

Michael R Morris

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9223817/publications.pdf>

Version: 2024-02-01

39
papers

1,585
citations

279798

23
h-index

302126

39
g-index

40
all docs

40
docs citations

40
times ranked

1971
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of the site of protonation in the low-energy decompositions of gas-phase peptide ions. <i>Journal of the American Society for Mass Spectrometry</i> , 1996, 7, 522-531.	2.8	166
2	Plasma Free Metanephrine Measurement Using Automated Online Solid-Phase Extraction HPLC-Tandem Mass Spectrometry. <i>Clinical Chemistry</i> , 2007, 53, 1684-1693.	3.2	132
3	Exhaled volatile organic compounds for phenotyping chronic obstructive pulmonary disease: a cross-sectional study. <i>Respiratory Research</i> , 2012, 13, 72.	3.6	80
4	A real time metabolomic profiling approach to detecting fish fraud using rapid evaporative ionisation mass spectrometry. <i>Metabolomics</i> , 2017, 13, 153.	3.0	80
5	Rapid Liquid Chromatography-Tandem Mass Spectrometry Method for Routine Analysis of Cyclosporin A Over an Extended Concentration Range. <i>Clinical Chemistry</i> , 2002, 48, 69-76.	3.2	73
6	ETD in a Traveling Wave Ion Guide at Tuned Z-Spray Ion Source Conditions Allows for Site-Specific Hydrogen/Deuterium Exchange Measurements. <i>Journal of the American Society for Mass Spectrometry</i> , 2011, 22, 1784-93.	2.8	72
7	Potential of electrospray mass spectrometry for quantifying glycohemoglobin. <i>Clinical Chemistry</i> , 1997, 43, 771-778.	3.2	69
8	Serum steroid profiling for Congenital Adrenal Hyperplasia using liquid chromatography-tandem mass spectrometry. <i>Clinica Chimica Acta</i> , 2010, 411, 222-228.	1.1	67
9	Site-Specific Analysis of Gas-Phase Hydrogen/Deuterium Exchange of Peptides and Proteins by Electron Transfer Dissociation. <i>Analytical Chemistry</i> , 2012, 84, 1931-1940.	6.5	61
10	Gas Phase Stability of Protein Ions in a Cyclic Ion Mobility Spectrometry Traveling Wave Device. <i>Analytical Chemistry</i> , 2019, 91, 7554-7561.	6.5	58
11	New High Resolution Ion Mobility Mass Spectrometer Capable of Measurements of Collision Cross Sections from 150 to 520 K. <i>Analytical Chemistry</i> , 2016, 88, 9469-9478.	6.5	52
12	Effects of Drift Gas on Collision Cross Sections of a Protein Standard in Linear Drift Tube and Traveling Wave Ion Mobility Mass Spectrometry. <i>Analytical Chemistry</i> , 2012, 84, 8524-8531.	6.5	47
13	Simultaneous and Rapid Analysis of Cyclosporin A and Creatinine in Finger Prick Blood Samples Using Liquid Chromatography Tandem Mass Spectrometry and Its Application in C2 Monitoring. <i>Therapeutic Drug Monitoring</i> , 2002, 24, 757-767.	2.0	46
14	UV photodissociation of trapped ions following ion mobility separation in a Q-ToF mass spectrometer. <i>Analyst</i> , 2014, 139, 6348-6351.	3.5	45
15	Simultaneous analysis of gamma-hydroxybutyric acid and its precursors in urine using liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2004, 1056, 83-90.	3.7	43
16	Probing the Conformational Diversity of Cancer-Associated Mutations in p53 with Ion-Mobility Mass Spectrometry. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4370-4374.	13.8	41
17	Evaluation of 3 Internal Standards for the Measurement of Cyclosporin by HPLC-Mass Spectrometry. <i>Clinical Chemistry</i> , 2005, 51, 1890-1893.	3.2	37
18	Intrinsic disorder in proteins: a challenge for (un)structural biology met by ion mobility-mass spectrometry. <i>Biochemical Society Transactions</i> , 2012, 40, 1021-1026.	3.4	36

#	ARTICLE	IF	CITATIONS
19	Use of Ultraviolet Photodissociation Coupled with Ion Mobility Mass Spectrometry To Determine Structure and Sequence from Drift Time Selected Peptides and Proteins. <i>Analytical Chemistry</i> , 2016, 88, 9964-9971.	6.5	34
20	Multi-center evaluation of a commercial Kit for tacrolimus determination by LC/MS/MS. <i>Clinical Biochemistry</i> , 2010, 43, 910-920.	1.9	33
21	Investigation and optimization of parameters affecting the multiply charged ion yield in AP-MALDI MS. <i>Methods</i> , 2016, 104, 11-20.	3.8	31
22	Advancing Liquid Atmospheric Pressure Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry Toward Ultrahigh-Throughput Analysis. <i>Analytical Chemistry</i> , 2020, 92, 2931-2936.	6.5	29
23	Characterization of a high-pressure quadrupole collision cell for low-energy collision-induced dissociation. <i>Journal of the American Society for Mass Spectrometry</i> , 1994, 5, 1042-1063.	2.8	28
24	Mass spectra of doubly charged ions. <i>Organic Mass Spectrometry</i> , 1989, 24, 504-510.	1.3	22
25	Primary structural confirmation of components of the bacitracin complex. <i>Biological Mass Spectrometry</i> , 1994, 23, 61-70.	0.5	22
26	Confirmation of congenital adrenal hyperplasia by adrenal steroid profiling of filter paper dried blood samples using ultra-performance liquid chromatography-tandem mass spectrometry. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011, 49, 677-84.	2.3	21
27	Speciation and milk adulteration analysis by rapid ambient liquid MALDI mass spectrometry profiling using machine learning. <i>Scientific Reports</i> , 2021, 11, 3305.	3.3	21
28	Method of Atmospheric Pressure Charge Stripping for Electrospray Ionization Mass Spectrometry and Its Application for the Analysis of Large Poly(Ethylene Glycol)s. <i>Analytical Chemistry</i> , 2014, 86, 9644-9652.	6.5	20
29	Liquid Atmospheric Pressure Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry Adds Enhanced Functionalities to MALDI MS Profiling for Disease Diagnostics. <i>ACS Omega</i> , 2019, 4, 12759-12765.	3.5	16
30	Analysis of Bacitracin B using fast atom bombardment and tandem mass spectrometry. <i>Biological Mass Spectrometry</i> , 1993, 22, 712-720.	0.5	14
31	Electrospray Ionization Mass Spectrometric Analysis of the Globin Chains in Hemoglobin Heterozygotes Can Detect the Variants HbC, D, and E. <i>Clinical Chemistry</i> , 2008, 54, 1256-1257.	3.2	14
32	Low-energy ion/molecule products from collisions with ammonia. <i>Rapid Communications in Mass Spectrometry</i> , 1993, 7, 1136-1140.	1.5	13
33	Fragmentation mechanisms of protonated actinomycins and their use in structural determination of unknown analogues. <i>Journal of Mass Spectrometry</i> , 1995, 30, 1111-1125.	1.6	12
34	Protein identification using a nanoUHPLC-AP-MALDI MS/MS workflow with CID of multiply charged proteolytic peptides. <i>International Journal of Mass Spectrometry</i> , 2017, 416, 20-28.	1.5	12
35	Tandem Mass Spectrometry Using the Atmospheric Pressure Electron Capture Dissociation Ion Source. <i>Analytical Chemistry</i> , 2014, 86, 4439-4446.	6.5	10
36	Production and analysis of multiply charged negative ions by liquid atmospheric pressure matrix-assisted laser desorption/ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e8246.	1.5	9

#	ARTICLE	IF	CITATIONS
37	LAP-MALDI MS coupled with machine learning: an ambient mass spectrometry approach for high-throughput diagnostics. <i>Chemical Science</i> , 2022, 13, 1746-1758.	7.4	9
38	Electron ionization-tandem mass spectrometry of glycosphingolipids. Part II. The identification of a carbohydrate sequence corresponding to a novel repetitive blood group a heptaglycosylceramide. <i>Rapid Communications in Mass Spectrometry</i> , 1993, 7, 421-426.	1.5	7
39	Biological mass spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 1993, 12, VI-VII.	11.4	0