

# Yelko RodrÃ-guez Carrasco

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

1,421  
citations

346980

22  
h-index

371746

37  
g-index

47  
all docs

47  
docs citations

47  
times ranked

1658  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Deoxynivalenol contamination in cereal-based foodstuffs from Spain: Systematic review and meta-analysis approach for exposure assessment. <i>Food Control</i> , 2022, 132, 108521.  | 2.8 | 14        |
| 2  | High-Throughput Determination of Major Mycotoxins with Human Health Concerns in Urine by LC-Q TOF MS and Its Application to an Exposure Study. <i>Toxins</i> , 2022, 14, 42.  | 1.5 | 5         |
| 3  | Multiclass and multi-residue screening of mycotoxins, pharmacologically active substances, and pesticides in infant milk formulas through ultra-high-performance liquid chromatography coupled with high-resolution mass spectrometry analysis. <i>Journal of Dairy Science</i> , 2022, 105, 2948-2962. | 1.4 | 15        |
| 4  | Novel quadrupole-time of flight-based methodology for determination of multiple mycotoxins in human hair. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022, 1191, 123117.   | 1.2 | 3         |
| 5  | Effect of Phenolic Extract from Red Beans ( <i>Phaseolus vulgaris</i> L.) on T-2 Toxin-Induced Cytotoxicity in HepG2 Cells. <i>Foods</i> , 2022, 11, 1033.  | 1.9 | 6         |
| 6  | Chemical Composition of Green Pea ( <i>Pisum sativum</i> L.) Pods Extracts and Their Potential Exploitation as Ingredients in Nutraceutical Formulations. <i>Antioxidants</i> , 2022, 11, 105.  | 2.2 | 13        |
| 7  | Foodomics: Current and Future Perspectives in Food Analysis. <i>Foods</i> , 2022, 11, 1238.   | 1.9 | 2         |
| 8  | Interactions between T-2 toxin and its metabolites in HepG2 cells and in silico approach. <i>Food and Chemical Toxicology</i> , 2021, 148, 111942.  | 1.8 | 9         |
| 9  | Chemical Composition, In Vitro Bioaccessibility and Antioxidant Activity of Polyphenolic Compounds from Nutraceutical Fennel Waste Extract. <i>Molecules</i> , 2021, 26, 1968.  | 1.7 | 24        |
| 10 | Mycotoxin Occurrence and Risk Assessment in Gluten-Free Pasta through UHPLC-Q-Exactive Orbitrap MS. <i>Toxins</i> , 2021, 13, 305.  | 1.5 | 12        |
| 11 | Citrinin Dietary Exposure Assessment Approach through Human Biomonitoring High-Resolution Mass Spectrometry-Based Data. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 6330-6338.  | 2.4 | 11        |
| 12 | Cytoprotective Effects of Fish Protein Hydrolysates against H <sub>2</sub> O <sub>2</sub> -Induced Oxidative Stress and Mycotoxins in Caco-2/TC7 Cells. <i>Antioxidants</i> , 2021, 10, 975.  | 2.2 | 8         |
| 13 | Biological activity and toxicity of plant nutraceuticals: an overview. <i>Current Opinion in Food Science</i> , 2021, 42, 113-118.  | 4.1 | 31        |
| 14 | Colon Bioaccessibility under In Vitro Gastrointestinal Digestion of Different Coffee Brews Chemically Profiled through UHPLC-Q-Orbitrap HRMS. <i>Foods</i> , 2021, 10, 179.   | 1.9 | 20        |
| 15 | Human Biomonitoring of T-2 Toxin, T-2 Toxin-3-Glucoside and Their Metabolites in Urine through High-Resolution Mass Spectrometry. <i>Toxins</i> , 2021, 13, 869.  | 1.5 | 2         |
| 16 | Target analysis and retrospective screening of mycotoxins and pharmacologically active substances in milk using an ultra-high-performance liquid chromatography/high-resolution mass spectrometry approach. <i>Journal of Dairy Science</i> , 2020, 103, 1250-1260.                                     | 1.4 | 25        |
| 17 | Colon Bioaccessibility under In Vitro Gastrointestinal Digestion of a Red Cabbage Extract Chemically Profiled through UHPLC-Q-Orbitrap HRMS. <i>Antioxidants</i> , 2020, 9, 955.  | 2.2 | 21        |
| 18 | T-2 toxin and its metabolites: Characterization, cytotoxic mechanisms and adaptive cellular response in human hepatocarcinoma (HepG2) cells. <i>Food and Chemical Toxicology</i> , 2020, 145, 111654.   | 1.8 | 21        |

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|----|--|-----|-----------|
| 19 | Occurrence and Exposure Assessment of Mycotoxins in Ready-to-Eat Tree Nut Products through Ultra-High Performance Liquid Chromatography Coupled with High Resolution Q-Orbitrap Mass Spectrometry. <i>Metabolites</i> , 2020, 10, 344.               | 1.3 | 10        |
| 20 | Biomonitoring of Enniatin B1 and Its Phase I Metabolites in Human Urine: First Large-Scale Study. <i>Toxins</i> , 2020, 12, 415.   | 1.5 | 14        |
| 21 | Target Quantification and Semi-Target Screening of Undesirable Substances in Pear Juices Using Ultra-High-Performance Liquid Chromatography-Quadrupole Orbitrap Mass Spectrometry. <i>Foods</i> , 2020, 9, 841.                                      | 1.9 | 5         |
| 22 | Ultra-High-Performance Liquid Chromatography Coupled with Quadrupole Orbitrap High-Resolution Mass Spectrometry for Multi-Residue Analysis of Mycotoxins and Pesticides in Botanical Nutraceuticals. <i>Toxins</i> , 2020, 12, 114.                  | 1.5 | 43        |
| 23 | Analysis of Phenolic Compounds in Commercial Cannabis sativa L. Inflorescences Using UHPLC-Q-Orbitrap HRMS. <i>Molecules</i> , 2020, 25, 631.  | 1.7 | 76        |
| 24 | Target Analysis and Retrospective Screening of Multiple Mycotoxins in Pet Food Using UHPLC-Q-Orbitrap HRMS. <i>Toxins</i> , 2019, 11, 434.   | 1.5 | 29        |
| 25 | Identification and Quantification of Enniatins and Beauvericin in Animal Feeds and Their Ingredients by LC-QTRAP/MS/MS. <i>Metabolites</i> , 2019, 9, 33.  | 1.3 | 28        |
| 26 | Transfer of Fusarium mycotoxins from malt to boiled wort. <i>Food Chemistry</i> , 2019, 278, 700-710.  | 4.2 | 11        |
| 27 | Development of an UHPLC-Q-Orbitrap HRMS method for simultaneous determination of mycotoxins and isoflavones in soy-based burgers. <i>LWT - Food Science and Technology</i> , 2019, 99, 34-42.  | 2.5 | 28        |
| 28 | Determination of trichothecenes in chicken liver using gas chromatography coupled with triple-quadrupole mass spectrometry. <i>LWT - Food Science and Technology</i> , 2018, 93, 237-242.  | 2.5 | 22        |
| 29 | Fast analysis of polyphenols and alkaloids in cocoa-based products by ultra-high performance liquid chromatography and Orbitrap high resolution mass spectrometry (UHPLC-Q-Orbitrap-MS/MS). <i>Food Research International</i> , 2018, 111, 229-236. | 2.9 | 46        |
| 30 | Urinary levels of enniatin B and its phase I metabolites: First human pilot biomonitoring study. <i>Food and Chemical Toxicology</i> , 2018, 118, 454-459.   | 1.8 | 23        |
| 31 | Simultaneous Determination of AFB1 and AFM1 in Milk Samples by Ultra High Performance Liquid Chromatography Coupled to Quadrupole Orbitrap Mass Spectrometry. <i>Beverages</i> , 2018, 4, 43.  | 1.3 | 27        |
| 32 | Development of microextraction techniques in combination with GC-MS/MS for the determination of mycotoxins and metabolites in human urine. <i>Journal of Separation Science</i> , 2017, 40, 1572-1582.   | 1.3 | 39        |
| 33 | The Natural Fungal Metabolite Beauvericin Exerts Anticancer Activity In Vivo: A Pre-Clinical Pilot Study. <i>Toxins</i> , 2017, 9, 258.  | 1.5 | 22        |
| 34 | Development and Validation of a LC-ESI-MS/MS Method for the Determination of Alternaria Toxins Alternariol, Alternariol Methyl-Ether and Tentoxin in Tomato and Tomato-Based Products. <i>Toxins</i> , 2016, 8, 328.                                 | 1.5 | 54        |
| 35 | Mouse tissue distribution and persistence of the food-born fusariotoxins Enniatin B and Beauvericin. <i>Toxicology Letters</i> , 2016, 247, 35-44.   | 0.4 | 51        |
| 36 | Occurrence of Fusarium mycotoxins and their dietary intake through beer consumption by the European population. <i>Food Chemistry</i> , 2015, 178, 149-155.  | 4.2 | 81        |

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|----|---|-----|-----------|
| 37 | Preliminary Estimation of Deoxynivalenol Excretion through a 24 h Pilot Study. <i>Toxins</i> , 2015, 7, 705-718.  | 1.5 | 25        |
| 38 | A preliminary study in Wistar rats with enniatin A contaminated feed. <i>Toxicology Mechanisms and Methods</i> , 2014, 24, 179-190.   | 1.3 | 30        |
| 39 | A survey of trichothecenes, zearalenone and patulin in milled grain-based products using GC-MS/MS. <i>Food Chemistry</i> , 2014, 146, 212-219.  | 4.2 | 99        |
| 40 | Quantitative determination of trichothecenes in breadsticks by gas chromatography-triple quadrupole tandem mass spectrometry. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2014, 31, 1422-1430. | 1.1 | 18        |
| 41 | Exposure assessment approach through mycotoxin/creatinine ratio evaluation in urine by GC-MS/MS. <i>Food and Chemical Toxicology</i> , 2014, 72, 69-75.   | 1.8 | 71        |
| 42 | Development of a GC-MS/MS strategy to determine 15 mycotoxins and metabolites in human urine. <i>Talanta</i> , 2014, 128, 125-131.  | 2.9 | 76        |
| 43 | Determination of Mycotoxins in Bee Pollen by Gas Chromatography-Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 1999-2005.  | 2.4 | 44        |
| 44 | Exposure estimates to Fusarium mycotoxins through cereals intake. <i>Chemosphere</i> , 2013, 93, 2297-2303.   | 4.2 | 89        |
| 45 | Multi-mycotoxin analysis in wheat semolina using an acetonitrile-based extraction procedure and gas chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2012, 1270, 28-40.  | 1.8 | 100       |
| 46 | Determination of indoor air quality of a phytosanitary plant. <i>Analytica Chimica Acta</i> , 2011, 694, 67-74.   | 2.6 | 15        |