David E Clemmer

List of Publications by Year
in descending order

268	16,302	14644 66	24232 110
papers	citations	h-index	g-index

276	276	276	6931
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ion Mobility Measurements and their Applications to Clusters and Biomolecules. , 1997, 32, 577-592.		671
2	Naked Protein Conformations: Cytochrome c in the Gas Phase. Journal of the American Chemical Society, 1995, 117, 10141-10142.	6.6	466
3	Biomolecule Analysis by Ion Mobility Spectrometry. Annual Review of Analytical Chemistry, 2008, 1, 293-327.	2.8	437
4	Protein Structurein Vacuo:Â Gas-Phase Conformations of BPTI and Cytochromec. Journal of the American Chemical Society, 1997, 119, 2240-2248.	6.6	409
5	Three-Dimensional Ion Mobility/TOFMS Analysis of Electrosprayed Biomolecules. Analytical Chemistry, 1998, 70, 2236-2242.	3.2	330
6	Anhydrous Protein Ions. Chemical Reviews, 1999, 99, 3037-3080.	23.0	314
7	Activation of hydrogen and methane by thermalized FeO+ in the gas phase as studied by multiple mass spectrometric techniques. International Journal of Mass Spectrometry and Ion Processes, 1997, 161, 175-191.	1.9	291
8	High-resolution ion mobility measurements. Review of Scientific Instruments, 1997, 68, 1122-1129.	0.6	286
9	An IMSâ^'IMS Analogue of MSâ^'MS. Analytical Chemistry, 2006, 78, 4161-4174.	3.2	251
10	Disulfide-Intact and -Reduced Lysozyme in the Gas Phase:Â Conformations and Pathways of Folding and Unfolding. Journal of Physical Chemistry B, 1997, 101, 3891-3900.	1.2	224
11	Conformer-dependent proton-transfer reactions of ubiquitin ions. Journal of the American Society for Mass Spectrometry, 1997, 8, 954-961.	1.2	219
12	ESI/Ion Trap/Ion Mobility/Time-of-Flight Mass Spectrometry for Rapid and Sensitive Analysis of Biomolecular Mixtures. Analytical Chemistry, 1999, 71, 291-301.	3.2	193
13	H/D Exchange Levels of Shape-Resolved Cytochrome c Conformers in the Gas Phase. Journal of the American Chemical Society, 1997, 119, 3558-3566.	6.6	192
14	A database of 660 peptide ion cross sections: Use of intrinsic size parameters for bona fide predictions of cross sections. Journal of the American Society for Mass Spectrometry, 1999, 10, 1188-1211.	1.2	191
15	IMSâ^'IMS and IMSâ^'IMSâ^'IMS/MS for Separating Peptide and Protein Fragment Ions. Analytical Chemistry, 2006, 78, 2802-2809.	3.2	183
16	Mapping the human plasma proteome by SCX-LC-IMS-MS. Journal of the American Society for Mass Spectrometry, 2007, 18, 1249-1264.	1.2	171
17	A computational approach toward label-free protein quantification using predicted peptide detectability. Bioinformatics, 2006, 22, e481-e488.	1.8	166
18	Ion Mobility Analysis of Molecular Dynamics. Annual Review of Physical Chemistry, 2014, 65, 175-196.	4.8	163

#	Article	IF	Citations
19	Reactions of fourthâ€period metal ions (Ca+âˆ’Zn+) with O2: Metalâ€oxide ion bond energies. Journal of Chemical Physics, 1990, 93, 2676-2691.	1.2	162
20	Ion Mobility Spectrometry/Mass Spectrometry Snapshots for Assessing the Molecular Compositions of Complex Polymeric Systems. Analytical Chemistry, 2008, 80, 9073-9083.	3.2	162
21	Monitoring Structural Changes of Proteins in an Ion Trap over âˆ¼10âˆ’200 ms:Â Unfolding Transitions in Cytochromeclons. Analytical Chemistry, 2001, 73, 6000-6007.	3.2	154
22	Structural Transitions of Electrosprayed Ubiquitin Ions Stored in an Ion Trap over âˆ¼10 ms to 30 sâ€. Journal of Physical Chemistry A, 2002, 106, 9976-9982.	1.1	149
23	Gas-Phase Separations of Electrosprayed Peptide Libraries. Analytical Chemistry, 1999, 71, 3918-3927.	3.2	148
24	Influence of solvent composition and capillary temperature on the conformations of electrosprayed ions: unfolding of compact ubiquitin conformers from pseudonative and denatured solutions. International Journal of Mass Spectrometry, 1999, 185-187, 37-47.	0.7	146
25	Profiling of Human Serum Glycans Associated with Liver Cancer and Cirrhosis by IMSâˆ’MS. Journal of Proteome Research, 2008, 7, 1109-1117.	1.8	143
26	Evidence for Many Resolvable Structures within Conformation Types of Electrosprayed Ubiquitin Ions. Journal of Physical Chemistry B, 2006, 110, 7017-7021.	1.2	142
27	Number of Solution States of Bradykinin from Ion Mobility and Mass Spectrometry Measurements. Journal of the American Chemical Society, 2011, 133, 13810-13813.	6.6	142
28	Conversion of CH4 to CH3OH: Reactions of CoO+ with CH4 and D2, Co+ with CH3OD and D2O, and Co+(CH3OD) with Xe. Journal of the American Chemical Society, 1994, 116, 7815-7826.	6.6	141
29	High-order structure and dissociation of gaseous peptide aggregates that are hidden in mass spectra. Journal of the American Society for Mass Spectrometry, 1998, 9, 743-759.	1.2	141
30	Toward Plasma Proteome Profiling with Ion Mobility-Mass Spectrometry. Journal of Proteome Research, 2006, 5, 2977-2984.	1.8	139
31	High-Resolution Ion Cyclotron Mobility Spectrometry. Analytical Chemistry, 2009, 81, 1482-1487.	3.2	136
32	Resolving Oligomers from Fully Grown Polymers with IMSâˆ’MS. Analytical Chemistry, 2007, 79, 7965-7974.	3.2	135
33	Multidimensional separations of complex peptide mixtures: a combined high-performance liquid chromatography/ion mobility/time-of-flight mass spectrometry approach. International Journal of Mass Spectrometry, 2001, 212, 97-109.	0.7	133
34	From Solution to the Gas Phase: Stepwise Dehydration and Kinetic Trapping of Substance P Reveals the Origin of Peptide Conformations. Journal of the American Chemical Society, 2013, 135, 19147-19153.	6.6	133
35	Resolving and assigning N-linked glycan structural isomers from ovalbumin by IMS-MS. Journal of the American Society for Mass Spectrometry, 2008, 19, 1706-1715.	1.2	130
36	Characterizing Oligosaccharides Using Injected-Ion Mobility/Mass Spectrometry. Analytical Chemistry, 1997, 69, 2504-2509.	3.2	129

#	Article	IF	Citations
37	Physical and chemical evidence for metallofullerenes with metal atoms as part of the cage. Nature, 1994, 372, 248-250.	13.7	122
38	Evidence for unfolding and refolding of gas-phase cytochrome c ions in a Paul trap. Journal of the American Society for Mass Spectrometry, 2005, 16, 1493-1497.	1.2	119
39	Coupling Desorption Electrospray Ionization with Ion Mobility/Mass Spectrometry for Analysis of Protein Structure:Â Evidence for Desorption of Folded and Denatured States. Journal of Physical Chemistry B, 2006, 110, 5045-5051.	1.2	116
40	An Ion Trap Interface for ESIâ”Ion Mobility Experiments. Analytical Chemistry, 1997, 69, 4156-4161.	3.2	112
41	Development of High-Sensitivity Ion Trap Ion Mobility Spectrometry Time-of-Flight Techniques:Â A High-Throughput Nano-LC-IMS-TOF Separation of Peptides Arising from aDrosophilaProtein Extract. Analytical Chemistry, 2003, 75, 5137-5145.	3.2	111
42	Magic Number Clusters of Serine in the Gas Phase. Journal of Physical Chemistry B, 2001, 105, 8092-8096.	1.2	109
43	Mobility Labeling for Parallel CID of Ion Mixtures. Analytical Chemistry, 2000, 72, 2737-2740.	3.2	106
44	Exosome-Mediated Crosstalk between Keratinocytes and Macrophages in Cutaneous Wound Healing. ACS Nano, 2020, 14, 12732-12748.	7.3	106
45	Reaction of Sc+, Ti+, and V+with CO. MC+and MO+bond energies. Journal of Chemical Physics, 1991, 95, 3387-3393.	1.2	104
46	Gas-phase separations of protease digests. Journal of the American Society for Mass Spectrometry, 1998, 9, 1213-1216.	1.2	104
47	Resolution and structural transitions of elongated states of ubiquitin. Journal of the American Society for Mass Spectrometry, 2007, 18, 322-331.	1.2	99
48	Resolving Isomeric Peptide Mixtures:Â A Combined HPLC/Ion Mobility-TOFMS Analysis of a 4000-Component Combinatorial Library. Analytical Chemistry, 2002, 74, 26-36.	3.2	95
49	Characterizing Intermediates Along the Transition from Polyproline I to Polyproline II Using Ion Mobility Spectrometry-Mass Spectrometry. Journal of the American Chemical Society, 2014, 136, 12702-12711.	6.6	91
50	Cisâ€“Trans Isomerizations of Proline Residues Are Key to Bradykinin Conformations. Journal of the American Chemical Society, 2013, 135, 3186-3192.	6.6	89
51	Conformation Types of Ubiquitin [M+8H]8+ Ions from Water:Methanol Solutions: Evidence for the N and A States in Aqueous Solution. Journal of Physical Chemistry B, 2012, 116, 3344-3352.	1.2	87
52	Gas-Phase DNA: Oligothymidine Ion Conformers. Journal of the American Chemical Society, 1997, 119, 9051-9052.	6.6	86
53	Transfer of Structural Elements from Compact to Extended States in Unsolvated Ubiquitin. Journal of the American Chemical Society, 2006, 128, 11713-11719.	6.6	86
54	Melting Proteins: Evidence for Multiple Stable Structures upon Thermal Denaturation of Native Ubiquitin from Ion Mobility Spectrometry-Mass Spectrometry Measurements. Journal of the American Chemical Society, 2017, 139, 6306-6309.	6.6	86

#	Article	IF	Citations
55	Evidence for a Quasi-Equilibrium Distribution of States for Bradykinin [M + 3H]³⁺ Ions in the Gas Phase. Journal of Physical Chemistry B, 2010, 114, 7777-7783.	1.2	84
56	On the Dynamics of Fragment Isomerization in Collision-Induced Dissociation of Peptides. Journal of Physical Chemistry A, 2008, 112, 1286-1293.	1.1	82
57	Hybrid ion mobility and mass spectrometry as a separation tool. Journal of Chromatography A, 2016, 1439, 3-25.	1.8	81
58	Reaction of Zn+with NO2. The gasâ€phase thermochemistry of ZnO. Journal of Chemical Physics, 1991, 95, 7263-7268.	1.2	80
59	Volumes of Individual Amino Acid Residues in Gas-Phase Peptide Ions. Journal of the American Chemical Society, 1999, 121, 4031-4039.	6.6	80
60	Ion Trap/Ion Mobility/Quadrupole/Time-of-Flight Mass Spectrometry for Peptide Mixture Analysis. Analytical Chemistry, 2001, 73, 177-184.	3.2	80
61	Temperature-dependent H/D exchange of compact and elongated cytochrome c ions in the gas phase. Journal of the American Society for Mass Spectrometry, 2002, 13, 506-517.	1.2	79
62	Cryogenic Vibrational Spectroscopy Provides Unique Fingerprints for Glycan Identification. Journal of the American Society for Mass Spectrometry, 2017, 28, 2217-2222.	1.2	77
63	Large Anhydrous Polyalanine Ions: Evidence for Extended Helices and Onset of a More Compact State. Journal of the American Chemical Society, 2001, 123, 1490-1498.	6.6	76
64	Gas molecule scattering & ion mobility measurements for organic macro-ions in He versus N₂ environments. Physical Chemistry Chemical Physics, 2015, 17, 15019-15029.	1.3	73
65	A Nano-Scale Barrel and Cube:Â Transition Metal-Mediated Self-Assembly of CpCoCb-Derived Ligand Scaffolds. Journal of the American Chemical Society, 2001, 123, 3818-3819.	6.6	72
66	An Ion Mobility/Ion Trap/Photodissociation Instrument for Characterization of Ion Structure. Journal of the American Society for Mass Spectrometry, 2011, 22, 1477-85.	1.2	72
67	Intrinsic Amino Acid Size Parameters from a Series of 113 Lysine-Terminated Tryptic Digest Peptide Ions. Journal of Physical Chemistry B, 1999, 103, 1203-1207.	1.2	70
68	Overtone mobility spectrometry: Part 1. Experimental observations. Journal of the American Society for Mass Spectrometry, 2009, 20, 729-737.	1.2	70
69	Identification ofChlamydia trachomatisOuter Membrane Complex Proteins by Differential Proteomics. Journal of Bacteriology, 2010, 192, 2852-2860.	1.0	70
70	Cisâ^'Trans Signatures of Proline-Containing Tryptic Peptides in the Gas Phase. Analytical Chemistry, 2002, 74, 1946-1951.	3.2	69
71	A Split-Field Drift Tube for Separation and Efficient Fragmentation of Biomolecular Ions. Analytical Chemistry, 2003, 75, 6202-6208.	3.2	67
72	Coupling Capillary Electrochromatography with Electrospray Fourier Transform Mass Spectrometry for Characterizing Complex Oligosaccharide Pools. Analytical Chemistry, 2003, 75, 1684-1690.	3.2	67

#	Article	IF	Citations
73	Mapping the Proteome ofDrosophilamelanogaster:Â Analysis of Embryos and Adult Heads by LCâ^'IMSâ^'MS Methods. Journal of Proteome Research, 2005, 4, 1223-1237.	1.8	65
74	Infrared Spectroscopy of Mobility-Selected H⁺-Gly-Pro-Gly-Gly (GPGG). Journal of the American Society for Mass Spectrometry, 2015, 26, 1444-1454.	1.2	65
75	Electrospray Ionization Ion Mobility Mass Spectrometry of Human Brain Gangliosides. Analytical Chemistry, 2016, 88, 5166-5178.	3.2	65
76	Multidimensional Analysis of 16 Glucose Isomers by Ion Mobility Spectrometry. Analytical Chemistry, 2016, 88, 2335-2344.	3.2	65
77	Intrinsic Size Parameters for Val, Ile, Leu, Gln, Thr, Phe, and Trp Residues from Ion Mobility Measurements of Polyamino Acid Ions. Journal of Physical Chemistry B, 1999, 103, 8780-8785.	1.2	64
78	Coupling Ion Mobility Separations, Collisional Activation Techniques, and Multiple Stages of MS for Analysis of Complex Peptide Mixtures. Analytical Chemistry, 2002, 74, 992-1006.	3.2	64
79	Chiral enrichment of serine via formation, dissociation, and soft-landing of octameric cluster ions. Journal of the American Society for Mass Spectrometry, 2004, 15, 1360-1365.	1.2	63
80	Mannose7 Glycan Isomer Characterization by IMS-MS/MS Analysis. Journal of the American Society for Mass Spectrometry, 2012, 23, 2158-2166.	1.2	63
81	Investigating carbohydrate isomers by IMS-CID-IMS-MS: precursor and fragment ion cross-sections. Analyst, The, 2015, 140, 6922-6932.	1.7	62
82	Gas-phase thermochemistry of the group 3 dioxides: ScO2, YO2 and LaO2. Chemical Physics Letters, 1992, 190, 259-265.	1.2	61
83	Developing liquid chromatography ion mobility mass spectometry techniques. Expert Review of Proteomics, 2005, 2, 553-565.	1.3	61
84	Analyzing a mixture of disaccharides by IMS-VUVPD-MS. International Journal of Mass Spectrometry, 2012, 309, 161-167.	0.7	61
85	Using Ion Mobility Data to Improve Peptide Identification: Intrinsic Amino Acid Size Parameters. Journal of Proteome Research, 2011, 10, 2318-2329.	1.8	58
86	Ion Trapping for Ion Mobility Spectrometry Measurements in a Cyclical Drift Tube. Analytical Chemistry, 2013, 85, 7003-7008.	3.2	58
87	A microdroplet-accelerated Biginelli reaction: mechanisms and separation of isomers using IMS-MS. Chemical Science, 2019, 10, 4822-4827.	3.7	58
88	Charge-remote fragmentation of lithiated fatty acids on a TOF-TOF instrument using matrix-ionization. Journal of the American Society for Mass Spectrometry, 2007, 18, 1967-1972.	1.2	57
89	Conformations of Prolylâ€"Peptide Bonds in the Bradykinin 1â€"5 Fragment in Solution and in the Gas Phase. Journal of the American Chemical Society, 2016, 138, 9224-9233.	6.6	57
90	Conformational studies of Zn-Ligand-Hexose diastereomers using ion mobility measurements and density functional theory calculations. Journal of the American Society for Mass Spectrometry, 2002, 13, 284-293.	1.2	56

#	Article	IF	Citations
91	Nanoflow LC/Ion Mobility/CID/TOF for Proteomics:Â Analysis of a Human Urinary Proteome. Journal of Proteome Research, 2003, 2, 589-597.	1.8	56
92	Exploring Crown Ethers as Shift Reagents for Ion Mobility Spectrometry. Analytical Chemistry, 2006, 78, 6792-6800.	3.2	56
93	Profiling of phospholipids and related lipid structures using multidimensional ion mobility spectrometry-mass spectrometry. International Journal of Mass Spectrometry, 2009, 287, 58-69.	0.7	56
94	Formation of peptide aggregates during ESI: Size, charge, composition, and contributions to noise. Journal of the American Society for Mass Spectrometry, 2001, 12, 1020-1035.	1.2	54
95	Protein Expression in a Drosophila Model of Parkinson's Disease. Journal of Proteome Research, 2007, 6, 348-357.	1.8	53
96	Glycosaminoglycan Analysis by Cryogenic Messenger-Tagging IR Spectroscopy Combined with IMS-MS. Analytical Chemistry, 2017, 89, 7601-7606.	3.2	53
97	Characterizing the Conformationome: Toward a Structural Understanding of the Proteome. Accounts of Chemical Research, 2017, 50, 556-560.	7.6	53
98	Quantitative Proteomics of a Presymptomatic A53T Î±-Synuclein Drosophila Model of Parkinson Disease. Molecular and Cellular Proteomics, 2008, 7, 1191-1203.	2.5	52
99	Structures and Isomerization of LaCn+ Clusters. The Journal of Physical Chemistry, 1995, 99, 11376-11386.	2.9	51
100	Development of high throughput dispersive LC--ion mobility--TOFMS techniques for analysing the human plasma proteome. Briefings in Functional Genomics & Proteomics, 2004, 3, 177-186.	3.8	51
101	Metal-Containing Carbon Clusters: Structures, Isomerization, and Formation of NbCn+ Clusters. Journal of the American Chemical Society, 1995, 117, 8841-8850.	6.6	49
102	Ions from Solution to the Gas Phase: A Molecular Dynamics Simulation of the Structural Evolution of Substance P during Desolvation of Charged Nanodroplets Generated by Electrospray Ionization. Journal of the American Chemical Society, 2017, 139, 2981-2988.	6.6	49
103	Dissociation of different conformations of ubiquitin ions. Journal of the American Society for Mass Spectrometry, 2002, 13, 719-723.	1.2	48
104	Assessing the Peak Capacity of IMSâ^'IMS Separations of Tryptic Peptide Ions in He at 300 K. Analytical Chemistry, 2007, 79, 515-522.	3.2	48
105	Delineating Diseases by IMS-MS Profiling of Serum N-linked Glycans. Journal of Proteome Research, 2012, 11, 576-585.	1.8	48
106	Electrospray Ionization Mechanisms for Large Polyethylene Glycol Chains Studied Through Tandem Ion Mobility Spectrometry. Journal of the American Society for Mass Spectrometry, 2014, 25, 1332-1345.	1.2	48
107	Fast and accurate identification of semi-tryptic peptides in shotgun proteomics. Bioinformatics, 2008, 24, 102-109.	1.8	47
108	Gas-phase self-assembly of endohedral metallofullerenes. Nature, 1994, 367, 718-720.	13.7	46

#	Article	IF	Citations
109	Ion Mobility-Mass Spectrometry Analysis of Serum N-linked Glycans from Esophageal Adenocarcinoma Phenotypes. Journal of Proteome Research, 2012, 11, 6102-6110.	1.8	46
110	Solution Dependence of the Collisional Activation of Ubiquitin [M + 7H]‹sup›7+‹/sup› Ions. Journal of the American Society for Mass Spectrometry, 2014, 25, 2000-2008.	1.2	46
111	Evidence for Two New Solution States of Ubiquitin by IMSâ€“MS Analysis. Journal of Physical Chemistry B, 2014, 118, 3498-3506.	1.2	46
112	Peer Reviewed: Injected-Ion Mobility Analysis of Biomolecules. Analytical Chemistry, 1997, 69, 728A-735A.	3.2	45
113	Prediction of peptide ion mobilities via a priori calculations from intrinsic size parameters of amino acid residues. Journal of the American Society for Mass Spectrometry, 2001, 12, 885-888.	1.2	45
114	Do Homochiral Aggregates Have an Entropic Advantage?. Journal of Physical Chemistry B, 2005, 109, 440-444.	1.2	45
115	Proteome Profiling for Assessing Diversity:Â Analysis of Individual Heads ofDrosophilamelanogasterUsing LCâ^'Ion Mobilityâ^'MS. Journal of Proteome Research, 2005, 4, 1238-1247.	1.8	45
116	Heterogeneity of Glycan Processing on Trimeric SARS-CoV-2 Spike Protein Revealed by Charge Detection Mass Spectrometry. Journal of the American Chemical Society, 2021, 143, 3959-3966.	6.6	45
117	Anhydrous Polyproline Helices and Globules. Journal of Physical Chemistry B, 2004, 108, 4885-4898.	1.2	44
118	DL-Proline. Acta Crystallographica Section C: Crystal Structure Communications, 2005, 61, o506-o508.	0.4	44
119	Overtone mobility spectrometry: Part 2. Theoretical considerations of resolving power. Journal of the American Society for Mass Spectrometry, 2009, 20, 738-750.	1.2	44
120	Formation of Nanometer-Scale Serine Clusters by Sonic Spray. Journal of Physical Chemistry B, 2004, 108, 6105-6111.	1.2	43
121	Spontaneous Anti-Resolution in Heterochiral Clusters of Serine. Journal of the American Chemical Society, 2004, 126, 4110-4111.	6.6	42
122	Glycopeptide Site Heterogeneity and Structural Diversity Determined by Combined Lectin Affinity Chromatography/IMS/CID/MS Techniques. Journal of the American Society for Mass Spectrometry, 2015, 26, 1092-1102.	1.2	42
123	Quantifying Peptides in Isotopically Labeled Protease Digests by Ion Mobility/Time-of-Flight Mass Spectrometry. Analytical Chemistry, 2002, 74, 950-958.	3.2	41
124	An IMSâ€“IMS threshold method for semi-quantitative determination of activation barriers: Interconversion of proline cisâ†'trans forms in triply protonated bradykinin. International Journal of Mass Spectrometry, 2015, 377, 646-654.	0.7	41
125	The gasâ€phase thermochemistry of TiH. Journal of Chemical Physics, 1991, 95, 1228-1233.	1.2	40
126	Gasâ€phase thermochemistry of VH and CrH. Journal of Chemical Physics, 1993, 98, 4929-4936.	1.2	40

#	Article	IF	Citations
127	Prediction of Peptide Ion Collision Cross Sections from Topological Molecular Structure and Amino Acid Parameters. Analytical Chemistry, 2002, 74, 1360-1370.	3.2	40
128	Extracted fragment ion mobility distributions: A new method for complex mixture analysis. International Journal of Mass Spectrometry, 2012, 309, 154-160.	0.7	40
129	Metal-Mediated Peptide Ion Conformations in the Gas Phase. Journal of Physical Chemistry B, 2000, 104, 4545-4551.	1.2	39
130	Collision-Induced Dissociation of Mobility-Separated Ions Using an Orifice-Skimmer Cone at the Back of a Drift Tube. Analytical Chemistry, 2001, 73, 3549-3555.	3.2	39
131	Gas-phase separations of complex tryptic peptide mixtures. Fresenius' Journal of Analytical Chemistry, 2001, 369, 234-245.	1.5	39
132	Nanoflow LC/IMS-MS and LC/IMS-CID/MS of protein mixtures. Journal of the American Society for Mass Spectrometry, 2004, 15, 1341-1353.	1.2	38
133	Development of a high-throughput IMSâ€“IMSâ€“MS approach for analyzing mixtures of biomolecules. Journal of Proteomics, 2008, 71, 318-331.	1.2	38
134	A Scanning Frequency Mode for Ion Cyclotron Mobility Spectrometry. Analytical Chemistry, 2010, 82, 8266-8271.	3.2	38
135	Ion Mobility-Mass Spectrometry Reveals the Energetics of Intermediates that Guide Polyproline Folding. Journal of the American Society for Mass Spectrometry, 2016, 27, 22-30.	1.2	37
136	Isotopic Effect on Ion Mobility and Separation of Isotopomers by High-Field Ion Mobility Spectrometry. Analytical Chemistry, 2010, 82, 8047-8051.	3.2	36
137	Protein Expression in the Striatum and Cortex Regions of the Brain for a Mouse Model of Huntington's Disease. Journal of Proteome Research, 2007, 6, 3134-3142.	1.8	35
138	Compact â†' Extended Helix Transitions of Polyalanine in Vacuo. Journal of Physical Chemistry B, 2003, 107, 2111-2117.	1.2	34
139	Developing IMSâ€“IMSâ€“MS for rapid characterization of abundant proteins in human plasma. International Journal of Mass Spectrometry, 2009, 283, 149-160.	0.7	34
140	From Solution to the Gas Phase: Factors That Influence Kinetic Trapping of Substance P in the Gas Phase. Journal of Physical Chemistry B, 2014, 118, 14336-14344.	1.2	34
141	Structures and Formation of Small LaCn+ Metallofullerenes. The Journal of Physical Chemistry, 1994, 98, 12819-12821.	2.9	33
142	Bonding of Metals to Carbon Rings: LaCn+ Isomers with La+ Inserted and Attached to the Ring. Journal of the American Chemical Society, 1994, 116, 5971-5972.	6.6	33
143	Chirally Directed Formation of Nanometer-Scale Proline Clusters. Journal of the American Chemical Society, 2006, 128, 10833-10839.	6.6	33
144	Variable-Temperature Electrospray Ionization for Temperature-Dependent Folding/Refolding Reactions of Proteins and Ligand Binding. Analytical Chemistry, 2021, 93, 6924-6931.	3.2	33

#	Article	IF	Citations
145	Lifetime Proteomic Profiling of an A30P Î±-SynucleinDrosophilaModel of Parkinson's Disease. Journal of Proteome Research, 2007, 6, 3729-3738.	1.8	32
146	Determination of Cross Sections by Overtone Mobility Spectrometry: Evidence for Loss of Unstable Structures at Higher Overtones. Journal of Physical Chemistry B, 2010, 114, 12406-12415.	1.2	32
147	Charge Detection Mass Spectrometry Measurements of Exosomes and other Extracellular Particles Enriched from Bovine Milk. Analytical Chemistry, 2020, 92, 3285-3292.	3.2	32
148	A database of alkali metal-containing peptide cross sections: Influence of metals on size parameters for specific amino acids. International Journal of Mass Spectrometry, 2012, 330-332, 35-45.	0.7	31
149	Examining the Proteome ofDrosophilaAcross Organism Lifespan. Journal of Proteome Research, 2007, 6, 3637-3647.	1.8	30
150	Gas-phase conformation-specific photofragmentation of proline-containing peptide ions. Journal of the American Society for Mass Spectrometry, 2010, 21, 1455-1465.	1.2	30
151	Controlled Formation of Peptide Bonds in the Gas Phase. Journal of the American Chemical Society, 2011, 133, 15834-15837.	6.6	30
152	Assessment of Purity and Screening of Peptide Libraries by Nested Ion Mobility-TOFMS:Â Identification of RNase S-Protein Binders. Analytical Chemistry, 2001, 73, 424-433.	3.2	29
153	Development of high-throughput liquid chromatography injected ion mobility quadrupole time-of-flight techniques for analysis of complex peptide mixtures. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2002, 782, 343-351.	1.2	29
154	Development of Field Modulation in a Split-Field Drift Tube for High-Throughput Multidimensional Separations. Journal of Proteome Research, 2005, 4, 25-35.	1.8	29
155	Cryogenic IR spectroscopy combined with ion mobility spectrometry for the analysis of human milk oligosaccharides. Analyst, The, 2018, 143, 1846-1852.	1.7	29
156	Identifying a Protein by MALDI-TOF Mass Spectrometry: An Experiment for the Undergraduate Laboratory. Journal of Chemical Education, 2003, 80, 177.	1.1	28
157	Assessing Intrinsic Side Chain Interactions betweeniandi+ 4 Residues in Solvent-Free Peptides:Â A Combinatorial Gas-Phase Approachâ€. Journal of Physical Chemistry A, 2003, 107, 10566-10579.	1.1	28
158	Examining the Influence of Phosphorylation on Peptide Ion Structure by Ion Mobility Spectrometry-Mass Spectrometry. Journal of the American Society for Mass Spectrometry, 2016, 27, 786-794.	1.2	28
159	Shift Reagents for Multidimensional Ion Mobility Spectrometry-Mass Spectrometry Analysis of Complex Peptide Mixtures: Evaluation of 18-Crown-6 Ether Complexes. Analytical Chemistry, 2011, 83, 5377-5385.	3.2	27
160	Metal-dependent allosteric activation and inhibition on the same molecular scaffold: theÂcopper sensor CopY from Streptococcus pneumoniae. Chemical Science, 2018, 9, 105-118.	3.7	27
161	Ion mobility mass spectrometry provides novel insights into the expression and structure of gangliosides in the normal adult human hippocampus. Analyst, The, 2018, 143, 5234-5246.	1.7	27
162	Direct determination of the adiabatic ionization energy of NO2 as measured by guided ionâ€beam mass spectrometry. Journal of Chemical Physics, 1992, 97, 2451-2458.	1.2	26

#	Article	IF	Citations
163	Improving the Efficiency of IMSâ^'IMS by a Combing Technique. Analytical Chemistry, 2008, 80, 1918-1927.	3.2	26
164	Treatise on the Measurement of Molecular Masses with Ion Mobility Spectrometry. Analytical Chemistry, 2009, 81, 5876-5880.	3.2	26
165	Transitions between Elongated Conformations of Ubiquitin [M+11H]¹¹⁺ Enhance Hydrogen/Deuterium Exchange. Journal of Physical Chemistry B, 2011, 115, 4509-4515.	1.2	26
166	Evidence for Many Unique Solution Structures for Chymotrypsin Inhibitor 2: A Thermodynamic Perspective Derived from vT-ESI-IMS-MS Measurements. Journal of the American Chemical Society, 2020, 142, 17372-17383.	6.6	26
167	Water-Mediated Dimerization of Ubiquitin Ions Captured by Cryogenic Ion Mobility-Mass Spectrometry. Journal of Physical Chemistry Letters, 2015, 6, 4947-4951.	2.1	25
168	Electrospray ionization ion mobility mass spectrometry provides novel insights into the pattern and activity of fetal hippocampus gangliosides. Biochimie, 2017, 139, 81-94.	1.3	25
169	Conformationally Regulated Peptide Bond Cleavage in Bradykinin. Journal of the American Chemical Society, 2018, 140, 9357-9360.	6.6	25
170	Intrinsic GTPase Activity of K-RAS Monitored by Native Mass Spectrometry. Biochemistry, 2019, 58, 3396-3405.	1.2	25
171	Investigation of isomeric intermediates: Co+-NH3 and H-Co+-NH2. Journal of the American Chemical Society, 1989, 111, 8280-8281.	6.6	24
172	Solution thermochemistry of concanavalin A tetramer conformers measured by variable-temperature ESI-IMS-MS. International Journal of Mass Spectrometry, 2019, 443, 93-100.	0.7	24
173	Development of LC-IMS-CID-TOFMS techniques: Analysis of a 256 component tetrapeptide combinatorial library. Journal of the American Society for Mass Spectrometry, 2003, 14, 1424-1436.	1.2	23
174	Populations of Metal-Glycan Structures Influence MS Fragmentation Patterns. Journal of the American Society for Mass Spectrometry, 2015, 26, 25-35.	1.2	23
175	Variable-Temperature ESI-IMS-MS Analysis of Myohemerythrin Reveals Ligand Losses, Unfolding, and a Non-Native Disulfide Bond. Analytical Chemistry, 2019, 91, 6808-6814.	3.2	23
176	Determining synthetic failures in. Journal of the American Society for Mass Spectrometry, 2000, 11, 352-355.	1.2	22
177	Gas-Phase Separations of Protein and Peptide Ion Fragments Generated by Collision-Induced Dissociation in an Ion Trap. Analytical Chemistry, 2002, 74, 4889-4894.	3.2	22
178	Gas Phase Polyalanine:â€‰ Assessment of i â†' i + 3 and i â†' i + 4 Helical Turns in [Alan + 4H]4+ (n = 29â^'49) Ion. Journal of Physical Chemistry B, 2002, 106, 12045-12051.	1.2	21
179	Gridless Overtone Mobility Spectrometry. Analytical Chemistry, 2013, 85, 10174-10179.	3.2	21
180	Configurationally-Coupled Protonation of Polyproline-7. Journal of the American Chemical Society, 2015, 137, 8680-8683.	6.6	21

#	Article	IF	Citations
181	Dissecting the Components of Sindbis Virus from Arthropod and Vertebrate Hosts: Implications for Infectivity Differences. ACS Infectious Diseases, 2019, 5, 892-902.	1.8	21
182	Determination of Sequence-Specific Intrinsic Size Parameters from Cross Sections for 162 Tripeptides. Journal of Physical Chemistry B, 2005, 109, 11802-11809.	1.2	20
183	Application of ion mobility tandem mass spectrometry to compositional and structural analysis of glycopeptides extracted from the urine of a patient diagnosed with Schindler disease. Rapid Communications in Mass Spectrometry, 2015, 29, 1929-1937.	0.7	20
184	Melting of Hemoglobin in Native Solutions as measured by IMS-MS. Analytical Chemistry, 2020, 92, 3440-3446.	3.2	20
185	Proteome Response to the Panneural Expression of Human Wild-Type Î±-Synuclein: A Drosophila Model of Parkinsonâ€™s Disease. Journal of Proteome Research, 2008, 7, 3911-3921.	1.8	19
186	Overtone Mobility Spectrometry: Part 3. On the Origin of Peaks. Journal of the American Society for Mass Spectrometry, 2011, 22, 804-816.	1.2	19
187	A Database of Alkaline-Earth-Coordinated Peptide Cross Sections: Insight into General Aspects of Structure. Journal of the American Society for Mass Spectrometry, 2013, 24, 768-779.	1.2	19
188	The binding of Ca2+, Co2+, Ni2+, Cu2+, and Zn2+ cations to angiotensin I determined by mass spectrometry based techniques. International Journal of Mass Spectrometry, 2013, 354-355, 318-325.	0.7	19
189	â€œWetâ€•Versus â€œDryâ€•Folding of Polyproline. Journal of the American Society for Mass Spectrometry, 2016, 27, 1037-1047.	1.2	19
190	Long-Lived Intermediates in a Cooperative Two-State Folding Transition. Journal of Physical Chemistry B, 2016, 120, 12040-12046.	1.2	19
191	Characterization of lectin binding affinities via direct LC-MS profiling: implications for glycopeptide enrichment and separation strategies. Analyst, The, 2017, 142, 65-74.	1.7	19
192	Solvent Mediation of Peptide Conformations: Polyproline Structures in Water, Methanol, Ethanol, and 1-Propanol as Determined by Ion Mobility Spectrometry-Mass Spectrometry. Journal of the American Society for Mass Spectrometry, 2019, 30, 77-84.	1.2	19
193	Evidence for Spontaneous Resolution of Icosahedral Proline. Journal of the American Chemical Society, 2006, 128, 15988-15989.	6.6	18
194	Overtone Mobility Spectrometry: Part 4. OMS-OMS Analyses of Complex Mixtures. Journal of the American Society for Mass Spectrometry, 2011, 22, 2049-60.	1.2	18
195	Direct Measurement of the Isomerization Barrier of the Isolated Retinal Chromophore. Angewandte Chemie - International Edition, 2015, 54, 4748-4752.	7.2	18
196	Unfolding of Hydrated Alkyl Diammonium Cations Revealed by Cryogenic Ion Mobility-Mass Spectrometry. Journal of the American Chemical Society, 2015, 137, 8916-8919.	6.6	18
197	Melting proteins confined in nanodroplets with 10.6 Î¼m light provides clues about early steps of denaturation. Chemical Communications, 2018, 54, 3270-3273.	2.2	18
198	Characterizing Thermal Transitions of IgG with Mass Spectrometry. Journal of the American Society for Mass Spectrometry, 2019, 30, 2438-2445.	1.2	18

#	Article	IF	Citations
199	Cerebrospinal fluid: Profiling and fragmentation of gangliosides by ion mobility mass spectrometry. Biochimie, 2020, 170, 36-48.	1.3	18
200	Temperature Regulates Stability, Ligand Binding (Mg²⁺ and ATP), and Stoichiometry of GroELâ€“GroES Complexes. Journal of the American Chemical Society, 2022, 144, 2667-2678.	6.6	18
201	Variable-Temperature Native Mass Spectrometry for Studies of Protein Folding, Stabilities, Assembly, and Molecular Interactions. Annual Review of Biophysics, 2022, 51, 63-77.	4.5	18
202	Metal-containing carbon clusters. Journal of the Chemical Society Dalton Transactions, 1996, , 567.	1.1	17
203	Stable Isotope Labeling and Label-Free Proteomics of Drosophila parkin Null Mutants. Journal of Proteome Research, 2009, 8, 4500-4510.	1.8	17
204	Proteome changes in the aging Drosophila melanogaster head. International Journal of Mass Spectrometry, 2018, 425, 36-46.	0.7	17
205	Gangliosides of Human Glioblastoma Multiforme: A Comprehensive Mapping and Structural Analysis by Ion Mobility Tandem Mass Spectrometry. Journal of the American Society for Mass Spectrometry, 2021, 32, 1249-1257.	1.2	17
206	Protons Are Fast and Smart; Proteins Are Slow and Dumb: On the Relationship of Electrospray Ionization Charge States and Conformations. Journal of the American Society for Mass Spectrometry, 2021, 32, 1553-1561.	1.2	17
207	Large anhydrous polyalanine ions: substitution of Na+ for H+ destabilizes folded states. International Journal of Mass Spectrometry, 2001, 204, 87-100.	0.7	16
208	Conformational change of electrosprayed cytochrome c studied by laser-induced fluorescence. Chemical Physics Letters, 2001, 337, 79-84.	1.2	16
209	Combinatorial Libraries of Synthetic Peptides as a Model for Shotgun Proteomics. Analytical Chemistry, 2010, 82, 6559-6568.	3.2	16
210	Oscillations of Chiral Preference in Proline Clusters. Journal of Physical Chemistry A, 2013, 117, 1035-1041.	1.1	16
211	Selected Overtone Mobility Spectrometry. Analytical Chemistry, 2015, 87, 5132-5138.	3.2	16
212	Understanding the Thermal Denaturation of Myoglobin with IMS-MS: Evidence for Multiple Stable Structures and Trapped Pre-equilibrium States. Journal of the American Society for Mass Spectrometry, 2021, 32, 64-72.	1.2	16
213	Complexation of Amino Compounds by 18C6 Improves Selectivity by IMS-IMS-MS: Application to Petroleum Characterization. Journal of the American Society for Mass Spectrometry, 2011, 22, 817-27.	1.2	15
214	Ion mobility mass spectrometry of human melanoma gangliosides. Biochimie, 2020, 177, 226-237.	1.3	15
215	Penultimate Proline in Neuropeptides. Analytical Chemistry, 2015, 87, 8466-8472.	3.2	14
216	ESI-IM-MS and Collision-Induced Unfolding That Provide Insight into the Linkage-Dependent Interfacial Interactions of Covalently Linked Diubiquitin. Analytical Chemistry, 2017, 89, 10094-10103.	3.2	14

#	Article	IF	Citations
217	Determination of Gas-Phase Ion Structures of Locally Polar Homopolymers Through High-Resolution Ion Mobility Spectrometryâ€“Mass Spectrometry. Journal of the American Society for Mass Spectrometry, 2019, 30, 905-918.	1.2	14
218	The Importance of Electron Transfer Mechanism in Reactions of Neutral Transition Metal Atoms. Laser Chemistry, 1995, 15, 209-220.	0.5	13
219	Biomolecular condensation via ultraviolet excitation in vacuo. International Journal of Mass Spectrometry, 2012, 316-318, 6-11.	0.7	13
220	Intrinsic size parameters for palmitoylated and carboxyamidomethylated peptides. International Journal of Mass Spectrometry, 2014, 368, 6-14.	0.7	13
221	Substance P in Solution: Trans-to-Cis Configurational Changes of Penultimate Prolines Initiate Non-enzymatic Peptide Bond Cleavages. Journal of the American Society for Mass Spectrometry, 2019, 30, 919-931.	1.2	13
222	Biologically-Inspired Peptide Reagents for Enhancing IMS-MS Analysis of Carbohydrates. Journal of the American Society for Mass Spectrometry, 2011, 22, 1602-1609.	1.2	12
223	Chirality and Packing in Small Proline Clusters. Journal of Physical Chemistry B, 2012, 116, 11442-11446.	1.2	12
224	On the Split Personality of Penultimate Proline. Journal of the American Society for Mass Spectrometry, 2015, 26, 444-452.	1.2	12
225	Delineation of disease phenotypes associated with esophageal adenocarcinoma by MALDI-IMS-MS analysis of serum N-linked glycans. Analyst, The, 2017, 142, 1525-1535.	1.7	12
226	Glycoproteomic Analysis of Human Urinary Exosomes. Analytical Chemistry, 2020, 92, 14357-14365.	3.2	12
227	Evaluation of ion mobility spectroscopy for determining charge-solvated versus salt-bridge structures of protonated trimers. Journal of the American Society for Mass Spectrometry, 2005, 16, 1009-1019.	1.2	11
228	Protein oligomers frozen in time. Nature Chemistry, 2009, 1, 257-258.	6.6	11
229	Resolution of Stepwise Cooperativities of Copper Binding by the Homotetrameric Copperâ€Sensitive Operon Repressor (CsoR): Impact on Structure and Stability. Angewandte Chemie - International Edition, 2015, 54, 12795-12799.	7.2	11
230	Cisâ†'Trans Isomerization of Pro⁷ in Oxytocin Regulates Zn²⁺ Binding. Journal of the American Society for Mass Spectrometry, 2016, 27, 1376-1382.	1.2	10
231	Solid-state packing dictates the unexpected solubility of aromatic peptides. Cell Reports Physical Science, 2021, 2, 100391.	2.8	10
232	Entropy in the Molecular Recognition of Membrane Proteinâ€“Lipid Interactions. Journal of Physical Chemistry Letters, 2021, 12, 12218-12224.	2.1	10
233	Split-Field Drift Tube/Mass Spectrometry and Isotopic Labeling Techniques for Determination of Single Amino Acid Polymorphisms. Journal of Proteome Research, 2006, 5, 1879-1887.	1.8	9
234	Overtone Mobility Spectrometry: Part 5. Simulations and Analytical Expressions Describing Overtone Limits. Journal of the American Society for Mass Spectrometry, 2013, 24, 615-621.	1.2	9

#	Article	IF	Citations
235	Effects of Fe(II)/H₂O₂ Oxidation on Ubiquitin Conformers Measured by Ion Mobility-Mass Spectrometry. Journal of Physical Chemistry B, 2013, 117, 164-173.	1.2	9
236	Differentiation of Compact and Extended Conformations of Di-Ubiquitin Conjugates with Lysine-Specific Isopeptide Linkages by Ion Mobility-Mass Spectrometry. Journal of the American Society for Mass Spectrometry, 2011, 22, 1463-1471.	1.2	8
237	A Database of Transition-Metal-Coordinated Peptide Cross-Sections: Selective Interaction with Specific Amino Acid Residues. Journal of the American Society for Mass Spectrometry, 2017, 28, 1293-1303.	1.2	8
238	Substance P in the Gas Phase: Conformational Changes and Dissociations Induced by Collisional Activation in a Drift Tube. Journal of the American Society for Mass Spectrometry, 2019, 30, 932-945.	1.2	8
239	Thermal Analysis of a Mixture of Ribosomal Proteins by vT-ESI-MS: Toward a Parallel Approach for Characterizing the Stabilitome. Analytical Chemistry, 2021, 93, 8484-8492.	3.2	8
240	Insights into aging through measurements of the Drosophila proteome as a function of temperature. Mechanisms of Ageing and Development, 2010, 131, 584-590.	2.2	7
241	Collisional Activation of [14Pro+2H]²⁺ Clusters: Chiral Dependence of Evaporation and Fission Processes. Journal of Physical Chemistry B, 2012, 116, 7644-7651.	1.2	7
242	Conformational landscape and pathway of disulfide bond reduction of human alpha defensin. Protein Science, 2015, 24, 1264-1271.	3.1	7
243	Following a Folding Transition with Capillary Electrophoresis and Ion Mobility Spectrometry. Analytical Chemistry, 2016, 88, 10933-10939.	3.2	7
244	The intrinsically disordered N-terminal arm of the brome mosaic virus coat protein specifically recognizes the RNA motif that directs the initiation of viral RNA replication. Nucleic Acids Research, 2018, 46, 324-335.	6.5	7
245	Electronic Energies Are Not Enough: An Ion Mobility-Aided, Quantum Chemical Benchmark Analysis of H⁺GPGG Conformers. Journal of Chemical Theory and Computation, 2018, 14, 5406-5418.	2.3	7
246	Ion Mobility Mass Spectrometry Reveals Rare Sialylated Glycosphingolipid Structures in Human Cerebrospinal Fluid. Molecules, 2022, 27, 743.	1.7	7
247	Negatively-charged helices in the gas phase. Chemical Communications, 2014, 50, 8849.	2.2	6
248	Resolving Isomers of Star-Branched Poly(Ethylene Glycols) by IMS-MS Using Multiply Charged Ions. Journal of the American Society for Mass Spectrometry, 2021, 32, 21-32.	1.2	6
249	Action and Ion Mobility Spectroscopy of a Shortened Retinal Derivative. Journal of the American Society for Mass Spectrometry, 2018, 29, 2152-2159.	1.2	5
250	Position of Proline Mediates the Reactivity of S-Palmitoylation. ACS Chemical Biology, 2015, 10, 2529-2536.	1.6	4
251	A graphical representation of glycan heterogeneity. Glycobiology, 2022, 32, 201-207.	1.3	4
252	Analysis of Keratinocytic Exosomes from Diabetic and Nondiabetic Mice by Charge Detection Mass Spectrometry. Analytical Chemistry, 2022, 94, 8909-8918.	3.2	4

#	Article	IF	Citations
253	Photosynthesis of a Combinatorial Peptide Library in the Gas Phase. Analytical Chemistry, 2015, 87, 9384-9388.	3.2	3
254	Cooperative Formation of Icosahedral Proline Clusters from Dimers. Journal of the American Society for Mass Spectrometry, 2018, 29, 95-102.	1.2	3
255	Monitoring the stabilities of a mixture of peptides by mass-spectrometry-based techniques. European Journal of Mass Spectrometry, 2019, 25, 73-81.	0.5	3
256	Comparison of gaseous ubiquitin ion structures obtained from a solid and solution matrix using ion mobility spectrometry/mass spectrometry. Rapid Communications in Mass Spectrometry, 2021, 35, e8793.	0.7	3
257	Untangling Hydrogen Bond Networks with Ion Mobility Spectrometry and Quantum Chemical Calculations: A Case Study on H⁺XPGG. Journal of Physical Chemistry B, 2019, 123, 5730-5741.	1.2	2
258	Influence of Solvents upon Diketopiperazine Formation of FPG8K. Journal of Physical Chemistry B, 2021, 125, 2952-2959.	1.2	2
259	Diketopiperazine Formation from FPGnK (n = 1â€“9) Peptides: Rates of Structural Rearrangements and Mechanisms. Journal of Physical Chemistry B, 2021, 125, 8107-8116.	1.2	2
260	<title>Structural dynamics of carbon- and metal- containing carbon clusters</title>. , 1994, 2124, 400.		1
261	A celebration of the scientific and personal contributions of Peter B. Armentrout. International Journal of Mass Spectrometry, 2012, 330-332, 4-5.	0.7	1
262	Multiple solution structures of the disordered peptide indolicidin from IMS-MS analysis. International Journal of Mass Spectrometry, 2018, 427, 52-58.	0.7	1
263	Snapshot, Conformation, and Bulk Fragmentation. , 2010, , 215-235.		1
264	Frontispiece: Direct Measurement of the Isomerization Barrier of the Isolated Retinal Chromophore. Angewandte Chemie - International Edition, 2015, 54, .	7.2	0
265	Direct Measurement of the Isomerization Barrier of the Isolated Retinal Chromophore. Journal of Physics: Conference Series, 2015, 635, 032034.	0.3	0
266	Editorial: Focus on Ionization Technologies Used in MS: Fundamentals and Applications, Honoring Dr. Sarah Trimpin, Recipient of the 2019 ASMS Biemann Medal. Journal of the American Society for Mass Spectrometry, 2021, 32, 616-617.	1.2	0
267	Ion Mobility/Time-of-Flight Analysis of Combinatorial Library Mixtures. , 2003, , 187-216.		0
268	Influence of N Terminus Amino Acid on Peptide Cleavage in Solution through Diketopiperazine Formation. Journal of the American Society for Mass Spectrometry, 2022, , .	1.2	0