

# Guillermina Font

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9231705/publications.pdf>

Version: 2024-02-01

211  
papers

9,248  
citations

25034

57  
h-index

56724

83  
g-index

232  
all docs

232  
docs citations

232  
times ranked

7105  
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental and food applications of LC-tandem mass spectrometry in pesticide-residue analysis: An overview. <i>Mass Spectrometry Reviews</i> , 2004, 23, 45-85.	5.4	261
2	Current trends in solid-phase-based extraction techniques for the determination of pesticides in food and environment. <i>Journal of Proteomics</i> , 2007, 70, 117-131.	2.4	201
3	Comparison of solid-phase microextraction and stir bar sorptive extraction for determining six organophosphorus insecticides in honey by liquid chromatography–mass spectrometry. <i>Journal of Chromatography A</i> , 2004, 1030, 77-85.	3.7	178
4	Solid-phase extraction in multi-residue pesticide analysis of water. <i>Journal of Chromatography A</i> , 1993, 642, 135-161.	3.7	169
5	Mycotoxins and their consequences in aquaculture: A review. <i>Aquaculture</i> , 2016, 451, 1-10.	3.5	159
6	Reactive oxygen species induced by beauvericin, patulin and zearalenone in CHO-K1 cells. <i>Toxicology in Vitro</i> , 2009, 23, 1504-1509.	2.4	152
7	Pesticide residue determination in fruit and vegetables by liquid chromatography–mass spectrometry. <i>Journal of Chromatography A</i> , 2000, 882, 153-173.	3.7	148
8	Comparison of microextraction procedures to determine pesticides in oranges by liquid chromatography–mass spectrometry. <i>Journal of Chromatography A</i> , 2002, 970, 201-212.	3.7	143
9	Control of pesticide residues by liquid chromatography–mass spectrometry to ensure food safety. <i>Mass Spectrometry Reviews</i> , 2006, 25, 917-960.	5.4	142
10	Co-occurrence and risk assessment of mycotoxins in food and diet from Mediterranean area. <i>Food Chemistry</i> , 2012, 135, 423-429.	8.2	125
11	<i>Alternaria</i> Mycotoxins in Food and Feed: An Overview. <i>Journal of Food Quality</i> , 2017, 2017, 1-20.	2.6	122
12	Assessment of Pesticide Residues in Honey Samples from Portugal and Spain. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 8132-8138.	5.2	118
13	Simultaneous determination of eight underivatized biogenic amines in fish by solid phase extraction and liquid chromatography–tandem mass spectrometry. <i>Food Chemistry</i> , 2012, 132, 537-543.	8.2	116
14	Surveillance of pesticide residues in fruits from Valencia during twenty months (2004/05). <i>Food Control</i> , 2010, 21, 36-44.	5.5	115
15	Simultaneous determination of bisphenol A, octylphenol, and nonylphenol by pressurized liquid extraction and liquid chromatography–tandem mass spectrometry in powdered milk and infant formulas. <i>Food Chemistry</i> , 2011, 126, 360-367.	8.2	114
16	Pressurized liquid extraction combined with capillary electrophoresis–mass spectrometry as an improved methodology for the determination of sulfonamide residues in meat. <i>Journal of Chromatography A</i> , 2007, 1159, 233-241.	3.7	113
17	Determination of dithiocarbamates and metabolites in plants by liquid chromatography–mass spectrometry. <i>Journal of Chromatography A</i> , 2004, 1028, 267-276.	3.7	106
18	Capillary electrophoresis for analyzing pesticides in fruits and vegetables using solid-phase extraction and stir-bar sorptive extraction. <i>Journal of Chromatography A</i> , 2005, 1073, 229-236.	3.7	101

#	ARTICLE	IF	CITATIONS
19	Further data on the presence of <i>Fusarium</i> emerging mycotoxins enniatins, fusaproliferin and beauvericin in cereals available on the Spanish markets. <i>Food and Chemical Toxicology</i> , 2010, 48, 1412-1416.	3.6	101
20	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
21	Determination of fungicide residues in fruits and vegetables by liquid chromatography-atmospheric pressure chemical ionization mass spectrometry. <i>Journal of Chromatography A</i> , 2002, 947, 227-235.	3.7	98
22	Studies on the Presence of Mycotoxins in Biological Samples: An Overview. <i>Toxins</i> , 2017, 9, 251.	3.4	98
23	Analysis of pesticides in fruits by pressurized liquid extraction and liquid chromatography-ion trap-triple stage mass spectrometry. <i>Journal of Chromatography A</i> , 2005, 1098, 37-43.	3.7	97
24	Determination of quinolone residues in chicken and fish by capillary electrophoresis-mass spectrometry. <i>Electrophoresis</i> , 2006, 27, 2240-2249.	2.4	92
25	Chronic cumulative risk assessment of the exposure to organophosphorus, carbamate and pyrethroid and pyrethrin pesticides through fruit and vegetables consumption in the region of Valencia (Spain). <i>Food and Chemical Toxicology</i> , 2016, 89, 39-46.	3.6	92
26	Beauvericin-induced cytotoxicity via ROS production and mitochondrial damage in Caco-2 cells. <i>Toxicology Letters</i> , 2013, 222, 204-211.	0.8	91
27	In vitro mechanisms of Beauvericin toxicity: A review. <i>Food and Chemical Toxicology</i> , 2018, 111, 537-545.	3.6	90
28	Quantitative determination of octylphenol, nonylphenol, alkylphenol ethoxylates and alcohol ethoxylates by pressurized liquid extraction and liquid chromatography-mass spectrometry in soils treated with sewage sludges. <i>Science of the Total Environment</i> , 2007, 378, 124-129.	8.0	89
29	Determination of macrolide antibiotics in meat and fish using pressurized liquid extraction and liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1208, 83-89.	3.7	89
30	Cytotoxic effects of mycotoxin combinations in mammalian kidney cells. <i>Food and Chemical Toxicology</i> , 2011, 49, 2718-2724.	3.6	89
31	Exposure estimates to <i>Fusarium</i> mycotoxins through cereals intake. <i>Chemosphere</i> , 2013, 93, 2297-2303.	8.2	89
32	Matrix effects on solid-phase microextraction of organophosphorus pesticides from water. <i>Journal of Chromatography A</i> , 1997, 767, 195-203.	3.7	88
33	Matrix solid-phase dispersion microextraction and determination by high-performance liquid chromatography with UV detection of pesticide residues in citrus fruit. <i>Journal of Chromatography A</i> , 1999, 839, 101-107.	3.7	87
34	Determination of triazines and organophosphorus pesticides in water samples using solid-phase extraction. <i>Journal of Chromatography A</i> , 1991, 555, 137-145.	3.7	86
35	Congener profile, occurrence and estimated dietary intake of dioxins and dioxin-like PCBs in foods marketed in the Region of Valencia (Spain). <i>Chemosphere</i> , 2011, 82, 1253-1261.	8.2	81
36	Determination of imidacloprid, metalaxyl, myclobutanil, propham, and thiabendazole in fruits and vegetables by liquid chromatography-atmospheric pressure chemical ionization-mass spectrometry. <i>Fresenius' Journal of Analytical Chemistry</i> , 2001, 371, 182-189.	1.5	79

#	ARTICLE	IF	CITATIONS
37	Toxicological interactions between the mycotoxins beauvericin, deoxynivalenol and T-2 toxin in CHO-K1 cells in vitro. <i>Toxicol</i> , 2011, 58, 315-326.	1.6	79
38	Simultaneous determination of imidacloprid, carbendazim, methiocarb and hexythiazox in peaches and nectarines by liquid chromatography-mass spectrometry. <i>Analytica Chimica Acta</i> , 2002, 461, 109-116.	5.4	76
39	Pesticide residue determination in surface waters by stir bar sorptive extraction and liquid chromatography/tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 393, 1733-1743.	3.7	76
40	Further data on the levels of emerging Fusarium mycotoxins enniatins (A, A1, B, B1), beauvericin and fusaproliferin in breakfast and infant cereals from Morocco. <i>Food Chemistry</i> , 2011, 124, 481-485.	8.2	76
41	Solid-phase extraction of quaternary ammonium herbicides. <i>Journal of Chromatography A</i> , 2000, 885, 251-271.	3.7	75
42	Optimization of a matrix solid-phase dispersion method for the analysis of pesticide residues in vegetables. <i>Journal of Chromatography A</i> , 1996, 754, 437-444.	3.7	74
43	Analysis of thiabendazole and procymidone in fruits and vegetables by capillary electrophoresis-electrospray mass spectrometry. <i>Journal of Chromatography A</i> , 2002, 949, 359-366.	3.7	73
44	Evaluation of solid-phase extraction and stir-bar sorptive extraction for the determination of fungicide residues at low- $\mu\text{g/kg}$ levels in grapes by liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2004, 1050, 119-127.	3.7	72
45	Analysis of mycotoxins in coffee and risk assessment in Spanish adolescents and adults. <i>Food and Chemical Toxicology</i> , 2015, 86, 225-233.	3.6	68
46	Solid-Phase Microextraction Liquid Chromatography/Tandem Mass Spectrometry To Determine Postharvest Fungicides in Fruits. <i>Analytical Chemistry</i> , 2003, 75, 3606-3615.	6.5	67
47	Effects of four carbamate compounds on antioxidant parameters. <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 922-930.	6.0	67
48	Interactive effects of zearalenone and its metabolites on cytotoxicity and metabolization in ovarian CHO-K1 cells. <i>Toxicology in Vitro</i> , 2014, 28, 95-103.	2.4	67
49	Multimycotoxin LC-MS/MS Analysis in Tea Beverages after Dispersive Liquid-Liquid Microextraction (DLLME). <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 10282-10289.	5.2	67
50	Analysis of Carbamate Pesticides and Their Metabolites in Water by Solid Phase Extraction and Liquid Chromatography: A Review. <i>Critical Reviews in Analytical Chemistry</i> , 2001, 31, 19-52.	3.5	66
51	Reactive oxygen species involvement in apoptosis and mitochondrial damage in Caco-2 cells induced by enniatins A, A1, B and B1. <i>Toxicology Letters</i> , 2013, 222, 36-44.	0.8	66
52	Analysis of post-harvest fungicides by micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 2001, 924, 387-396.	3.7	64
53	Evaluation of 10 pesticide residues in oranges and tangerines from Valencia (Spain). <i>Food Control</i> , 2006, 17, 841-846.	5.5	64
54	Simultaneous determination of different classes of antibiotics in fish and livestock by CE-MS. <i>Electrophoresis</i> , 2007, 28, 4180-4191.	2.4	64

#	ARTICLE	IF	CITATIONS
55	Emerging <i>Fusarium</i> mycotoxins in organic and conventional pasta collected in Spain. <i>Food and Chemical Toxicology</i> , 2013, 51, 259-266.	3.6	61
56	SPME of 52 pesticides and polychlorinated biphenyls: Extraction efficiencies of the SPME coatings poly(dimethylsiloxane), polyacrylate, poly(dimethylsiloxane)-divinylbenzene, Carboxen-poly(dimethylsiloxane), and Carbowax-divinylbenzene. <i>Journal of Separation Science</i> , 2001, 24, 39-48.	2.5	60
57	Cytotoxic effects of zearalenone and its metabolites and antioxidant cell defense in CHO-K1 cells. <i>Food and Chemical Toxicology</i> , 2016, 96, 43-49.	3.6	60
58	Application of solid-phase microextraction for determining phenylurea herbicides and their homologous anilines from vegetables. <i>Journal of Chromatography A</i> , 2004, 1042, 9-14.	3.7	59
59	Analysis of fumonisins in corn-based food by liquid chromatography with fluorescence and mass spectrometry detectors. <i>Food Chemistry</i> , 2009, 112, 1031-1037.	8.2	59
60	Natural Occurrence of Emerging <i>Fusarium</i> Mycotoxins in Feed and Fish from Aquaculture. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 12462-12470.	5.2	59
61	Interaction effects of <i>Fusarium</i> enniatins (A, A1, B and B1) combinations on in vitro cytotoxicity of Caco-2 cells. <i>Toxicology in Vitro</i> , 2014, 28, 88-94.	2.4	56
62	Determination of macrolide and lincosamide antibiotics by pressurised liquid extraction and liquid chromatography-tandem mass spectrometry in meat and milk. <i>Food Control</i> , 2010, 21, 1703-1709.	5.5	55
63	Further data on the occurrence of <i>Fusarium</i> emerging mycotoxins enniatins (A, A1, B, B1), fusaproliferin and beauvericin in raw cereals commercialized in Morocco. <i>Food Control</i> , 2011, 22, 1-5.	5.5	54
64	Comparative cytotoxicity study of enniatins A, A1, A2, B, B1, B4 and J3 on Caco-2 cells, Hep-G2 and HT-29. <i>Food and Chemical Toxicology</i> , 2011, 49, 2464-2469.	3.6	54
65	Application of capillary electrophoresis-mass spectrometry for determining organic food contaminants and residues. <i>Electrophoresis</i> , 2008, 29, 2059-2078.	2.4	53
66	Ultraviolet spectrophotometric determination of phenols in natural and waste waters with iodine monobromide. <i>Analyst</i> , 1987, 112, 1335-1337.	3.5	52
67	Mechanisms of beauvericin toxicity and antioxidant cellular defense. <i>Toxicology Letters</i> , 2016, 246, 28-34.	0.8	52
68	Involvement of enniatins-induced cytotoxicity in human HepG2 cells. <i>Toxicology Letters</i> , 2013, 218, 166-173.	0.8	51
69	Survey of mycotoxins in dates and dried fruits from Tunisian and Spanish markets. <i>Food Control</i> , 2015, 51, 340-346.	5.5	51
70	Determination of abamectin in citrus fruits by liquid chromatography-electrospray ionization mass spectrometry. <i>Journal of Chromatography A</i> , 2000, 871, 57-65.	3.7	50
71	Determination of aminoglycoside and macrolide antibiotics in meat by pressurized liquid extraction and LC-ESI-MS. <i>Journal of Separation Science</i> , 2010, 33, 522-529.	2.5	50
72	Enterotoxigenic staphylococci and their toxins in restaurant foods. <i>Trends in Food Science and Technology</i> , 2002, 13, 60-67.	15.1	48

#	ARTICLE	IF	CITATIONS
73	Multiple-stage mass spectrometric analysis of six pesticides in oranges by liquid chromatographyâ€“atmospheric pressure chemical ionizationâ€“ion trap mass spectrometry. <i>Journal of Chromatography A</i> , 2004, 1043, 231-238.	3.7	48
74	Analysis of fumonisins B1, B2 and B3 in corn-based baby food by pressurized liquid extraction and liquid chromatography/tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1209, 188-194.	3.7	48
75	Indirect analysis of urea herbicides from environmental water using solid-phase microextraction. <i>Journal of Chromatography A</i> , 2000, 890, 303-312.	3.7	47
76	Pressurised liquid extraction and capillary electrophoresisâ€“mass spectrometry for the analysis of pesticide residues in fruits from Valencian markets, Spain. <i>Food Chemistry</i> , 2010, 120, 1242-1249.	8.2	47
77	Quantitative analysis of six pesticides in fruits by capillary electrophoresis-electrospray-mass spectrometry. <i>Electrophoresis</i> , 2005, 26, 1550-1561.	2.4	46
78	Nuts and dried fruits: Natural occurrence of emerging Fusarium mycotoxins. <i>Food Control</i> , 2013, 33, 215-220.	5.5	46
79	Toxicity evaluation of individual and mixed enniatins using an in vitro method with CHO-K1 cells. <i>Toxicology in Vitro</i> , 2013, 27, 672-680.	2.4	46
80	Current developments in the analysis of water pollution by polychlorinated biphenyls. <i>Journal of Chromatography A</i> , 1996, 733, 449-471.	3.7	45
81	Determination of Mycotoxins in Bee Pollen by Gas Chromatographyâ€“Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 1999-2005.	5.2	44
82	Determination of organic contaminants in food by capillary electrophoresis. <i>Journal of Separation Science</i> , 2005, 28, 793-812.	2.5	43
83	Inhibition of aflatoxin B1, B2, G1 and G2 production by <i>Aspergillus parasiticus</i> in nuts using yellow and oriental mustard flours. <i>Food Control</i> , 2015, 47, 154-160.	5.5	43
84	Optimization of a solid-phase extraction technique for the extraction of pesticides from soil samples. <i>Journal of Chromatography A</i> , 1996, 719, 69-76.	3.7	42
85	Study of the cytotoxic activity of beauvericin and fusaproliferin and bioavailability in vitro on Caco-2 cells. <i>Food and Chemical Toxicology</i> , 2012, 50, 2356-2361.	3.6	42
86	Determination of pesticides in soil samples by solid phase extraction disks. <i>Chromatographia</i> , 1993, 36, 187-190.	1.3	40
87	Simultaneous determination of mycotoxin in commercial coffee. <i>Food Control</i> , 2015, 57, 282-292.	5.5	40
88	Determination of Urea Pesticide Residues in Vegetable, Soil, and Water Samples. <i>Critical Reviews in Analytical Chemistry</i> , 2003, 33, 19-41.	3.5	39
89	Oxidative stress of alternariol in Caco-2 cells. <i>Toxicology Letters</i> , 2014, 229, 458-464.	0.8	39
90	Validation of a confirmatory method for the determination of macrolides in liver and kidney animal tissues in accordance with the European Union regulation 2002/657/EC. <i>Journal of Chromatography A</i> , 2007, 1157, 281-288.	3.7	38

#	ARTICLE	IF	CITATIONS
91	Isolation and purification of enniatins A, A1, B, B1, produced by <i>Fusarium tricinctum</i> in solid culture, and cytotoxicity effects on Caco-2 cells. <i>Toxicol</i> , 2010, 56, 418-424.	1.6	37
92	Determination of Soyasaponins I and II in Raw and Cooked Legumes by Solid Phase Extraction (SPE) Coupled to Liquid Chromatography (LC)-Mass Spectrometry (MS) and Assessment of Their Bioaccessibility by an in Vitro Digestion Model. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 1702-1709.	5.2	37
93	Disturbance of antioxidant capacity produced by beauvericin in CHO-K1 cells. <i>Toxicology Letters</i> , 2014, 226, 337-342.	0.8	37
94	Development of a new method for the simultaneous determination of 21 mycotoxins in coffee beverages by liquid chromatography tandem mass spectrometry. <i>Food Research International</i> , 2015, 72, 247-255.	6.2	36
95	Disks versus columns in the solid-phase extraction of pesticides from water. <i>Journal of Chromatography A</i> , 1996, 733, 267-274.	3.7	35
96	On-line preconcentration strategies for analyzing pesticides in fruits and vegetables by micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 2007, 1153, 104-113.	3.7	35
97	Interaction effects of enniatin B, deoxinivalenol and alternariol in Caco-2 cells. <i>Toxicology Letters</i> , 2016, 241, 38-48.	0.8	35
98	Risk assessment and monitoring programme of nitrates through vegetables in the Region of Valencia (Spain). <i>Food and Chemical Toxicology</i> , 2017, 100, 42-49.	3.6	35
99	Pressurized liquid extraction followed by liquid chromatography-mass spectrometry for determination of zearalenone in cereal flours. <i>Food Control</i> , 2010, 21, 399-402.	5.5	34
100	Study of the potential toxicity of enniatins A, A1, B, B1 by evaluation of duodenal and colonic bioavailability applying an in Vitro method by Caco-2 cells. <i>Toxicol</i> , 2012, 59, 1-11.	1.6	34
101	Evaluation of immunologic effect of Enniatin A and quantitative determination in feces, urine and serum on treated Wistar rats. <i>Toxicol</i> , 2014, 87, 45-53.	1.6	34
102	Evaluation of Mycotoxin Residues on Ready-to-Eat Food by Chromatographic Methods Coupled to Mass Spectrometry in Tandem. <i>Toxins</i> , 2018, 10, 243.	3.4	34
103	Solid-phase extraction of pesticides from water samples. <i>Journal of High Resolution Chromatography</i> , 1990, 13, 843-845.	1.4	33
104	Determination of urea-derived pesticides in fruits and vegetables by solid-phase preconcentration and capillary electrophoresis. <i>Electrophoresis</i> , 2001, 22, 2010-2016.	2.4	33
105	HPLC-UV/Vis-APCI-MS/MS Determination of Major Carotenoids and Their Bioaccessibility from "Delica" ( <i>Cucurbita maxima</i> ) and "Violina" ( <i>Cucurbita moschata</i> ) Pumpkins as Food Traceability Markers. <i>Molecules</i> , 2018, 23, 2791.	3.8	33
106	Solid phase techniques in the extraction of pesticides and related compounds from foods and soils. <i>Journal of Separation Science</i> , 1994, 6, 331-359.	1.0	32
107	Assessment of metal levels in foodstuffs from the Region of Valencia (Spain). <i>Toxicology Reports</i> , 2018, 5, 654-670.	3.3	32
108	Evaluation of a solid-phase extraction system for determining pesticide residues in milk. <i>Journal of Chromatography A</i> , 1993, 642, 195-204.	3.7	31

#	ARTICLE	IF	CITATIONS
109	Antibacterial activity of the enniatin B, produced by <i>Fusarium tricinctum</i> in liquid culture, and cytotoxic effects on Caco-2 cells. <i>Toxicology Mechanisms and Methods</i> , 2011, 21, 503-512.	2.7	30
110	Applications of flow cytometry to toxicological mycotoxin effects in cultured mammalian cells: A review. <i>Food and Chemical Toxicology</i> , 2013, 56, 40-59.	3.6	30
111	A preliminary study in Wistar rats with enniatin A contaminated feed. <i>Toxicology Mechanisms and Methods</i> , 2014, 24, 179-190.	2.7	30
112	Mycotoxin Analysis of Human Urine by LC-MS/MS: A Comparative Extraction Study. <i>Toxins</i> , 2017, 9, 330.	3.4	30
113	Individual and Combined Effect of Zearalenone Derivates and Beauvericin Mycotoxins on SH-SY5Y Cells. <i>Toxins</i> , 2020, 12, 212.	3.4	30
114	Determination of Five Pesticide Residues in Oranges by Matrix Solid-Phase Dispersion and Liquid Chromatography to Estimate Daily Intake of Consumers. <i>Journal of AOAC INTERNATIONAL</i> , 2001, 84, 901-909.	1.5	29
115	Influence of different soluble dietary fibers on the bioaccessibility of the minor <i>Fusarium</i> mycotoxin beauvericin. <i>Food and Chemical Toxicology</i> , 2012, 50, 1362-1368.	3.6	29
116	Effects of soyasaponin I and soyasaponins-rich extract on the Alternariol-induced cytotoxicity on Caco-2 cells. <i>Food and Chemical Toxicology</i> , 2015, 77, 44-49.	3.6	29
117	Alternariol induce toxicity via cell death and mitochondrial damage on Caco-2 cells. <i>Food and Chemical Toxicology</i> , 2016, 88, 32-39.	3.6	28
118	Enniatin A1, enniatin B1 and beauvericin on HepG2: Evaluation of toxic effects. <i>Food and Chemical Toxicology</i> , 2015, 84, 188-196.	3.6	27
119	Role of quercetin on Caco-2 cells against cytotoxic effects of alternariol and alternariol monomethyl ether. <i>Food and Chemical Toxicology</i> , 2016, 89, 60-66.	3.6	27
120	Extraction-spectrophotometric determination of hydrazine with 2-hydroxy-1-naphthaldehyde. <i>Analyst</i> , 1987, 112, 1183-1184.	3.5	26
121	Determination of Organochlorine Pesticide Content in Human Milk and Infant Formulas Using Solid Phase Extraction and Capillary Gas Chromatography. <i>Journal of Agricultural and Food Chemistry</i> , 1995, 43, 1610-1615.	5.2	26
122	Determination of organochlorine pesticide residues in honey from the central zone of Portugal and the Valencian community of Spain. <i>Journal of Chromatography A</i> , 2004, 1049, 155-160.	3.7	26
123	Study of the potential toxicity of commercial crispy breads by evaluation of bioaccessibility and bioavailability of minor <i>Fusarium</i> mycotoxins. <i>Food and Chemical Toxicology</i> , 2012, 50, 288-294.	3.6	26
124	Risk assessment associated to the intake of the emerging <i>Fusarium</i> mycotoxins BEA, ENs and FUS present in infant formula of Spanish origin. <i>Food Control</i> , 2012, 28, 178-183.	5.5	26
125	Oxidative stress, glutathione, and gene expression as key indicators in SH-SY5Y cells exposed to zearalenone metabolites and beauvericin. <i>Toxicology Letters</i> , 2020, 334, 44-52.	0.8	26
126	Influence of dissolved humic material and ionic strength on C8 extraction of pesticides from water. <i>Chromatographia</i> , 1995, 41, 318-324.	1.3	25



#	ARTICLE	IF	CITATIONS
127	Monitoring of Five Postharvest Fungicides in Fruit and Vegetables by Matrix Solid-Phase Dispersion and Liquid Chromatography/Mass Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2002, 85, 704-711.	1.5	25
128	Formation of Fumonisin B <sub>1</sub> ~Glucose Reaction Product, <i>in Vitro</i> Cytotoxicity, and Lipid Peroxidation on Kidney Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 1359-1365.	5.2	25
129	Preliminary Estimation of Deoxynivalenol Excretion through a 24 h Pilot Study. <i>Toxins</i> , 2015, 7, 705-718.	3.4	25
130	Influence of the solvent on the gas chromatographic behaviour of urea herbicides. <i>Chromatographia</i> , 2001, 54, 253-262.	1.3	24
131	Survey of fumonisins B <sub>1</sub> , B <sub>2</sub> and B <sub>3</sub> in conventional and organic retail corn products in Spain and Italy and estimated dietary exposure. <i>Food Additives and Contaminants: Part B Surveillance</i> , 2009, 2, 146-153.	2.8	24
132	In silico methods for metabolomic and toxicity prediction of zearalenone, $\hat{\pm}$ -zearalenone and $\hat{2}$ -zearalenone. <i>Food and Chemical Toxicology</i> , 2020, 146, 111818.	3.6	24
133	Solid-phase microextraction-liquid chromatography-mass spectrometry applied to the analysis of insecticides in honey. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2008, 25, 59-69.	2.3	23
134	Alternariol-induced cytotoxicity in Caco-2 cells. Protective effect of the phenolic fraction from virgin olive oil. <i>Toxicol</i> , 2015, 93, 103-111.	1.6	23
135	Micronucleus induction and cell cycle alterations produced by deoxynivalenol and its acetylated derivatives in individual and combined exposure on HepG2 cells. <i>Food and Chemical Toxicology</i> , 2018, 118, 719-725.	3.6	23
136	Effects of aldicarb and propoxur on cytotoxicity and lipid peroxidation in CHO-K1 cells. <i>Food and Chemical Toxicology</i> , 2010, 48, 1592-1596.	3.6	21
137	Oxidative DNA damage and disturbance of antioxidant capacity by alternariol in Caco-2 cells. <i>Toxicology Letters</i> , 2015, 235, 61-66.	0.8	21
138	Cytoprotective effect of resveratrol diastereomers in CHO-K1 cells exposed to beauvericin. <i>Food and Chemical Toxicology</i> , 2015, 80, 319-327.	3.6	20
139	Nanoelectrospray with ion-trap mass spectrometry for the determination of beta-casomorphins in derived milk products. <i>Talanta</i> , 2009, 80, 294-306.	5.5	19
140	Mycotoxin Incidence in Some Fish Products: QuEChERS Methodology and Liquid Chromatography Linear Ion Trap Tandem Mass Spectrometry Approach. <i>Molecules</i> , 2019, 24, 527.	3.8	19
141	Solid-phase extraction on C18 in the trace determination of selected polychlorinated biphenyls in milk. <i>Journal of Chromatography A</i> , 1995, 693, 339-346.	3.7	18
142	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
143	Dietary exposure to trace elements and health risk assessment in the Region of Valencia (Spain). A Total Diet Study. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2016, 34, 228-240.	2.3	18
144	Multimycotoxin analysis in water and fish plasma by liquid chromatography-tandem mass spectrometry. <i>Chemosphere</i> , 2016, 145, 402-408.	8.2	18

#	ARTICLE	IF	CITATIONS
145	Development a mitigation strategy of enniatins in pasta under home-cooking conditions. <i>LWT - Food Science and Technology</i> , 2016, 65, 1017-1024.	5.2	18
146	Determination of thiobencarb residues in water and soil using solid-phase extraction discs. <i>Journal of Chromatography A</i> , 1994, 678, 375-379.	3.7	17
147	Capillary zone electrophoresis for the determination of thiabendazole, prochloraz and procymidone in grapes. <i>Analyst, The</i> , 2001, 126, 2134-2138.	3.5	17
148	Comparative assessment of three extraction procedures for determination of emerging Fusarium mycotoxins in pasta by LC-MS/MS. <i>Food Control</i> , 2013, 32, 105-114.	5.5	17
149	Comparison of three solid-phase extraction processes in quantification of ciprofloxacin and enrofloxacin in pork meat. <i>Journal of Separation Science</i> , 2012, 35, 832-838.	2.5	16
150	Bioaccessibility of Enniatins A, B, and B <sub>1</sub> in Different Commercial Breakfast Cereals, Cookies, and Breads of Spain. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 456-461.	5.2	16
151	Antioxidant capacity of trans-resveratrol dietary supplements alone or combined with the mycotoxin beauvericin. <i>Food and Chemical Toxicology</i> , 2017, 105, 315-318.	3.6	16
152	Solid-Phase Extraction of Organochlorine Pesticides from Water Samples. <i>International Journal of Environmental Analytical Chemistry</i> , 1990, 41, 21-26.	3.3	15
153	Effect of polyphenols on enniatins-induced cytotoxic effects in mammalian cells. <i>Toxicology Mechanisms and Methods</i> , 2012, 22, 687-695.	2.7	15
154	Risk assessment of beauvericin, enniatins and fusaproliferin present in follow-up infant formula by in vitro evaluation of the duodenal and colonic bioaccessibility. <i>Food Control</i> , 2014, 42, 234-241.	5.5	15
155	Dietary exposure and risk assessment of polychlorinated dibenzo-p-dioxins, polychlorinated dibenzofurans and dioxin-like polychlorinated biphenyls of the population in the Region of Valencia (Spain). <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2018, 35, 741-750.	2.3	15
156	Pumpkin extract and fermented whey individually and in combination alleviated AFB1- and OTA-induced alterations on neuronal differentiation in vitro. <i>Food and Chemical Toxicology</i> , 2022, 164, 113011.	3.6	15
157	Determination of polycyclic aromatic hydrocarbons in atmospheric particulate matter of Valencia city. <i>Fresenius' Journal of Analytical Chemistry</i> , 1991, 339, 743-745.	1.5	14
158	Influence of pro- and prebiotics on gastric, duodenal and colonic bioaccessibility of the mycotoxin beauvericin. <i>Journal of Food Composition and Analysis</i> , 2013, 32, 141-149.	3.9	14
159	Fluorimetric determination of hydrazine in isoniazid formulations with 2-hydroxy-1-naphthaldehyde. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1988, 6, 1023-1027.	2.8	13
160	Transcriptional Changes after Enniatins A, A <sub>1</sub> , B and B <sub>1</sub> Ingestion in Rat Stomach, Liver, Kidney and Lower Intestine. <i>Foods</i> , 2021, 10, 1630.	4.3	13
161	Gas chromatographic behaviour of urea herbicides. <i>Chromatographia</i> , 2001, 54, 360-364.	1.3	12
162	Liquid chromatographic determination of hydralazine in human plasma with 2-hydroxy-1-naphthaldehyde pre-column derivatization. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1990, 8, 795-798.	2.8	11

#	ARTICLE	IF	CITATIONS
163	Degradation study of enniatins by liquid chromatography-triple quadrupole linear ion trap mass spectrometry. <i>Food Chemistry</i> , 2013, 141, 4215-4225.	8.2	11
164	Effects of technological processes on enniatin levels in pasta. <i>Journal of the Science of Food and Agriculture</i> , 2016, 96, 1756-1763.	3.5	11
165	Bioaccessibility of Cylindrospermopsin from cooked fish muscle after the application of an in vitro digestion model and its bioavailability. <i>Food and Chemical Toxicology</i> , 2017, 110, 360-370.	3.6	11
166	Bioaccessibility and decomposition of cylindrospermopsin in vegetables matrices after the application of an in vitro digestion model. <i>Food and Chemical Toxicology</i> , 2018, 120, 164-171.	3.6	11
167	Analysis of Polychlorinated Biphenyls in Aqueous Samples Using C18 Glass Column Extraction. <i>Journal of AOAC INTERNATIONAL</i> , 1992, 75, 714-719.	1.5	10
168	Clean-up and confirmatory procedures for gas chromatographic analysis of pesticide residues. Part II. <i>Journal of Chromatography A</i> , 1994, 678, 109-117.	3.7	10
169	Solid-phase extraction disks for determining pesticides from soil leachates. <i>Journal of Chromatography A</i> , 1997, 776, 348-354.	3.7	10
170	Dispersive Liquid-Liquid Microextraction for the Determination of Emerging Fusarium Mycotoxins in Water. <i>Food Analytical Methods</i> , 2016, 9, 856-862.	2.6	10
171	Neurotoxicity of zearalenone's metabolites and beauvericin mycotoxins via apoptosis and cell cycle disruption. <i>Toxicology</i> , 2021, 456, 152784.	4.2	10
172	Clean-up and confirmation procedures for gas chromatographic determination of pesticide residues in contaminated waters. Part I. <i>Journal of Chromatography A</i> , 1993, 655, 285-292.	3.7	9
173	Mycotoxins occurrence in medicinal herbs dietary supplements and exposure assessment. <i>Journal of Food Science and Technology</i> , 2022, 59, 2830-2841.	2.8	9
174	Study of enzymatic activity in human neuroblastoma cells SH-SY5Y exposed to zearalenone's derivatives and beauvericin. <i>Food and Chemical Toxicology</i> , 2021, 152, 112227.	3.6	8
175	Transcriptional study after Beauvericin and Enniatin B combined exposure in Jurkat T cells. <i>Food and Chemical Toxicology</i> , 2019, 130, 122-129.	3.6	7
176	Cytoprotection assessment against mycotoxins on HepG2 cells by extracts from <i>Allium sativum</i> L. <i>Food and Chemical Toxicology</i> , 2021, 151, 112129.	3.6	7
177	Persistence of pesticide residues in orchard soil. <i>Science of the Total Environment</i> , 1994, 156, 199-205.	8.0	6
178	The soluble dietary fiber inulin can influence the bioaccessibility of enniatins. <i>Food and Function</i> , 2012, 3, 853.	4.6	6
179	Analysis of trichothecenes in laboratory rat feed by gas chromatography-tandem mass spectrometry. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2016, 33, 1-10.	2.3	6
180	Toxicological Assessment of Recombinant Xylanase X22 in Wine. <i>Journal of Agricultural and Food Chemistry</i> , 1999, 47, 1597-1602.	5.2	5

#	ARTICLE	IF	CITATIONS
181	Cancer mortality and exposure to chemical carcinogens in the work place: an ecological study in the Valencian Community, Spain (1981-1995). <i>European Journal of Epidemiology</i> , 2000, 16, 401-409.	5.7	5
182	Mycotoxin contamination in laboratory rat feeds and their implications in animal research. <i>Toxicology Mechanisms and Methods</i> , 2016, 26, 529-537.	2.7	5
183	Quantitation of enniatins in biological samples of Wistar rats after oral administration by LC-MS/MS. <i>Toxicology Mechanisms and Methods</i> , 2015, 25, 552-8.	2.7	5
184	Analysis of pyridoquinoline derivatives by liquid chromatography/atmospheric pressure chemical ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 862-866.	1.5	4
185	Production, purification, and mass spectrometry characterization of the cyclohexadepsipeptide enniatin J3 and study of the cytotoxicity on differentiated and undifferentiated Caco-2 cells. <i>Toxicological and Environmental Chemistry</i> , 2011, 93, 383-395.	1.2	4
186	Effects of Quercetin against Mycotoxin Induced Cytotoxicity: A Mini- Review. <i>Current Nutrition and Food Science</i> , 2017, 13, .	0.6	4
187	Effects of Voghiera garlic extracts in neuronal human cell line against zearalenone's derivatives and beauvericin. <i>Food and Chemical Toxicology</i> , 2022, 162, 112905.	3.6	4
188	BEHAVIOUR OF GRAPHITIZED CARBON BLACK IN THE EXTRACTION OF POLAR NON-IONIC NITROGEN-CONTAINING PESTICIDES. A CHECKING OF HYPOTHESES. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2000, 23, 2829-2838.	1.0	3
189	Multiresidue analysis of pesticides in pollen by pressurized liquid extraction and gas chromatography mass spectrometry. <i>Toxicology Letters</i> , 2010, 196, S343.	0.8	3
190	Editorial: Mechanism of mycotoxins. <i>Food and Chemical Toxicology</i> , 2019, 123, 520-521.	3.6	3
191	Evaluation of the Fate of Aldicarb and Its Metabolites in Oranges. <i>International Journal of Environmental Analytical Chemistry</i> , 1995, 58, 315-326.	3.3	2
192	Impact of Pharmacists'™ Participation in a Pharmacotherapy Follow-Up Program. <i>American Journal of Pharmaceutical Education</i> , 2012, 76, 34.	2.1	2
193	Binary and tertiary combinations of 3-ADON, 15-ADON and AOH mycotoxins on HepG2 cells: Evaluation of cytotoxic effects and detection of metabolite products. <i>Toxicology Letters</i> , 2015, 238, S65.	0.8	2
194	Determination of 5-nitrofurylacrylic acid in wines by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1988, 445, 264-267.	3.7	1
195	The effect of urban pollution on lead levels in air of the city of Valencia (Spain). May 1989–October 1990. <i>Science of the Total Environment</i> , 1995, 162, 111-117.	8.0	1
196	In vitro cytotoxicity of patulin, deoxynivalenol, nivalenol and zearalenone on CHO-K1 cells. <i>Toxicology Letters</i> , 2006, 164, S208.	0.8	1
197	Influence of the making and cooking pasta on enniatins contents. <i>Toxicology Letters</i> , 2013, 221, S121-S122.	0.8	1
198	DNA damage and antioxidant capacity produced by beauvericin, zearalenone and its metabolites in CHO-K1 cells. <i>Toxicology Letters</i> , 2014, 229, S50.	0.8	1

#	ARTICLE	IF	CITATIONS
199	A short study of deoxynivalenol correlation in diet and urine. Toxicology Letters, 2015, 238, S66-S67.	0.8	1
200	Risk assessment of mycotoxins in coffee beverages. Toxicology Letters, 2015, 238, S78-S79.	0.8	1
201	Evaluation of fruit consumption safety applying LC-MS. Toxicology Letters, 2006, 164, S280-S281.	0.8	0
202	Occurrence of fumonisins B1, B2 and B3 in maize-products commercialized in Italy and Spain. Toxicology Letters, 2008, 180, S234.	0.8	0
203	Comparative cytotoxicity effect of zearalenone and its metabolites on the CHO-K1 cells. Toxicology Letters, 2009, 189, S76.	0.8	0
204	Development and validation of a liquid chromatography tandem mass spectrometry method for the analysis of macrolides in honey. Toxicology Letters, 2010, 196, S343.	0.8	0
205	Bioaccessibility and bioavailability of the enniatins A, A1, B, B1 contained in a commercial wheat crispy bread. Toxicology Letters, 2010, 196, S344.	0.8	0
206	Antibacterial activity of the enniatins A, A1, B, B1 produced by fusarium tricinatum in liquid culture, and cytotoxicity effects on Caco-2 cells. Toxicology Letters, 2010, 196, S260-S261.	0.8	0
207	Determination of mycotoxins in multicereal flour by matrix solid phase dispersion and LC-MS/MS. Toxicology Letters, 2010, 196, S297.	0.8	0
208	Effect of different thermal processes in the reduction of enniatins in fish tissues. Toxicology Letters, 2014, 229, S178.	0.8	0
209	Cytotoxic effects by combining alternaria and trichotecene mycotoxins in liver hepatocellular carcinoma cells. Toxicology Letters, 2014, 229, S176.	0.8	0
210	Evolution of emerging Fusarium mycotoxins contents throughout the shelf-life period of food. Toxicology Letters, 2014, 229, S178.	0.8	0
211	Occurrence of mycotoxins in laboratory rat feeds. Toxicology Letters, 2015, 238, S74.	0.8	0