

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

304701

22
h-index

330122

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 chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2012, 1270, 28-40.	3.7	100
2	A survey of trichothecenes, zearalenone and patulin in milled grain-based products using GC-MS/MS. <i>Food Chemistry</i> , 2014, 146, 212-219.	8.2	99
3	Exposure estimates to Fusarium mycotoxins through cereals intake. <i>Chemosphere</i> , 2013, 93, 2297-2303.	8.2	89
4	Occurrence of Fusarium mycotoxins and their dietary intake through beer consumption by the European population. <i>Food Chemistry</i> , 2015, 178, 149-155.	8.2	81
5	Development of a GC-MS/MS strategy to determine 15 mycotoxins and metabolites in human urine. <i>Talanta</i> , 2014, 128, 125-131.	5.5	76
6	Analysis of Phenolic Compounds in Commercial Cannabis sativa L. Inflorescences Using UHPLC-Q-Orbitrap HRMS. <i>Molecules</i> , 2020, 25, 631.	3.8	76
7	Exposure assessment approach through mycotoxin/creatinine ratio evaluation in urine by GC-MS/MS. <i>Food and Chemical Toxicology</i> , 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. <i>Toxins</i> , 2016, 8, 328.	3.4	54
9	Mouse tissue distribution and persistence of the food-born fusariotoxins Enniatin B and Beauvericin. <i>Toxicology Letters</i> , 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). <i>Food Research International</i> , 2018, 111, 229-236.	6.2	46
11	Determination of Mycotoxins in Bee Pollen by Gas Chromatography-Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 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. <i>Toxins</i> , 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. <i>Journal of Separation Science</i> , 2017, 40, 1572-1582.	2.5	39
14	Biological activity and toxicity of plant nutraceuticals: an overview. <i>Current Opinion in Food Science</i> , 2021, 42, 113-118.	8.0	31
15	A preliminary study in Wistar rats with enniatin A contaminated feed. <i>Toxicology Mechanisms and Methods</i> , 2014, 24, 179-190.	2.7	30
16	Target Analysis and Retrospective Screening of Multiple Mycotoxins in Pet Food Using UHPLC-Q-Orbitrap HRMS. <i>Toxins</i> , 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. <i>Metabolites</i> , 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. <i>LWT - Food Science and Technology</i> , 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. <i>Beverages</i> , 2018, 4, 43.	2.8	27
20	Preliminary Estimation of Deoxynivalenol Excretion through a 24 h Pilot Study. <i>Toxins</i> , 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. <i>Journal of Dairy Science</i> , 2020, 103, 1250-1260.	3.4	25
22	Chemical Composition, In Vitro Bioaccessibility and Antioxidant Activity of Polyphenolic Compounds from Nutraceutical Fennel Waste Extract. <i>Molecules</i> , 2021, 26, 1968.	3.8	24
23	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.	3.6	23
24	The Natural Fungal Metabolite Beauvericin Exerts Anticancer Activity In Vivo: A Pre-Clinical Pilot Study. <i>Toxins</i> , 2017, 9, 258.	3.4	22
25	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.	5.2	22
26	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.	5.1	21
27	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.	3.6	21
28	Colon Bioaccessibility under In Vitro Gastrointestinal Digestion of Different Coffee Brews Chemically Profiled through UHPLC-Q-Orbitrap HRMS. <i>Foods</i> , 2021, 10, 179.	4.3	20
29	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.	2.3	18
30	Determination of indoor air quality of a phytosanitary plant. <i>Analytica Chimica Acta</i> , 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. <i>Journal of Dairy Science</i> , 2022, 105, 2948-2962.	3.4	15
32	Biomonitoring of Enniatin B1 and Its Phase I Metabolites in Human Urine: First Large-Scale Study. <i>Toxins</i> , 2020, 12, 415.	3.4	14
33	Deoxynivalenol contamination in cereal-based foodstuffs from Spain: Systematic review and meta-analysis approach for exposure assessment. <i>Food Control</i> , 2022, 132, 108521.	5.5	14
34	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.	5.1	13
35	Mycotoxin Occurrence and Risk Assessment in Gluten-Free Pasta through UHPLC-Q-Exactive Orbitrap MS. <i>Toxins</i> , 2021, 13, 305.	3.4	12
36	Transfer of <i>Fusarium</i> mycotoxins from malt to boiled wort. <i>Food Chemistry</i> , 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. <i>Journal of Agricultural and Food Chemistry</i> , 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. <i>Metabolites</i> , 2020, 10, 344.	2.9	10
39	Interactions between T-2 toxin and its metabolites in HepG2 cells and in silico approach. <i>Food and Chemical Toxicology</i> , 2021, 148, 111942.	3.6	9
40	Cytoprotective Effects of Fish Protein Hydrolysates against H ₂ O ₂ -Induced Oxidative Stress and Mycotoxins in Caco-2/TC7 Cells. <i>Antioxidants</i> , 2021, 10, 975.	5.1	8
41	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.	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. <i>Foods</i> , 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. <i>Toxins</i> , 2022, 14, 42.	3.4	5
44	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.	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. <i>Toxins</i> , 2021, 13, 869.	3.4	2
46	Foodomics: Current and Future Perspectives in Food Analysis. <i>Foods</i> , 2022, 11, 1238.	4.3	2