

# Contributions of mass spectrometry to peptide and pro

Biological Mass Spectrometry

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Citation Report

#	ARTICLE	IF	CITATIONS
1	High performance sector mass spectrometers: Past and present. <i>Mass Spectrometry Reviews</i> , 1989, 8, 203-236.	2.8	16
2	Structure elucidation of hemoglobin variants and other proteins by digit-printing method. <i>Mass Spectrometry Reviews</i> , 1989, 8, 379-434.	2.8	62
3	FAB/MS/MS for the determination of biomolecules: A compendium. <i>Mass Spectrometry Reviews</i> , 1989, 8, 483-511.	2.8	29
4	Computer program (SEQPEP) to aid in the interpretation of high-energy collision tandem mass spectra of peptides. <i>Biomedical &amp; Environmental Mass Spectrometry</i> , 1989, 18, 945-957.	1.6	106
5	Design considerations, calibration and applications of an array detector for a four-sector tandem mass spectrometer. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1989, 92, 211-230.	1.9	52
6	Oligopeptide sequence analysis by collision-activated dissociation of multiply charged ions. <i>Rapid Communications in Mass Spectrometry</i> , 1989, 3, 122-124.	0.7	47
7	Measurement of unimolecular decay in peptides of masses greater than 1200 units by a reflecting time-of-flight mass spectrometer. <i>Rapid Communications in Mass Spectrometry</i> , 1989, 3, 443-448.	0.7	34
8	Coaxial continuous flow fast atom bombardment in conjunction with tandem mass spectrometry for the analysis of biomolecules. <i>Analytical Chemistry</i> , 1989, 61, 2504-2511.	3.2	60
9	Influence of the ratio of matrix to analyte on the fast atom bombardment mass spectrometric response of peptides sampled from aqueous glycerol. <i>Analytical Chemistry</i> , 1989, 61, 2674-2682.	3.2	16
10	Comparison of screening techniques for polychlorinated biphenyls in waste oils. <i>Analytical Chemistry</i> , 1989, 61, 2682-2686.	3.2	4
11	Separation of the reagent ions from the reagent gas in ammonia chemical ionization mass spectrometry. <i>Analytical Chemistry</i> , 1989, 61, 2511-2515.	3.2	10
12	A revised sequence of calf thymus glutaredoxin. <i>Biochemical and Biophysical Research Communications</i> , 1989, 159, 1448-1454.	1.0	44
13	Chapter 27. Recent Developments in the Mass Spectrometry of Peptides and Proteins.. <i>Annual Reports in Medicinal Chemistry</i> , 1989, 24, 253-263.	0.5	3
14	Efficient introduction of HPLC fractions into a high performance tandem mass spectrometer. <i>Chromatographia</i> , 1990, 30, 477-483.	0.7	22
15	New tools for protein sequence analysis. <i>Trends in Biotechnology</i> , 1990, 8, 282-288.	4.9	3
16	Collisional activation and collision-activated dissociation of large multiply charged polypeptides and proteins produced by electrospray ionization. <i>Journal of the American Society for Mass Spectrometry</i> , 1990, 1, 53-65.	1.2	236
17	Tandem mass spectrometry for the structural determination of backbone-modified peptides. <i>Journal of the American Society for Mass Spectrometry</i> , 1990, 1, 174-182.	1.2	13
18	Influence of sequence on the fragmentation of serine- and threonine-containing peptides in 252Cf-plasma desorption mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1990, 4, 41-43.	0.7	6

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19	Peptide sequencing with electrospray ionization on a magnetic sector mass spectrometer. <i>Rapid Communications in Mass Spectrometry</i> , 1990, 4, 151-155.	0.7	54
20	Sequence-informative fragmentation of peptides up to a molecular weight of 4.6 kDa in plasma-desorption mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1990, 4, 202-205.	0.7	28
21	Sequence-specific fragmentation from oligopeptides using plasma-desorption mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1990, 4, 541-545.	0.7	9
22	MacProMass: A computer program to correlate mass spectral data to peptide and protein structures. <i>Biological Mass Spectrometry</i> , 1990, 19, 639-645.	0.5	46
23	Structural characterization by mass spectrometry of native and recombinant human relaxin. <i>Biological Mass Spectrometry</i> , 1990, 19, 655-664.	0.5	64
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26	Structure determination of O-linked glycopeptides by tandem mass spectrometry. <i>Biological Mass Spectrometry</i> , 1990, 19, 777-781.	0.5	49
27	Collision induced dissociation of peptide ions.. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1990, 98, 107-134.	1.9	66
28	Microderivatization of peptides by placing a fixed positive charge at the N-terminus to modify high energy collision fragmentation. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1990, 100, 287-299.	1.9	71
29	Collisional activation and dissociation of large multiply charged proteins produced by electrospray ionization. <i>Analytica Chimica Acta</i> , 1990, 241, 167-173.	2.6	39
30	[25] Sequencing of peptides by tandem mass spectrometry and high-energy collision-induced dissociation. <i>Methods in Enzymology</i> , 1990, 193, 455-479.	0.4	291
31	Complete amino acid sequence of bovine glia maturation factor beta.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990, 87, 5233-5237.	3.3	63
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37	Appendix 5. Nomenclature for peptide fragment ions (positive ions). <i>Methods in Enzymology</i> , 1990, 193, 886-887.	0.4	389
38	New developments in biochemical mass spectrometry: electrospray ionization. <i>Analytical Chemistry</i> , 1990, 62, 882-899.	3.2	1,092
39	Analysis of tryptic peptides from the C-terminal region of alpha-crystallin from cataractous and normal human lenses. <i>Experimental Eye Research</i> , 1990, 50, 695-702.	1.2	16
40	Structure and time-dependent behavior of acetylated and non-acetylated forms of a molluscan metallothionein. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1991, 1074, 230-236.	1.1	31
41	Integration of mass spectrometry in analytical biotechnology. <i>Analytical Chemistry</i> , 1991, 63, 2802-2824.	3.2	248
42	Primary structure determination of peptides and enzymically digested proteins using capillary liquid chromatography/mass spectrometry and rapid linked-scan techniques. <i>Analytical Chemistry</i> , 1991, 63, 1091-1097.	3.2	29
43	Hydrocarbon type determination of naphthas and catalytically reformed products by automated multidimensional gas chromatography. <i>Analytical Chemistry</i> , 1991, 63, 114-120.	3.2	29
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45	Parvalbumin isoforms in chicken muscle and thymus. Amino acid sequence analysis of muscle parvalbumin by tandem mass spectrometry. <i>Biochemistry</i> , 1991, 30, 8812-8816.	1.2	24
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49	Tandem mass spectrometry of very large molecules: serum albumin sequence information from multiply charged ions formed by electrospray ionization. <i>Analytical Chemistry</i> , 1991, 63, 2488-2499.	3.2	198
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