

Malcolm Clench

List of Publications by Year in descending order

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125
papers

4,444
citations

94433

37
h-index

123424

61
g-index

130
all docs

130
docs citations

130
times ranked

3995
citing authors

#	ARTICLE	IF	CITATIONS
1	Elemental Mapping of Human Malignant Mesothelioma Tissue Samples Using High-Speed LA-ICP-TOFMS Imaging. <i>Analytical Chemistry</i> , 2022, 94, 2597-2606.	6.5	5
2	Adaptation of the Kirkstall QV600 LLI Microfluidics System for the Study of Gastrointestinal Absorption by Mass Spectrometry Imaging and LC-MS/MS. <i>Pharmaceutics</i> , 2022, 14, 364.	4.5	2
3	Label-Free Quantitative Proteomics and Substrate-Based Mass Spectrometry Imaging of Xenobiotic Metabolizing Enzymes in Ex Vivo Human Skin and a Human Living Skin Equivalent Model. <i>Drug Metabolism and Disposition</i> , 2021, 49, 39-52.	3.3	12
4	Monitoring the three-dimensional distribution of endogenous species in the lungs by matrix-assisted laser desorption/ionization mass spectrometry imaging. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e8957.	1.5	4
5	Quantitative MALDI mass spectrometry imaging for exploring cutaneous drug delivery of tofacitinib in human skin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 159, 1-10.	4.3	13
6	Visualizing Cholesterol in the Brain by On-Tissue Derivatization and Quantitative Mass Spectrometry Imaging. <i>Analytical Chemistry</i> , 2021, 93, 4932-4943.	6.5	38
7	Comparison of Osteosarcoma Aggregated Tumour Models with Human Tissue by Multimodal Mass Spectrometry Imaging. <i>Metabolites</i> , 2021, 11, 506.	2.9	4
8	Mass spectrometry imaging of endogenous metabolites in response to doxorubicin in a novel 3D osteosarcoma cell culture model. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4461.	1.6	22
9	Laser ablation inductively coupled plasma mass spectrometry as a novel clinical imaging tool to detect asbestos fibres in malignant mesothelioma. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8906.	1.5	7
10	Characterization of an Aggregated Three-Dimensional Cell Culture Model by Multimodal Mass Spectrometry Imaging. <i>Analytical Chemistry</i> , 2020, 92, 12538-12547.	6.5	39
11	Needles in haystacks: using fast-response LA chambers and ICP-TOF-MS to identify asbestos fibres in malignant mesothelioma models. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 2231-2238.	3.0	13
12	Pre-validation of a MALDI MS proteomics-based method for the reliable detection of blood and blood provenance. <i>Scientific Reports</i> , 2020, 10, 17087.	3.3	8
13	Localization of sterols and oxysterols in mouse brain reveals distinct spatial cholesterol metabolism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 5749-5760.	7.1	53
14	Localization and Composition of Fructans in Stem and Rhizome of <i>Agave tequilana</i> Weber var. azul. <i>Frontiers in Plant Science</i> , 2020, 11, 608850.	3.6	17
15	Role of MALDI-MSI in combination with 3D tissue models for early stage efficacy and safety testing of drugs and toxicants. <i>Expert Review of Proteomics</i> , 2020, 17, 827-841.	3.0	15
16	Precision pharmacology: Mass spectrometry imaging and pharmacokinetic drug resistance. <i>Critical Reviews in Oncology/Hematology</i> , 2019, 141, 153-162.	4.4	21
17	Sample Treatment for Tissue Proteomics in Cancer, Toxicology, and Forensics. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1073, 77-123.	1.6	6
18	Mass spectrometry imaging and its application in pharmaceutical research and development: A concise review. <i>International Journal of Mass Spectrometry</i> , 2019, 437, 99-112.	1.5	111

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19	Mass Spectrometry Imaging of 3D Tissue Models. <i>Proteomics</i> , 2018, 18, e1700462.	2.2	17
20	Quantitation of Endogenous Metabolites in Mouse Tumors Using Mass-Spectrometry Imaging. <i>Analytical Chemistry</i> , 2018, 90, 6051-6058.	6.5	56
21	Examination of the skin barrier repair/wound healing process using a living skin equivalent model and matrix-assisted laser desorption/ionization-mass spectrometry imaging. <i>International Journal of Cosmetic Science</i> , 2018, 40, 148-156.	2.6	16
22	Metabolomic analysis of white and yellow seminal plasma in turkeys (<i>Meleagris gallopavo</i>). <i>Poultry Science</i> , 2018, 97, 1059-1065.	3.4	11
23	Front Cover: Mass Spectrometry Imaging of 3D Tissue Models. <i>Proteomics</i> , 2018, 18, 1870121.	2.2	1
24	Investigation of infinite focus microscopy for the determination of the association of blood with fingerprints. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2018, 58, 397-404.	2.1	12
25	Quantitative Investigation of Terbinafine Hydrochloride Absorption into a Living Skin Equivalent Model by MALDI-MSI. <i>Analytical Chemistry</i> , 2018, 90, 10031-10038.	6.5	24
26	Odróżnienie brodawkowego raka tarczycy od tkanki nienowotworowej w oparciu o profilowanie lipidów metodą... MALDI-MSI. <i>Endokrynologia Polska</i> , 2018, 69, 2-8.	1.0	24
27	Antigen retrieval prior to on-tissue digestion of formalin-fixed paraffin-embedded tumour tissue sections yields oxidation of proline residues. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2017, 1865, 901-906.	2.3	10
28	MALDI-MSI of Lipids in Human Skin. <i>Methods in Molecular Biology</i> , 2017, 1618, 29-36.	0.9	6
29	Methanol adducts leading to the identification of a reactive aldehyde metabolite of CPAQOP in human liver microsomes by ultra-high-performance liquid chromatography/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 145-151.	1.5	1
30	Optimization of Sample Preparation and Instrumental Parameters for the Rapid Analysis of Drugs of Abuse in Hair samples by MALDI-MS/MS Imaging. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 2462-2468.	2.8	25
31	The Investigation of Unexpected Arsenic Compounds Observed in Routine Biological Monitoring Urinary Speciation Analysis. <i>Toxics</i> , 2017, 5, 12.	3.7	8
32	Advances in mass spectrometry imaging. <i>Proteomics</i> , 2016, 16, 1605-1606.	2.2	2
33	Proteomics goes forensic: Detection and mapping of blood signatures in fingerprints. <i>Proteomics</i> , 2016, 16, 1707-1717.	2.2	37
34	Understanding metabolism of arginine in biological systems via MALDI imaging. <i>Proteomics</i> , 2016, 16, 1690-1694.	2.2	6
35	Spatial Quantitation of Drugs in tissues using Liquid Extraction Surface Analysis Mass Spectrometry Imaging. <i>Scientific Reports</i> , 2016, 6, 37648.	3.3	52
36	MALDI-MSI for the analysis of a 3D tissue-engineered psoriatic skin model. <i>Proteomics</i> , 2016, 16, 1718-1725.	2.2	24

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37	MALDI MSI analysis of lipid changes in living skin equivalents in response to emollient creams containing palmitoylethanolamide. <i>Methods</i> , 2016, 104, 93-100.	3.8	16
38	A proteomic approach for the rapid, multi-informative and reliable identification of blood. <i>Analyst</i> , 2016, 141, 191-198.	3.5	33
39	Communication of medical images to diverse audiences using multimodal imaging. <i>Advanced Structural and Chemical Imaging</i> , 2015, 1, .	4.0	2
40	Thin-layer chromatography/matrix-assisted laser desorption/ionisation mass spectrometry and matrix-assisted laser desorption/ionisation mass spectrometry imaging for the analysis of phospholipids in LS174T colorectal adenocarcinoma xenografts treated with the vascular disrupting agent DMXAA. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 1288-1296.	1.5	17
41	Lipid changes within the epidermis of living skin equivalents observed across a time-course by MALDI-MS imaging and profiling. <i>Lipids in Health and Disease</i> , 2015, 14, 84.	3.0	20
42	Mass spectrometry imaging for the proteomic study of clinical tissue. <i>Proteomics - Clinical Applications</i> , 2015, 9, 335-341.	1.6	15
43	MALDI-MS imaging for the study of tissue pharmacodynamics and toxicodynamics. <i>Bioanalysis</i> , 2015, 7, 91-101.	1.5	16
44	Alternative Surfactants for Improved Efficiency of In Situ Tryptic Proteolysis of Fingermarks. <i>Journal of the American Society for Mass Spectrometry</i> , 2015, 26, 862-872.	2.8	20
45	The use of hydrazine-based derivatization reagents for improved sensitivity and detection of carbonyl containing compounds using MALDI-MSI. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 2085-2094.	3.7	37
46	Mapping Drug Distribution in Brain Tissue Using Liquid Extraction Surface Analysis Mass Spectrometry Imaging. <i>Analytical Chemistry</i> , 2015, 87, 10146-10152.	6.5	53
47	Mass spectrometry imaging tools in oncology. <i>Biomarkers in Medicine</i> , 2015, 9, 863-868.	1.4	18
48	Radiation-Induced Changes in Serum Lipidome of Head and Neck Cancer Patients. <i>International Journal of Molecular Sciences</i> , 2014, 15, 6609-6624.	4.1	29
49	‘Afterlife Experiment’: Use of MALDI-MS and SIMS Imaging for the Study of the Nitrogen Cycle within Plants. <i>Analytical Chemistry</i> , 2014, 86, 10071-10077.	6.5	22
50	MALDI-MSI and label-free LC-ESI-MS/MS shotgun proteomics to investigate protein induction in a murine fibrosarcoma model following treatment with a vascular disrupting agent. <i>Proteomics</i> , 2014, 14, 890-903.	2.2	10
51	Direct detection of blood in fingermarks by MALDI MS profiling and Imaging. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2014, 54, 110-117.	2.1	47
52	Identification of the Reactive Metabolites of Fenclozic Acid in Bile Duct Cannulated Rats. <i>Analytical Chemistry</i> , 2014, 86, 11281-11289.	6.5	9
53	Mass Spectrometry Imaging of Cassette-Dosed Drugs for Higher Throughput Pharmacokinetic and Biodistribution Analysis. <i>Analytical Chemistry</i> , 2014, 86, 8473-8480.	6.5	82
54	Beyond the ridge pattern: multi-informative analysis of latent fingermarks by MALDI mass spectrometry. <i>Analyst</i> , 2013, 138, 4215.	3.5	105

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55	Matrix assisted laser desorption ionisation ion mobility separation mass spectrometry imaging of ex-vivo human skin. <i>International Journal for Ion Mobility Spectrometry</i> , 2013, 16, 71-83.	1.4	13
56	Spectroscopic imaging based approach for condom identification in condom contaminated fingermarks. <i>Analyst, The</i> , 2013, 138, 2546.	3.5	60
57	Efficiency of the dry-wet method for the MALDI-MSI analysis of latent fingermarks. <i>Journal of Mass Spectrometry</i> , 2013, 48, 677-684.	1.6	40
58	Curcumin: A Multipurpose Matrix for MALDI Mass Spectrometry Imaging Applications. <i>Analytical Chemistry</i> , 2013, 85, 5240-5248.	6.5	65
59	Polyphenols are responsible for the proapoptotic properties of pomegranate juice on leukemia cell lines. <i>Food Science and Nutrition</i> , 2013, 1, 196-208.	3.4	30
60	Recombinant " IMS TAG" proteins – A new method for validating bottom-up matrix-assisted laser desorption/ionisation ion mobility separation mass spectrometry imaging. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 2355-2362.	1.5	22
61	The relationship of HLA class I derived leader peptide mismatch and renal function within the first 12 months post-renal transplant. <i>Tissue Antigens</i> , 2013, 82, 291-292.	1.0	0
62	Detection of the Epidermal Growth Factor Receptor, Amphiregulin and Epiregulin in Formalin-Fixed Paraffin-Embedded Human Placenta Tissue by Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry Imaging. <i>European Journal of Mass Spectrometry</i> , 2013, 19, 17-28.	1.0	9
63	Targeting of Hypoxia in AQ4N-treated Tumour Xenografts by MALDI Ion Mobility Separation-Mass Spectrometry Imaging. <i>Current Analytical Chemistry</i> , 2013, 9, 212-225.	1.2	5
64	Metabolomics in toxicology and preclinical research. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2013, 30, 209-225.	1.5	164
65	Targeting of Hypoxia in AQ4N-treated Tumour Xenografts by MALDI Ion Mobility Separation-Mass Spectrometry Imaging. <i>Current Analytical Chemistry</i> , 2013, 9, 212-225.	1.2	4
66	Reaction of Homopiperazine with Endogenous Formaldehyde: A Carbon Hydrogen Addition Metabolite/Product Identified in Rat Urine and Blood. <i>Drug Metabolism and Disposition</i> , 2012, 40, 1478-1486.	3.3	4
67	Bioactive Actions of Pomegranate Fruit Extracts on Leukemia Cell Lines In Vitro Hold Promise for New Therapeutic Agents for Leukemia. <i>Nutrition and Cancer</i> , 2012, 64, 100-110.	2.0	36
68	In situ imaging of honeybee (<i>Apis mellifera</i>) venom components from aqueous and aluminum hydroxide-adsorbed venom immunotherapy preparations. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, 1314-1320.e3.	2.9	12
69	Separation of overlapping fingermarks by Matrix Assisted Laser Desorption Ionisation Mass Spectrometry Imaging. <i>Forensic Science International</i> , 2012, 222, 318-326.	2.2	65
70	Direct detection of peptides and small proteins in fingermarks and determination of sex by MALDI mass spectrometry profiling. <i>Analyst, The</i> , 2012, 137, 4686.	3.5	96
71	Instrumentation and software for mass spectrometry imaging – "Making the most of what you've got. <i>Journal of Proteomics</i> , 2012, 75, 4931-4940.	2.4	21
72	Two-Step Matrix Application for the Enhancement and Imaging of Latent Fingermarks. <i>Analytical Chemistry</i> , 2011, 83, 5585-5591.	6.5	81

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73	Investigation of protein induction in tumour vascular targeted strategies by MALDI MSI. <i>Methods</i> , 2011, 54, 442-453.	3.8	38
74	Bioactive Chemicals from Carrot (<i>Daucus carota</i>) Juice Extracts for the Treatment of Leukemia. <i>Journal of Medicinal Food</i> , 2011, 14, 1303-1312.	1.5	36
75	MALDI-MS imaging of lipids in ex vivo human skin. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 115-125.	3.7	79
76	A novel matrix-assisted laser desorption/ionisation mass spectrometry imaging based methodology for the identification of sexual assault suspects. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 415-422.	1.5	79
77	Matrix-assisted laser desorption mass spectrometry imaging for the examination of imipramine absorption by Straticell-RHE-EPI/001 an artificial model of the human epidermis. <i>Xenobiotica</i> , 2011, 41, 735-742.	1.1	20
78	Novel molecular tumour classification using MALDI mass spectrometry imaging of tissue micro-array. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 587-601.	3.7	112
79	Introduction of a 20 kHz Nd:YVO4 laser into a hybrid quadrupole time-of-flight mass spectrometer for MALDI-MS imaging. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 3409-3419.	3.7	78
80	Direct analysis of pharmaceutical tablet formulations using matrix-assisted laser desorption/ionisation mass spectrometry imaging. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 1665-1672.	1.5	39
81	Examination of the translocation of sulfonylurea herbicides in sunflower plants by matrix-assisted laser desorption/ionisation mass spectrometry imaging. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 3309-3319.	1.5	34
82	Imaging mass spectrometry for the assessment of drugs and metabolites in tissue. <i>Bioanalysis</i> , 2009, 1, 309-319.	1.5	24
83	Detergent addition to tryptic digests and ion mobility separation prior to MS/MS improves peptide yield and protein identification for <i>in situ</i> proteomic investigation of frozen and formalin-fixed paraffin-embedded adenocarcinoma tissue sections. <i>Proteomics</i> , 2009, 9, 2750-2763.	2.2	101
84	Examination of the distribution of nicosulfuron in sunflower plants by matrix-assisted laser desorption/ionisation mass spectrometry imaging. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 1321-1327.	1.5	45
85	Study of latent fingerprints by matrix-assisted laser desorption/ionisation mass spectrometry imaging of endogenous lipids. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 3031-3039.	1.5	161
86	Cleavage of chemokines CCL2 and CXCL10 by matrix metalloproteinases-2 and -9: Implications for chemotaxis. <i>Biochemical and Biophysical Research Communications</i> , 2009, 382, 341-347.	2.1	34
87	MALDI-Ion Mobility Separation-Mass Spectrometry Imaging of Glucose-Regulated Protein 78 kDa (Grp78) in Human Formalin-Fixed, Paraffin-Embedded Pancreatic Adenocarcinoma Tissue Sections. <i>Journal of Proteome Research</i> , 2009, 8, 4876-4884.	3.7	110
88	Matrix-assisted laser desorption/ionisation mass spectrometry imaging of lipids in rat brain tissue with integrated unsupervised and supervised multivariate statistical analysis. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 1503-1509.	1.5	76
89	Method development for protein profiling in biological tissues by matrix-assisted laser desorption/ionisation mass spectrometry imaging. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 1615-1618.	1.5	11
90	Matrix-Assisted Laser Desorption/Ionization-Ion Mobility Separation-Mass Spectrometry Imaging of Vinblastine in Whole Body Tissue Sections. <i>Analytical Chemistry</i> , 2008, 80, 8628-8634.	6.5	182

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91	Imaging Matrix Assisted Laser Desorption Ionization Mass Spectrometry: a technique to map plant metabolites within tissues at high spatial resolution. <i>Journal of Experimental Botany</i> , 2007, 58, 757-763.	4.8	138
92	Sample preparation and data interpretation procedures for the examination of xenobiotic compounds in skin by indirect imaging MALDI-MS. <i>International Journal of Mass Spectrometry</i> , 2007, 260, 243-251.	1.5	28
93	Examination of the distribution of the bioreductive drug AQ4N and its active metabolite AQ4 in solid tumours by imaging matrix-assisted laser desorption/ionisation mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 1271-1276.	1.5	83
94	Mass fingerprinting of toxic fractions from the venom of the Indian red scorpion, <i>Mesobuthus tamulus</i> : biotope-specific variation in the expression of venom peptides. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 3467-3476.	1.5	57
95	Localization of water-soluble carbohydrates in wheat stems using imaging matrix-assisted laser desorption ionization mass spectrometry. <i>New Phytologist</i> , 2007, 173, 438-444.	7.3	61
96	Strategies for examination of Alzheimer's disease amyloid precursor protein isoforms. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 385, 692-699.	3.7	8
97	Characterisation of Derivatised Monomeric and Prepolymeric Isocyanates by Matrix-Assisted Laser Desorption/Ionisation Time-of-Flight Mass Spectrometry and Structural Elucidation by Tandem Mass Spectrometry. <i>European Journal of Mass Spectrometry</i> , 2005, 11, 565-574.	1.0	12
98	Determination of agrochemical compounds in soya plants by imaging matrix-assisted laser desorption/ionisation mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 2507-2516.	1.5	82
99	Determination of pharmaceutical compounds in skin by imaging matrix-assisted laser desorption/ionisation mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 3051-3060.	1.5	148
100	Quantitative determination of Piroxicam by TLC-MALDI TOF MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004, 35, 31-39.	2.8	49
101	Determination of nicotine and its metabolites in urine by solid-phase extraction and sample stacking capillary electrophoresis-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 796, 303-313.	2.3	46
102	Studies into the formation of dioxins in the sintering process used in the iron and steel industry. 1. Characterisation of isomer profiles in particulate and gaseous emissions. <i>Chemosphere</i> , 2003, 51, 585-594.	8.2	39
103	Thin-Layer Chromatography-Postsource-Decay Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry of Small Drug Molecules. <i>Journal of Chromatographic Science</i> , 2002, 40, 614-620.	1.4	29
104	GC-MS Characterisation of Products of Oxidation of Thiophenes Using the Fenton and Related Reagents. <i>Journal of Advanced Oxidation Technologies</i> , 2002, 5, .	0.5	0
105	Monoacylglycerols derived from butter oil by <i>Penicillium roquefortii</i> in suspension cultures. <i>Journal of the Science of Food and Agriculture</i> , 2002, 82, 553-558.	3.5	1
106	Thin-layer chromatography-matrix-assisted laser desorption ionisation-time-of-flight mass spectrometry using particle suspension matrices. <i>Journal of Chromatography A</i> , 2002, 958, 249-260.	3.7	68
107	Variations in the estimation of the contribution of environmental tobacco smoke (ETS) to respirable ($\approx 5 \mu\text{m}$) indoor air particulates obtained by the use of different analytical methods. <i>Journal of Environmental Monitoring</i> , 2001, 3, 295-301.	2.1	11
108	The analysis of alkylphenol ethoxysulphonate surfactants by high-performance liquid chromatography, liquid chromatography-electrospray ionisation-mass spectrometry and matrix-assisted laser desorption ionisation-mass spectrometry. <i>Analytica Chimica Acta</i> , 2001, 445, 255-267.	5.4	23

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109	Influence of surface carbon coverage of C1 (TMS) stationary phases on the separation of nonylphenol ethoxylate ethoxymers. <i>Journal of Chromatography A</i> , 2000, 903, 33-40.	3.7	3
110	The determination of non-ionic surfactants in surface waters by matrix-assisted laser desorption/ionisation time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1999, 13, 251-255.	1.5	24
111	Exact mass determination of narrow electrophoretic peaks using an orthogonal acceleration time-of-flight mass spectrometer. <i>Rapid Communications in Mass Spectrometry</i> , 1999, 13, 256-263.	1.5	33
112	Matrix-assisted laser desorption/ionisation time-of-flight/thin layer chromatography/mass spectrometry—a rapid method for impurity testing. , 1999, 13, 264-270.		43
113	The determination of non-ionic surfactants in surface waters by matrix-assisted laser desorption/ionisation time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1999, 13, 251-255.	1.5	1
114	The Quantitative Analysis of Multicomponent Gaseous Mixtures of Organic Compounds by FT-IR. <i>Spectroscopy Letters</i> , 1997, 30, 99-106.	1.0	3
115	The Influence of the Temperature of Blackbody for Calibrating FTIR System on the Instrument Response Function—. <i>Spectroscopy Letters</i> , 1997, 30, 783-791.	1.0	5
116	Particle Beam Liquid Chromatography/Mass Spectrometry Analysis of Hazardous Agricultural and Industrial Chemicals. <i>Rapid Communications in Mass Spectrometry</i> , 1997, 11, 618-623.	1.5	11
117	Evidence for the adsorption of nitrated polycyclic aromatic hydrocarbons by tree bark. <i>Journal of Chromatography A</i> , 1997, 786, 275-283.	3.7	24
118	Determination of surfactants in surface water by solid-phase extraction, liquid chromatography and liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 1996, 733, 207-216.	3.7	74
119	The Determination of Methadone and Metabolites in Human Urine by HPLC with Ultraviolet, and Particle Beam Mass Spectrometric Detection. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1994, 17, 4431-4444.	1.0	5
120	Characterisation of electron beam generated transformation products of Irganox 1010 by particle beam liquid chromatography-mass spectrometry with on-line diode array detection. <i>Journal of Chromatography A</i> , 1994, 679, 285-297.	3.7	15
121	Investigation of the products of oxidation of methylpyridines under aqueous conditions by gas chromatography—mass spectrometry. <i>Analyst</i> , The, 1994, 119, 903-907.	3.5	6
122	Characterisation of solvent-extractable transformation products of high molecular weight hindered phenols in polypropylene subjected to ionising radiation in air or to thermal ageing. <i>Polymer Degradation and Stability</i> , 1993, 39, 293-297.	5.8	32
123	Identification by particle-beam liquid chromatography—mass spectrometry of transformation products of the antioxidant Irganox 1330 in food-contact polymers subjected to electron-beam irradiation. <i>Journal of Chromatography A</i> , 1993, 629, 283-290.	3.7	15
124	Matrix-assisted ionisation in vacuum mass spectrometry and imaging on a modified quadrupole-quadrupole-time-of-flight mass spectrometer. <i>Journal of Spectral Imaging</i> , 0, , .	0.0	3
125	Emerging applications in mass spectrometry imaging; enablers and roadblocks. <i>Journal of Spectral Imaging</i> , 0, , .	0.0	1