Yelko RodrÃ-guez Carrasco

List of Publications by Year
in descending order

46 papers	1,421 citations	304743 22 h-index	330143 37 g-index
47 all docs	47 docs citations	47 times ranked	1548 citing authors

#	Article	IF	Citations
1	Multi-mycotoxin analysis in wheat semolina using an acetonitrile-based extraction procedure and gas chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2012, 1270, 28-40.	3.7	100
2	A survey of trichothecenes, zearalenone and patulin in milled grain-based products using GCâ€“MS/MS. Food Chemistry, 2014, 146, 212-219.	8.2	99
3	Exposure estimates to Fusarium mycotoxins through cereals intake. Chemosphere, 2013, 93, 2297-2303.	8.2	89
4	Occurrence of Fusarium mycotoxins and their dietary intake through beer consumption by the European population. Food Chemistry, 2015, 178, 149-155.	8.2	81
5	Development of a GCâ€“MS/MS strategy to determine 15 mycotoxins and metabolites in human urine. Talanta, 2014, 128, 125-131.	5.5	76
6	Analysis of Phenolic Compounds in Commercial Cannabis sativa L. Inflorescences Using UHPLC-Q-Orbitrap HRMS. Molecules, 2020, 25, 631.	3.8	76
7	Exposure assessment approach through mycotoxin/creatinine ratio evaluation in urine by GCâ€“MS/MS. Food and Chemical Toxicology, 2014, 72, 69-75.	3.6	71
8	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. Toxins, 2016, 8, 328.	3.4	54
9	Mouse tissue distribution and persistence of the food-born fusariotoxins Enniatin B and Beauvericin. Toxicology Letters, 2016, 247, 35-44.	0.8	51
10	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). Food Research International, 2018, 111, 229-236.	6.2	46
11	Determination of Mycotoxins in Bee Pollen by Gas Chromatographyâ€“Tandem Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2013, 61, 1999-2005.	5.2	44
12	Ultra-High-Performance Liquid Chromatography Coupled with Quadrupole Orbitrap High-Resolution Mass Spectrometry for Multi-Residue Analysis of Mycotoxins and Pesticides in Botanical Nutraceuticals. Toxins, 2020, 12, 114.	3.4	43
13	Development of microextraction techniques in combination with GC-MS/MS for the determination of mycotoxins and metabolites in human urine. Journal of Separation Science, 2017, 40, 1572-1582.	2.5	39
14	Biological activity and toxicity of plant nutraceuticals: an overview. Current Opinion in Food Science, 2021, 42, 113-118.	8.0	31
15	A preliminary study in Wistar rats with enniatin A contaminated feed. Toxicology Mechanisms and Methods, 2014, 24, 179-190.	2.7	30
16	Target Analysis and Retrospective Screening of Multiple Mycotoxins in Pet Food Using UHPLC-Q-Orbitrap HRMS. Toxins, 2019, 11, 434.	3.4	29
17	Identification and Quantification of Enniatins and Beauvericin in Animal Feeds and Their Ingredients by LC-QTRAP/MS/MS. Metabolites, 2019, 9, 33.	2.9	28
18	Development of an UHPLC-Q-Orbitrap HRMS method for simultaneous determination of mycotoxins and isoflavones in soy-based burgers. LWT - Food Science and Technology, 2019, 99, 34-42.	5.2	28

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19	Simultaneous Determination of AFB1 and AFM1 in Milk Samples by Ultra High Performance Liquid Chromatography Coupled to Quadrupole Orbitrap Mass Spectrometry. Beverages, 2018, 4, 43.	2.8	27
20	Preliminary Estimation of Deoxynivalenol Excretion through a 24 h Pilot Study. Toxins, 2015, 7, 705-718.	3.4	25
21	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. Journal of Dairy Science, 2020, 103, 1250-1260.	3.4	25
22	Chemical Composition, In Vitro Bioaccessibility and Antioxidant Activity of Polyphenolic Compounds from Nutraceutical Fennel Waste Extract. Molecules, 2021, 26, 1968.	3.8	24
23	Urinary levels of enniatin B and its phase I metabolites: First human pilot biomonitoring study. Food and Chemical Toxicology, 2018, 118, 454-459.	3.6	23
24	The Natural Fungal Metabolite Beauvericin Exerts Anticancer Activity In Vivo: A Pre-Clinical Pilot Study. Toxins, 2017, 9, 258.	3.4	22
25	Determination of trichothecenes in chicken liver using gas chromatography coupled with triple-quadrupole mass spectrometry. LWT - Food Science and Technology, 2018, 93, 237-242.	5.2	22
26	Colon Bioaccessibility under In Vitro Gastrointestinal Digestion of a Red Cabbage Extract Chemically Profiled through UHPLC-Q-Orbitrap HRMS. Antioxidants, 2020, 9, 955.	5.1	21
27	T-2 toxin and its metabolites: Characterization, cytotoxic mechanisms and adaptive cellular response in human hepatocarcinoma (HepG2) cells. Food and Chemical Toxicology, 2020, 145, 111654.	3.6	21
28	Colon Bioaccessibility under In Vitro Gastrointestinal Digestion of Different Coffee Brews Chemically Profiled through UHPLC-Q-Orbitrap HRMS. Foods, 2021, 10, 179.	4.3	20
29	Quantitative determination of trichothecenes in breadsticks by gas chromatography-triple quadrupole tandem mass spectrometry. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2014, 31, 1422-1430.	2.3	18
30	Determination of indoor air quality of a phytosanitary plant. Analytica Chimica Acta, 2011, 694, 67-74.	5.4	15
31	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. Journal of Dairy Science, 2022, 105, 2948-2962.	3.4	15
32	Biomonitoring of Enniatin B1 and Its Phase I Metabolites in Human Urine: First Large-Scale Study. Toxins, 2020, 12, 415.	3.4	14
33	Deoxynivalenol contamination in cereal-based foodstuffs from Spain: Systematic review and meta-analysis approach for exposure assessment. Food Control, 2022, 132, 108521.	5.5	14
34	Chemical Composition of Green Pea (Pisum sativum L.) Pods Extracts and Their Potential Exploitation as Ingredients in Nutraceutical Formulations. Antioxidants, 2022, 11, 105.	5.1	13
35	Mycotoxin Occurrence and Risk Assessment in Gluten-Free Pasta through UHPLC-Q-Exactive Orbitrap MS. Toxins, 2021, 13, 305.	3.4	12
36	Transfer of Fusarium mycotoxins from malt to boiled wort. Food Chemistry, 2019, 278, 700-710.	8.2	11

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37	Citrinin Dietary Exposure Assessment Approach through Human Biomonitoring High-Resolution Mass Spectrometry-Based Data. Journal of Agricultural and Food Chemistry, 2021, 69, 6330-6338.	5.2	11
38	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. Metabolites, 2020, 10, 344.	2.9	10
39	Interactions between T-2 toxin and its metabolites in HepG2 cells and in silico approach. Food and Chemical Toxicology, 2021, 148, 111942.	3.6	9
40	Cytoprotective Effects of Fish Protein Hydrolysates against H2O2-Induced Oxidative Stress and Mycotoxins in Caco-2/TC7 Cells. Antioxidants, 2021, 10, 975.	5.1	8
41	Effect of Phenolic Extract from Red Beans (Phaseolus vulgaris L.) on T-2 Toxin-Induced Cytotoxicity in HepG2 Cells. Foods, 2022, 11, 1033.	4.3	6
42	Target Quantification and Semi-Target Screening of Undesirable Substances in Pear Juices Using Ultra-High-Performance Liquid Chromatography-Quadrupole Orbitrap Mass Spectrometry. Foods, 2020, 9, 841.	4.3	5
43	High-Throughput Determination of Major Mycotoxins with Human Health Concerns in Urine by LC-Q TOF MS and Its Application to an Exposure Study. Toxins, 2022, 14, 42.	3.4	5
44	Novel quadrupole-time of flight-based methodology for determination of multiple mycotoxins in human hair. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2022, 1191, 123117.	2.3	3
45	Human Biomonitoring of T-2 Toxin, T-2 Toxin-3-Glucoside and Their Metabolites in Urine through High-Resolution Mass Spectrometry. Toxins, 2021, 13, 869.	3.4	2
46	Foodomics: Current and Future Perspectives in Food Analysis. Foods, 2022, 11, 1238.	4.3	2