

Christopher Elliott

List of Publications by Year in descending order

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Version: 2024-02-01

224
papers

9,794
citations

34105

52
h-index

56724

83
g-index

229
all docs

229
docs citations

229
times ranked

10485
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Authentication of organically grown vegetables by the application of ambient mass spectrometry and inductively coupled plasma (ICP) mass spectrometry; The leek case study. <i>Food Chemistry</i> , 2022, 370, 130851. | 8.2 | 10 |
| 2 | Comparison of LC-ESI, DART, and ASAP for the analysis of oligomers migration from biopolymer food packaging materials in food (simulants). <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 1335-1345. | 3.7 | 10 |
| 3 | Consumer trust in organic food and organic certifications in four European countries. <i>Food Control</i> , 2022, 133, 108484. | 5.5 | 49 |
| 4 | Development and validation of a rapid LC-MS/MS method for the confirmatory analysis of the bound residues of eight nitrofurans in meat using microwave reaction. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 1375-1388. | 3.7 | 15 |
| 5 | Development and validation of a quantitative method for 15 antiviral drugs in poultry muscle using liquid chromatography coupled to tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2022, 1665, 462793. | 3.7 | 2 |
| 6 | Consumers' perceptions and willingness to purchase pork labelled "raised without antibiotics". <i>Appetite</i> , 2022, 171, 105900. | 3.7 | 12 |
| 7 | Handheld SERS coupled with QuEChERS for the sensitive analysis of multiple pesticides in basmati rice. <i>Npj Science of Food</i> , 2022, 6, 3. | 5.5 | 14 |
| 8 | Metabolomic profiling to detect different forms of beef fraud using rapid evaporative ionisation mass spectrometry (REIMS). <i>Npj Science of Food</i> , 2022, 6, 9. | 5.5 | 11 |
| 9 | MRM3-based UHPLC-MS/MS method for quantitation of total florfenicol residue content in milk and withdrawal study profile of milk from treated cows. <i>Food Chemistry</i> , 2022, 379, 132070. | 8.2 | 7 |
| 10 | Identification of milk from different animal and plant sources by desorption electrospray ionisation high-resolution mass spectrometry (DESI-MS). <i>Npj Science of Food</i> , 2022, 6, 14. | 5.5 | 13 |
| 11 | 36-fold higher estimate of deaths attributable to red meat intake in GBD 2019: is this reliable?. <i>Lancet, The</i> , 2022, 399, e23-e26. | 13.7 | 27 |
| 12 | The evolution of multiplex detection of mycotoxins using immunoassay platform technologies. <i>Journal of Hazardous Materials</i> , 2022, 432, 128706. | 12.4 | 38 |
| 13 | Elementomics combined with dd-SIMCA and K-NN to identify the geographical origin of rice samples from China, India, and Vietnam. <i>Food Chemistry</i> , 2022, 386, 132738. | 8.2 | 15 |
| 14 | Consumer purchase intention towards a quick response (QR) code for antibiotic information: an exploratory study. <i>Npj Science of Food</i> , 2022, 6, 23. | 5.5 | 4 |
| 15 | The detection and determination of adulterants in turmeric using fourier-transform infrared (FTIR) spectroscopy coupled to chemometric analysis and micro-FTIR imaging. <i>Food Control</i> , 2022, 139, 109093. | 5.5 | 17 |
| 16 | The General Growth Tendency: A tool to improve publication trend reporting by removing record inflation bias and enabling quantitative trend analysis. <i>PLoS ONE</i> , 2022, 17, e0268433. | 2.5 | 2 |
| 17 | Effective approaches for early identification and proactive mitigation of aflatoxins in peanuts: An EU-China perspective. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2022, 21, 3227-3243. | 11.7 | 5 |
| 18 | Smartphone-based magneto-immunosensor on carbon black modified screen-printed electrodes for point-of-need detection of aflatoxin B1 in cereals. <i>Analytica Chimica Acta</i> , 2022, 1221, 340118. | 5.4 | 20 |

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|----|--|------|-----------|
| 19 | Verification of Bound Aminoguanidine as the Marker Residue for the Banned Antibiotic, Nitrovin, in Pig Tissues. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 7248-7257. | 5.2 | 2 |
| 20 | An Interlaboratory Comparison Study of Regulated and Emerging Mycotoxins Using Liquid Chromatography Mass Spectrometry: Challenges and Future Directions of Routine Multi-Mycotoxin Analysis including Emerging Mycotoxins. <i>Toxins</i> , 2022, 14, 405. | 3.4 | 3 |
| 21 | The 11 sins of seafood: Assessing a decade of food fraud reports in the global supply chain. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2022, 21, 3746-3769. | 11.7 | 20 |
| 22 | Analysis of aflatoxins and ochratoxin a in chilli powder using ultrahigh performance liquid chromatography with fluorescence detection and tandem mass spectrometry. <i>Mycotoxin Research</i> , 2022, 38, 193-203. | 2.3 | 10 |
| 23 | First Report of the Co-occurrence of Cylindrospermopsin, Nodularin and Microcystins in the Freshwaters of Lake Victoria, Tanzania. <i>Exposure and Health</i> , 2021, 13, 185-194. | 4.9 | 14 |
| 24 | Metabolomic fingerprinting of volatile organic compounds for the geographical discrimination of rice samples from China, Vietnam and India. <i>Food Chemistry</i> , 2021, 334, 127553. | 8.2 | 54 |
| 25 | Laboratory investigations into the cause of multiple serious and fatal food poisoning incidents in Uganda during 2019. <i>Food Control</i> , 2021, 121, 107648. | 5.5 | 17 |
| 26 | A rapid food chain approach for authenticity screening: The development, validation and transferability of a chemometric model using two handheld near infrared spectroscopy (NIRS) devices. <i>Talanta</i> , 2021, 222, 121533. | 5.5 | 37 |
| 27 | Tropane alkaloid contamination of agricultural commodities and food products in relation to consumer health: Learnings from the 2019 Uganda food aid outbreak. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2021, 20, 501-525. | 11.7 | 23 |
| 28 | Assessing differences in levels of food trust between European countries. <i>Food Control</i> , 2021, 120, 107561. | 5.5 | 10 |
| 29 | Garlic adulteration detection using NIR and FTIR spectroscopy and chemometrics. <i>Journal of Food Composition and Analysis</i> , 2021, 96, 103757. | 3.9 | 26 |
| 30 | The potential of handheld near infrared spectroscopy to detect food adulteration: Results of a global, multi-instrument inter-laboratory study. <i>Food Chemistry</i> , 2021, 353, 128718. | 8.2 | 18 |
| 31 | Gold Nanozymes: From Concept to Biomedical Applications. <i>Nano-Micro Letters</i> , 2021, 13, 10. | 27.0 | 150 |
| 32 | Food Fingerprinting: Using a Two-Tiered approach to Monitor and Mitigate Food Fraud in Rice. <i>Journal of AOAC INTERNATIONAL</i> , 2021, 104, 16-28. | 1.5 | 14 |
| 33 | Decontamination of aflatoxin B1 in peanuts using various cooking methods. <i>Journal of Food Science and Technology</i> , 2021, 58, 2547-2554. | 2.8 | 9 |
| 34 | Sino-EU Intergovernmental Collaboration in the Campaign Against the COVID-19 Pandemic on Food via EU-China-Safe Framework. <i>China CDC Weekly</i> , 2021, 3, 39-40. | 2.3 | 1 |
| 35 | Food Safety Strategies: The One Health Approach to Global Challenges and China's Actions. <i>China CDC Weekly</i> , 2021, 3, 507-513. | 2.3 | 7 |
| 36 | Catalytic gold nanostars for SERS-based detection of mercury ions (Hg ²⁺) with inverse sensitivity. <i>Environmental Science: Nano</i> , 2021, 8, 2718-2730. | 4.3 | 29 |

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|----|--|------|-----------|
| 37 | Development and validation of a liquid chromatographic tandem mass spectrometric method for the analysis of patulin in apple and apple juice. <i>Mycotoxin Research</i> , 2021, 37, 119-127. | 2.3 | 7 |
| 38 | A comprehensive review of food fraud terminologies and food fraud mitigation guides. <i>Food Control</i> , 2021, 120, 107516. | 5.5 | 56 |
| 39 | Natural Co-Occurrence of Multiple Mycotoxins in Unprocessed Oats Grown in Ireland with Various Production Systems. <i>Toxins</i> , 2021, 13, 188. | 3.4 | 20 |
| 40 | Validation of FASTFISH-ID: A new commercial platform for rapid fish species authentication via universal closed-tube barcoding. <i>Food Research International</i> , 2021, 141, 110035. | 6.2 | 8 |
| 41 | A two-tiered system of analysis to tackle rice fraud: The Indian Basmati study. <i>Talanta</i> , 2021, 225, 122038. | 5.5 | 10 |
| 42 | Assessment of the Analytical Performance of Three Near-Infrared Spectroscopy Instruments (Benchtop, Handheld and Portable) through the Investigation of Coriander Seed Authenticity. <i>Foods</i> , 2021, 10, 956. | 4.3 | 22 |
| 43 | A plasmonic biosensor array exploiting plasmon coupling between gold nanorods and spheres for domoic acid detection via two methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 252, 119473. | 3.9 | 2 |
| 44 | Metataxonomic analysis of bacterial communities and mycotoxin reduction during processing of three millet varieties into ogi, a fermented cereal beverage. <i>Food Research International</i> , 2021, 143, 110241. | 6.2 | 12 |
| 45 | Highly sensitive electrochemical detection of the marine toxins okadaic acid and domoic acid with carbon black modified screen printed electrodes. <i>Talanta</i> , 2021, 228, 122215. | 5.5 | 30 |
| 46 | ASSURED Point-of-Need Food Safety Screening: A Critical Assessment of Portable Food Analyzers. <i>Foods</i> , 2021, 10, 1399. | 4.3 | 28 |
| 47 | Redefining dilute and shoot: The evolution of the technique and its application in the analysis of foods and biological matrices by liquid chromatography mass spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 141, 116284. | 11.4 | 61 |
| 48 | The identification of beef crimes and the creation of a bespoke beef crimes risk assessment tool. <i>Food Control</i> , 2021, 126, 107980. | 5.5 | 3 |
| 49 | A review of mycotoxin biosynthetic pathways: associated genes and their expressions under the influence of climatic factors. <i>Fungal Biology Reviews</i> , 2021, 37, 8-26. | 4.7 | 28 |
| 50 | Rice fraud a global problem: A review of analytical tools to detect species, country of origin and adulterations. <i>Trends in Food Science and Technology</i> , 2021, 116, 36-46. | 15.1 | 30 |
| 51 | Development of a microarray lateral flow strip test using a luminescent organic compound for multiplex detection of five mycotoxins. <i>Talanta</i> , 2021, 233, 122540. | 5.5 | 31 |
| 52 | Changes in Consumers' Food Practices during the COVID-19 Lockdown, Implications for Diet Quality and the Food System: A Cross-Continental Comparison. <i>Nutrients</i> , 2021, 13, 20. | 4.1 | 93 |
| 53 | Immuno-Enriched Microspheres - Magnetic Blade Spray-Tandem Mass Spectrometry for Domoic Acid in Mussels. <i>Analytical Chemistry</i> , 2021, 93, 15736-15743. | 6.5 | 10 |
| 54 | 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 |

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|----|--|------|-----------|
| 55 | Agronomic Factors Influencing the Scale of Fusarium Mycotoxin Contamination of Oats. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 965. | 3.5 | 7 |
| 56 | A Comparative Review of the Effect of Microcystin-LR on the Proteome. <i>Exposure and Health</i> , 2020, 12, 111-129. | 4.9 | 27 |
| 57 | Towards a dietary-exposome assessment of chemicals in food: An update on the chronic health risks for the European consumer. <i>Critical Reviews in Food Science and Nutrition</i> , 2020, 60, 1890-1911. | 10.3 | 43 |
| 58 | Potential adverse effects on animal health and performance caused by the addition of mineral adsorbents to feeds to reduce mycotoxin exposure. <i>Mycotoxin Research</i> , 2020, 36, 115-126. | 2.3 | 61 |
| 59 | Worldwide contamination of food-crops with mycotoxins: Validity of the widely cited "FAO estimate" of 25%. <i>Critical Reviews in Food Science and Nutrition</i> , 2020, 60, 2773-2789. | 10.3 | 656 |
| 60 | Global Sourcing of Low-Inorganic Arsenic Rice Grain. <i>Exposure and Health</i> , 2020, 12, 711-719. | 4.9 | 43 |
| 61 | Oral Microcystin-LR Does Not Cause Hepatotoxicity in Pigs: Is the Risk of Microcystin-LR Overestimated?. <i>Exposure and Health</i> , 2020, 12, 775-792. | 4.9 | 2 |
| 62 | The development and validation of a toolkit to measure consumer trust in food. <i>Food Control</i> , 2020, 110, 106988. | 5.5 | 21 |
| 63 | Recent food safety and fraud issues within the dairy supply chain (2015-2019). <i>Global Food Security</i> , 2020, 26, 100447. | 8.1 | 53 |
| 64 | Low Doses of Mycotoxin Mixtures below EU Regulatory Limits Can Negatively Affect the Performance of Broiler Chickens: A Longitudinal Study. <i>Toxins</i> , 2020, 12, 433. | 3.4 | 30 |
| 65 | Development and validation of a multiresidue method for pesticides and selected veterinary drugs in animal feed using liquid- and gas chromatography with tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2020, 1627, 461416. | 3.7 | 19 |
| 66 | Evaluating the Residual Nitrite Concentrations of Bacon in the United Kingdom. <i>Foods</i> , 2020, 9, 916. | 4.3 | 7 |
| 67 | The Detection of Substitution Adulteration of Paprika with Spent Paprika by the Application of Molecular Spectroscopy Tools. <i>Foods</i> , 2020, 9, 944. | 4.3 | 15 |
| 68 | Recent advances and remaining barriers to producing novel formulations of fungicides for safe and sustainable agriculture. <i>Journal of Controlled Release</i> , 2020, 326, 468-481. | 9.9 | 78 |
| 69 | Novel decontamination approaches and their potential application for post-harvest aflatoxin control. <i>Trends in Food Science and Technology</i> , 2020, 106, 489-496. | 15.1 | 48 |
| 70 | A Randomized Combined Channel Approach for the Quantification of Color- and Intensity-Based Assays with Smartphones. <i>Analytical Chemistry</i> , 2020, 92, 7852-7860. | 6.5 | 30 |
| 71 | Amalgamated gold-nanoalloys with enhanced catalytic activity for the detection of mercury ions (Hg ²⁺) in seawater samples. <i>Nano Research</i> , 2020, 13, 989-998. | 10.4 | 40 |
| 72 | Rice Grain Cadmium Concentrations in the Global Supply-Chain. <i>Exposure and Health</i> , 2020, 12, 869-876. | 4.9 | 63 |

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|----|--|------|-----------|
| 73 | The benefits of carbon black, gold and magnetic nanomaterials for point-of-harvest electrochemical quantification of domoic acid. <i>Mikrochimica Acta</i> , 2020, 187, 164. | 5.0 | 19 |
| 74 | A 20-year analysis of reported food fraud in the global beef supply chain. <i>Food Control</i> , 2020, 116, 107310. | 5.5 | 41 |
| 75 | Determination of 42 mycotoxins in oats using a mechanically assisted QuEChERS sample preparation and UHPLC-MS/MS detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1150, 122187. | 2.3 | 11 |
| 76 | Ambient mass spectrometry as a tool for a rapid and simultaneous determination of migrants coming from a bamboo-based biopolymer packaging. <i>Journal of Hazardous Materials</i> , 2020, 398, 122891. | 12.4 | 18 |
| 77 | Food fraud data collection needs survey. <i>Npj Science of Food</i> , 2019, 3, 8. | 5.5 | 18 |
| 78 | A holistic study to understand the detoxification of mycotoxins in maize and impact on its molecular integrity using cold atmospheric plasma treatment. <i>Food Chemistry</i> , 2019, 301, 125281. | 8.2 | 71 |
| 79 | Hydrophilic Divinylbenzene for Equilibrium Sorption of Emerging Organic Contaminants in Aquatic Matrices. <i>Environmental Science & Technology</i> , 2019, 53, 10803-10812. | 10.0 | 7 |
| 80 | A Review of the In Vivo Evidence Investigating the Role of Nitrite Exposure from Processed Meat Consumption in the Development of Colorectal Cancer. <i>Nutrients</i> , 2019, 11, 2673. | 4.1 | 61 |
| 81 | Rapid and nondestructive fraud detection of palm oil adulteration with Sudan dyes using portable NIR spectroscopic techniques. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2019, 36, 1589-1596. | 2.3 | 24 |
| 82 | Friends or Foes? Emerging Impacts of Biological Toxins. <i>Trends in Biochemical Sciences</i> , 2019, 44, 365-379. | 7.5 | 43 |
| 83 | The application of public policy theory to the emerging food fraud risk: Next steps. <i>Trends in Food Science and Technology</i> , 2019, 85, 116-128. | 15.1 | 38 |
| 84 | Occurrence and Human-Health Impacts of Mycotoxins in Somalia. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 2052-2060. | 5.2 | 47 |
| 85 | The use of trade data to predict the source and spread of food safety outbreaks: An innovative mathematical modelling approach. <i>Food Research International</i> , 2019, 123, 712-721. | 6.2 | 9 |
| 86 | The Health Promoting Bioactivities of <i>Lactuca sativa</i> can be Enhanced by Genetic Modulation of Plant Secondary Metabolites. <i>Metabolites</i> , 2019, 9, 97. | 2.9 | 16 |
| 87 | Detection of tetrodotoxins in juvenile pufferfish <i>Lagocephalus sceleratus</i> (Gmelin, 1789) from the North Aegean Sea (Greece) by an electrochemical magnetic bead-based immunosensing tool. <i>Food Chemistry</i> , 2019, 290, 255-262. | 8.2 | 30 |
| 88 | Rapid detection and specific identification of offals within minced beef samples utilising ambient mass spectrometry. <i>Scientific Reports</i> , 2019, 9, 6295. | 3.3 | 38 |
| 89 | The Rapid Detection of Sage Adulteration Using Fourier Transform Infra-Red (FTIR) Spectroscopy and Chemometrics. <i>Journal of AOAC INTERNATIONAL</i> , 2019, 102, 354-362. | 1.5 | 9 |
| 90 | Innovative and rapid analysis for rice authenticity using hand-held NIR spectrometry and chemometrics. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 217, 147-154. | 3.9 | 92 |

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|-----|---|------|-----------|
| 91 | Current trends in rapid tests for mycotoxins. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2019, 36, 800-814. | 2.3 | 57 |
| 92 | Simultaneous authentication of species identity and geographical origin of shrimps: Untargeted metabolomics to recurrent biomarker ions. Journal of Chromatography A, 2019, 1599, 75-84. | 3.7 | 34 |
| 93 | Comparative In Vitro Assessment of a Range of Commercial Feed Additives with Multiple Mycotoxin Binding Claims. Toxins, 2019, 11, 659. | 3.4 | 36 |
| 94 | Global metabolite profiles of rice brown planthopper-resistant traits reveal potential secondary metabolites for both constitutive and inducible defenses. Metabolomics, 2019, 15, 151. | 3.0 | 13 |
| 95 | The Efficiency of Color Space Channels to Quantify Color and Color Intensity Change in Liquids, pH Strips, and Lateral Flow Assays with Smartphones. Sensors, 2019, 19, 5104. | 3.8 | 30 |
| 96 | Electrochemical nanoprobe-based immunosensor for deoxynivalenol mycotoxin residues analysis in wheat samples. Analytical and Bioanalytical Chemistry, 2019, 411, 1915-1926. | 3.7 | 25 |
| 97 | The feasibility of applying NIR and FT-IR fingerprinting to detect adulteration in black pepper. Food Control, 2019, 100, 1-7. | 5.5 | 89 |
| 98 | Unusual switchable peroxidase-mimicking nanozyme for the determination of proteolytic biomarker. Nano Research, 2019, 12, 509-516. | 10.4 | 45 |
| 99 | Food fraud in oregano: Pesticide residues as adulteration markers. Food Chemistry, 2019, 276, 726-734. | 8.2 | 34 |
| 100 | What are the scientific challenges in moving from targeted to non-targeted methods for food fraud testing and how can they be addressed? ¹³ Spectroscopy case study. Trends in Food Science and Technology, 2018, 76, 38-55. | 15.1 | 130 |
| 101 | Advanced LC-MS-based methods to study the co-occurrence and metabolization of multiple mycotoxins in cereals and cereal-based food. Analytical and Bioanalytical Chemistry, 2018, 410, 801-825. | 3.7 | 113 |
| 102 | Herb and spice fraud; the drivers, challenges and detection. Food Control, 2018, 88, 85-97. | 5.5 | 145 |
| 103 | Rapid screening and multi-toxin profile confirmation of tetrodotoxins and analogues in human body fluids derived from a puffer fish poisoning incident in New Caledonia. Food and Chemical Toxicology, 2018, 112, 188-193. | 3.6 | 14 |
| 104 | Quantitation of saxitoxin in human urine using immunocapture extraction and LC-MS. Bioanalysis, 2018, 10, 229-239. | 1.5 | 10 |
| 105 | Exploring consumer purchase intentions towards traceable minced beef and beef steak using the theory of planned behavior. Food Control, 2018, 91, 138-147. | 5.5 | 66 |
| 106 | Uptake and accumulation of Microcystin-LR based on exposure through drinking water: An animal model assessing the human health risk. Scientific Reports, 2018, 8, 4913. | 3.3 | 60 |
| 107 | Development and in-house validation of a rapid and simple to use ELISA for the detection and measurement of the mycotoxin sterigmatocystin. Analytical and Bioanalytical Chemistry, 2018, 410, 3017-3023. | 3.7 | 22 |
| 108 | Development of a comprehensive analytical platform for the detection and quantitation of food fraud using a biomarker approach. The oregano adulteration case study. Food Chemistry, 2018, 239, 32-39. | 8.2 | 60 |

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|-----|--|------|-----------|
| 109 | Self-assembled monolayer-based immunoassays for okadaic acid detection in seawater as monitoring tools. <i>Marine Environmental Research</i> , 2018, 133, 6-14. | 2.5 | 18 |
| 110 | Development and validation of a maleimide-based enzyme-linked immunosorbent assay for the detection of tetrodotoxin in oysters and mussels. <i>Talanta</i> , 2018, 176, 659-666. | 5.5 | 25 |
| 111 | Pixel-wise Illumination Correction Algorithms for Relative Color Constancy Under the Spectral Domain. , 2018, , . | | 3 |
| 112 | Chemoprevention in BRCA1 mutation carriers (CIBRAC): protocol for an open allocation crossover feasibility trial assessing mechanisms of chemoprevention with goserelin and anastrozole versus tamoxifen and acceptability of treatment. <i>BMJ Open</i> , 2018, 8, e023115. | 1.9 | 3 |
| 113 | Assessing the combined toxicity of the natural toxins, aflatoxin B1, fumonisin B1 and microcystin-LR by high content analysis. <i>Food and Chemical Toxicology</i> , 2018, 121, 527-540. | 3.6 | 20 |
| 114 | “The Smartphone’s Guide to the Galaxy” In Situ Analysis in Space. <i>Biosensors</i> , 2018, 8, 96. | 4.7 | 14 |
| 115 | An Innovative Portable Biosensor System for the Rapid Detection of Freshwater Cyanobacterial Algal Bloom Toxins. <i>Environmental Science & Technology</i> , 2018, 52, 11691-11698. | 10.0 | 29 |
| 116 | Detection of Refined Sunflower and Rapeseed Oil Addition in Cold Pressed Rapeseed Oil Using Mid Infrared and Raman Spectroscopy. <i>European Journal of Lipid Science and Technology</i> , 2018, 120, 1700472. | 1.5 | 12 |
| 117 | DIVA metabolomics: Differentiating vaccination status following viral challenge using metabolomic profiles. <i>PLoS ONE</i> , 2018, 13, e0194488. | 2.5 | 3 |
| 118 | The seafood supply chain from a fraudulent perspective. <i>Food Security</i> , 2018, 10, 939-963. | 5.3 | 91 |
| 119 | Addressing Global Ruminant Agricultural Challenges Through Understanding the Rumen Microbiome: Past, Present, and Future. <i>Frontiers in Microbiology</i> , 2018, 9, 2161. | 3.5 | 255 |
| 120 | The scientific challenges in moving from targeted to non-targeted mass spectrometric methods for food fraud analysis: A proposed validation workflow to bring about a harmonized approach. <i>Trends in Food Science and Technology</i> , 2018, 80, 223-241. | 15.1 | 109 |
| 121 | Assessing the mycotoxicological risk from consumption of complementary foods by infants and young children in Nigeria. <i>Food and Chemical Toxicology</i> , 2018, 121, 37-50. | 3.6 | 72 |
| 122 | High-Throughput Sequence Analyses of Bacterial Communities and Multi-Mycotoxin Profiling During Processing of Different Formulations of Kunu, a Traditional Fermented Beverage. <i>Frontiers in Microbiology</i> , 2018, 9, 3282. | 3.5 | 45 |
| 123 | Development of Antibodies and Immunoassays for Monitoring of Nitrofurantoin Antibiotics in the Food Chain. <i>Current Organic Chemistry</i> , 2018, 21, . | 1.6 | 5 |
| 124 | Food colors: Existing and emerging food safety concerns. <i>Critical Reviews in Food Science and Nutrition</i> , 2017, 57, 524-548. | 10.3 | 206 |
| 125 | Feasibility of a novel multispot nanoarray for antibiotic screening in honey. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2017, 34, 562-572. | 2.3 | 7 |
| 126 | Pre-processing effects on cold pressed rapeseed oil quality indicators and phenolic compounds. <i>European Journal of Lipid Science and Technology</i> , 2017, 119, 1600357. | 1.5 | 28 |

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| 127 | Detection of freshwater cyanotoxins and measurement of masked microcystins in tilapia from Southeast Asian aquaculture farms. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 4057-4069. | 3.7 | 45 |
| 128 | Evaluation of tetrodotoxins in puffer fish caught along the Mediterranean coast of Spain. Toxin profile of <i>Lagocephalus sceleratus</i> . <i>Environmental Research</i> , 2017, 158, 1-6. | 7.5 | 47 |
| 129 | Characterization and comparison of UK, Irish, and French cold pressed rapeseed oils with refined rapeseed oils and extra virgin olive oils. <i>European Journal of Lipid Science and Technology</i> , 2017, 119, 1600327. | 1.5 | 17 |
| 130 | Comparative performance of four immunological test kits for the detection of Paralytic Shellfish Toxins in Tasmanian shellfish. <i>Toxicon</i> , 2017, 125, 110-119. | 1.6 | 17 |
| 131 | Development of a nanoarray capable of the rapid and simultaneous detection of zearalenone, T2-toxin and fumonisin. <i>Talanta</i> , 2017, 164, 368-376. | 5.5 | 24 |
| 132 | Distribution of serum levels of persistent organic pollutants, heterocyclic aromatic amine theoretical intake and nutritional cofactors in a semi-rural island population. <i>Environmental Science and Pollution Research</i> , 2017, 24, 22393-22401. | 5.3 | 3 |
| 133 | Immunosensor array platforms based on self-assembled dithiols for the electrochemical detection of tetrodotoxins in puffer fish. <i>Analytica Chimica Acta</i> , 2017, 989, 95-103. | 5.4 | 20 |
| 134 | Four years post-horsegate: an update of measures and actions put in place following the horsemeat incident of 2013. <i>Npj Science of Food</i> , 2017, 1, 5. | 5.5 | 38 |
| 135 | Untargeted metabolomic analysis of human serum samples associated with exposure levels of Persistent organic pollutants indicate important perturbations in Sphingolipids and Glycerophospholipids levels. <i>Chemosphere</i> , 2017, 168, 731-738. | 8.2 | 48 |
| 136 | Untargeted metabolomic analysis of human serum samples associated with different levels of red meat consumption: A possible indicator of type 2 diabetes?. <i>Food Chemistry</i> , 2017, 221, 214-221. | 8.2 | 9 |
| 137 | Endonuclease controlled aggregation of gold nanoparticles for the ultrasensitive detection of pathogenic bacterial DNA. <i>Biosensors and Bioelectronics</i> , 2017, 92, 502-508. | 10.1 | 35 |
| 138 | Evaluation of an alternative spectroscopic approach for aflatoxin analysis: Comparative analysis of food and feed samples with UPLC-MS/MS. <i>Sensors and Actuators B: Chemical</i> , 2017, 239, 1087-1097. | 7.8 | 13 |
| 139 | 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 |
| 140 | Metabolomic Profiling of Bile Acids in Clinical and Experimental Samples of Alzheimer's Disease. <i>Metabolites</i> , 2017, 7, 28. | 2.9 | 102 |
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