Veronica M T Lattanzio

List of Publications by Year
in descending order

45	1,766	304743 22	265206 42
papers	citations	h-index	g-index

45	45	45	1879
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Simultaneous determination of aflatoxins, ochratoxin A andFusariumtoxins in maize by liquid chromatography/tandem mass spectrometry after multitoxin immunoaffinity cleanup. Rapid Communications in Mass Spectrometry, 2007, 21, 3253-3261.	1.5	187
2	Simultaneous LCâ€“MS/MS determination of aflatoxin M1, ochratoxin A, deoxynivalenol, de-epoxydeoxynivalenol, Î± and Î²-zearalenols and fumonisin B1 in urine as a multi-biomarker method to assess exposure to mycotoxins. Analytical and Bioanalytical Chemistry, 2011, 401, 2831-2841.	3.7	138
3	Relationship of secondary metabolism to growth in oregano (Origanum vulgare L.) shoot cultures under nutritional stress. Environmental and Experimental Botany, 2009, 65, 54-62.	4.2	118
4	Multiplex dipstick immunoassay for semi-quantitative determination of Fusarium mycotoxins in cereals. Analytica Chimica Acta, 2012, 718, 99-108.	5.4	109
5	Current analytical methods for trichothecene mycotoxins in cereals. TrAC - Trends in Analytical Chemistry, 2009, 28, 758-768.	11.4	102
6	Analysis of T-2 and HT-2 toxins in cereal grains by immunoaffinity clean-up and liquid chromatography with fluorescence detection. Journal of Chromatography A, 2005, 1075, 151-158.	3.7	96
7	Identification and characterization of new Fusarium masked mycotoxins, T2 and HT2 glycosyl derivatives, in naturally contaminated wheat and oats by liquid chromatographyâ€“highâ€resolution mass spectrometry. Journal of Mass Spectrometry, 2012, 47, 466-475.	1.6	77
8	Occurrence of deoxynivalenol and deoxynivalenol-3-glucoside in durum wheat from Argentina. Food Chemistry, 2017, 230, 728-734.	8.2	71
9	Anomericity of T-2 Toxin-glucoside: Masked Mycotoxin in Cereal Crops. Journal of Agricultural and Food Chemistry, 2015, 63, 731-738.	5.2	68
10	Development and inâ€house validation of a robust and sensitive solidâ€phase extraction liquid chromatography/tandem mass spectrometry method for the quantitative determination of aflatoxins B₁, B₂, G₁, G₂, ochratoxin A, deoxynivalenol, zearalenone, Tâ€2 and HTâ€2 toxins in cerealâ€based foods. Rapid Communications in Mass Spectrometry, 2011, 25, 1869-1880.	1.5	66
11	Improved method for the simultaneous determination of aflatoxins, ochratoxin A and Fusarium toxins in cereals and derived products by liquid chromatographyâ€“tandem mass spectrometry after multi-toxin immunoaffinity clean up. Journal of Chromatography A, 2014, 1354, 139-143.	3.7	60
12	Characterization of Fusarium verticillioides strains isolated from maize in Italy: Fumonisin production, pathogenicity and genetic variability. Food Microbiology, 2012, 31, 17-24.	4.2	57
13	LCâ€“MS/MS characterization of the urinary excretion profile of the mycotoxin deoxynivalenol in human and rat. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2011, 879, 707-715.	2.3	51
14	Occurrence of Fusarium langsethiae and T-2 and HT-2 Toxins in Italian Malting Barley. Toxins, 2016, 8, 247.	3.4	50
15	Distribution of T-2 and HT-2 Toxins in Milling Fractions of Durum Wheat. Journal of Food Protection, 2011, 74, 1700-1707.	1.7	47
16	Assessment of mycotoxin exposure in CÃ”te Dâ€²ivoire (Ivory Coast) through multi-biomarker analysis and possible correlation with food consumption patterns. Toxicology International, 2014, 21, 248.	0.1	40
17	Performance evaluation of LCâ€“MS/MS methods for multi-mycotoxin determination in maize and wheat by means of international Proficiency Testing. TrAC - Trends in Analytical Chemistry, 2017, 86, 222-234.	11.4	38
18	Enzymatic hydrolysis of T-2 toxin for the quantitative determination of total T-2 and HT-2 toxins in cereals. Analytical and Bioanalytical Chemistry, 2009, 395, 1325-1334.	3.7	35

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19	Biophenols from Table Olive cv Bella di Cerignola: Chemical Characterization, Bioaccessibility, and Intestinal Absorption. Journal of Agricultural and Food Chemistry, 2016, 64, 5671-5678.	5.2	34
20	Mycotoxin profile of Fusarium langsethiae isolated from wheat in Italy: production of typeâ€A trichothecenes and relevant glucosyl derivatives. Journal of Mass Spectrometry, 2013, 48, 1291-1298.	1.6	30
21	Study of the natural occurrence of T-2 and HT-2 toxins and their glucosyl derivatives from field barley to malt by high-resolution Orbitrap mass spectrometry. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2015, 32, 1647-1655.	2.3	28
22	Experimental design for in-house validation of a screening immunoassay kit. The case of a multiplex dipstick for Fusarium mycotoxins in cereals. Analytical and Bioanalytical Chemistry, 2013, 405, 7773-7782.	3.7	26
23	Determination of Zearalenone and Trichothecenes, Including Deoxynivalenol and Its Acetylated Derivatives, Nivalenol, T-2 and HT-2 Toxins, in Wheat and Wheat Products by LC-MS/MS: A Collaborative Study. Toxins, 2020, 12, 786.	3.4	20
24	Rapid and reliable detection of glyphosate in pome fruits, berries, pulses and cereals by flow injection â€“ Mass spectrometry. Food Chemistry, 2020, 310, 125813.	8.2	19
25	Evaluation of Mycotoxin Screening Tests in a Verification Study Involving First Time Users. Toxins, 2019, 11, 129.	3.4	18
26	Aflatoxin Reduction in Maize by Industrial-Scale Cleaning Solutions. Toxins, 2020, 12, 331.	3.4	18
27	Fluorescence Polarization Immunoassay for the Determination of T-2 and HT-2 Toxins and Their Glucosides in Wheat. Toxins, 2019, 11, 380.	3.4	17
28	Occurrence of Fusarium langsethiae Strains Isolated from Durum Wheat in Italy. Journal of Phytopathology, 2015, 163, 612-619.	1.0	16
29	Validation of screening methods according to Regulation 519/2014/EU. Determination of deoxynivalenol in wheat by lateral flow immunoassay: A case study. TrAC - Trends in Analytical Chemistry, 2016, 76, 137-144.	11.4	16
30	Inâ€house validation and smallâ€scale collaborative study to evaluate analytical performances of multimycotoxin screening methods based on liquid chromatographyâ€“highâ€resolution mass spectrometry: Case study on Fusarium toxins in wheat. Journal of Mass Spectrometry, 2018, 53, 743-752.	1.6	15
31	Performance Evaluation of LC-MS Methods for Multimycotoxin Determination. Journal of AOAC INTERNATIONAL, 2019, 102, 1708-1720.	1.5	14
32	Critical Comparison of Analytical Performances of Two Immunoassay Methods for Rapid Detection of Aflatoxin M1 in Milk. Toxins, 2020, 12, 270.	3.4	13
33	Application of an Integrated and Open Source Workflow for LC-HRMS Plant Metabolomics Studies. Case-Control Study: Metabolic Changes of Maize in Response to Fusarium verticillioides Infection. Frontiers in Plant Science, 2020, 11, 664.	3.6	11
34	Multiplex Dipstick Immunoassay for Semiquantitative Determination of Fusarium Mycotoxins in Oat. Methods in Molecular Biology, 2017, 1536, 137-142.	0.9	10
35	Toward Harmonization of Performance Criteria for Mycotoxin Screening Methods: The EU Perspective. Journal of AOAC INTERNATIONAL, 2016, 99, 906-913.	1.5	9
36	Validation of a lateral flow immunoassay for the rapid determination of aflatoxins in maize by solvent free extraction. Analytical Methods, 2018, 10, 123-130.	2.7	9

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37	MycoKey Round Table Discussions of Future Directions in Research on Chemical Detection Methods, Genetics and Biodiversity of Mycotoxins. Toxins, 2018, 10, 109.	3.4	8
38	Performance Evaluation of LC-MS Methods for Multimycotoxin Determination. Journal of AOAC INTERNATIONAL, 2019, 102, 1708-1720.	1.5	7
39	Determination of T-2 and HT-2 Toxins in Oats and Oat-Based Breakfast Cereals by Liquid-Chromatography Tandem Mass Spectrometry. Methods in Molecular Biology, 2017, 1536, 127-136.	0.9	5
40	Undertaking a New Regulatory Challenge: Monitoring of Ergot Alkaloids in Italian Food Commodities. Toxins, 2021, 13, 871.	3.4	4
41	Mycotoxin Analysis of Grain via Dust Sampling: Review, Recent Advances and the Way Forward: The Contribution of the MycoKey Project. Toxins, 2022, 14, 381.	3.4	4
42	Introduction to the Toxins Special Issue on Improved Analytical Technologies for the Detection of Natural Toxins and Their Metabolites in Food. Toxins, 2020, 12, 467.	3.4	2
43	In Vitro Fumonisin Biosynthesis and Genetic Structure of Fusarium verticillioides Strains from Five Mediterranean Countries. Microorganisms, 2020, 8, 241.	3.6	2
44	Liquid Chromatographyâ€“Mass Spectrometric Analysis of Mycotoxins in Food. , 2015, , 549-589.		1
45	Introduction to This Special Issue of Toxins: Application of Novel Methods for Mycotoxin Analysis. Toxins, 2022, 14, 190.	3.4	0