

# Michael Linscheid

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6655302/publications.pdf>

Version: 2024-02-01

170  
papers

4,811  
citations

87888

38  
h-index

133252

59  
g-index

181  
all docs

181  
docs citations

181  
times ranked

4977  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular composition of organic aerosols formed in the $\alpha$ -pinene/O <sub>3</sub> reaction: Implications for new particle formation processes. <i>Journal of Geophysical Research</i> , 1998, 103, 25569-25578.	3.3	197
2	The role of hair follicles in the percutaneous absorption of caffeine. <i>British Journal of Clinical Pharmacology</i> , 2008, 65, 488-492.	2.4	177
3	Analysis of Protein Phosphorylation by Capillary Liquid Chromatography Coupled to Element Mass Spectrometry with <sup>31</sup> P Detection and to Electrospray Mass Spectrometry. <i>Analytical Chemistry</i> , 2001, 73, 29-35.	6.5	164
4	Identification of Fulvic Acids and Sulfated and Nitrated Analogues in Atmospheric Aerosol by Electrospray Ionization Fourier Transform Ion Cyclotron Resonance Mass Spectrometry. <i>Analytical Chemistry</i> , 2006, 78, 8299-8304.	6.5	151
5	A Metal-coded Affinity Tag Approach to Quantitative Proteomics. <i>Molecular and Cellular Proteomics</i> , 2007, 6, 1907-1916.	3.8	149
6	Characterization of Lipids from Chloroplast Envelopes. <i>FEBS Journal</i> , 1979, 101, 429-438.	0.2	123
7	The Obligate Predatory <i>Bdellovibrio bacteriovorus</i> Possesses a Neutral Lipid A Containing $\alpha$ -D-Mannoses That Replace Phosphate Residues. <i>Journal of Biological Chemistry</i> , 2003, 278, 27502-27512.	3.4	92
8	The Structures of Sinapic Acid Esters and Their Metabolism in Cotyledons of <i>Raphanus sativus</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1980, 35, 907-914.	1.4	89
9	Molecular and Structural Characterization of Dissolved Organic Matter from the Deep Ocean by FTICR-MS, Including Hydrophilic Nitrogenous Organic Molecules. <i>Environmental Science &amp; Technology</i> , 2008, 42, 1430-1437.	10.0	89
10	Quantitative determination of DNA adducts using liquid chromatography/electrospray ionization mass spectrometry and liquid chromatography/high-resolution inductively coupled plasma mass spectrometry. , 1999, 34, 421-426.		87
11	Flavonoid lactates from leaves of <i>Marrubium vulgare</i> . <i>Phytochemistry</i> , 1989, 28, 3201-3206.	2.9	83
12	Permeation of topically applied caffeine through human skin – a comparison of <i>in vivo</i> and <i>in vitro</i> data. <i>British Journal of Clinical Pharmacology</i> , 2009, 68, 181-186.	2.4	81
13	Metal-Coded Affinity Tag Labeling: A Demonstration of Analytical Robustness and Suitability for Biological Applications. <i>Analytical Chemistry</i> , 2009, 81, 2176-2184.	6.5	80
14	Simultaneous determination of eight neonicotinoid insecticide residues and two primary metabolites in cucumbers and soil by liquid chromatography–tandem mass spectrometry coupled with QuEChERS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1031, 15-28.	2.3	75
15	Assessment of the vasodilator response in primary pulmonary hypertension Comparing prostacyclin and iloprost administered by either infusion or inhalation. <i>European Heart Journal</i> , 2003, 24, 356-365.	2.2	71
16	Fulvic Acids as Transition State of Organic Matter: Indications from High Resolution Mass Spectrometry. <i>Environmental Science &amp; Technology</i> , 2006, 40, 5839-5845.	10.0	71
17	Flavonoids of the flowers of <i>tamarix nilotica</i> . <i>Phytochemistry</i> , 1984, 23, 2347-2349.	2.9	68
18	Polyphenolic metabolites of <i>Epilobium hirsutum</i> . <i>Phytochemistry</i> , 1997, 46, 935-941.	2.9	66

#	ARTICLE	IF	CITATIONS
19	Differences in the molecular composition of fulvic acid size fractions detected by size-exclusion chromatography on line Fourier transform ion cyclotron resonance (FTICR) mass spectrometry. <i>Water Research</i> , 2008, 42, 63-72.	11.3	66
20	Combination and positional distribution of fatty acids in lipids from blue-green algae. <i>Archives of Microbiology</i> , 1978, 119, 157-162.	2.2	62
21	DOTA based metal labels for protein quantification: a review. <i>Journal of Analytical Atomic Spectrometry</i> , 2014, 29, 221-233.	3.0	62
22	Styrene oxide DNA adducts: in vitro reaction and sensitive detection of modified oligonucleotides using capillary zone electrophoresis interfaced to electrospray mass spectrometry. <i>Archives of Toxicology</i> , 1997, 71, 588-595.	4.2	57
23	Destabilizing the interplay between miR-1275 and IGF2BPs by <i>Tamarix articulata</i> and quercetin in hepatocellular carcinoma. <i>Natural Product Research</i> , 2018, 32, 2217-2220.	1.8	57
24	Comparison of different chelates for lanthanide labeling of antibodies and application in a Western blot immunoassay combined with detection by laser ablation (LA)-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2012, 27, 1311.	3.0	55
25	Anti-inflammatory and cytotoxic activities of dietary phenolics isolated from <i>Corchorus olitorius</i> and <i>Vitis vinifera</i> . <i>Journal of Functional Foods</i> , 2013, 5, 1204-1216.	3.4	52
26	Bioavailability of Clobetasol Propionate Quantification of Drug Concentrations in the Stratum Corneum by Dermatopharmacokinetics Using Tape Stripping. <i>Skin Pharmacology and Physiology</i> , 1999, 12, 46-53.	2.5	50
27	Niloticol, a phenolic glyceride and two phenolic aldehydes from the roots of <i>Tamarix nilotica</i> . <i>Phytochemistry</i> , 1987, 26, 1837-1838.	2.9	48
28	Absolute protein quantification by LC-ICP-MS using MeCAT peptide labeling. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 657-666.	3.7	46
29	DNA Quantification via ICP-MS Using Lanthanide-Labeled Probes and Ligation-Mediated Amplification. <i>Analytical Chemistry</i> , 2014, 86, 585-591.	6.5	46
30	Quantitative determination of melphalan DNA adducts using HPLC inductively coupled mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2006, 41, 507-516.	1.6	45
31	Polyphenolic constituents of the flowers of <i>Tamarix nilotica</i> : The structure of nilocitin, a new digalloylglucose. <i>Tetrahedron Letters</i> , 1984, 25, 49-52.	1.4	44
32	A new mass spectrometric approach to detect modifications in DNA. <i>Rapid Communications in Mass Spectrometry</i> , 1994, 8, 1035-1040.	1.5	44
33	Coupling of a Nucleoside with DNA by a Methyltransferase. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 2888-2891.	13.8	44
34	Identification of phenolic secondary metabolites from <i>Schotia brachypetala</i> and demonstration of their antioxidant activities in <i>Caenorhabditis elegans</i> . <i>PeerJ</i> , 2016, 4, e2404.	2.0	44
35	JCAMP-DX for Mass Spectrometry. <i>Applied Spectroscopy</i> , 1994, 48, 1545-1552.	2.2	43
36	Phosphopeptide Screening Using Nanocrystalline Titanium Dioxide Films as Affinity Matrix-Assisted Laser Desorption Ionization Targets in Mass Spectrometry. <i>Analytical Chemistry</i> , 2010, 82, 1047-1053.	6.5	42

#	ARTICLE	IF	CITATIONS
37	Field desorption mass spectrometry of oligosaccharides. Proceedings of the National Academy of Sciences of the United States of America, 1981, 78, 1471-1475.	7.1	41
38	Styrene oxide DNA adducts: quantitative determination using <sup>31</sup> P monitoring. Analytical and Bioanalytical Chemistry, 2005, 381, 205-211.	3.7	40
39	Structure-based design and synthesis of novel pseudosaccharine derivatives as antiproliferative agents and kinase inhibitors. European Journal of Medicinal Chemistry, 2013, 61, 122-131.	5.5	39
40	Influence of massage and occlusion on the ex vivo skin penetration of rigid liposomes and invasomes. European Journal of Pharmaceutics and Biopharmaceutics, 2014, 86, 301-306.	4.3	39
41	Determination of styrene oxide adducts in DNA and DNA components. Journal of Chromatography A, 1995, 717, 117-125.	3.7	38
42	Development of an in vitro Modified Skin Absorption Test for the Investigation of the Follicular Penetration Pathway of Caffeine. Skin Pharmacology and Physiology, 2010, 23, 320-327.	2.5	38
43	MALDI-LTQ-Orbitrap mass spectrometry imaging for lipidomic analysis in kidney under cisplatin chemotherapy. Talanta, 2017, 164, 16-26.	5.5	38
44	Lipids and Enzymatic Activities in Vacuolar Membranes Isolated via Protoplasts from Oat Primary Leaves. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1983, 38, 770-777.	1.4	37
45	Chlorambucil-Adducts in DNA Analyzed at the Oligonucleotide Level Using HPLC-ESI MS. Chemical Research in Toxicology, 2009, 22, 1435-1446.	3.3	36
46	Identification of Genes Essential for Prey-Independent Growth of <i>Bdellovibrio bacteriovorus</i> HD100. Journal of Bacteriology, 2011, 193, 1745-1756.	2.2	36
47	Application of Metal-Coded Affinity Tags (MeCAT): Absolute Protein Quantification with Top-Down and Bottom-Up Workflows by Metal-Coded Tagging. Analytical Chemistry, 2012, 84, 5268-5275.	6.5	36
48	LA-ICP-MS and nHPLC-ESI-LTQ-FT-MS/MS for the analysis of cisplatin-protein complexes separated by two dimensional gel electrophoresis in biological samples. Journal of Analytical Atomic Spectrometry, 2012, 27, 1474.	3.0	36
49	MeCAT-new iodoacetamide reagents for metal labeling of proteins and peptides. Analytical and Bioanalytical Chemistry, 2011, 401, 1203-1209.	3.7	35
50	Release of diacylglycerol moieties from various glycosyl diacylglycerols. Analytical Biochemistry, 1984, 139, 126-133.	2.4	33
51	Mass spectrometry of cis-diamminedichloroplatinum(II) adducts with the dinucleosidemonophosphates d(ApC), d(GpG) and d(TpC) in an ion trap. Journal of Mass Spectrometry, 2002, 37, 731-747.	1.6	32
52	Quantitative proteomics. Analytical and Bioanalytical Chemistry, 2005, 381, 64-66.	3.7	32
53	Predatory mechanisms of <i>Bdellovibrio</i> and like organisms. Future Microbiology, 2007, 2, 63-73.	2.0	32
54	Mass spectrometry of hydantoin-derived selective androgen receptor modulators. Journal of Mass Spectrometry, 2008, 43, 639-650.	1.6	32

#	ARTICLE	IF	CITATIONS
55	Evaluation of Plant Phenolic Metabolites as a Source of Alzheimer's Drug Leads. <i>BioMed Research International</i> , 2014, 2014, 1-10.	1.9	32
56	Development of a calibration and standardization procedure for LA-ICP-MS using a conventional ink-jet printer for quantification of proteins in electro- and Western-blot assays. <i>Journal of Analytical Atomic Spectrometry</i> , 2014, 29, 1282.	3.0	32
57	Field ionization mass spectrometry. "Field desorption spectra of nucleotides" experimental problems. <i>Biological Mass Spectrometry</i> , 1977, 4, 103-106.	0.5	29
58	Foetidin, a sesquiterpenoid coumarin from <i>Ferula assa-foetida</i> . <i>Phytochemistry</i> , 1985, 24, 869-870.	2.9	29
59	Membrane lipids of <i>Rhodospseudomonas viridis</i> . <i>Lipids and Lipid Metabolism</i> , 1997, 1347, 151-163.	2.6	28
60	Internal standardization of LA-ICP-MS immuno imaging via printing of universal metal spiked inks onto tissue sections. <i>Journal of Analytical Atomic Spectrometry</i> , 2016, 31, 801-808.	3.0	26
61	Identification and Characterization of Differentially-Regulated Type IVb Pilin Genes Necessary for Predation in Obligate Bacterial Predators. <i>Scientific Reports</i> , 2017, 7, 1013.	3.3	26
62	MeCAT labeling for absolute quantification of intact proteins using label-specific isotope dilution ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2012, 27, 1701.	3.0	25
63	Polyphenolic constituents of <i>Callistemon lanceolatus</i> leaves. <i>Die Pharmazie</i> , 2002, 57, 494-6.	0.5	25
64	Ericifolin: An eugenol 5-O-galloylglucoside and other phenolics from <i>Melaleuca ericifolia</i> . <i>Phytochemistry</i> , 2007, 68, 1464-1470.	2.9	24
65	Dual labeling of biomolecules using MeCAT and DOTA derivatives: application to quantitative proteomics. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 403, 2255-2267.	3.7	24
66	Elemental labelling and mass spectrometry for the specific detection of sulfenic acid groups in model peptides: a proof of concept. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 2015-2027.	3.7	24
67	Determination of the formation of the stratum corneum reservoir for two different corticosteroid formulations using tape stripping combined with UV/VIS spectroscopy. <i>JDDG - Journal of the German Society of Dermatology</i> , 2004, 2, 914-919.	0.8	23
68	Fragmentation behavior of metal-coded affinity tag (MeCAT)-labeled peptides. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 2045-2052.	1.5	23
69	Comprehensive profiling of the complex dendrimeric contrast agent Gadomer using a combined approach of CE, MS, and CE-MS. <i>Electrophoresis</i> , 2007, 28, 3088-3099.	2.4	22
70	Inductively Coupled Plasma Mass Spectrometry-Based Method for the Specific Quantification of Sulfenic Acid in Peptides and Proteins. <i>Analytical Chemistry</i> , 2014, 86, 1943-1948.	6.5	22
71	Gadolinium in human brain sections and colocalization with other elements. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2019, 6, e515.	6.0	22
72	Alpha-1-Antitrypsin: A Novel Human High Temperature Requirement Protease A1 (HTRA1) Substrate in Human Placental Tissue. <i>PLoS ONE</i> , 2014, 9, e109483.	2.5	21

#	ARTICLE	IF	CITATIONS
73	Polyphenols LC-MS2 profile of Ajwa date fruit ( <i>Phoenix dactylifera</i> L.) and their microemulsion: Potential impact on hepatic fibrosis. <i>Journal of Functional Foods</i> , 2018, 49, 401-411.	3.4	21
74	Lipid imaging for visualizing cilastatin amelioration of cisplatin-induced nephrotoxicity. <i>Journal of Lipid Research</i> , 2018, 59, 1561-1574.	4.2	21
75	Characterization of hepatoprotective metabolites from <i>Artemisia annua</i> and <i>Cleome droserifolia</i> using HPLC/PDA/ESI/MS <sup>n</sup> -MS. <i>Revista Brasileira De Farmacognosia</i> , 2019, 29, 213-220.	1.4	21
76	Collisionally activated dissociation of field desorbed protonated dinucleoside phosphates. <i>Organic Mass Spectrometry</i> , 1983, 18, 245-247.	1.3	20
77	Identification of trimethyllead in urine by high-performance liquid chromatography with column switching and chemical reaction detection and by liquid chromatography <sup>n</sup> mass spectrometry. <i>Journal of Chromatography A</i> , 1988, 439, 109-119.	3.7	20
78	Characterization of a Capillary Zone Electrophoresis/Electrospray-Mass Spectrometry Interface. <i>Analytical Chemistry</i> , 1998, 70, 1357-1361.	6.5	20
79	<i>Bdellovibrio bacteriovorus</i> Strains Produce a Novel Major Outer Membrane Protein during Predacious Growth in the Periplasm of Prey Bacteria. <i>Journal of Bacteriology</i> , 2004, 186, 2766-2773.	2.2	20
80	MeCAT peptide labeling for the absolute quantification of proteins by 2D <sup>n</sup> LC <sup>n</sup> ICP <sup>n</sup> MS. <i>Journal of Mass Spectrometry</i> , 2012, 47, 760-768.	1.6	20
81	Measurements Of Biogenic Hydrocarbons And Their Atmospheric Degradation In Forests. <i>International Journal of Environmental Analytical Chemistry</i> , 1993, 52, 29-37.	3.3	19
82	Tamarixellagic acid, an ellagitannin from the galls of <i>Tamarix aphylla</i> . <i>Phytochemistry</i> , 1994, 35, 1349-1354.	2.9	19
83	Resolution of Interelement Spectral Overlaps by High-Resolution Inductively Coupled Plasma Mass Spectrometry. <i>Analytical Chemistry</i> , 1994, 66, 1588-1590.	6.5	19
84	Transcriptional Activity of the Host-Interaction Locus and a Putative Pilin Gene of <i>Bdellovibrio bacteriovorus</i> in the Predatory Life Cycle. <i>Current Microbiology</i> , 2005, 51, 310-316.	2.2	19
85	Synthesis and enzymatic conversion of an ether analogue of monogalactosyl diacylglycerol. <i>Chemistry and Physics of Lipids</i> , 1979, 24, 265-276.	3.2	17
86	Quantification of silylated organic compounds using gas chromatography coupled to ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2002, 17, 1209-1212.	3.0	16
87	Instrumental developments in organic mass spectrometry. <i>Fresenius' Journal of Analytical Chemistry</i> , 1990, 337, 648-661.	1.5	15
88	Mass spectrometric decompositions of cationized $\beta$ -cyclodextrin. <i>Carbohydrate Research</i> , 2005, 340, 1567-1572.	2.3	15
89	Structure elucidation of cyclic pyoverdins and examination of rearrangement reactions in MS/MS experiments by determination of exact product ion masses. <i>Journal of Mass Spectrometry</i> , 2006, 41, 1162-1170.	1.6	15
90	Separation and identification of trinucleotide <sup>n</sup> melphalan adducts from enzymatically digested DNA using HPLC <sup>n</sup> ESI <sup>n</sup> MS. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 392, 805-817.	3.7	15

#	ARTICLE	IF	CITATIONS
91	Quantification of intact covalently metal labeled proteins using ESI-MS/MS. <i>Journal of Mass Spectrometry</i> , 2014, 49, 13-18.	1.6	15
92	An Electrospray Ionization-Ion Mobility Spectrometer as Detector for High-Performance Liquid Chromatography. <i>European Journal of Mass Spectrometry</i> , 2015, 21, 391-402.	1.0	15
93	Massenspektroskopische Fragmentierungsreaktionen. V&uuml;r Zur Frage des Quasi-Thermischen RDA-Zerfalls. <i>Organic Mass Spectrometry</i> , 1974, 9, 88-101.	1.3	14
94	Electrospray ionization mass spectrometric study of purine base-cisplatin complexes. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 970-974.	1.5	14
95	Antitumor activity of <i>Cuphea ignea</i> extract against benzo(a)pyrene-induced lung tumorigenesis in Swiss Albino mice. <i>Toxicology Reports</i> , 2019, 6, 1071-1085.	3.3	14
96	LC-MS for Toxicological and Environmental Analysis: Recent Developments. <i>International Journal of Environmental Analytical Chemistry</i> , 1992, 49, 1-14.	3.3	13
97	Cytotoxic ellagitannins from <i>Reaumuria vermiculata</i> . <i>F&amp;uuml;r toterap&amp;uuml;e</i> , 2012, 83, 1256-1266.	2.2	13
98	Structures of oxaliplatin&ohm;oligonucleotide adducts from DNA. <i>Journal of Mass Spectrometry</i> , 2012, 47, 1282-1293.	1.6	13
99	A shotgun approach for the identification of platinum&ohm;protein complexes. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 2393-2403.	3.7	13
100	A Procedure for the Determination of 5-Fluorouracil in Tissue Using Microbore HPLC and Fluorescence Detection. <i>Analytical Biochemistry</i> , 1994, 217, 285-291.	2.4	12
101	Separation and characterization of oxaliplatin dinucleotides from DNA using HPLC-ESI ion trap mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 392, 819-830.	3.7	12
102	Bacterial Predators Possess Unique Membrane Lipid Structures. <i>Lipids</i> , 2011, 46, 1129-1140.	1.7	12
103	On the complexity and dynamics of in vivo Cisplatin&ohm;DNA adduct formation using HPLC/ICP-MS. <i>Metallomics</i> , 2012, 4, 1098.	2.4	12
104	Novel approach for labeling of biopolymers with DOTA complexes using in situ click chemistry for quantification. <i>Talanta</i> , 2015, 134, 468-475.	5.5	12
105	Analytical techniques for trace organic compounds - VI. Application of liquid chromatography-mass spectrometry (Technical Report). <i>Pure and Applied Chemistry</i> , 1994, 66, 1913-1930.	1.9	12
106	Structural Domains in the Type III Restriction Endonuclease EcoP15I: Characterization by Limited Proteolysis, Mass Spectrometry and Insertional Mutagenesis. <i>Journal of Molecular Biology</i> , 2007, 366, 93-102.	4.2	11
107	MeCAT &ohm; comparing relative quantification of alpha lactalbumin using both molecular and elemental mass spectrometry. <i>Analyst, The</i> , 2013, 138, 2449.	3.5	11
108	Protein Quantification by Elemental Mass Spectrometry: An Experiment for Graduate Students. <i>Journal of Chemical Education</i> , 2014, 91, 2167-2170.	2.3	11



#	ARTICLE	IF	CITATIONS
109	Polyphenols from <i>Tamarix nilotica</i> : LC-ESI-MSn Profiling and In Vivo Antifibrotic Activity. <i>Molecules</i> , 2018, 23, 1411.	3.8	11
110	Characterization of outer membrane protein fractions of <i>Bdellovibrionales</i> . <i>FEMS Microbiology Letters</i> , 2005, 243, 211-217.	1.8	10
111	Comparison of the fragmentation behavior of differentially metal-coded affinity tag (MeCAT)-labeled peptides. <i>Journal of Mass Spectrometry</i> , 2012, 47, 885-889.	1.6	10
112	A new ion source for liquid chromatography/thermospray mass spectrometry with a magnetic sector field mass spectrometer. <i>Organic Mass Spectrometry</i> , 1993, 28, 223-229.	1.3	9
113	MSGGRAPH: A program for the display of LC/MS data. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 1993, 48, E1047-E1051.	2.9	9
114	Mass Spectrometry-Assisted Protease Substrate Screening. <i>Analytical Chemistry</i> , 2007, 79, 1251-1255.	6.5	9
115	Solid Phase Synthesis of Short Peptide-Based Multimetal Tags for Biomolecule Labeling. <i>Bioconjugate Chemistry</i> , 2014, 25, 1069-1077.	3.6	9
116	Application of MeCAT-Click labeling for protein abundance characterization of <i>E. coli</i> after heat shock experiments. <i>Journal of Proteomics</i> , 2016, 136, 68-76.	2.4	9
117	Neuromodulatory Activity of Dietary Phenolics Derived from <i>Corchorus olitorius</i> L.. <i>Journal of Food Science</i> , 2019, 84, 1012-1022.	3.1	9
118	Molecules and elements for quantitative bioanalysis: The allure of using electrospray, MALDI, and ICP mass spectrometry side-by-side. <i>Mass Spectrometry Reviews</i> , 2019, 38, 169-186.	5.4	9
119	Tamarixellagic acid, an ellagitannin from the galls of <i>Tamarix aphylla</i> . <i>Phytochemistry</i> , 1994, 35, 1349-1354.	2.9	9
120	The determination of Ifosfamide in human blood serum using LC/MS. <i>Fresenius' Journal of Analytical Chemistry</i> , 1995, 352, 801-805.	1.5	8
121	The Gas-Phase Chemistry of cis-Diammineplatinum(II) Complexes: A Joint Experimental and Theoretical Study. <i>ChemPhysChem</i> , 2006, 7, 1779-1785.	2.1	8
122	Bridging the Gap between Molecular and Elemental Mass Spectrometry: Higher Energy Collisional Dissociation (HCD) Revealing Elemental Information. <i>Analytical Chemistry</i> , 2015, 87, 1613-1621.	6.5	8
123	Liquid Chromatography-Mass Spectrometry-Based Quantitative Proteomics. <i>Methods in Molecular Biology</i> , 2009, 564, 189-205.	0.9	8
124	Deuteromycols A and B, two benzofuranoids from a Red Sea marine-derived Deuteromycete sp.. <i>Archives of Pharmacal Research</i> , 2010, 33, 1729-1733.	6.3	7
125	Charge-induced geometrical reorganization of DNA oligonucleotides studied by tandem mass spectrometry and ion mobility. <i>European Journal of Mass Spectrometry</i> , 2018, 24, 225-230.	1.0	7
126	VUV Photodissociation Induced by a Deuterium Lamp in an Ion Trap. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 2114-2122.	2.8	7



#	ARTICLE	IF	CITATIONS
127	Applying Ligands Profiling Using Multiple Extended Electron Distribution Based Field Templates and Feature Trees Similarity Searching in the Discovery of New Generation of Urea-Based Antineoplastic Kinase Inhibitors. PLoS ONE, 2012, 7, e49284.	2.5	7
128	Field Ionization Mass Spectrometry. II. FD Spectra of Nucleotides - Analysis of Methylation Products of Dinucleoside Phosphates. Israel Journal of Chemistry, 1978, 17, 163-167.	2.3	6
129	Nucleic acid research and mass spectrometry. TrAC - Trends in Analytical Chemistry, 1983, 2, 32-34.	11.4	6
130	Chemical Structure of <i>Bacteriovorax stolpii</i> Lipid A. Lipids, 2010, 45, 189-198.	1.7	6
131	Fragmentation behavior of DOTA complexes under different activation conditions. Journal of Mass Spectrometry, 2017, 52, 442-451.	1.6	6
132	Dual Internal Standards with Metals and Molecules for MALDI Imaging of Kidney Lipids. Analytical Chemistry, 2017, 89, 12727-12734.	6.5	6
133	Negative nucleotide ions as sensitive probes for energy specificity in collision-induced fragmentation in mass spectrometry. Rapid Communications in Mass Spectrometry, 2018, 32, 597-603.	1.5	6
134	A new strategy for metal labeling of glycan structures in antibodies. Analytical and Bioanalytical Chemistry, 2018, 410, 21-25.	3.7	6
135	Nucleic acid and SNP detection via template-directed native chemical ligation and inductively coupled plasma mass spectrometry. Journal of Mass Spectrometry, 2019, 54, 676-683.	1.6	6
136	Complementarity of molecular and elemental mass spectrometric imaging of Gadovist <sup>®</sup> in mouse tissues. Analytical and Bioanalytical Chemistry, 2019, 411, 629-637.	3.7	6
137	Polyphenols in <i>Ammania auriculata</i> : structures, antioxidative activity and cytotoxicity. Die Pharmazie, 2014, 69, 860-4.	0.5	6
138	A mass spectral study of cyclophosphamide concerning a thermally induced rearrangement reaction. Biomedical & Environmental Mass Spectrometry, 1988, 15, 163-173.	1.6	5
139	Analysis of 5-methyl-deoxycytidine in DNA by micro-HPLC. Fresenius Zeitschrift für Analytische Chemie, 1988, 331, 459-463.	0.8	5
140	Continuous-flow fast atom bombardment mass spectrometry: A concept to improve the sensitivity. Organic Mass Spectrometry, 1993, 28, 216-222.	1.3	5
141	The quantitative determination of tin alkylates in sediments. Fresenius' Journal of Analytical Chemistry, 1994, 350, 533-537.	1.5	5
142	Identification of Dinocap in water using GC/IR and GC/MS. Fresenius' Journal of Analytical Chemistry, 1995, 352, 743-747.	1.5	5
143	Distribution and Stereochemistry of Hydroxycinnamoylmalic Acids and of Free Malic Acids in Papaveraceae and Fumariaceae. Zeitschrift für Naturforschung - Section C Journal of Biosciences, 1995, 50, 608-615.	1.4	5
144	Mass spectrometric decomposition of N-arylbenzotriazolium ions. International Journal of Mass Spectrometry, 2005, 242, 1-4.	1.5	5

#	ARTICLE	IF	CITATIONS
145	Acylated flavonol diglucosides from <i>Ammania auriculata</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2015, 70, 39-43.	1.4	5
146	A coumarin with an unusual structure from , its cytotoxicity and antioxidant activities. <i>Die Pharmazie</i> , 2018, 73, 241-243.	0.5	5
147	GC/MS of methylated phenoxyalkanoic acid herbicides. <i>Science of the Total Environment</i> , 1993, 132, 141-146.	8.0	4
148	Electron paramagnetic resonance and mass spectrometry: Useful tools to detect ultraviolet light induced skin lesions on a molecular basis – A short review. <i>Spectroscopy</i> , 2006, 20, 1-17.	0.8	4
149	Software assisted data analysis for relative quantification of differentially metal labeled proteins based on HPLC/ESI-MS and –MS/MS experiments. <i>Journal of Mass Spectrometry</i> , 2015, 50, 1120-1123.	1.6	4
150	Comprehensive Molecular Characterization of a Cisplatin-Specific Monoclonal Antibody. <i>Molecular Pharmaceutics</i> , 2017, 14, 4454-4461.	4.6	4
151	Comparison of the fragmentation behavior of DNA and LNA single strands and duplexes. <i>Journal of Mass Spectrometry</i> , 2019, 54, 402-411.	1.6	4
152	A GC/MS method for the analysis of 5-methyl-2'-deoxycytidine in DNA. <i>Fresenius Zeitschrift Für Analytische Chemie</i> , 1989, 335, 865-868.	0.8	3
153	<i>Analytische Chemie: Organische Analytik 1990. Nachrichten Aus Der Chemie</i> , 1991, 39, 132-137.	0.0	3
154	Determination of Spin Concentrations in ESR Tomography as Applied for the Spatial Distribution of Spin Labels in Human Skin. <i>Applied Magnetic Resonance</i> , 2008, 35, 173-184.	1.2	3
155	Distribution profiles of nitroxide spin probes in human skin – a combined study using spatially resolved electron spin resonance spectroscopy and mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 901-907.	3.7	3
156	Three New Di-O-glycosyl-C-glucosyl Flavones from the Leaves of <i>Caesalpinia ferrea</i> Mart.. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2014, 69, 357-362.	1.4	3
157	Reversed-phase liquid chromatography of protected oligonucleotide diesters. <i>Journal of Chromatography A</i> , 1985, 348, 286-295.	3.7	2
158	Electrospray ionization mass spectrometric study of mercury complexes of N-heterocyclic carbenes derived from 1,2,4-triazolium salt precursors. <i>Open Chemistry</i> , 2007, 5, 316-329.	1.9	2
159	New aspects in fragmentation of peptide nucleic acids: comparison of positive and negative ions by electrospray ionization Fourier transform ion cyclotron resonance mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 1132-1138.	1.5	2
160	Application of higher energy collisional dissociation (HCD) to the fragmentation of new DOTA-based labels and N-termini DOTA-labeled peptides. <i>Journal of Mass Spectrometry</i> , 2017, 52, 543-549.	1.6	2
161	Comparative pharmacokinetics of trandolapril, its active metabolite, and verapamil in human plasma of Egyptian population using HPLC-MS/MS. <i>Drug Testing and Analysis</i> , 2018, 10, 1158-1167.	2.6	2
162	Femtosecond laser-induced dissociation (fs-LID) as an activation method in mass spectrometry. <i>Chemical Physics</i> , 2018, 514, 106-112.	1.9	2

#	ARTICLE	IF	CITATIONS
163	A cytotoxic flavonol glycoside from leaves extract with immunostimulant activity. Die Pharmazie, 2018, 73, 61-64.	0.5	2
164	Chapter 39 Developments in Scientific Data Transfer. Data Handling in Science and Technology, 1990, 6, 445-453.	3.1	1
165	Detection of sulfenic acid in intact proteins by mass spectrometric techniques: application to serum samples. RSC Advances, 2017, 7, 44162-44168.	3.6	1
166	Synthesis and characterization of a new MeCAT reagent containing a photocleavable linker for labeling of proteins and peptides in mass spectrometric analyses. Talanta, 2019, 192, 197-203.	5.5	1
167	Berlin-Adlershof- chemische Forschung neu positioniert. Nachrichten Aus Der Chemie, 2002, 50, 34-37.	0.0	0
168	Massenspektrometrie von Biomolekülen. Nachrichten Aus Der Chemie, 2002, 50, 990-993.	0.0	0
169	Title is missing!. Water, Air, and Soil Pollution, 2003, 144, 141-148.	2.4	0
170	Congratulations Professor Caprioli!. Journal of Mass Spectrometry, 2014, 49, 1203-1204.	1.6	0