

# JÃ©rÃ©me Lemoine

## List of Publications by Year in descending order

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138  
papers

4,747  
citations

94433

37  
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128289

60  
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140  
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140  
docs citations

140  
times ranked

5167  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Organization of the Alkali-insoluble Fraction of <i>Aspergillus fumigatus</i> Cell Wall. <i>Journal of Biological Chemistry</i> , 2000, 275, 27594-27607.	3.4	342
2	Clinical Quantitation of Prostate-specific Antigen Biomarker in the Low Nanogram/Milliliter Range by Conventional Bore Liquid Chromatography-Tandem Mass Spectrometry (Multiple Reaction) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 T</i> 1006-1015.	3.8	151
3	Multiple Reaction Monitoring Cubed for Protein Quantification at the Low Nanogram/Milliliter Level in Nondepleted Human Serum. <i>Analytical Chemistry</i> , 2009, 81, 9343-9352.	6.5	132
4	Collision-induced dissociation of alkali metal cationized and permethylated oligosaccharides: Influence of the collision energy and of the collision gas for the assignment of linkage position. <i>Journal of the American Society for Mass Spectrometry</i> , 1993, 4, 197-203.	2.8	128
5	Proteomics of breast cancer for marker discovery and signal pathway profiling. <i>Proteomics</i> , 2001, 1, 1216-1232.	2.2	119
6	Structural characterization of the exocellular polysaccharides produced by <i>Streptococcus thermophilus</i> SFi39 and SFi12. <i>Applied and Environmental Microbiology</i> , 1997, 63, 3512-3518.	3.1	103
7	Identification of O-linked N-Acetylglucosamine Proteins in Rat Skeletal Muscle Using Two-dimensional Gel Electrophoresis and Mass Spectrometry. <i>Molecular and Cellular Proteomics</i> , 2004, 3, 577-585.	3.8	99
8	Association of atp synthase Î±-chain with neurofibrillary degeneration in alzheimerâ€™s disease. <i>Neuroscience</i> , 2003, 117, 293-303.	2.3	97
9	Characterization of N-Glycans from <i>Arabidopsis</i> . Application to a Fucose-Deficient Mutant1. <i>Plant Physiology</i> , 1999, 119, 725-734.	4.8	94
10	The antiapoptotic effect of fibroblast growth factor-2 is mediated through nuclear factor-Î² activation induced via interaction between Akt and Î² kinase-Î² in breast cancer cells. <i>Oncogene</i> , 2005, 24, 5482-5491.	5.9	91
11	Proteomics Exploration Reveals That Actin Is a Signaling Target of the Kinase Akt. <i>Molecular and Cellular Proteomics</i> , 2007, 6, 114-124.	3.8	89
12	Molecular Characterization of Two Novel Antibacterial Peptides Inducible upon Bacterial Challenge in an Annelid, the Leech <i>Theromyzon tessulatam</i> . <i>Journal of Biological Chemistry</i> , 2004, 279, 30973-30982.	3.4	87
13	Folding of a Salivary Intrinsically Disordered Protein upon Binding to Tannins. <i>Journal of the American Chemical Society</i> , 2011, 133, 7847-7852.	13.7	81
14	Total ApoE and ApoE4 Isoform Assays in an Alzheimer's Disease Case-control Study by Targeted Mass Spectrometry (n = 669): A Pilot Assay for Methionine-containing Proteotypic Peptides. <i>Molecular and Cellular Proteomics</i> , 2012, 11, 1389-1403.	3.8	80
15	The Valosin-containing Protein (VCP) Is a Target of Akt Signaling Required for Cell Survival. <i>Journal of Biological Chemistry</i> , 2006, 281, 14307-14313.	3.4	75
16	Sulfated Lewis X Determinants as a Major Structural Motif in Glycans from LS174T-HM7 Human Colon Carcinoma Mucin. <i>Journal of Biological Chemistry</i> , 1997, 272, 31957-31968.	3.4	72
17	Proteomic Detection of Changes in Protein Synthesis Induced by Fibroblast Growth Factor-2 in MCF-7 Human Breast Cancer Cells. <i>Experimental Cell Research</i> , 2001, 262, 59-68.	2.6	70
18	Photo-induced formation of radical anion peptides. Electron photodetachment dissociation experiments. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 265-268.	1.5	69

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19	Glutathionylation Induces the Dissociation of 1-Cys D-peroxiredoxin Non-covalent Homodimer. <i>Journal of Biological Chemistry</i> , 2006, 281, 31736-31742.	3.4	67
20	Activated-Electron Photodetachment Dissociation for the Structural Characterization of Protein Polyaniions. <i>Analytical Chemistry</i> , 2009, 81, 8410-8416.	6.5	66
21	Rapid Bacterial Identification, Resistance, Virulence and Type Profiling using Selected Reaction Monitoring Mass Spectrometry. <i>Scientific Reports</i> , 2015, 5, 13944.	3.3	66
22	Identification of new O-GlcNAc modified proteins using a click-chemistry-based tagging. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 390, 2089-2097.	3.7	63
23	Structural Analysis of Derivatized Oligosaccharides Using Post-source Decay Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry. , 1996, 31, 908-912.		61
24	Identification of N-acetyl-d-glucosamine-specific lectins from rat liver cytosolic and nuclear compartments as heat-shock proteins. <i>Biochemical Journal</i> , 2001, 360, 179-188.	3.7	61
25	Wavelength-tunable ultraviolet photodissociation (UVPD) of heparin-derived disaccharides in a linear ion trap. <i>Journal of the American Society for Mass Spectrometry</i> , 2009, 20, 1645-1651.	2.8	57
26	Effect of rugosity on a flow governed by stationary Navier-Stokes equations. <i>Quarterly of Applied Mathematics</i> , 2001, 59, 769-785.	0.7	56
27	Ultraviolet Spectroscopy of Peptide and Protein Polyaniions in Vacuo:Â Signature of the Ionization State of Tyrosine. <i>Journal of the American Chemical Society</i> , 2007, 129, 8428-8429.	13.7	56
28	Specific UV photodissociation of tyrosyl-containing peptides in multistage mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2007, 42, 818-824.	1.6	55
29	Thioredoxin post-transcriptional regulation by H19 provides a new function to mRNA-like non-coding RNA. <i>Oncogene</i> , 2002, 21, 1625-1631.	5.9	49
30	70-kDa-heat shock protein presents an adjustable lectinic activity towards O-linked N-acetylglucosamine. <i>Biochemical and Biophysical Research Communications</i> , 2004, 319, 21-26.	2.1	48
31	Structure analysis of branched oligosaccharides using post-source decay in matrix-assisted laser desorption ionization mass spectrometry. <i>Organic Mass Spectrometry</i> , 1994, 29, 782-787.	1.3	47
32	The current status of clinical proteomics and the use of MRM and MRM<sup>3</sup>for biomarker validation. <i>Expert Review of Molecular Diagnostics</i> , 2012, 12, 333-342.	3.1	44
33	Conformation of Polyalanine and Polyglycine Dications in the Gas Phase: Insight from Ion Mobility Spectrometry and Replica-Exchange Molecular Dynamics. <i>Journal of Physical Chemistry A</i> , 2010, 114, 6888-6896.	2.5	43
34	Collisional-activation tandem mass spectrometry of sodium adduct ions of methylated oligosaccharides: sequence analysis and discrimination between Î±-NeuAc-(2 â†' 3) and Î±-NeuAc-(2 â†' 6) linkages. <i>Carbohydrate Research</i> , 1991, 221, 209-217.	2.3	41
35	The combination of electron capture dissociation and fixed charge derivatization increases sequence coverage for O-glycosylated and O-phosphorylated peptides. <i>Journal of the American Society for Mass Spectrometry</i> , 2007, 18, 1405-1413.	2.8	41
36	Size Dependence of the Folding of Multiply Charged Sodium Cationized Polylactides Revealed by Ion Mobility Mass Spectrometry and Molecular Modelling. <i>Chemistry - A European Journal</i> , 2011, 17, 9738-9745.	3.3	41

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37	Osmoregulated Periplasmic Glucans of <i>Erwinia chrysanthemi</i> . <i>Journal of Bacteriology</i> , 2001, 183, 3127-3133.	2.2	40
38	<i>Lactobacillus helveticus</i> Lh59 secretes an exopolysaccharide that is identical to the one produced by <i>Lactobacillus helveticus</i> TN-4, a presumed spontaneous mutant of <i>Lactobacillus helveticus</i> TY1â€™2. <i>Carbohydrate Research</i> , 1997, 302, 197-202.	2.3	37
39	Identification of N-acetyl-d-glucosamine-specific lectins from rat liver cytosolic and nuclear compartments as heat-shock proteins. <i>Biochemical Journal</i> , 2001, 360, 179.	3.7	37
40	Mechanisms of Resistance to Ceftolozane/Tazobactam in <i>Pseudomonas aeruginosa</i> : Results of the GERPA Multicenter Study. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	3.2	35
41	In acute inflammation, the chondroitin-4 sulphate carried by bikunin is not only longer; it is also undersulphated. <i>Biochimie</i> , 2003, 85, 101-107.	2.6	34
42	On the Two-Dimensional Hydrostatic Navier--Stokes Equations. <i>SIAM Journal on Mathematical Analysis</i> , 2005, 36, 796-814.	1.9	34
43	Proteomic analysis of a non-virulent mutant of the phytopathogenic bacterium <i>Erwinia chrysanthemi</i> deficient in osmoregulated periplasmic glucans: change in protein expression is not restricted to the envelope, but affects general metabolism. <i>Microbiology (United Kingdom)</i> , 2007, 153, 760-767.	1.8	34
44	Evaluation of hydrophilic interaction chromatography (HILIC) versus C18 reversed-phase chromatography for targeted quantification of peptides by mass spectrometry. <i>Journal of Chromatography A</i> , 2012, 1264, 31-39.	3.7	34
45	Photoinduced Dissociation of Heparin-Derived Oligosaccharides Controlled by Charge Location. <i>Journal of the American Society for Mass Spectrometry</i> , 2010, 21, 2077-2084.	2.8	33
46	UV Photodissociation of Proline-containing Peptide Ions: Insights from Molecular Dynamics. <i>Journal of the American Society for Mass Spectrometry</i> , 2015, 26, 432-443.	2.8	33
47	Structural analysis of the oligosaccharide-alditols released by reductive beta-elimination from oviducal mucins of <i>Rana temporaria</i> . <i>Glycoconjugate Journal</i> , 1997, 14, 127-146.	2.7	32
48	Electron Photodetachment from Gas Phase Peptide Dianions. Relation with Optical Absorption Properties. <i>Journal of Physical Chemistry A</i> , 2008, 112, 898-903.	2.5	32
49	Improved detection specificity for plasma proteins by targeting cysteine-containing peptides with photo-SRM. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 2321-2331.	3.7	32
50	Deciphering the structure of isomeric oligosaccharides in a complex mixture by tandem mass spectrometry: Photon activation with vacuum ultra-violet brings unique information and enables definitive structure assignment. <i>Analytica Chimica Acta</i> , 2014, 807, 84-95.	5.4	32
51	Structural analysis of three sulfated oligosaccharides isolated from human milk. <i>Carbohydrate Research</i> , 1999, 320, 230-238.	2.3	31
52	Long-Lasting Enfuvirtide Carrier Pentasaccharide Conjugates with Potent Anti-Human Immunodeficiency Virus Type 1 Activity. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 134-142.	3.2	31
53	The mitogenic signaling pathway for fibroblast growth factor-2 involves the tyrosine phosphorylation of cyclin D2 in MCF-7 human breast cancer cells. <i>FEBS Letters</i> , 2000, 478, 209-215.	2.8	30
54	Comparative dissociation of peptide polyanions by electron impact and photo-induced electron detachment. <i>Journal of the American Society for Mass Spectrometry</i> , 2010, 21, 670-680.	2.8	30

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55	Osmoregulated periplasmic glucans of the free-living photosynthetic bacterium <i>Rhodobacter sphaeroides</i> . <i>FEBS Journal</i> , 2002, 269, 2464-2472.	0.2	29
56	Optical and Structural Properties of Copper <sup>2+</sup> Oxytocin Dications in the Gas Phase. <i>Journal of Physical Chemistry B</i> , 2009, 113, 11293-11300.	2.6	29
57	Electron photodetachment dissociation for structural characterization of synthetic and bio $\alpha$ -polymer anions. <i>Mass Spectrometry Reviews</i> , 2014, 33, 501-522.	5.4	29
58	Combined Infrared Multiphoton Dissociation with Ultraviolet Photodissociation for Ubiquitin Characterization. <i>Journal of the American Society for Mass Spectrometry</i> , 2016, 27, 1435-1442.	2.8	29
59	Deciphering Multifactorial Resistance Phenotypes in <i>Acinetobacter baumannii</i> by Genomics and Targeted Label-free Proteomics. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 442-456.	3.8	29
60	UV spectroscopy of entire proteins in the gas phase. <i>International Journal of Mass Spectrometry</i> , 2010, 297, 36-40.	1.5	28
61	Mass spectrometry assay as an alternative to the enzyme-linked immunosorbent assay test for biomarker quantitation in ecotoxicology: Application to vitellogenin in Crustacea ( <i>Gammarus</i> ) Tj ETQq1 1 0.784314 mgBT / Overlock 10 T	1.7	28
62	Binding motifs of silver in prion octarepeat model peptides: a joint ion mobility, IR and UV spectroscopies, and theoretical approach. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 11433.	2.8	28
63	Proteomics Demonstration That Normal Breast Epithelial Cells Can Induce Apoptosis of Breast Cancer Cells through Insulin-like Growth Factor-binding Protein-3 and Maspin. <i>Molecular and Cellular Proteomics</i> , 2007, 6, 1239-1247.	3.8	27
64	Optimization of liquid chromatography $\alpha$ -multiple reaction monitoring cubed mass spectrometry assay for protein quantification: Application to aquaporin-2 water channel in human urine. <i>Journal of Chromatography A</i> , 2013, 1301, 122-130.	3.7	27
65	UV photodissociation of phospho-seryl-containing peptides: laser stabilization of the phospho-seryl bond with multistage mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 507-511.	1.5	26
66	Absolute quantification of podocin, a potential biomarker of glomerular injury in human urine, by liquid chromatography $\alpha$ -multiple reaction monitoring cubed mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 94, 84-91.	2.8	23
67	Primary structure of a trisialylated oligosaccharide from human milk. <i>Biochemical and Biophysical Research Communications</i> , 1991, 177, 720-725.	2.1	22
68	Purification and characterization of the MUC1 mucin-type glycoprotein, epitectin, from human urine: structures of the major oligosaccharide alditols. <i>Glycoconjugate Journal</i> , 1998, 15, 37-49.	2.7	22
69	Structural Analysis of O-Linked Oligosaccharide-Alditols by Electrospray $\alpha$ -Tandem Mass Spectrometry after Mild Periodate Oxidation and Derivatization with 2-Aminopyridine. <i>Analytical Biochemistry</i> , 1998, 259, 16-27.	2.4	22
70	Combining ion mobility mass spectrometry and infrared multiphoton dissociation spectroscopy to probe the structure of gas-phase vancomycin $\alpha$ -Ac <sup>2</sup> LKDADA non-covalent complex. <i>International Journal of Mass Spectrometry</i> , 2010, 297, 28-35.	1.5	22
71	Identification of substituted sites on MUC5AC mucin motif peptides after enzymatic O-glycosylation combining $\beta$ -elimination and fixed-charge derivatization. <i>Rapid Communications in Mass Spectrometry</i> , 2002, 16, 27-34.	1.5	21
72	Functional proteomics of breast cancer for signal pathway profiling and target discovery. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2002, 7, 395-405.	2.7	21

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73	Localization of the O-Glycosylated Sites in Peptides by Fixed-Charge Derivatization with a Phosphonium Group. <i>Analytical Chemistry</i> , 2004, 76, 4320-4324.	6.5	21
74	Soret Band of the Gas-Phase Ferri-Cytochrome <i>c</i> . <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 698-702.	4.6	21
75	Statistical Analysis of Ion Mobility Spectrometry. II. Adaptively Biased Methods and Shape Correlations. <i>Journal of the American Society for Mass Spectrometry</i> , 2012, 23, 1279-1288.	2.8	21
76	213 nm Ultraviolet Photodissociation on Peptide Anions: Radical-Directed Fragmentation Patterns. <i>Journal of the American Society for Mass Spectrometry</i> , 2016, 27, 474-486.	2.8	21
77	Ultraviolet, Infrared, and High-Low Energy Photodissociation of Post-Translationally Modified Peptides. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 270-283.	2.8	21
78	Separation of oligosaccharides by capillary supercritical fluid chromatography and analysis by direct coupling to high-resolution mass spectrometer: Application to analysis of oligomannosidic N-glycans. <i>Analytical Biochemistry</i> , 1990, 184, 235-243.	2.4	20
79	Analysis of 8-aminonaphthalene-1,3,6-trisulfonic acid labelled N-glycans by matrix-assisted laser desorption/ionisation time-of-flight mass spectrometry. , 2000, 14, 100-104.		20
80	Growth signaling in breast cancer cells: outcomes and promises of proteomics. <i>Biochemical Pharmacology</i> , 2002, 64, 797-803.	4.4	20
81	Formation and Characterisation of the Silver Hydride Nanocluster Cation $[Ag_3H_2((Ph)_2P)_2CH_2]$ and Its Release of Hydrogen. <i>Chemistry - A European Journal</i> , 2014, 20, 16626-16633.	3.3	20
82	Photo-ESRM: laser-induced dissociation improves detection selectivity of selected reaction monitoring mode. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 3375-3381.	1.5	19
83	Overcoming biofluid protein complexity during targeted mass spectrometry detection and quantification of protein biomarkers by MRM cubed (MRM3). <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 1193-1200.	3.7	19
84	Scout-MRM: Multiplexed Targeted Mass Spectrometry-Based Assay without Retention Time Scheduling Exemplified by <i>Dickeya dadantii</i> Proteomic Analysis during Plant Infection. <i>Analytical Chemistry</i> , 2017, 89, 1421-1426.	6.5	19
85	Gas-Phase Structure of Amyloid- $\beta$ (12-28) Peptide Investigated by Infrared Spectroscopy, Electron Capture Dissociation and Ion Mobility Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2013, 24, 1937-1949.	2.8	18
86	On the existence of solutions for non-stationary third-grade fluids. <i>International Journal of Non-Linear Mechanics</i> , 1999, 34, 485-498.	2.6	17
87	Statistical Analysis of Ion Mobility Spectrometry. I. Unbiased and Guided Replica-Exchange Molecular Dynamics. <i>Journal of the American Society for Mass Spectrometry</i> , 2012, 23, 386-396.	2.8	17
88	Implementing visible 473 nm photodissociation in a Q-Exactive mass spectrometer: towards specific detection of cysteine-containing peptides. <i>Analyst</i> , 2014, 139, 5523-5530.	3.5	17
89	Multiplexed assay for protein quantitation in the invertebrate <i>Gammarus fossarum</i> by liquid chromatography coupled to tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 3969-3991.	3.7	17
90	Two novel isoneolacto-undecaglycosylceramides carrying Gal $\alpha$ 1 $\rightarrow$ 3Lewis(x) on the 6-linked antenna and N-acetylneuraminic acid $\alpha$ 2 $\rightarrow$ 3 or Galactose $\alpha$ 1 $\rightarrow$ 3 on the 3-linked antenna, expressed in porcine kidney. <i>Glycoconjugate Journal</i> , 1998, 15, 1001-1016.	2.7	15

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91	Species specificity of O-linked carbohydrate chains of the oviducal mucins in amphibians: structural analysis of neutral oligosaccharide alditols released by reductive $\beta$ -elimination from the egg-jelly coats of <i>Rana clamitans</i> . <i>Biochemical Journal</i> , 2002, 363, 457.	3.7	15
92	Fragmentation of the tryptophan cluster [Trp <sub>9</sub> -H <sup>2+</sup> ] induced by different activation methods. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 3255-3260.	1.5	15
93	Hydrophilic interaction liquid chromatography as second dimension in multidimensional chromatography with an anionic trapping strategy: Application to prostate-specific antigen quantification. <i>Journal of Chromatography A</i> , 2014, 1354, 75-84.	3.7	15
94	Shotgun lipidomics and mass spectrometry imaging unveil diversity and dynamics in <i>Gammarus fossarum</i> lipid composition. <i>IScience</i> , 2021, 24, 102115.	4.1	15
95	Sub-microsecond photodissociation pathways of gas phase adenosine 5'-monophosphate nucleotide ions. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 3486.	2.8	14
96	Enhancement of PDGF-BB mitogenic activity on human dermal fibroblasts by biospecific dextran derivatives. <i>Biomaterials</i> , 2008, 29, 2280-2292.	11.4	13
97	Electron photodetachment of trapped doubly deprotonated angiotensin peptides. UV spectroscopy and radical recombination. <i>European Physical Journal D</i> , 2009, 51, 117-124.	1.3	13
98	Optical Properties of Isolated Hormone Oxytocin Dianions: Ionization, Reduction, and Copper Complexation Effects. <i>Journal of Physical Chemistry A</i> , 2009, 113, 6607-6611.	2.5	13
99	UV electronic excitations in acidic sugars. <i>Computational and Theoretical Chemistry</i> , 2010, 960, 51-56.	1.5	13
100	A Vertical Diffusion Model for Lakes. <i>SIAM Journal on Mathematical Analysis</i> , 1999, 30, 603-622.	1.9	12
101	Endgroup characterization of poly(styrene sulfonate sodium salt) by activated electron photodetachment dissociation. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 3259-3266.	1.5	12
102	Proteomics of Breast Cancer: Outcomes and Prospects. <i>Technology in Cancer Research and Treatment</i> , 2002, 1, 287-295.	1.9	11
103	Structural Basis of Protein Oxidation Resistance: A Lysozyme Study. <i>PLoS ONE</i> , 2014, 9, e101642.	2.5	11
104	Gas-phase conformations of capistruin - comparison of lasso, branched cyclic and linear topologies. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 1411-1419.	1.5	11
105	oligosaccharide related to N-glycosylated protein glycans isolated from GM1 the urine of patients with gangliosidosis. <i>FEBS Journal</i> , 1991, 198, 521-526.	0.2	10
106	Photodissociation pathways and lifetimes of protonated peptides and their dimers. <i>Journal of Chemical Physics</i> , 2012, 136, 014307.	3.0	10
107	Targeted liquid chromatography quadrupole ion trap mass spectrometry analysis of tachykinin related peptides reveals significant expression differences in a rat model of neuropathic pain. <i>Neuropeptides</i> , 2013, 47, 261-271.	2.2	10
108	Combination of a discovery LC-MS/MS analysis and a label-free quantification for the characterization of an epithelial-mesenchymal transition signature. <i>Journal of Proteomics</i> , 2014, 110, 183-194.	2.4	10

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109	Absolute quantification of podocalyxin, a potential biomarker of glomerular injury in human urine, by liquid chromatographyâ€“mass spectrometry. <i>Journal of Chromatography A</i> , 2015, 1397, 81-85.	3.7	10
110	High-multiplexed monitoring of protein biomarkers in the sentinel <i>Gammarus fossarum</i> by targeted scout-MRM assay, a new vision for ecotoxicoproteomics. <i>Journal of Proteomics</i> , 2020, 226, 103901.	2.4	10
111	Structural characterization of a poly(methacrylic acid)/poly(methylmethacrylate) copolymer by activated electron photo-detachment dissociation. <i>International Journal of Mass Spectrometry</i> , 2013, 333, 27-33.	1.5	9
112	From shotgun to targeted proteomics: rapid Scout-MRM assay development for monitoring potential immunomarkers in <i>Dreissena polymorpha</i> . <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 7333-7347.	3.7	9
113	Scout-multiple reaction monitoring: A liquid chromatography tandem mass spectrometry approach for multi-residue pesticide analysis without time scheduling. <i>Journal of Chromatography A</i> , 2020, 1621, 461046.	3.7	9
114	Analysis of Continuous $H^{-1}$ -Least-Squares Methods for the Steady Navierâ€“Stokes System. <i>Applied Mathematics and Optimization</i> , 2021, 83, 461-488.	1.6	9
115	Ultrasound Promoted Glucose Oligomerization Under Fischer Glycosylation Conditions: Structural Aspects. <i>Journal of Carbohydrate Chemistry</i> , 1998, 17, 879-891.	1.1	8
116	Structural Preferences of Gas-Phase M2TMP Monomers upon Sequence Variations. <i>Journal of Physical Chemistry A</i> , 2011, 115, 4711-4718.	2.5	8
117	Efficient Structural Characterization of Poly(Methacrylic Acid) by Activated-Electron Photodetachment Dissociation. <i>Journal of the American Society for Mass Spectrometry</i> , 2012, 23, 7-11.	2.8	8
118	Vacuum Ultraviolet Action Spectroscopy of Polysaccharides. <i>Journal of the American Society for Mass Spectrometry</i> , 2013, 24, 1271-1279.	2.8	8
119	Data-Independent Acquisition Coupled to Visible Laser-Induced Dissociation at 473 nm (DIA-LID) for Peptide-Centric Specific Analysis of Cysteine-Containing Peptide Subset. <i>Analytical Chemistry</i> , 2018, 90, 3928-3935.	6.5	8
120	Glutamateâ€“Glycine and Histidineâ€“Glycine Coâ€“oligopeptides: Batch Coâ€“oligomerization versus Pulsed Addition of $N$ -Carboxyanhydrides. <i>ChemBioChem</i> , 2008, 9, 710-713.	2.6	7
121	Liquid chromatography coupled to tandem mass spectrometry for the analysis of inositol hexaphosphate after solid-phase extraction. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2016, 39, 408-414.	1.0	7
122	Streamlined Development of Targeted Mass Spectrometryâ€“Based Method Combining Scoutâ€“MRM and a Webâ€“Based Tool Indexed with Scout Peptides. <i>Proteomics</i> , 2020, 20, 1900254.	2.2	7
123	Identification of potential cellular targets of aloisine A by affinity chromatography. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 5572-5582.	3.0	6
124	Ion Trajectory Simulations in a High-Pressure Cylindrical Ion Trap. <i>European Journal of Mass Spectrometry</i> , 2010, 16, 557-565.	1.0	6
125	Investigation of the metabolic biotransformation of substance P in liver microsomes by liquid chromatography quadrupole ion trap mass spectrometry. <i>Biomedical Chromatography</i> , 2013, 27, 39-47.	1.7	6
126	Absolute quantification of dengue virus serotype 4 chimera vaccine candidate in Vero cell culture by targeted mass spectrometry. <i>Proteomics</i> , 2015, 15, 3320-3330.	2.2	6



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127	Identification and absolute quantification of enzymes in laundry detergents by liquid chromatography tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 4669-4681.	3.7	6
128	Optical Properties of a Visible Push-Pull Chromophore Covalently Bound to Carbohydrates: Solution and Gas-Phase Spectroscopy Combined to Theoretical Investigations. <i>Journal of Physical Chemistry B</i> , 2012, 116, 841-851.	2.6	5
129	Quantitative Mass Spectrometry Analysis Reveals that Deletion of the TRPV1 Receptor in Mice Alters Substance P and Neurokinin A Expression in the Central Nervous System. <i>Neurochemical Research</i> , 2012, 37, 2678-2685.	3.3	5
130	Alternative Representation for the Stability Diagram of Quadrupole Ion Traps upon Additional Quadrupolar Excitation. <i>European Journal of Mass Spectrometry</i> , 2013, 19, 141-149.	1.0	4
131	Fragmentation patterns of chromophore-tagged peptides in visible laser induced dissociation. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 1985-1992.	1.5	4
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