

Andrew Cannavan

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

2,053
citations

236925

25
h-index

254184

43
g-index

74
all docs

74
docs citations

74
times ranked

1963
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Detection of adulteration activities in edible bird's nest using untargeted 1H-NMR metabolomics with chemometrics. <i>Food Control</i> , 2022, 132, 108542. | 5.5 | 9 |
| 2 | Detecting adulteration of stingless bee honey using untargeted 1H NMR metabolomics with chemometrics. <i>Food Chemistry</i> , 2022, 368, 130808. | 8.2 | 25 |
| 3 | Assessment of geographical origin of virgin coconut oil using inductively coupled plasma mass spectrometry along with multivariate chemometrics. <i>Current Research in Food Science</i> , 2022, 5, 545-552. | 5.8 | 5 |
| 4 | The use of multispectral imaging for the discrimination of Arabica and Robusta coffee beans. <i>Food Chemistry: X</i> , 2022, 14, 100325. | 4.3 | 11 |
| 5 | Rapid and non-destructive approach for the detection of fried mustard oil adulteration in pure mustard oil via ATR-FTIR spectroscopy-chemometrics. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 244, 118822. | 3.9 | 34 |
| 6 | Method optimization and validation for multi-class residue analysis in turmeric. <i>Food Control</i> , 2021, 121, 107579. | 5.5 | 10 |
| 7 | Recent trends in the use of FTIR spectroscopy integrated with chemometrics for the detection of edible oil adulteration. <i>Vibrational Spectroscopy</i> , 2021, 113, 103222. | 2.2 | 61 |
| 8 | Non-targeted fingerprinting approach for rapid quantification of mustard oil adulteration with linseed oil: An economically motivated adulteration. <i>Vibrational Spectroscopy</i> , 2021, 113, 103226. | 2.2 | 6 |
| 9 | High-resolution mass spectrometry-based metabolomics for the discrimination between organic and conventional crops: A review. <i>Trends in Food Science and Technology</i> , 2021, 110, 142-154. | 15.1 | 23 |
| 10 | Detection of exogenous sugars in pineapple juice using compound-specific stable hydrogen isotope analysis. <i>Npj Science of Food</i> , 2021, 5, 10. | 5.5 | 3 |
| 11 | Differentiating Pakistani long-grain rice grown inside and outside the accepted Basmati Himalayan geographical region using a "one-class" multi-element chemometric model. <i>Food Control</i> , 2021, 123, 107827. | 5.5 | 15 |
| 12 | Geographical Differentiation of Hom Mali Rice Cultivated in Different Regions of Thailand Using FTIR-ATR and NIR Spectroscopy. <i>Foods</i> , 2021, 10, 1951. | 4.3 | 10 |
| 13 | Portable spectroscopy for high throughput food authenticity screening: Advancements in technology and integration into digital traceability systems. <i>Trends in Food Science and Technology</i> , 2021, 118, 777-790. | 15.1 | 44 |
| 14 | Screening Malaysian edible bird's nests for structural adulterants and geographical origin using Mid-Infrared " Attenuated Total Reflectance (MIR-ATR) spectroscopy combined with chemometric analysis by Data-Driven " Soft Independent Modelling of Class Analogy (DD-SIMCA). <i>Forensic Chemistry</i> , 2020, 17, 100197. | 2.8 | 14 |
| 15 | Attenuated total Reflectance"Fourier transform infrared (ATR"FTIR) spectroscopy coupled with chemometrics for rapid detection of argemone oil adulteration in mustard oil. <i>LWT - Food Science and Technology</i> , 2020, 120, 108945. | 5.2 | 31 |
| 16 | Rapid detection and quantification of sucrose adulteration in cow milk using Attenuated total reflectance-Fourier transform infrared spectroscopy coupled with multivariate analysis. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 240, 118628. | 3.9 | 27 |
| 17 | Rapid detection of pure coconut oil adulteration with fried coconut oil using ATR-FTIR spectroscopy coupled with multivariate regression modelling. <i>LWT - Food Science and Technology</i> , 2020, 125, 109250. | 5.2 | 20 |
| 18 | Qualitative and quantitative evaluation of corn syrup as a potential added sweetener in apple fruit juices using mid-infrared spectroscopy assisted chemometric modeling. <i>LWT - Food Science and Technology</i> , 2020, 131, 109749. | 5.2 | 12 |

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|----|--|-----|-----------|
| 19 | Development of an FTIR based chemometric model for the qualitative and quantitative evaluation of cane sugar as an added sugar adulterant in apple fruit juices. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2020, 37, 539-551. | 2.3 | 8 |
| 20 | Stable isotope analysis of non-exchangeable hydrogen in carbohydrates derivatised with N-methyl-bis-trifluoroacetamide by gas chromatography with Chromium silver reduction/High temperature Conversion-isotope ratio mass spectrometry (GC-CrAg/HTC-IRMS). <i>Food Chemistry</i> , 2020, 318, 126413. | 8.2 | 7 |
| 21 | Application of Attenuated Total Reflectance-Fourier Transform Infrared (ATR-FTIR) spectroscopy coupled with chemometrics for detection and quantification of formalin in cow milk. <i>Vibrational Spectroscopy</i> , 2020, 107, 103033. | 2.2 | 31 |
| 22 | Utilizing ATR-FTIR spectroscopy combined with multivariate chemometric modelling for the swift detection of mustard oil adulteration in virgin coconut oil. <i>Vibrational Spectroscopy</i> , 2020, 109, 103066. | 2.2 | 20 |
| 23 | Optimization and validation of a single method for the determination of pesticide residues in <i>Peumus boldus</i> Molina leaves using GC-MSD, GC-MS/MS and LC-MS/MS. <i>Journal of Applied Research on Medicinal and Aromatic Plants</i> , 2020, 18, 100254. | 1.5 | 4 |
| 24 | Atmospheric pressure chemical ionisation (APCI) and photoionisation (APPI) mass spectrometry for detection of unsaturated fatty acids: potential for rapid detection of adulteration of vegetable oils. <i>Analytical Methods</i> , 2019, 11, 3819-3828. | 2.7 | 3 |
| 25 | A laser ablation resonance ionisation mass spectrometer (LA-RIMS) for the detection of isotope ratios of uranium at ultra-trace concentrations from solid particles and solutions. <i>Journal of Analytical Atomic Spectrometry</i> , 2019, 34, 1630-1638. | 3.0 | 6 |
| 26 | Sorption of ¹⁴ C-carbofuran in Austrian soils: evaluation of fate and transport of carbofuran in temperate regions. <i>Environmental Science and Pollution Research</i> , 2019, 26, 986-990. | 5.3 | 6 |
| 27 | Authentication of Fruit Juices by Metabolomics Using UPLC-QTOF MS. , 2018, , 779-804. | | 1 |
| 28 | Generic Guidelines on Integrated Analytical Approaches to Assess Indicators of Pesticide Management Practices at a Catchment Scale. , 2018, , 7-27. | | 2 |
| 29 | Ruggedness testing of an analytical method for pesticide residues in potato. <i>Accreditation and Quality Assurance</i> , 2018, 23, 303-316. | 0.8 | 4 |
| 30 | Validation of an Analytical Method for the Determination of Pesticide Residues in Vine Leaves by GC-MS/MS. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 6421-6430. | 5.2 | 22 |
| 31 | Authentication of Indian citrus fruit/fruit juices by untargeted and targeted metabolomics. <i>Food Control</i> , 2017, 72, 181-188. | 5.5 | 53 |
| 32 | An investigative study on differentiation of citrus fruit/fruit juices by UPLC-QTOF MS and chemometrics. <i>Food Control</i> , 2017, 72, 173-180. | 5.5 | 45 |
| 33 | An investigative study on discrimination of honey of various floral and geographical origins using UPLC-QTOF MS and multivariate data analysis. <i>Food Control</i> , 2017, 72, 189-197. | 5.5 | 51 |
| 34 | FAO/IAEA International Symposium on Food Safety and Quality: Applications of Nuclear and Related Techniques, Vienna, Austria, 10-13 November 2014. <i>Food Control</i> , 2017, 72, 165-166. | 5.5 | 1 |
| 35 | Development of a Liquid Chromatography Tandem Mass Spectrometric Method for Simultaneous Determination of 15 Aminoglycoside Residues in Porcine Tissues. <i>Food Analytical Methods</i> , 2016, 9, 2587-2599. | 2.6 | 25 |
| 36 | Discrimination of honey of different floral origins by a combination of various chemical parameters. <i>Food Chemistry</i> , 2015, 189, 52-59. | 8.2 | 71 |

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|----|--|-----|-----------|
| 37 | Assessment of fruit juice authenticity using UPLC-QToF MS: A metabolomics approach. <i>Food Chemistry</i> , 2014, 148, 7-17. | 8.2 | 105 |
| 38 | Multi-class determination of anthelmintics in soil and water by LC-MS/MS. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2013, 30, 1128-1137. | 2.3 | 5 |
| 39 | Uptake of ¹⁴ C-atropine and/or its transformation products from soil by wheat (<i>Triticum aestivum</i> var Tj ETQq1 1 0.784314 rgBT /Overlock 10 T and Life Sciences, 2013, 48, 1034-1042. | 1.5 | 8 |
| 40 | <i>Anopheles arabiensis</i> egg treatment with dieldrin for sex separation leaves residues in male adult mosquitoes that can bioaccumulate in goldfish (<i>Carassius auratus auratus</i>). <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 2786-2791. | 4.3 | 13 |
| 41 | A Critical Review of Screening Methods for the Detection of Chloramphenicol, Thiamphenicol, and Florfenicol Residues in Foodstuffs. <i>Critical Reviews in Analytical Chemistry</i> , 2012, 42, 50-78. | 3.5 | 75 |
| 42 | Evidence of natural occurrence of the banned antibiotic chloramphenicol in herbs and grass. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 1955-1963. | 3.7 | 95 |
| 43 | Analysis of the antiviral drugs acyclovir and valacyclovir-hydrochloride in tsetse flies (<i>Glossina</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T and Life Sciences, 2010, 878, 2384-2390. | 2.3 | 37 |
| 44 | Development and validation of an improved HPLC method for the control of potentially counterfeit isometamidium products. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 46, 45-51. | 2.8 | 16 |
| 45 | Validation of an efficient method for the determination of pesticide residues in fruits and vegetables using ethyl acetate for extraction. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2007, 42, 481-490. | 1.5 | 87 |
| 46 | Characterisation of antibodies to chloramphenicol, produced in different species by enzyme-linked immunosorbent assay and biosensor technologies. <i>Analytica Chimica Acta</i> , 2007, 592, 51-57. | 5.4 | 44 |
| 47 | A competitive enzyme-linked immunosorbent assay for determination of chloramphenicol. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2007, 30, 68-73. | 1.3 | 21 |
| 48 | Development and validation of a method for the confirmation of halofuginone in chicken liver and eggs using electrospray tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 788, 29-36. | 2.3 | 26 |
| 49 | Halofuginone contamination in feeds as a cause of residues in eggs. <i>Analytica Chimica Acta</i> , 2002, 473, 177-182. | 5.4 | 21 |
| 50 | Development and validation of a method for the confirmation of nicarbazin in chicken liver and eggs using LC-electrospray MS-MS according to the revised EU criteria for veterinary drug residue analysis. <i>Analyst</i> , 2001, 126, 1985-1989. | 3.5 | 26 |
| 51 | Regulatory problems caused by contamination, a frequently overlooked cause of veterinary drug residues. <i>Journal of Chromatography A</i> , 2000, 882, 37-52. | 3.7 | 66 |
| 52 | Nicarbazin contamination in feeds as a cause of residues in eggs. <i>Food Additives and Contaminants</i> , 2000, 17, 829-836. | 2.0 | 39 |
| 53 | Possible causes of nicarbazin residues in chicken tissues. <i>Food Additives and Contaminants</i> , 2000, 17, 1001-1006. | 2.0 | 22 |
| 54 | Type II and type III monodeiodinase activities in the skin of untreated and propylthiouracil-treated cashmere goats. <i>Research in Veterinary Science</i> , 2000, 68, 119-123. | 1.9 | 20 |

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|----|--|-----|-----------|
| 55 | Concentration of 22,23-dihydroavermectin B1a detected in the sediments at an Atlantic salmon farm using orally administered ivermectin to control sea-lice infestation. <i>Aquaculture</i> , 2000, 182, 229-240. | 3.5 | 25 |
| 56 | Determination of nicarbazin in feeds using liquid chromatography-electrospray mass spectrometry. <i>Analyst, The</i> , 1999, 124, 1431-1434. | 3.5 | 22 |
| 57 | Use of liquid chromatography-mass spectrometry in the analysis of residues of antibiotics in meat and milk. <i>Journal of Chromatography A</i> , 1998, 812, 77-98. | 3.7 | 133 |
| 58 | Simultaneous determination of thiabendazole and its major metabolite, 5-hydroxythiabendazole, in bovine tissues using gradient liquid chromatography with thermospray and atmospheric pressure chemical ionisation mass spectrometry. <i>Biomedical Applications</i> , 1998, 718, 103-113. | 1.7 | 15 |
| 59 | Zeranol is formed from <i>Fusarium</i> spp. toxins in cattle in vivo. <i>Food Additives and Contaminants</i> , 1998, 15, 393-400. | 2.0 | 84 |
| 60 | Determination of Dimetridazole in Poultry Tissues and Eggs Using Liquid Chromatography-Thermospray Mass Spectrometry. <i>Analyst, The</i> , 1997, 122, 963-966. | 3.5 | 43 |
| 61 | Determination of Thyreostats in Thyroid and Urine Using High-performance Liquid Chromatography-Atmospheric Pressure Chemical Ionisation Mass Spectrometry. <i>Analyst, The</i> , 1997, 122, 967-972. | 3.5 | 43 |
| 62 | Determination of Trimethoprim in Tissues Using Liquid Chromatography-Thermospray Mass Spectrometry. <i>Analyst, The</i> , 1997, 122, 1379-1382. | 3.5 | 4 |
| 63 | Gas chromatographic-mass spectrometric determination of sulfamethazine in animal tissues using a methyl/trimethylsilyl derivative. <i>Analyst, The</i> , 1996, 121, 1457-1461. | 3.5 | 36 |
| 64 | Determination of levamisole in animal tissues using liquid chromatography-thermospray mass spectrometry. <i>Analyst, The</i> , 1995, 120, 331-333. | 3.5 | 19 |
| 65 | Determination of fenbendazole and oxfendazole in liver and muscle using liquid chromatography-mass spectrometry. <i>Analyst, The</i> , 1994, 119, 1325-1328. | 3.5 | 36 |
| 66 | Detection of clenbuterol residues in bovine liver, muscle, retina and urine using gas chromatography/mass spectrometry. <i>Biological Mass Spectrometry</i> , 1993, 22, 326-330. | 0.5 | 44 |
| 67 | Determination of ivermectin residues in the tissues of Atlantic salmon (<i>Salmo salar</i>) using HPLC with fluorescence detection. <i>Food Additives and Contaminants</i> , 1993, 10, 579-584. | 2.0 | 21 |
| 68 | Methylmalonyl-CoA mutase (EC 5.4.99.2) and methionine synthetase (EC 2.1.1.13) in the tissues of cobalt-vitamin B12 deficient sheep. <i>British Journal of Nutrition</i> , 1990, 64, 721-732. | 2.3 | 61 |
| 69 | Determination of trace amounts of cobalt in feed grains and forages by solvent extraction and graphite furnace atomic absorption spectrometry. <i>Analyst, The</i> , 1990, 115, 1323. | 3.5 | 19 |
| 70 | Method Validation and Quality Assurance/Quality Control Approaches for Multi-residue Methods. , 0, 549-574. | | 0 |