranked

5609
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-conformation spectroscopy of cold, protonated ^D PG-containing peptides: switching β^2 -turn types and formation of a sequential type II/III double β^2 -turn. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 2095-2109.	1.3	5
2	Multiply Charged Cation Attachment to Facilitate Mass Measurement in Negative-Mode Native Mass Spectrometry. <i>Analytical Chemistry</i> , 2022, 94, 2220-2226.	3.2	6
3	Ion-pairs as a gateway to transmetalation: aryl transfer from boron to nickel and magnesium. <i>Dalton Transactions</i> , 2022, 51, 5699-5705.	1.6	1
4	Gas-Phase Covalent Bond Formation via Nucleophilic Substitution: A Dissociation Kinetics Study of Leaving Groups, Isomeric R Groups, and Nucleophilic Sites. <i>Journal of the American Society for Mass Spectrometry</i> , 2022, 33, 1346-1354.	1.2	3
5	Characterization of Homopolymer Distributions via Direct Infusion ESI-MS/MS using Wide Mass-to-Charge Windows and Gas-Phase Ion/Ion Reactions. <i>Journal of the American Society for Mass Spectrometry</i> , 2022, 33, 704-713.	1.2	2
6	Adaptation and operation of a quadrupole/time-of-flight tandem mass spectrometer for high mass ion/ion reaction studies. <i>International Journal of Mass Spectrometry</i> , 2022, 478, 116874.	0.7	7
7	In-Depth Structural Characterization and Quantification of Cerebrosides and Glycosphingosines with Gas-Phase Ion Chemistry. <i>Analytical Chemistry</i> , 2021, 93, 7332-7340.	3.2	14
8	Localization of Carbon=C Carbon Double Bond and Cyclopropane Sites in Cardiolipins via Gas-Phase Charge Inversion Reactions. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 455-464.	1.2	19
9	Two-Color IRMPD Applied to Conformationally Complex Ions: Probing Cold Ion Structure and Hot Ion Unfolding. <i>Journal of Physical Chemistry A</i> , 2021, 125, 9394-9404.	1.1	3
10	Berberine Molecular Recognition of the Parallel MYC G-Quadruplex in Solution. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 16205-16212.	2.9	19
11	Manipulation of Ion Types via Gas-Phase Ion/Ion Chemistry for the Structural Characterization of the Glycan Moiety on Gangliosides. <i>Analytical Chemistry</i> , 2021, 93, 15752-15760.	3.2	8
12	Recent Developments in Gas-Phase Ion/Ion Reactions for Analytical Mass Spectrometry. <i>Analytical Chemistry</i> , 2020, 92, 252-266.	3.2	43
13	Toward Complete Structure Elucidation of Glycerophospholipids in the Gas Phase through Charge Inversion Ion/Ion Chemistry. <i>Analytical Chemistry</i> , 2020, 92, 1219-1227.	3.2	55
14	Enhancing detection and characterization of lipids using charge manipulation in electrospray ionization-tandem mass spectrometry. <i>Chemistry and Physics of Lipids</i> , 2020, 232, 104970.	1.5	17
15	Charge-switch derivatization of fatty acid esters of hydroxy fatty acids via gas-phase ion/ion reactions. <i>Analytica Chimica Acta</i> , 2020, 1129, 31-39.	2.6	17
16	Differentiation and Quantification of Diastereomeric Pairs of Glycosphingolipids Using Gas-Phase Ion Chemistry. <i>Analytical Chemistry</i> , 2020, 92, 13387-13395.	3.2	14
17	Digital ion trap mass analysis of high mass protein complexes using IR activation coupled with ion/ion reactions. <i>International Journal of Mass Spectrometry</i> , 2020, 458, 116437.	0.7	5
18	Mass Analysis of Macro-molecular Analytes via Multiply-Charged Ion Attachment. <i>Analytical Chemistry</i> , 2020, 92, 16301-16306.	3.2	11

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19	Generation of Multiply Charged Protein Anions from Multiply Charged Protein Cations via Gas-Phase Ion/Ion Reactions. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 1509-1517.	1.2	2
20	Proton Transfer Reactions for the Gas-Phase Separation, Concentration, and Identification of Cardiolipins. <i>Analytical Chemistry</i> , 2020, 92, 10847-10855.	3.2	7
21	Valet Parking for Protein Ion Charge State Concentration: Ion/Molecule Reactions in Linear Ion Traps. <i>Analytical Chemistry</i> , 2020, 92, 5419-5425.	3.2	3
22	Coupling Headgroup and Alkene Specific Solution Modifications with Gas-Phase Ion/Ion Reactions for Sensitive Glycerophospholipid Identification and Characterization. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 938-945.	1.2	7
23	Ion trap operational modes for ion/ion reactions yielding high mass-to-charge product ions. <i>International Journal of Mass Spectrometry</i> , 2020, 451, 116313.	0.7	2
24	Structural Elucidation of Ether Glycerophospholipids Using Gas-Phase Ion/Ion Charge Inversion Chemistry. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 1093-1103.	1.2	14
25	Gold(I) Cationization Promotes Ring Opening in Lysine-Containing Cyclic Peptides. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 1914-1922.	1.2	3
26	Ion/ion charge inversion/attachment in conjunction with dipolar DC collisional activation as a selective screen for sulfo- and phosphopeptides. <i>International Journal of Mass Spectrometry</i> , 2019, 444, 116181.	0.7	9
27	Top-down analysis of disulfide-linked proteins using photoinduced radical reactions and ET-DDC. <i>International Journal of Mass Spectrometry</i> , 2019, 444, 116173.	0.7	7
28	Simultaneous Isolation of Nonadjacent m/z Ions Using Mirror Switching in an Electrostatic Linear Ion Trap. <i>Analytical Chemistry</i> , 2019, 91, 12574-12580.	3.2	7
29	Mirror Switching for High-Resolution Ion Isolation in an Electrostatic Linear Ion Trap. <i>Analytical Chemistry</i> , 2019, 91, 8789-8794.	3.2	11
30	Generating Fatty Acid Profiles in the Gas Phase: Fatty Acid Identification and Relative Quantitation Using Ion/Ion Charge Inversion Chemistry. <i>Analytical Chemistry</i> , 2019, 91, 9032-9040.	3.2	35
31	Dipolar DC induced collisional activation of non-dissociated electron-transfer products. <i>Journal of Mass Spectrometry</i> , 2019, 54, 459-465.	0.7	3
32	Increasing the Upper Mass/Charge Limit of a Quadrupole Ion Trap for Ion/Ion Reaction Product Analysis via Waveform Switching. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 1126-1132.	1.2	5
33	A Miniaturized Fourier Transform Electrostatic Linear Ion Trap Mass Spectrometer: Mass Range and Resolution. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 588-594.	1.2	9
34	Gas-Phase Sequencing of Cyclotides: Introduction of Selective Ring Opening at Dehydroalanine via Ion/Ion Reaction. <i>Analytical Chemistry</i> , 2019, 91, 15608-15616.	3.2	5
35	Gas-Phase Ion/Ion Chemistry as a Probe for the Presence of Carboxylate Groups in Polypeptide Cations. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 329-338.	1.2	7
36	In-depth structural characterization of phospholipids by pairing solution photochemical reaction with charge inversion ion/ion chemistry. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 4739-4749.	1.9	20

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37	Maximizing Selective Cleavages at Aspartic Acid and Proline Residues for the Identification of Intact Proteins. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 34-44.	1.2	11
38	Infrared Population Transfer Spectroscopy of Cryo-Cooled Ions: Quantitative Tests of the Effects of Collisional Cooling on the Room Temperature Conformer Populations. <i>Journal of Physical Chemistry A</i> , 2018, 122, 2096-2107.	1.1	21
39	Determination of Collision Cross Sections Using a Fourier Transform Electrostatic Linear Ion Trap Mass Spectrometer. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 242-250.	1.2	15
40	Novel peptide ion chemistry associated with gold (I) cationization: Preferential cleavage at lysine residues. <i>International Journal of Mass Spectrometry</i> , 2018, 427, 114-122.	0.7	4
41	Gas-Phase Ion/Ion Reactions Involving Tris-Phenanthroline Alkaline Earth Metal Complexes as Charge Inversion Reagents for the Identification of Fatty Acids. <i>Analytical Chemistry</i> , 2018, 90, 12861-12869.	3.2	57
42	Gas-phase rearrangement reaction of Schiff-base-modified peptide ions. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 2166-2173.	0.7	3
43	INVESTIGATING ELECTRONIC AND STRUCTURAL CHANGES IMPOSED BY ZWITTERIONIC PARING IN MODEL PEPTIDE SYSTEMS USING IR-LIV-IR TRIPLE RESONANCE SPECTROSCOPY. , 2018, , .		1
44	Enhanced Reactivity in Nucleophilic Acyl Substitution Ion/Ion Reactions Using Triazole-Ester Reagents. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 1254-1261.	1.2	14
45	The Generation of Dehydroalanine Residues in Protonated Polypeptides: Ion/Ion Reactions for Introducing Selective Cleavages. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 1765-1774.	1.2	8
46	Gas-Phase Oxidation via Ion/Ion Reactions: Pathways and Applications. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 991-1004.	1.2	5
47	Utility of Higher Harmonics in Electrospray Ionization Fourier Transform Electrostatic Linear Ion Trap Mass Spectrometry. <i>Analytical Chemistry</i> , 2017, 89, 4392-4397.	3.2	8
48	Conformation-Specific Infrared and Ultraviolet Spectroscopy of Cold [YAPAA+H] ⁺ and [YGPAA+H] ⁺ Ions: A Stereochemical α -Twist on the β -Hairpin Turn. <i>Journal of the American Chemical Society</i> , 2017, 139, 5481-5493.	6.6	16
49	Preparation of Labile Ni ²⁺ (cyclam) Cations in the Gas Phase Using Electron-Transfer Reduction through Ion-Ion Recombination in an Ion Trap and Structural Characterization with Vibrational Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 5047-5052.	2.1	17
50	Fourier-Transform MS and Closed-Path Multireflection Time-of-Flight MS Using an Electrostatic Linear Ion Trap. <i>Analytical Chemistry</i> , 2017, 89, 10965-10972.	3.2	12
51	Trimethylation Enhancement Using ¹³ C-Diazomethane: Gas-Phase Charge Inversion of Modified Phospholipid Cations for Enhanced Structural Characterization. <i>Analytical Chemistry</i> , 2017, 89, 9452-9458.	3.2	11
52	Joule Heating and Thermal Denaturation of Proteins in Nano-ESI Theta Tips. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 2001-2010.	1.2	16
53	Simplification of electrospray mass spectra of Polysorbate 80 via cation transfer to carborane anions. <i>Journal of Mass Spectrometry</i> , 2016, 51, 453-458.	0.7	2
54	Selective Covalent Chemistry via Gas-Phase Ion/Ion Reactions: An Exploration of the Energy Surfaces Associated with N-Hydroxysuccinimide Ester Reagents and Primary Amines and Guanidine Groups. <i>Journal of the American Society for Mass Spectrometry</i> , 2016, 27, 1089-1098.	1.2	20

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55	A dual detector Fourier transform electrostatic linear ion trap utilizing in-trap potential lift. <i>International Journal of Mass Spectrometry</i> , 2016, 405, 1-8.	0.7	13
56	The dehydroalanine effect in the fragmentation of ions derived from polypeptides. <i>Journal of Mass Spectrometry</i> , 2016, 51, 857-866.	0.7	12
57	Selective Gas-Phase Oxidation and Localization of Alkylated Cysteine Residues in Polypeptide Ions via Ion/Ion Chemistry. <i>Journal of Proteome Research</i> , 2016, 15, 3139-3146.	1.8	9
58	Selective Gas-Phase Ion/Ion Reactions: Enabling Disulfide Mapping via Oxidation and Cleavage of Disulfide Bonds in Intermolecularly-Linked Polypeptide Ions. <i>Analytical Chemistry</i> , 2016, 88, 8972-8979.	3.2	23
59	Alkali Cation Chelation in Cold \hat{I}^2 -O-4 Tetralignol Complexes. <i>Journal of Physical Chemistry A</i> , 2016, 120, 7152-7166.	1.1	6
60	Gas-Phase Oxidation of Neutral Basic Residues in Polypeptide Cations by Periodate. <i>Journal of the American Society for Mass Spectrometry</i> , 2016, 27, 1979-1988.	1.2	6
61	Voltage-induced frequency drift correction in fourier transform electrostatic linear ion trap mass spectrometry using mirror-switching. <i>International Journal of Mass Spectrometry</i> , 2016, 410, 12-21.	0.7	6
62	Gas-Phase Folding of a Prototypical Protonated Pentapeptide: Spectroscopic Evidence for Formation of a Charge-Stabilized \hat{I}^2 -Hairpin. <i>Journal of the American Chemical Society</i> , 2016, 138, 2849-2857.	6.6	31
63	Strategies for generating peptide radical cations via ion/ion reactions. <i>Journal of Mass Spectrometry</i> , 2015, 50, 418-426.	0.7	9
64	Electroosmotically driven solution mixing in borosilicate theta glass nESI emitters. <i>Journal of Mass Spectrometry</i> , 2015, 50, 1063-1070.	0.7	10
65	Transformation of $[M+2H]^{2+}$ Peptide Cations to $[M+H]^{+}$, $[M+H+O]^{+}$, and M^{+} Cations via Ion/Ion Reactions: Reagent Anions Derived from Persulfate. <i>Journal of the American Society for Mass Spectrometry</i> , 2015, 26, 1103-1114.	1.2	10
66	Gas-Phase Amidation of Carboxylic Acids with Woodward's Reagent K Ions. <i>Journal of the American Society for Mass Spectrometry</i> , 2015, 26, 1686-1694.	1.2	6
67	C-terminal peptide extension via gas-phase ion/ion reactions. <i>International Journal of Mass Spectrometry</i> , 2015, 391, 17-23.	0.7	8
68	Electrospray Droplet Exposure to Organic Vapors: Metal Ion Removal from Proteins and Protein Complexes. <i>Analytical Chemistry</i> , 2015, 87, 1210-1218.	3.2	34
69	Selective Removal of Alkali Metal Cations from Multiply-Charged Ions via Gas-Phase Ion/Ion Reactions Using Weakly Coordinating Anions. <i>Journal of the American Society for Mass Spectrometry</i> , 2015, 26, 404-414.	1.2	12
70	Injecting electrospray ions into a Fourier transform electrostatic linear ion trap. <i>International Journal of Mass Spectrometry</i> , 2015, 378, 281-287.	0.7	12
71	A method for isolating ions in quadrupole ion traps using an excitation waveform generated by frequency modulation and mixing. <i>International Journal of Mass Spectrometry</i> , 2015, 377, 329-337.	0.7	6
72	Gas phase click chemistry via ion/ion reactions. <i>International Journal of Mass Spectrometry</i> , 2015, 390, 118-123.	0.7	8

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73	Ion/Ion Reactions with α -Onium Reagents: An Approach for the Gas-phase Transfer of Organic Cations to Multiply-Charged Anions. <i>Journal of the American Society for Mass Spectrometry</i> , 2015, 26, 818-825.	1.2	13
74	Electrospray droplet exposure to polar vapors: Delayed desolvation of protein complexes. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 973-981.	0.7	7
75	UV Photofragmentation and IR Spectroscopy of Cold, G-Type $\text{I}^2\text{-O-4}$ and $\text{I}^2\text{-I}^2$ Dilignol Alkali Metal Complexes: Structure and Linkage-Dependent Photofragmentation. <i>Journal of Physical Chemistry A</i> , 2015, 119, 1917-1932.	1.1	11
76	Gas-Phase Chemical Separation of Phosphatidylcholine and Phosphatidylethanolamine Cations via Charge Inversion Ion/Ion Chemistry. <i>Analytical Chemistry</i> , 2015, 87, 11255-11262.	3.2	24
77	UV and IR spectroscopy of cold protonated leucine enkephalin. <i>International Journal of Mass Spectrometry</i> , 2015, 378, 196-205.	0.7	44
78	Gas Phase Reactivity of Carboxylates with α -Hydroxysuccinimide Esters. <i>Journal of the American Society for Mass Spectrometry</i> , 2015, 26, 174-180.	1.2	12
79	Efficient and directed peptide bond formation in the gas phase via ion/ion reactions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 1288-1292.	3.3	25
80	Affecting Protein Charge State Distributions in Nano-Electrospray Ionization via In-Spray Solution Mixing Using Theta Capillaries. <i>Analytical Chemistry</i> , 2014, 86, 4581-4588.	3.2	61
81	Square wave modulation of a mirror lens for ion isolation in a Fourier transform electrostatic linear ion trap mass spectrometer. <i>International Journal of Mass Spectrometry</i> , 2014, 362, 1-8.	0.7	16
82	Oxidation of Methionine Residues in Polypeptide Ions Via Gas-Phase Ion/Ion Chemistry. <i>Journal of the American Society for Mass Spectrometry</i> , 2014, 25, 1049-1057.	1.2	19
83	Tandem Mass Spectrometry in an Electrostatic Linear Ion Trap Modified for Surface-Induced Dissociation. <i>Analytical Chemistry</i> , 2014, 86, 8822-8828.	3.2	10
84	Hydrogen/deuterium exchange in parallel with acid/base induced protein conformational change in electrospray droplets. <i>Journal of Mass Spectrometry</i> , 2014, 49, 437-444.	0.7	18
85	Fragmentation Reactions of Nucleic Acid Ions in the Gas Phase. <i>Physical Chemistry in Action</i> , 2014, , 131-182.	0.1	3
86	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, 1676-1689.	1.2	6
87	Reagent Cluster Anions for Multiple Gas-Phase Covalent Modifications of Peptide and Protein Cations. <i>Journal of the American Society for Mass Spectrometry</i> , 2013, 24, 1045-1052.	1.2	9
88	Gas-Phase Intramolecular Protein Crosslinking via Ion/Ion Reactions: Ubiquitin and a Homobifunctional sulfo-NHS Ester. <i>Journal of the American Society for Mass Spectrometry</i> , 2013, 24, 733-743.	1.2	29
89	The ornithine effect in peptide cation dissociation. <i>Journal of Mass Spectrometry</i> , 2013, 48, 856-861.	0.7	29
90	Electron transfer followed by collision-induced dissociation (NET-CID) for generating sequence information from backbone-modified oligonucleotide anions. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 249-257.	0.7	34

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91	Strategies for the gas phase modification of cationized arginine via ion/ion reactions. <i>International Journal of Mass Spectrometry</i> , 2013, 354-355, 211-218.	0.7	10
92	Absorption Mode Fourier Transform Electrostatic Linear Ion Trap Mass Spectrometry. <i>Analytical Chemistry</i> , 2013, 85, 8075-8079.	3.2	22
93	Gas-Phase Transformation of Phosphatidylcholine Cations to Structurally Informative Anions via Ion/Ion Chemistry. <i>Analytical Chemistry</i> , 2013, 85, 3752-3757.	3.2	28
94	Gas-Phase Reactivity of Carboxylic Acid Functional Groups with Carbodiimides. <i>Journal of the American Society for Mass Spectrometry</i> , 2013, 24, 30-37.	1.2	22
95	Gas-phase ion/ion reactions of peptides and proteins: acid/base, redox, and covalent chemistries. <i>Chemical Communications</i> , 2013, 49, 947-965.	2.2	50
96	A novel ion trap based tandem mass spectrometer for the spectroscopic study of cold gas phase polyatomic ions. <i>International Journal of Mass Spectrometry</i> , 2013, 348, 9-14.	0.7	70
97	Gas phase dissociation behavior of acyl-arginine peptides. <i>International Journal of Mass Spectrometry</i> , 2013, 354-355, 181-187.	0.7	7
98	Nondestructive Tandem Mass Spectrometry Using a Linear Quadrupole Ion Trap Coupled to a Linear Electrostatic Ion Trap. <i>Analytical Chemistry</i> , 2013, 85, 5226-5232.	3.2	24
99	Top-Down Interrogation of Chemically Modified Oligonucleotides by Negative Electron Transfer and Collision Induced Dissociation. <i>Analytical Chemistry</i> , 2013, 85, 4713-4720.	3.2	45
100	Trapping mode dipolar DC collisional activation in the RF-only ion guide of a linear ion trap/time-of-flight instrument for gaseous bio-ion declustering. <i>Journal of Mass Spectrometry</i> , 2013, 48, 1059-1065.	0.7	16
101	Electron transfer dissociation: Effects of cation charge state on product partitioning in ion/ion electron transfer to multiply protonated polypeptides. <i>International Journal of Mass Spectrometry</i> , 2012, 330-332, 174-181.	0.7	44
102	Analysis of High Mass-to-Charge Ions in a Quadrupole Ion Trap Mass Spectrometer via an End-Cap Quadrupolar Direct Current Downscan. <i>Analytical Chemistry</i> , 2012, 84, 7562-7569.	3.2	8
103	Ion/Ion Reactions of MALDI-Derived Peptide Ions: Increased Sequence Coverage via Covalent and Electrostatic Modification upon Charge Inversion. <i>Analytical Chemistry</i> , 2012, 84, 10679-10685.	3.2	16
104	Gas-Phase Conjugation to Arginine Residues in Polypeptide Ions via <i>N</i> -Hydroxysuccinimide Ester-Based Reagent Ions. <i>Journal of the American Chemical Society</i> , 2012, 134, 11412-11414.	6.6	35
105	Collision-induced dissociation of oligonucleotide anions fully modified at the 2' position of the ribose: 2'-OH and 2'-OMe mixers. <i>Journal of Mass Spectrometry</i> , 2012, 47, 364-369.	0.7	26
106	Covalent and non-covalent binding in the ion/ion charge inversion of peptide cations with benzenedisulfonic acid anions. <i>Journal of Mass Spectrometry</i> , 2012, 47, 669-675.	0.7	20
107	Dipolar DC Collisional Activation in a Stretched 3-D Ion Trap: The Effect of Higher Order Fields on rf-Heating. <i>Journal of the American Society for Mass Spectrometry</i> , 2012, 23, 736-744.	1.2	30
108	Dissociation behavior of tryptic and intramolecular disulfide-linked peptide ions modified in the gas phase via ion/ion reactions. <i>International Journal of Mass Spectrometry</i> , 2012, 312, 195-200.	0.7	20

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109	Vapor Treatment of Electrospray Droplets: Evidence for the Folding of Initially Denatured Proteins on the Sub-Millisecond Time-Scale. <i>Journal of the American Society for Mass Spectrometry</i> , 2012, 23, 88-101.	1.2	27
110	Solution Versus Gas-Phase Modification of Peptide Cations with NHS-Ester Reagents. <i>Journal of the American Society for Mass Spectrometry</i> , 2012, 23, 282-289.	1.2	23
111	The effect of reagent charge state on the charge inversion efficiency of singly charged polyatomic ions in the gas phase. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 18418.	1.3	3
112	Negative Electrospray Droplet Exposure to Gaseous Bases for the Manipulation of Protein Charge State Distributions. <i>Analytical Chemistry</i> , 2011, 83, 431-437.	3.2	49
113	Chemical Noise Reduction via Mass Spectrometry and Ion/Ion Charge Inversion: Amino Acids. <i>Analytical Chemistry</i> , 2011, 83, 3252-3255.	3.2	19
114	DC potentials applied to an end-cap electrode of a 3D ion trap for enhanced MS _n functionality. <i>International Journal of Mass Spectrometry</i> , 2011, 306, 114-122.	0.7	22
115	Cleavage of multiple disulfide bonds in insulin via gold cationization and collision-induced dissociation. <i>International Journal of Mass Spectrometry</i> , 2011, 308, 133-136.	0.7	21
116	Ion/Neutral, Ion/Electron, Ion/Photon, and Ion/Ion Interactions in Tandem Mass Spectrometry: Do We Need Them All? Are They Enough?. <i>Journal of the American Society for Mass Spectrometry</i> , 2011, 22, 3-12.	1.2	75
117	Intra- and Inter-Molecular Cross-Linking of Peptide Ions in the Gas Phase: Reagents and Conditions. <i>Journal of the American Society for Mass Spectrometry</i> , 2011, 22, 912-21.	1.2	30
118	Adaptation of a 3-D Quadrupole Ion Trap for Dipolar DC Collisional Activation. <i>Journal of the American Society for Mass Spectrometry</i> , 2011, 22, 1486-1492.	1.2	31
119	Charge inversion via concurrent cation and anion transfer: application to corticosteroids. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 476-482.	0.7	4
120	Implementation of dipolar direct current (DDC) collision-induced dissociation in storage and transmission modes on a quadrupole/time-of-flight tandem mass spectrometer. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 2500-2510.	0.7	25
121	Electrospray droplet exposure to gaseous acids for reduction of metal counter-ions in nucleic acid ions. <i>International Journal of Mass Spectrometry</i> , 2011, 300, 158-166.	0.7	21
122	Gas-phase ion/ion reactions of rubrene cations and multiply charged DNA and RNA anions. <i>International Journal of Mass Spectrometry</i> , 2011, 304, 140-147.	0.7	15
123	The Emerging Role of Ion/Ion Reactions in Biological Mass Spectrometry: Considerations for Reagent Ion Selection. <i>European Journal of Mass Spectrometry</i> , 2010, 16, 429-436.	0.5	20
124	Ion trap collision-induced dissociation of locked nucleic acids. <i>Journal of the American Society for Mass Spectrometry</i> , 2010, 21, 144-153.	1.2	23
125	Top-down tandem mass spectrometry of tRNA via ion trap collision-induced dissociation. <i>Journal of the American Society for Mass Spectrometry</i> , 2010, 21, 890-898.	1.2	52
126	Top-down protein characterization facilitated by ion/ion reactions on a quadrupole/time of flight platform. <i>Proteomics</i> , 2010, 10, 3577-3588.	1.3	21

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127	Gas-Phase Bioconjugation of Peptides via Ion/Ion Charge Inversion: Schiff Base Formation on the Conversion of Cations to Anions. <i>Analytical Chemistry</i> , 2010, 82, 1594-1597.	3.2	38
128	Quantitative Determination of Biogenic Volatile Organic Compounds in the Atmosphere Using Proton-Transfer Reaction Linear Ion Trap Mass Spectrometry. <i>Analytical Chemistry</i> , 2010, 82, 7952-7957.	3.2	35
129	Adjacent Pulsed Nanoelectrospray Ionization Emitters for the Alternating Generation of Ions of Opposite Polarity. <i>Analytical Chemistry</i> , 2010, 82, 1147-1150.	3.2	4
130	Electrospray Droplet Exposure to Gaseous Acids for the Manipulation of Protein Charge State Distributions. <i>Analytical Chemistry</i> , 2010, 82, 7422-7429.	3.2	84
131	Covalent Modification of Gaseous Peptide Ions with <i>N</i> -Hydroxysuccinimide Ester Reagent Ions. <i>Journal of the American Chemical Society</i> , 2010, 132, 18248-18257.	6.6	56
132	Gas-Phase Chemistry of Multiply Charged Bioions in Analytical Mass Spectrometry. <i>Annual Review of Analytical Chemistry</i> , 2010, 3, 365-385.	2.8	25
133	Selective Covalent Bond Formation in Polypeptide Ions via Gas-Phase Ion/Ion Reaction Chemistry. <i>Journal of the American Chemical Society</i> , 2009, 131, 12884-12885.	6.6	48
134	Transmission mode ion/ion reactions in the radiofrequency-only ion guide of hybrid tandem mass spectrometers. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 409-418.	0.7	5
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