# Malcolm Clench

List of Publications by Year
in descending order

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| 125 | 4,444 | 94269 | 123241 |
|---|---|---|---|
| papers | citations | 37 | 61 |
| | | h-index | g-index |

| 130 | 130 | 130 | 3995 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Matrix-Assisted Laser Desorption/Ionization-Ion Mobility Separation-Mass Spectrometry Imaging of Vinblastine in Whole Body Tissue Sections. Analytical Chemistry, 2008, 80, 8628-8634. | 3.2 | 182 |
| 2 | Metabolomics in toxicology and preclinical research. ALTEX: Alternatives To Animal Experimentation, 2013, 30, 209-225. | 0.9 | 164 |
| 3 | Study of latent fingermarks by matrixâ€assisted laser desorption/ionisation mass spectrometry imaging of endogenous lipids. Rapid Communications in Mass Spectrometry, 2009, 23, 3031-3039. | 0.7 | 161 |
| 4 | Determination of pharmaceutical compounds in skin by imaging matrix-assisted laser desorption/ionisation mass spectrometry. Rapid Communications in Mass Spectrometry, 2004, 18, 3051-3060. | 0.7 | 148 |
| 5 | Imaging Matrix Assisted Laser Desorption Ionization Mass Spectrometry: a technique to map plant metabolites within tissues at high spatial resolution. Journal of Experimental Botany, 2007, 58, 757-763. | 2.4 | 138 |
| 6 | Novel molecular tumour classification using MALDIâ€“mass spectrometry imaging of tissue micro-array. Analytical and Bioanalytical Chemistry, 2010, 397, 587-601. | 1.9 | 112 |
| 7 | Mass spectrometry imaging and its application in pharmaceutical research and development: A concise review. International Journal of Mass Spectrometry, 2019, 437, 99-112. | 0.7 | 111 |
| 8 | MALDI-Ion Mobility Separation-Mass Spectrometry Imaging of Glucose-Regulated Protein 78 kDa (Grp78) in Human Formalin-Fixed, Paraffin-Embedded Pancreatic Adenocarcinoma Tissue Sections. Journal of Proteome Research, 2009, 8, 4876-4884. | 1.8 | 110 |
| 9 | Beyond the ridge pattern: multi-informative analysis of latent fingermarks by MALDI mass spectrometry. Analyst, The, 2013, 138, 4215. | 1.7 | 105 |
| 10 | Detergent addition to tryptic digests and ion mobility separation prior to MS/MS improves peptide yield and protein identification for in situ proteomic investigation of frozen and formalinâ€fixed paraffinâ€embedded adenocarcinoma tissue sections. Proteomics, 2009, 9, 2750-2763. | 1.3 | 101 |
| 11 | Direct detection of peptides and small proteins in fingermarks and determination of sex by MALDI mass spectrometry profiling. Analyst, The, 2012, 137, 4686. | 1.7 | 96 |
| 12 | 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. Rapid Communications in Mass Spectrometry, 2007, 21, 1271-1276. | 0.7 | 83 |
| 13 | Determination of agrochemical compounds in soya plants by imaging matrix-assisted laser desorption/ionisation mass spectrometry. Rapid Communications in Mass Spectrometry, 2005, 19, 2507-2516. | 0.7 | 82 |
| 14 | Mass Spectrometry Imaging of Cassette-Dosed Drugs for Higher Throughput Pharmacokinetic and Biodistribution Analysis. Analytical Chemistry, 2014, 86, 8473-8480. | 3.2 | 82 |
| 15 | Two-Step Matrix Application for the Enhancement and Imaging of Latent Fingermarks. Analytical Chemistry, 2011, 83, 5585-5591. | 3.2 | 81 |
| 16 | MALDI-MS imaging of lipids in ex vivo human skin. Analytical and Bioanalytical Chemistry, 2011, 401, 115-125. | 1.9 | 79 |
| 17 | A novel matrixâ€assisted laser desorption/ionisation mass spectrometry imaging based methodology for the identification of sexual assault suspects. Rapid Communications in Mass Spectrometry, 2011, 25, 415-422. | 0.7 | 79 |
| 18 | Introduction of a 20ÂkHz Nd:YVO4 laser into a hybrid quadrupole time-of-flight mass spectrometer for MALDI-MS imaging. Analytical and Bioanalytical Chemistry, 2010, 397, 3409-3419. | 1.9 | 78 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Matrixâ€assisted laser desorption/ionisation mass spectrometry imaging of lipids in rat brain tissue with integrated unsupervised and supervised multivariant statistical analysis. Rapid Communications in Mass Spectrometry, 2008, 22, 1503-1509. | 0.7 | 76 |
| 20 | Determination of surfactants in surface water by solid-phase extraction, liquid chromatography and liquid chromatography-mass spectrometry. Journal of Chromatography A, 1996, 733, 207-216. | 1.8 | 74 |
| 21 | Thin-layer chromatographyâ€“matrix-assisted laser desorption ionisationâ€“time-of-flight mass spectrometry using particle suspension matrices. Journal of Chromatography A, 2002, 958, 249-260. | 1.8 | 68 |
| 22 | Separation of overlapping fingermarks by Matrix Assisted Laser Desorption Ionisation Mass Spectrometry Imaging. Forensic Science International, 2012, 222, 318-326. | 1.3 | 65 |
| 23 | Curcumin: A Multipurpose Matrix for MALDI Mass Spectrometry Imaging Applications. Analytical Chemistry, 2013, 85, 5240-5248. | 3.2 | 65 |
| 24 | Localization of water-soluble carbohydrates in wheat stems using imaging matrix-assisted laser desorption ionization mass spectrometry. New Phytologist, 2007, 173, 438-444. | 3.5 | 61 |
| 25 | Spectroscopic imaging based approach for condom identification in condom contaminated fingermarks. Analyst, The, 2013, 138, 2546. | 1.7 | 60 |
| 26 | Mass fingerprinting of toxic fractions from the venom of the Indian red scorpion, Mesobuthus tamulus: biotopeâ€specific variation in the expression of venom peptides. Rapid Communications in Mass Spectrometry, 2007, 21, 3467-3476. | 0.7 | 57 |
| 27 | Quantitation of Endogenous Metabolites in Mouse Tumors Using Mass-Spectrometry Imaging. Analytical Chemistry, 2018, 90, 6051-6058. | 3.2 | 56 |
| 28 | Mapping Drug Distribution in Brain Tissue Using Liquid Extraction Surface Analysis Mass Spectrometry Imaging. Analytical Chemistry, 2015, 87, 10146-10152. | 3.2 | 53 |
| 29 | Localization of sterols and oxysterols in mouse brain reveals distinct spatial cholesterol metabolism. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 5749-5760. | 3.3 | 53 |
| 30 | Spatial Quantitation of Drugs in tissues using Liquid Extraction Surface Analysis Mass Spectrometry Imaging. Scientific Reports, 2016, 6, 37648. | 1.6 | 52 |
| 31 | Quantitative determination of Piroxicam by TLCâ€“MALDI TOF MS. Journal of Pharmaceutical and Biomedical Analysis, 2004, 35, 31-39. | 1.4 | 49 |
| 32 | Direct detection of blood in fingermarks by MALDI MS profiling and Imaging. Science and Justice - Journal of the Forensic Science Society, 2014, 54, 110-117. | 1.3 | 47 |
| 33 | Determination of nicotine and its metabolites in urine by solid-phase extraction and sample stacking capillary electrophoresis-mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2003, 796, 303-313. | 1.2 | 46 |
| 34 | Examination of the distribution of nicosulfuron in sunflower plants by matrixâ€assisted laser desorption/ionisation mass spectrometry imaging. Rapid Communications in Mass Spectrometry, 2009, 23, 1321-1327. | 0.7 | 45 |
| 35 | Matrix-assisted laser desorption/ionisation time-of-flight/thin layer chromatography/mass spectrometryâ€”a rapid method for impurity testing. , 1999, 13, 264-270. | | 43 |
| 36 | Efficiency of the dryâ€“wet method for the MALDIâ€MSI analysis of latent fingermarks. Journal of Mass Spectrometry, 2013, 48, 677-684. | 0.7 | 40 |

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|---|---|---|---|
| 37 | 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. Chemosphere, 2003, 51, 585-594. | 4.2 | 39 |
| 38 | Direct analysis of pharmaceutical tablet formulations using matrixâ€assisted laser desorption/ionisation mass spectrometry imaging. Rapid Communications in Mass Spectrometry, 2010, 24, 1665-1672. | 0.7 | 39 |
| 39 | Characterization of an Aggregated Three-Dimensional Cell Culture Model by Multimodal Mass Spectrometry Imaging. Analytical Chemistry, 2020, 92, 12538-12547. | 3.2 | 39 |
| 40 | Investigation of protein induction in tumour vascular targeted strategies by MALDI MSI. Methods, 2011, 54, 442-453. | 1.9 | 38 |
| 41 | Visualizing Cholesterol in the Brain by On-Tissue Derivatization and Quantitative Mass Spectrometry Imaging. Analytical Chemistry, 2021, 93, 4932-4943. | 3.2 | 38 |
| 42 | The use of hydrazine-based derivatization reagents for improved sensitivity and detection of carbonyl containing compounds using MALDI-MSI. Analytical and Bioanalytical Chemistry, 2015, 407, 2085-2094. | 1.9 | 37 |
| 43 | Proteomics goes forensic: Detection and mapping of blood signatures in fingermarks. Proteomics, 2016, 16, 1707-1717. | 1.3 | 37 |
| 44 | Bioactive Chemicals from Carrot (Daucus carota) Juice Extracts for the Treatment of Leukemia. Journal of Medicinal Food, 2011, 14, 1303-1312. | 0.8 | 36 |
| 45 | Bioactive Actions of Pomegranate Fruit Extracts on Leukemia Cell Lines In Vitro Hold Promise for New Therapeutic Agents for Leukemia. Nutrition and Cancer, 2012, 64, 100-110. | 0.9 | 36 |
| 46 | Cleavage of chemokines CCL2 and CXCL10 by matrix metalloproteinases-2 and -9: Implications for chemotaxis. Biochemical and Biophysical Research Communications, 2009, 382, 341-347. | 1.0 | 34 |
| 47 | Examination of the translocation of sulfonylurea herbicides in sunflower plants by matrixâ€assisted laser desorption/ionisation mass spectrometry imaging. Rapid Communications in Mass Spectrometry, 2010, 24, 3309-3319. | 0.7 | 34 |
| 48 | Exact mass determination of narrow electrophoretic peaks using an orthogonal acceleration time-of-flight mass spectrometer. Rapid Communications in Mass Spectrometry, 1999, 13, 256-263. | 0.7 | 33 |
| 49 | A proteomic approach for the rapid, multi-informative and reliable identification of blood. Analyst, The, 2016, 141, 191-198. | 1.7 | 33 |
| 50 | Characterisation of solvent-extractable transformation products of high molecular weight hindered phenols in polypropylene subjected to ionising radiation in air or to thermal ageing. Polymer Degradation and Stability, 1993, 39, 293-297. | 2.7 | 32 |
| 51 | Polyphenols are responsible for the proapoptotic properties of pomegranate juice on leukemia cell lines. Food Science and Nutrition, 2013, 1, 196-208. | 1.5 | 30 |
| 52 | Thin-Layer Chromatography–Postsource-Decay Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry of Small Drug Molecules. Journal of Chromatographic Science, 2002, 40, 614-620. | 0.7 | 29 |
| 53 | Radiation-Induced Changes in Serum Lipidome of Head and Neck Cancer Patients. International Journal of Molecular Sciences, 2014, 15, 6609-6624. | 1.8 | 29 |
| 54 | Sample preparation and data interpretation procedures for the examination of xenobiotic compounds in skin by indirect imaging MALDI-MS. International Journal of Mass Spectrometry, 2007, 260, 243-251. | 0.7 | 28 |

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|---|---|---|---|
| 55 | Optimization of Sample Preparation and Instrumental Parameters for the Rapid Analysis of Drugs of Abuse in Hair samples by MALDI-MS/MS Imaging. Journal of the American Society for Mass Spectrometry, 2017, 28, 2462-2468. | 1.2 | 25 |
| 56 | Evidence for the adsorption of nitrated polycyclic aromatic hydrocarbons by tree bark. Journal of Chromatography A, 1997, 786, 275-283. | 1.8 | 24 |
| 57 | The determination of non-ionic surfactants in surface waters by matrix-assisted laser desorption/ionisation time-of-flight mass spectrometry. Rapid Communications in Mass Spectrometry, 1999, 13, 251-255. | 0.7 | 24 |
| 58 | Imaging mass spectrometry for the assessment of drugs and metabolites in tissue. Bioanalysis, 2009, 1, 309-319. | 0.6 | 24 |
| 59 | MALDIâ€MSI for the analysis of a 3D tissueâ€engineered psoriatic skin model. Proteomics, 2016, 16, 1718-1725. | 1.3 | 24 |
| 60 | Quantitative Investigation of Terbinafine Hydrochloride Absorption into a Living Skin Equivalent Model by MALDI-MSI. Analytical Chemistry, 2018, 90, 10031-10038. | 3.2 | 24 |
| 61 | OdrÃ³Å¼nienie brodawkowatego raka tarczycy od tkanki nienowotworowej w oparciu o profilowanie lipidÃ³w metodÄ... MALDI-MSI. Endokrynologia Polska, 2018, 69, 2-8. | 0.3 | 24 |
| 62 | The analysis of alkylphenol ethoxysulphonate surfactants by high-performance liquid chromatography, liquid chromatographyâ€“electrospray ionisationâ€“mass spectrometry and matrix-assisted laser desorption ionisationâ€“mass spectrometry. Analytica Chimica Acta, 2001, 445, 255-267. | 2.6 | 23 |
| 63 | Recombinant " IMS TAG" proteins â€“ A new method for validating bottomâ€up matrixâ€assisted laser desorption/ionisation ion mobility separation mass spectrometry imaging. Rapid Communications in Mass Spectrometry, 2013, 27, 2355-2362. | 0.7 | 22 |
| 64 | â€œAfterlife Experimentâ€: Use of MALDI-MS and SIMS Imaging for the Study of the Nitrogen Cycle within Plants. Analytical Chemistry, 2014, 86, 10071-10077. | 3.2 | 22 |
| 65 | Mass spectrometry imaging of endogenous metabolites in response to doxorubicin in a novel 3D osteosarcoma cell culture model. Journal of Mass Spectrometry, 2020, 55, e4461. | 0.7 | 22 |
| 66 | Instrumentation and software for mass spectrometry imagingâ€”Making the most of what you've got. Journal of Proteomics, 2012, 75, 4931-4940. | 1.2 | 21 |
| 67 | Precision pharmacology: Mass spectrometry imaging and pharmacokinetic drug resistance. Critical Reviews in Oncology/Hematology, 2019, 141, 153-162. | 2.0 | 21 |
| 68 | 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. Xenobiotica, 2011, 41, 735-742. | 0.5 | 20 |
| 69 | Lipid changes within the epidermis of living skin equivalents observed across a time-course by MALDI-MS imaging and profiling. Lipids in Health and Disease, 2015, 14, 84. | 1.2 | 20 |
| 70 | Alternative Surfactants for Improved Efficiency of In Situ Tryptic Proteolysis of Fingermarks. Journal of the American Society for Mass Spectrometry, 2015, 26, 862-872. | 1.2 | 20 |
| 71 | Mass spectrometry imaging tools in oncology. Biomarkers in Medicine, 2015, 9, 863-868. | 0.6 | 18 |
| 72 | Thinâ€layer chromatography/matrixâ€assisted laser desorption/ionisation mass spectrometry and matrixâ€assisted laser desorption/ionisation mass spectrometry imaging for the analysis of phospholipids in LS174T colorectal adenocarcinoma xenografts treated with the vascular disrupting agent DMXAA. Rapid Communications in Mass Spectrometry, 2015, 29, 1288-1296. | 0.7 | 17 |

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|---|---|---|---|
| 73 | Mass Spectrometry Imaging of 3D Tissue Models. Proteomics, 2018, 18, e1700462. | 1.3 | 17 |
| 74 | Localization and Composition of Fructans in Stem and Rhizome of Agave tequilana Weber var. azul. Frontiers in Plant Science, 2020, 11, 608850. | 1.7 | 17 |
| 75 | MALDI-MS imaging for the study of tissue pharmacodynamics and toxicodynamics. Bioanalysis, 2015, 7, 91-101. | 0.6 | 16 |
| 76 | MALDI MSI analysis of lipid changes in living skin equivalents in response to emollient creams containing palmitoylethanolamide. Methods, 2016, 104, 93-100. | 1.9 | 16 |
| 77 | Examination of the skin barrier repair/wound healing process using a living skin equivalent model and matrixâ€assisted laser desorptionâ€ionizationâ€mass spectrometry imaging. International Journal of Cosmetic Science, 2018, 40, 148-156. | 1.2 | 16 |
| 78 | Identification by particle-beam liquid chromatographyâ€”mass spectrometry of transformation products of the antioxidant Irganox 1330 in food-contact polymers subjected to electron-beam irradiation. Journal of Chromatography A, 1993, 629, 283-290. | 1.8 | 15 |
| 79 | Characterisation of electron beam generated transformation products of irganox 1010 by particle beam liquid chromatography-mass spectrometry with on-line diode array detection. Journal of Chromatography A, 1994, 679, 285-297. | 1.8 | 15 |
| 80 | Mass spectrometry imaging for the proteomic study of clinical tissue. Proteomics - Clinical Applications, 2015, 9, 335-341. | 0.8 | 15 |
| 81 | Role of MALDI-MSI in combination with 3D tissue models for early stage efficacy and safety testing of drugs and toxicants. Expert Review of Proteomics, 2020, 17, 827-841. | 1.3 | 15 |
| 82 | Matrix assisted laser desorption ionisation ion mobility separation mass spectrometry imaging of ex-vivo human skin. International Journal for Ion Mobility Spectrometry, 2013, 16, 71-83. | 1.4 | 13 |
| 83 | Needles in haystacks: using fast-response LA chambers and ICP-TOF-MS to identify asbestos fibres in malignant mesothelioma models. Journal of Analytical Atomic Spectrometry, 2020, 35, 2231-2238. | 1.6 | 13 |
| 84 | Quantitative MALDI mass spectrometry imaging for exploring cutaneous drug delivery of tofacitinib in human skin. European Journal of Pharmaceutics and Biopharmaceutics, 2021, 159, 1-10. | 2.0 | 13 |
| 85 | 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. European Journal of Mass Spectrometry, 2005, 11, 565-574. | 0.5 | 12 |
| 86 | In situ imaging of honeybee (Apis mellifera) venom components from aqueous and aluminum hydroxideâ€“adsorbed venom immunotherapy preparations. Journal of Allergy and Clinical Immunology, 2012, 129, 1314-1320.e3. | 1.5 | 12 |
| 87 | Investigation of infinite focus microscopy for the determination of the association of blood with fingermarks. Science and Justice - Journal of the Forensic Science Society, 2018, 58, 397-404. | 1.3 | 12 |
| 88 | 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. Drug Metabolism and Disposition, 2021, 49, 39-52. | 1.7 | 12 |
| 89 | Particle Beam Liquid Chromatography/Mass Spectrometry Analysis of Hazardous Agricultural and Industrial Chemicals. Rapid Communications in Mass Spectrometry, 1997, 11, 618-623. | 0.7 | 11 |
| 90 | Variations in the estimation of the contribution of environmental tobacco smoke (ETS) to respirable (â‰¤5â€…Âµm) indoor air particulates obtained by the use of different analytical methods. Journal of Environmental Monitoring, 2001, 3, 295-301. | 2.1 | 11 |

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|---|---|---|---|
| 91 | Method development for protein profiling in biological tissues by matrixâ€assisted laser desorption/ionisation mass spectrometry imaging. Rapid Communications in Mass Spectrometry, 2008, 22, 1615-1618. | 0.7 | 11 |
| 92 | Metabolomic analysis of white and yellow seminal plasma in turkeys (Meleagris gallopavo). Poultry Science, 2018, 97, 1059-1065. | 1.5 | 11 |
| 93 | MALDIâ€MSI and labelâ€free LCâ€ESIâ€MS/MS shotgun proteomics to investigate protein induction in a murine fibrosarcoma model following treatment with a vascular disrupting agent. Proteomics, 2014, 14, 890-903. | 1.3 | 10 |
| 94 | Antigen retrieval prior to on-tissue digestion of formalin-fixed paraffin-embedded tumour tissue sections yields oxidation of proline residues. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2017, 1865, 901-906. | 1.1 | 10 |
| 95 | 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. European Journal of Mass Spectrometry, 2013, 19, 17-28. | 0.5 | 9 |
| 96 | Identification of the Reactive Metabolites of Fenclozic Acid in Bile Duct Cannulated Rats. Analytical Chemistry, 2014, 86, 11281-11289. | 3.2 | 9 |
| 97 | Strategies for examination of Alzheimerâ€™s disease amyloid precursor protein isoforms. Analytical and Bioanalytical Chemistry, 2006, 385, 692-699. | 1.9 | 8 |
| 98 | The Investigation of Unexpected Arsenic Compounds Observed in Routine Biological Monitoring Urinary Speciation Analysis. Toxics, 2017, 5, 12. | 1.6 | 8 |
| 99 | Pre-validation of a MALDI MS proteomics-based method for the reliable detection of blood and blood provenance. Scientific Reports, 2020, 10, 17087. | 1.6 | 8 |
| 100 | Laser ablation inductively coupled plasma mass spectrometry as a novel clinical imaging tool to detect asbestos fibres in malignant mesothelioma. Rapid Communications in Mass Spectrometry, 2020, 34, e8906. | 0.7 | 7 |
| 101 | Investigation of the products of oxidation of methylpyridines under aqueous conditions by gas chromatographyâ€“mass spectrometry. Analyst, The, 1994, 119, 903-907. | 1.7 | 6 |
| 102 | Understanding metabolism of arginine in biological systems via MALDI imaging. Proteomics, 2016, 16, 1690-1694. | 1.3 | 6 |
| 103 | MALDI-MSI of Lipids in Human Skin. Methods in Molecular Biology, 2017, 1618, 29-36. | 0.4 | 6 |
| 104 | Sample Treatment for Tissue Proteomics in Cancer, Toxicology, and Forensics. Advances in Experimental Medicine and Biology, 2019, 1073, 77-123. | 0.8 | 6 |
| 105 | The Determination of Methadone and Metabolites in Human Urine by HPLC with Ultraviolet, and Particle Beam Mass Spectrometric Detection. Journal of Liquid Chromatography and Related Technologies, 1994, 17, 4431-4444. | 0.9 | 5 |
| 106 | The Influence of the Temperature of Blackbody for Calibrating FTIR System on the Instrument Response Functionâˆ—. Spectroscopy Letters, 1997, 30, 783-791. | 0.5 | 5 |
| 107 | Targeting of Hypoxia in AQ4N-treated Tumour Xenografts by MALDIIon Mobility Separation-Mass Spectrometry Imaging. Current Analytical Chemistry, 2013, 9, 212-225. | 0.6 | 5 |
| 108 | Elemental Mapping of Human Malignant Mesothelioma Tissue Samples Using High-Speed LAâ€“ICPâ€“TOFMS Imaging. Analytical Chemistry, 2022, 94, 2597-2606. | 3.2 | 5 |

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|---|---|---|---|
| 109 | Reaction of Homopiperazine with Endogenous Formaldehyde: A Carbon Hydrogen Addition Metabolite/Product Identified in Rat Urine and Blood. Drug Metabolism and Disposition, 2012, 40, 1478-1486. | 1.7 | 4 |
| 110 | Monitoring the threeâ€dimensional distribution of endogenous species in the lungs by matrixâ€assisted laser desorption/ionization mass spectrometry imaging. Rapid Communications in Mass Spectrometry, 2021, 35, e8957. | 0.7 | 4 |
| 111 | Comparison of Osteosarcoma Aggregated Tumour Models with Human Tissue by Multimodal Mass Spectrometry Imaging. Metabolites, 2021, 11, 506. | 1.3 | 4 |
| 112 | Targeting of Hypoxia in AQ4N-treated Tumour Xenografts by MALDIIon Mobility Separation-Mass Spectrometry Imaging. Current Analytical Chemistry, 2013, 9, 212-225. | 0.6 | 4 |
| 113 | The Quantitative Analysis of Multicomponent Gaseous Mixtures of Organic Compounds by FT-IR. Spectroscopy Letters, 1997, 30, 99-106. | 0.5 | 3 |
| 114 | Influence of surface carbon coverage of C1 (TMS) stationary phases on the separation of nonylphenol ethoxylate ethoxymers. Journal of Chromatography A, 2000, 903, 33-40. | 1.8 | 3 |
| 115 | Matrix-assisted ionisation in vacuum mass spectrometry and imaging on a modified quadrupole-quadrupole-time-of-flight mass spectrometer. Journal of Spectral Imaging, 0, , . | 0.0 | 3 |
| 116 | Communication of medical images to diverse audiences using multimodal imaging. Advanced Structural and Chemical Imaging, 2015, 1, . | 4.0 | 2 |
| 117 | Advances in mass spectrometry imaging. Proteomics, 2016, 16, 1605-1606. | 1.3 | 2 |
| 118 | Adaptation of the Kirkstall QV600 LLI Microfluidics System for the Study of Gastrointestinal Absorption by Mass Spectrometry Imaging and LC-MS/MS. Pharmaceutics, 2022, 14, 364. | 2.0 | 2 |
| 119 | Monoacylglycerols derived from butter oil byPenicillium roquefortii in suspension cultures. Journal of the Science of Food and Agriculture, 2002, 82, 553-558. | 1.7 | 1 |
| 120 | Methanol adducts leading to the identification of a reactive aldehyde metabolite of CPAQOP in human liver microsomes by ultraâ€highâ€performance liquid chromatography/mass spectrometry. Rapid Communications in Mass Spectrometry, 2017, 31, 145-151. | 0.7 | 1 |
| 121 | Front Cover: Mass Spectrometry Imaging of 3D Tissue Models. Proteomics, 2018, 18, 1870121. | 1.3 | 1 |
| 122 | The determination of non-ionic surfactants in surface waters by matrix-assisted laser desorption/ionisation time-of-flight mass spectrometry. , 1999, 13, 251. | | 1 |
| 123 | Emerging applications in mass spectrometry imaging; enablers and roadblocks. Journal of Spectral Imaging, 0, , . | 0.0 | 1 |
| 124 | GC-MS Characterisation of Products of Oxidation of Thiophenes Using the Fenton and Related Reagents. Journal of Advanced Oxidation Technologies, 2002, 5, . | 0.5 | 0 |
| 125 | The relationship of <scp>HLA</scp>â€class I derived leader peptide mismatch and renal function within the first 12â€‰months postâ€renal transplant. Tissue Antigens, 2013, 82, 291-292. | 1.0 | 0 |