

Richard A Yost

List of Publications by Year in descending order

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181
papers

7,390
citations

50276

46
h-index

71685

76
g-index

186
all docs

186
docs citations

186
times ranked

6787
citing authors

#	ARTICLE	IF	CITATIONS
1	Per- and Polyfluoroalkyl Substances (PFAS) in Street Sweepings. <i>Environmental Science & Technology</i> , 2022, 56, 6069-6077.	10.0	13
2	Lipidomics and Redox Lipidomics Indicate Early Stage Alcohol-Induced Liver Damage. <i>Hepatology Communications</i> , 2022, 6, 513-525.	4.3	6
3	Generation and Release of Neurogranin, Vimentin, and MBP Proteolytic Peptides, Following Traumatic Brain Injury. <i>Molecular Neurobiology</i> , 2022, 59, 731-747.	4.0	11
4	A rapid and robust method for amino acid quantification using a simple N-hydroxysuccinimide ester derivatization and liquid chromatography-ion mobility-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2022, , 1.	3.7	4
5	Why tandem mass spectrometry for trace analysis: Concepts of tandem analytical techniques. <i>Rapid Communications in Mass Spectrometry</i> , 2022, 36, .	1.5	7
6	The triple quadrupole: Innovation, serendipity and persistence. <i>Journal of Mass Spectrometry and Advances in the Clinical Lab</i> , 2022, 24, 90-99.	2.4	5
7	Mass Spectrometry-Based Cellular Metabolomics: Current Approaches, Applications, and Future Directions. <i>Analytical Chemistry</i> , 2021, 93, 546-566.	6.5	28
8	Evaluation of extraction workflows for quantitative analysis of per- and polyfluoroalkyl substances: A case study using soil adjacent to a landfill. <i>Science of the Total Environment</i> , 2021, 760, 143944.	8.0	30
9	Metabolomic and lipidomic characterization of an X-chromosome deletion disorder in neural progenitor cells by UHPLC-HRMS. <i>Journal of Mass Spectrometry and Advances in the Clinical Lab</i> , 2021, 20, 11-24.	2.4	7
10	Per- and polyfluoroalkyl substances (PFAS) in sediments collected from the Pensacola Bay System watershed. <i>Environmental Advances</i> , 2021, 5, 100088.	4.8	8
11	Characterization and standardization of multiassay platforms for four commonly studied traumatic brain injury protein biomarkers: a TBI Endpoints Development Study. <i>Biomarkers in Medicine</i> , 2021, 15, 1721-1732.	1.4	2
12	Ultrahigh-Performance Liquid Chromatography-High-Resolution Mass Spectrometry Metabolomics and Lipidomics Study of Stool from Transgenic Parkinson's Disease Mice Following Immunotherapy. <i>Journal of Proteome Research</i> , 2020, 19, 424-431.	3.7	6
13	Separation of Structurally Similar Anabolic Steroids as Cation Adducts in FAIMS-MS. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 355-365.	2.8	14
14	Tissue-specific analysis of lipid species in <i>Drosophila</i> during overnutrition by UHPLC-MS/MS and MALDI-MSI. <i>Journal of Lipid Research</i> , 2020, 61, 275-290.	4.2	22
15	Design and Implementation of a Dual-Probe Microsampling Apparatus for the Direct Analysis of Adherent Mammalian Cells by Ion Mobility-Mass Spectrometry. <i>Analytical Chemistry</i> , 2020, 92, 12055-12061.	6.5	6
16	Screening of tau protein kinase inhibitors in a tauopathy-relevant cell-based model of tau hyperphosphorylation and oligomerization. <i>PLoS ONE</i> , 2020, 15, e0224952.	2.5	27
17	Lipid Annotator: Towards Accurate Annotation in Non-Targeted Liquid Chromatography High-Resolution Tandem Mass Spectrometry (LC-HRMS/MS) Lipidomics Using a Rapid and User-Friendly Software. <i>Metabolites</i> , 2020, 10, 101.	2.9	69
18	Analysis of Tryptophan Metabolites in Serum Using Wide-Isolation Strategies for UHPLC-HRMS/MS. <i>Analytical Chemistry</i> , 2020, 92, 2550-2557.	6.5	7

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19	Environmental lipidomics: understanding the response of organisms and ecosystems to a changing world. <i>Metabolomics</i> , 2020, 16, 56.	3.0	24
20	Rapid Quantitation of 25-Hydroxyvitamin D2 and D3 in Human Serum Using Liquid Chromatography/Drift Tube Ion Mobility-Mass Spectrometry. <i>Analytical Chemistry</i> , 2019, 91, 13555-13561.	6.5	15
21	Novel Peptidomic Approach for Identification of Low and High Molecular Weight Tauopathy Peptides Following Calpain Digestion, and Primary Culture Neurotoxic Challenges. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5213.	4.1	7
22	Behavior of transition metal salts during the electrospray ionization process. <i>International Journal of Mass Spectrometry</i> , 2019, 446, 116217.	1.5	2
23	Software tool for internal standard based normalization of lipids, and effect of data-processing strategies on resulting values. <i>BMC Bioinformatics</i> , 2019, 20, 217.	2.6	21
24	Recent progress in metabolomics using ion mobility-mass spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 116, 274-281.	11.4	39
25	Effective Liquid Chromatography-“Trapped Ion Mobility Spectrometry”-Mass Spectrometry Separation of Isomeric Lipid Species. <i>Analytical Chemistry</i> , 2019, 91, 5021-5027.	6.5	64
26	Effects of Solvent Vapor Modifiers for the Separation of Opioid Isomers in Micromachined FAIMS-MS. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 731-742.	2.8	10
27	Lipidomics for wildlife disease etiology and biomarker discovery: a case study of pansteatitis outbreak in South Africa. <i>Metabolomics</i> , 2019, 15, 38.	3.0	11
28	High resolution/accurate mass tandem MS of isotopically complex cluster ions from the artists’ pigment lead white. <i>International Journal of Mass Spectrometry</i> , 2019, 439, 19-26.	1.5	2
29	Measuring the Integrity of Gas-Phase Conformers of Sodiated 25-Hydroxyvitamin D3 by Drift Tube, Traveling Wave, Trapped, and High-Field Asymmetric Ion Mobility. <i>Analytical Chemistry</i> , 2019, 91, 4092-4099.	6.5	13
30	Mass Spectrometric Methodologies for Investigating the Metabolic Signatures of Parkinson’s Disease: Current Progress and Future Perspectives. <i>Analytical Chemistry</i> , 2018, 90, 2979-2986.	6.5	15
31	<scp>L</scp>-Carnitine Inhibits Lipopolysaccharide-Induced Nitric Oxide Production of SIM-A9 Microglia Cells. <i>ACS Chemical Neuroscience</i> , 2018, 9, 901-905.	3.5	21
32	Integration of paper spray ionization high-field asymmetric waveform ion mobility spectrometry for forensic applications. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 552-560.	1.5	16
33	Examining heat treatment for stabilization of the lipidome. <i>Bioanalysis</i> , 2018, 10, 291-305.	1.5	10
34	NIST lipidomics workflow questionnaire: an assessment of community-wide methodologies and perspectives. <i>Metabolomics</i> , 2018, 14, 53.	3.0	33
35	Influence of Experimental Conditions on the Ratio of 25-Hydroxyvitamin D ₃ Conformers for Validating a Liquid Chromatography/Ion Mobility-Mass Spectrometry Method for Routine Quantitation. <i>Analytical Chemistry</i> , 2018, 90, 13549-13556.	6.5	7
36	Pioglitazone improves hepatic mitochondrial function in a mouse model of nonalcoholic steatohepatitis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 315, E163-E173.	3.5	50

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37	Cation-dependent conformations in 25-hydroxyvitamin D3-cation adducts measured by ion mobility-mass spectrometry and theoretical modeling. <i>International Journal of Mass Spectrometry</i> , 2018, 432, 1-8.	1.5	9
38	Optimization of Folch, Bligh-Dyer, and Matyash sample-to-extraction solvent ratios for human plasma-based lipidomics studies. <i>Analytica Chimica Acta</i> , 2018, 1037, 351-357.	5.4	95
39	Ion mobility-mass spectrometry separation of steroid structural isomers and epimers. <i>International Journal for Ion Mobility Spectrometry</i> , 2017, 20, 31-39.	1.4	62
40	Common cases of improper lipid annotation using high-resolution tandem mass spectrometry data and corresponding limitations in biological interpretation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017, 1862, 766-770.	2.4	58
41	Investigating Differences in Gas-Phase Conformations of 25-Hydroxyvitamin D3 Sodiated Epimers using Ion Mobility-Mass Spectrometry and Theoretical Modeling. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 1497-1505.	2.8	36
42	Experimental and Theoretical Investigation of Sodiated Multimers of Steroid Epimers with Ion Mobility-Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 323-331.	2.8	42
43	Tandem mass spectrometry of laser-reduced anthraquinones for painted works and dyed cultural artifacts. <i>International Journal of Mass Spectrometry</i> , 2017, 421, 14-24.	1.5	5
44	Expanding Lipidome Coverage Using LC-MS/MS Data-Dependent Acquisition with Automated Exclusion List Generation. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 908-917.	2.8	156
45	Portable FAIMS: Applications and future perspectives. <i>International Journal of Mass Spectrometry</i> , 2017, 422, 188-196.	1.5	22
46	Precast Gelatin-Based Molds for Tissue Embedding Compatible with Mass Spectrometry Imaging. <i>Analytical Chemistry</i> , 2017, 89, 576-580.	6.5	35
47	Monitoring Dopamine ex Vivo during Electrical Stimulation Using Liquid-Microjunction Surface Sampling. <i>Analytical Chemistry</i> , 2017, 89, 13658-13665.	6.5	17
48	Application of paper spray ionization for explosives analysis. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 1565-1572.	1.5	35
49	LipidQC: Method Validation Tool for Visual Comparison to SRM 1950 Using NIST Interlaboratory Comparison Exercise Lipid Consensus Mean Estimate Values. <i>Analytical Chemistry</i> , 2017, 89, 13069-13073.	6.5	37
50	A Robust Lipidomics Workflow for Mammalian Cells, Plasma, and Tissue Using Liquid-Chromatography High-Resolution Tandem Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2017, 1609, 91-106.	0.9	31
51	Identification of Meliatoxins in <i>Melia azedarach</i> Extracts Using Mass Spectrometry for Quality Control. <i>Planta Medica</i> , 2017, 83, 312-317.	1.3	5
52	LipidMatch: an automated workflow for rule-based lipid identification using untargeted high-resolution tandem mass spectrometry data. <i>BMC Bioinformatics</i> , 2017, 18, 331.	2.6	243
53	Lipotoxicity in steatohepatitis occurs despite an increase in tricarboxylic acid cycle activity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 310, E484-E494.	3.5	126
54	Analysis of Ammonium Nitrate/Urea Nitrate with Crown Ethers and Sugars as Modifiers by Electrospray Ionization-Mass Spectrometry and Ion Mobility Spectrometry. <i>Analytical Chemistry</i> , 2016, 88, 9435-9442.	6.5	7

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55	Maternal exposure to di-2-ethylhexylphthalate and adverse delivery outcomes: A systematic review. <i>Reproductive Toxicology</i> , 2016, 65, 76-86.	2.9	20
56	Skeletal muscle fiber analysis by atmospheric pressure scanning microprobe matrix-assisted laser desorption/ionization mass spectrometric imaging at high mass and high spatial resolution. <i>Proteomics</i> , 2016, 16, 1822-1824.	2.2	4
57	Differential Neuroproteomic and Systems Biology Analysis of Spinal Cord Injury. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 2379-2395.	3.8	38
58	Isotopic Ratio Outlier Analysis of the <i>S. cerevisiae</i> Metabolome Using Accurate Mass Gas Chromatography/Time-of-Flight Mass Spectrometry: A New Method for Discovery. <i>Analytical Chemistry</i> , 2016, 88, 2747-2754.	6.5	30
59	Ion Mobility in Clinical Analysis: Current Progress and Future Perspectives. <i>Clinical Chemistry</i> , 2016, 62, 124-133.	3.2	88
60	Liquid Chromatography-Mass Spectrometry Metabolic and Lipidomic Sample Preparation Workflow for Suspension-Cultured Mammalian Cells using Jurkat T lymphocyte Cells. <i>Journal of Proteomics and Bioinformatics</i> , 2015, 08, 126-132.	0.4	28
61	Ionization sources and mass analyzers in MS imaging. <i>Bioanalysis</i> , 2015, 7, 2629-2637.	1.5	8
62	Metabolomic Analysis of Oxidative and Glycolytic Skeletal Muscles by Matrix-Assisted Laser Desorption/Ionization Mass Spectrometric Imaging (MALDI MSI). <i>Journal of the American Society for Mass Spectrometry</i> , 2015, 26, 915-923.	2.8	16
63	Comparison of blood plasma sample preparation methods for combined LC-MS lipidomics and metabolomics. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 1002, 260-266.	2.3	65
64	Solvent vapor effects in planar high-field asymmetric waveform ion mobility spectrometry: Solvent trends and temperature effects. <i>International Journal of Mass Spectrometry</i> , 2015, 378, 336-346.	1.5	16
65	Performance enhancement in the measurement of 5 endogenous steroids by LC-MS/MS combined with differential ion mobility spectrometry. <i>Clinica Chimica Acta</i> , 2015, 438, 330-336.	1.1	77
66	Richard A. Yost. , 2015, , 239.		0
67	Standardized method for solubility and storage of capsaicin-based solutions for cough induction. <i>Cough</i> , 2014, 10, 6.	2.7	18
68	Jim Morrison, Friend and Colleague. <i>Journal of the American Society for Mass Spectrometry</i> , 2013, 24, 1319-1323.	2.8	3
69	Characterization of Phosphatidylcholine Oxidation Products by MALDI MS. <i>Analytical Chemistry</i> , 2013, 85, 11410-11419.	6.5	16
70	Quantitative MALDI Tandem Mass Spectrometric Imaging of Cocaine from Brain Tissue with a Deuterated Internal Standard. <i>Analytical Chemistry</i> , 2013, 85, 1081-1089.	6.5	154
71	Identifying Tissue-Specific Signal Variation in MALDI Mass Spectrometric Imaging by Use of an Internal Standard. <i>Analytical Chemistry</i> , 2013, 85, 1090-1096.	6.5	68
72	Isotopic Ratio Outlier Analysis Global Metabolomics of <i>Caenorhabditis elegans</i> . <i>Analytical Chemistry</i> , 2013, 85, 11858-11865.	6.5	51

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73	High-field asymmetric waveform ion mobility spectrometry with solvent vapor addition: a potential greener bioanalytical technique. <i>Bioanalysis</i> , 2012, 4, 1363-1375.	1.5	19
74	MALDI Mass Spectrometric Imaging of Cardiac Tissue Following Myocardial Infarction in a Rat Coronary Artery Ligation Model. <i>Analytical Chemistry</i> , 2012, 84, 1117-1125.	6.5	54
75	Quantitative Tandem Mass Spectrometric Imaging of Endogenous Acetyl-L-carnitine from Piglet Brain Tissue Using an Internal Standard. <i>Analytical Chemistry</i> , 2011, 83, 8575-8581.	6.5	80
76	Direct Matrix-Assisted Laser Desorption/Ionization Mass Spectrometric Imaging of Cellulose and Hemicellulose in <i>Populus</i> Tissue. <i>Analytical Chemistry</i> , 2011, 83, 6722-6730.	6.5	42
77	Comparison of Rectangular and Bisinusoidal Waveforms in a Miniature Planar High-Field Asymmetric Waveform Ion Mobility Spectrometer. <i>Analytical Chemistry</i> , 2011, 83, 9237-9243.	6.5	11
78	Characterization of protonated phospholipids as fragile ions in quadrupole ion trap mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2011, 308, 299-306.	1.5	9
79	Lipid analysis of flat-mounted eye tissue by imaging mass spectrometry with identification of contaminants in preservation. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 103-113.	3.7	20
80	Solvent vapor effects on planar high-field asymmetric waveform ion mobility spectrometry. <i>International Journal of Mass Spectrometry</i> , 2011, 300, 173-181.	1.5	63
81	Ion mobility spectrometer-field asymmetric ion mobility spectrometer-mass spectrometry. <i>International Journal for Ion Mobility Spectrometry</i> , 2011, 14, 15-22.	1.4	18
82	Spherical FAIMS: comparison of curved electrode geometries. <i>International Journal for Ion Mobility Spectrometry</i> , 2011, 14, 61-69.	1.4	8
83	Considerations for quantification of lipids in nerve tissue using matrix-assisted laser desorption/ionization mass spectrometric imaging. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 3178-3184.	1.5	38
84	Design and evaluation of a novel hemispherical FAIMS cell. <i>International Journal of Mass Spectrometry</i> , 2010, 298, 41-44.	1.5	7
85	Quantitative MALDI-MS analysis of cocaine in the autopsied brain of a human cocaine user employing a wide isolation window and internal standards. <i>Journal of the American Society for Mass Spectrometry</i> , 2010, 21, 564-571.	2.8	48
86	Chemical characterization of <i>Azadirachta indica</i> grafted on <i>Melia azedarach</i> and analyses of azadirachtin by HPLC-MS/MS (SRM) and meliatoxins by MALDI-MS. <i>Phytochemical Analysis</i> , 2010, 21, 363-373.	2.4	19
87	Analysis of Large Peptides by MALDI Using a Linear Quadrupole Ion Trap with Mass Range Extension. <i>Analytical Chemistry</i> , 2010, 82, 930-934.	6.5	16
88	Tandem Mass Spectrometric Methods for Phospholipid Analysis from Brain Tissue. <i>Methods in Molecular Biology</i> , 2010, 656, 209-230.	0.9	9
89	Investigation of HPLC-MS Using a Monolithic Column to Separate a Diverse Suite of Steroids. <i>Journal of Chromatographic Science</i> , 2009, 47, 52-56.	1.4	3
90	Evaluation of Derivatization Strategies for the Comprehensive Analysis of Endocrine Disrupting Compounds using GC/MS. <i>Journal of Chromatographic Science</i> , 2009, 47, 44-51.	1.4	11

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91	Enhancement of chemical derivatization of steroids by gas chromatography/mass spectrometry (GC/MS). <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 3237-3242.	2.3	51
92	Imaging of Lipids in Spinal Cord Using Intermediate Pressure Matrix-Assisted Laser Desorption-Linear Ion Trap/Orbitrap MS. <i>Analytical Chemistry</i> , 2009, 81, 8488-8495.	6.5	97
93	Enhanced Analysis of Steroids by Gas Chromatography/Mass Spectrometry using Microwave-Accelerated Derivatization. <i>Analytical Chemistry</i> , 2009, 81, 6725-6734.	6.5	32
94	The Role of Trapped Ion Mass Spectrometry for Imaging. , 2009, , 417-438.		1
95	MALDI-Linear Ion Trap Microprobe MS/MS Studies of the Effects of Dichloroacetate on Lipid Content of Nerve Tissue. <i>Analytical Chemistry</i> , 2007, 79, 8170-8175.	6.5	16
96	Automated MALDI Matrix Deposition Method with Inkjet Printing for Imaging Mass Spectrometry. <i>Analytical Chemistry</i> , 2007, 79, 6862-6867.	6.5	179
97	Imaging of small molecules in tissue sections with a new intermediate-pressure MALDI linear ion trap mass spectrometer. <i>International Journal of Mass Spectrometry</i> , 2007, 260, 166-176.	1.5	137
98	Utility of imaging mass spectrometry (IMS) by matrix-assisted laser desorption ionization (MALDI) on an ion trap mass spectrometer in the analysis of drugs and metabolites in biological tissues. <i>Journal of Pharmacological and Toxicological Methods</i> , 2007, 55, 279-288.	0.7	113
99	Analysis of Intact Tissue by Intermediate-Pressure MALDI on a Linear Ion Trap Mass Spectrometer. <i>Analytical Chemistry</i> , 2006, 78, 2465-2469.	6.5	86
100	Human Kinetics of Orally and Intravenously Administered Low-Dose 1,2- ¹³ C-Dichloroacetate. <i>Journal of Clinical Pharmacology</i> , 2006, 46, 1449-1459.	2.0	13
101	Mass spectral fragmentation of the intravenous anesthetic propofol and structurally related phenols. <i>Journal of the American Society for Mass Spectrometry</i> , 2005, 16, 814-824.	2.8	29
102	Internal energy deposition in chemical ionization/tandem mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2003, 14, 102-109.	2.8	7
103	Simultaneous Determination of Trace Levels of Nine Haloacetic Acids in Biological Samples as Their Pentafluorobenzyl Derivatives by Gas Chromatography/Tandem Mass Spectrometry in Electron Capture Negative Ion Chemical Ionization Mode. <i>Analytical Chemistry</i> , 2003, 75, 4065-4080.	6.5	37
104	Synergistic Attraction of <i>Aedes aegypti</i> (L.) to Binary Blends of L-Lactic Acid and Acetone, Dichloromethane, or Dimethyl Disulfide. <i>Journal of Medical Entomology</i> , 2003, 40, 653-656.	1.8	92
105	Parent and Neutral Loss Monitoring on a Quadrupole Ion Trap Mass Spectrometer: Screening of Acylcarnitines in Complex Mixtures. <i>Analytical Chemistry</i> , 2002, 74, 5799-5806.	6.5	34
106	Effects of Fragile Ions on Mass Resolution and on Isolation for Tandem Mass Spectrometry in the Quadrupole Ion Trap Mass Spectrometer. <i>Analytical Chemistry</i> , 2002, 74, 402-412.	6.5	91
107	Effect of vacuum on the performance of the flame ionization detector used for vacuum-outlet gas chromatography. <i>Journal of Separation Science</i> , 2000, 12, 226-235.	1.0	4
108	Origin of mass shifts in the quadrupole ion trap: dissociation of fragile ions observed with a hybrid ion trap/mass filter instrument. , 2000, 14, 270-273.		52

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109	Pulsed helium introduction into a quadrupole ion trap for reduced collisional quenching during infrared multiphoton dissociation of electrosprayed ions. <i>Rapid Communications in Mass Spectrometry</i> , 2000, 14, 1391-1397.	1.5	30
110	Interpretation of electrospray/ion trap mass spectra of bile acids and other surfactants. <i>Rapid Communications in Mass Spectrometry</i> , 2000, 14, 1398-1403.	1.5	10
111	Collision-induced dissociation breakdown surfaces for n-alkylbenzene molecular ions in a quadrupole ion trap mass spectrometer. <i>International Journal of Mass Spectrometry</i> , 2000, 194, 121-132.	1.5	16
112	Analysis of Human Skin Emanations by Gas Chromatography/Mass Spectrometry. 2. Identification of Volatile Compounds That Are Candidate Attractants for the Yellow Fever Mosquito (<i>Aedes aegypti</i>). <i>Analytical Chemistry</i> , 2000, 72, 747-756.	6.5	478
113	Fundamental studies of ion injection and trapping of electrosprayed ions on a quadrupole ion trap. <i>International Journal of Mass Spectrometry</i> , 1999, 190-191, 81-102.	1.5	52
114	Detection of pharmaceutical compounds in tissue by matrix-assisted laser desorption/ionization and laser desorption/chemical ionization tandem mass spectrometry with a quadrupole ion trap. <i>Journal of the American Society for Mass Spectrometry</i> , 1999, 10, 1315-1321.	2.8	125
115	Analysis of Human Skin Emanations by Gas Chromatography/Mass Spectrometry. 1. Thermal Desorption of Attractants for the Yellow Fever Mosquito (<i>Aedes aegypti</i>) from Handled Glass Beads. <i>Analytical Chemistry</i> , 1999, 71, 1-7.	6.5	126
116	The effects of pulsed introduction of buffer gas on ion storage and detection efficiencies in a quadrupole ion trap. <i>Journal of the American Society for Mass Spectrometry</i> , 1997, 8, 532-538.	2.8	9
117	Electron ionization mass spectrometric analysis of 5-nitro octaethylprophyrin: evidence for scission of the porphyrin macrocycle. <i>Journal of Mass Spectrometry</i> , 1997, 32, 978-983.	1.6	10
118	Electrospray ionization tandem mass spectrometry collision-induced dissociation study of explosives in an ion trap mass spectrometer. <i>Rapid Communications in Mass Spectrometry</i> , 1997, 11, 1961-1970.	1.5	91
119	Analysis of Biomolecules Using Electrospray Ionization Ion-Trap Mass Spectrometry and Laser Photodissociation. <i>ACS Symposium Series</i> , 1996, , 512-564.	0.5	12
120	Flavanone absorption after naringin, hesperidin, and citrus administration*. <i>Clinical Pharmacology and Therapeutics</i> , 1996, 60, 34-40.	4.7	269
121	Reactions in the mass spectrometry of a hydride Meisenheimer complex of 2,4,6-trinitrotoluene (TNT). <i>Journal of Mass Spectrometry</i> , 1995, 30, 715-722.	1.6	16
122	Internal pulsed valve sample introduction on a quadrupole ion trap mass spectrometer. <i>Journal of the American Society for Mass Spectrometry</i> , 1995, 6, 976-980.	2.8	13
123	Trace Determination of Naringenin and Hesperitin by Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 1995, 43, 1966-1968.	5.2	17
124	Thermal decomposition characterization of explosives by pyrolysis-gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 1994, 688, 231-242.	3.7	17
125	Isomerization of ionized toluene and cycloheptatriene on resonant excitation in a quadrupole ion-trap mass spectrometer. <i>Organic Mass Spectrometry</i> , 1994, 29, 329-332.	1.3	1
126	Short-column gas chromatography/tandem mass spectrometry for the detection of underivatized anabolic steroids in urine. <i>Biological Mass Spectrometry</i> , 1994, 23, 131-139.	0.5	21

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127	Infrared multiple photon dissociation in the quadrupole ion trap via a multipass optical arrangement. <i>Journal of the American Society for Mass Spectrometry</i> , 1994, 5, 886-893.	2.8	57
128	Gas-Phase Ion-Molecule Reactions: A Model for the Determination of Biologically Reactive Electrophilic Contaminants in the Environment. <i>Analytical Chemistry</i> , 1994, 66, 1902-1910.	6.5	8
129	Nonlinear resonance effects during ion storage in a quadrupole ion trap. <i>Journal of the American Society for Mass Spectrometry</i> , 1993, 4, 917-929.	2.8	44
130	Operation of a quadrupole ion trap for particle beam LC/MS analyses. <i>Analytical Chemistry</i> , 1993, 65, 1295-1300.	6.5	20
131	Electrochemistry On Line with Mass Spectrometry Insight into Biological Redox Reactions. <i>Analytical Chemistry</i> , 1992, 64, 21A-26A.	6.5	30
132	Black canyons for ions stored in an ion-trap mass spectrometer. <i>Rapid Communications in Mass Spectrometry</i> , 1992, 6, 573-578.	1.5	25
133	The stretched quadrupole ion trap: Implications for the Mathieu u and q parameters and experimental mapping of the stability diagram. <i>Rapid Communications in Mass Spectrometry</i> , 1992, 6, 760-764.	1.5	23
134	Alternating RF/DC Isolations for Quantitation with Coeluting Internal Standards in Gas Chromatography/Ion Trap Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 1992, 3, 85-88.	2.8	4
135	Probing trapped ion energies via ion-molecule reaction kinetics: Quadrupole ion trap mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 1992, 3, 716-726.	2.8	29
136	Optimization of short-column gas chromatography/electron ionization mass spectrometry conditions for the determination of underivatized anabolic steroids. <i>Biological Mass Spectrometry</i> , 1992, 21, 420-430.	0.5	10
137	The Henryville bed of the New Albany Shale. <i>Chemical Geology</i> , 1991, 91, 153-168.	3.3	2
138	Carbon number, pyrrolic structure and sequencing information of porphyrin structure in one experiment by desorption tandem mass spectrometry—relevance for geoporphyrins. <i>Chemical Geology</i> , 1991, 91, 185-192.	3.3	5
139	The Henryville bed of the New Albany shale—III: Tandem mass spectrometric analyses of geoporphyrins from the bitumen and kerogen. <i>Organic Geochemistry</i> , 1991, 17, 93-105.	1.8	26
140	MS-MS parent scans on a quadrupole ion trap mass spectrometer by simultaneous resonant excitation of multiple ions. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1991, 106, 197-212.	1.8	31
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