

Monica Fernandez Franzn

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

52
papers

2,348
citations

28
h-index

48
g-index

57
ext. papers

2,569
ext. citations

4.9
avg, IF

4.77
L-index

#	Paper	IF	Citations
52	Current trends in solid-phase-based extraction techniques for the determination of pesticides in food and environment. <i>Journal of Proteomics</i> , 2007 , 70, 117-31		179
51	Determination of carbamate residues in fruits and vegetables by matrix solid-phase dispersion and liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2000 , 871, 43-56	4.5	165
50	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	4.5	150
49	Dietary administration of high doses of pterostilbene and quercetin to mice is not toxic. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 3180-6	5.7	122
48	Control of pesticide residues by liquid chromatography-mass spectrometry to ensure food safety. <i>Mass Spectrometry Reviews</i> , 2006 , 25, 917-60	11	122
47	Assessment of pesticide residues in honey samples from Portugal and Spain. <i>Journal of Agricultural and Food Chemistry</i> , 2003 , 51, 8132-8	5.7	97
46	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, 537-43	8.5	96
45	Surveillance of pesticide residues in fruits from Valencia during twenty months (2004/05). <i>Food Control</i> , 2010 , 21, 36-44	6.2	90
44	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, 1733-43	4.4	70
43	Liquid chromatographic-mass spectrometric determination of post-harvest fungicides in citrus fruits. <i>Journal of Chromatography A</i> , 2001 , 912, 301-10	4.5	67
42	Application of matrix solid phase dispersion to the determination of imidacloprid, carbaryl, aldicarb, and their main metabolites in honeybees by liquid chromatography-mass spectrometry detection. <i>Talanta</i> , 2006 , 69, 724-9	6.2	65
41	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	6.6	62
40	Comparison of basal cytotoxicity of seven carbamates in CHO-K1 cells. <i>Toxicological and Environmental Chemistry</i> , 2006 , 88, 345-354	1.4	58
39	Effects of four carbamate compounds on antioxidant parameters. <i>Ecotoxicology and Environmental Safety</i> , 2009 , 72, 922-30	7	57
38	Determination of organophosphorus pesticides in honeybees after solid-phase microextraction. <i>Journal of Chromatography A</i> , 2001 , 922, 257-65	4.5	56
37	Presence of ochratoxin A (OTA) mycotoxin in alcoholic drinks from southern European countries: wine and beer. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 7643-51	5.7	54
36	Analysis of organophosphorus pesticides in honeybee by liquid chromatography-atmospheric pressure chemical ionization-mass spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2001 , 49, 3540-7	5.7	53

35	Analysis of fumonisins in corn-based food by liquid chromatography with fluorescence and mass spectrometry detectors. <i>Food Chemistry</i> , 2009 , 112, 1031-1037	8.5	52
34	Multi-mycotoxins Analysis in Dried Fruit by LC/MS/MS and a Modified QuEChERS Procedure. <i>Food Analytical Methods</i> , 2014 , 7, 935-945	3.4	50
33	In vitro antifungal activity of lactic acid bacteria against mycotoxigenic fungi and their application in loaf bread shelf life improvement. <i>Food Control</i> , 2016 , 67, 273-277	6.2	49
32	Application of capillary electrophoresis-mass spectrometry for determining organic food contaminants and residues. <i>Electrophoresis</i> , 2008 , 29, 2059-78	3.6	45
31	Analysis of fumonisins B(1), B(2) and B(3) in corn-based baby food by pressurized liquid extraction and liquid chromatography/tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2008 , 1209, 188-945	4.5	44
30	Antifungal activity of gaseous allyl, benzyl and phenyl isothiocyanate in vitro and their use for fumonisins reduction in bread. <i>Food Control</i> , 2013 , 32, 428-434	6.2	41
29	Survey of mycotoxins in dates and dried fruits from Tunisian and Spanish markets. <i>Food Control</i> , 2015 , 51, 340-346	6.2	37
28	Toxicity evaluation of individual and mixed enniatins using an in vitro method with CHO-K1 cells. <i>Toxicology in Vitro</i> , 2013 , 27, 672-80	3.6	37
27	Occurrence of fumonisins B1 and B2 in broa, typical Portuguese maize bread. <i>International Journal of Food Microbiology</i> , 2007 , 118, 79-82	5.8	34
26	Multi-mycotoxin contamination of couscous semolina commercialized in Morocco. <i>Food Chemistry</i> , 2017 , 214, 440-446	8.5	33
25	Rapid screening of organophosphorus pesticides in honey and bees by liquid chromatography-mass spectrometry. <i>Chromatographia</i> , 2002 , 56, 577-583	2.1	30
24	Antimicrobial packaging based on e-polylysine bioactive film for the control of mycotoxigenic fungi in vitro and in bread. <i>Journal of Food Processing and Preservation</i> , 2018 , 42, e13370	2.1	27
23	Fumonisins determination in urine by LC-MS-MS. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 396, 809-114	4.4	27
22	Survey of fumonisins B1, B2 and B3 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, 146-33	3.3	23
21	Formation of fumonisin B(1)-glucose reaction product, in vitro cytotoxicity, and lipid peroxidation on kidney cells. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 1359-65	5.7	22
20	Effects of aldicarb and propoxur on cytotoxicity and lipid peroxidation in CHO-K1 cells. <i>Food and Chemical Toxicology</i> , 2010 , 48, 1592-6	4.7	19
19	Study of the chemical reduction of the fumonisins toxicity using allyl, benzyl and phenyl isothiocyanate in model solution and in food products. <i>Toxicol</i> , 2013 , 63, 137-46	2.8	18
18	Dietary exposure to mycotoxins through the consumption of commercial bread loaf in Valencia, Spain. <i>LWT - Food Science and Technology</i> , 2017 , 75, 697-701	5.4	17

17	Occurrence of mycotoxins in refrigerated pizza dough and risk assessment of exposure for the Spanish population. <i>Food and Chemical Toxicology</i> , 2016 , 94, 19-24	4.7	17
16	Shelf life improvement of the loaf bread using allyl, phenyl and benzyl isothiocyanates against <i>Aspergillus parasiticus</i> . <i>LWT - Food Science and Technology</i> , 2017 , 78, 208-214	5.4	16
15	Comparative cytotoxicity ofalachlor on RTG-2 trout and SH-SY5Y human cells. <i>Archives of Environmental Contamination and Toxicology</i> , 2006 , 51, 515-20	3.2	16
14	Comparison of gas and liquid chromatography coupled to mass spectrometry for the residue analysis of pesticides in oranges. <i>Chromatographia</i> , 2001 , 54, 302-308	2.1	15
13	Reaction of zearalenone and zearalenol with allyl isothiocyanate, characterization of reaction products, their bioaccessibility and bioavailability in vitro. <i>Food Chemistry</i> , 2017 , 217, 648-654	8.5	14
12	Bioactive compounds from mustard flours for the control of patulin production in wheat tortillas. <i>LWT - Food Science and Technology</i> , 2016 , 66, 101-107	5.4	13
11	Multi-Occurrence of Twenty Mycotoxins in Pasta and a Risk Assessment in the Moroccan Population. <i>Toxins</i> , 2018 , 10,	4.9	13
10	Exposure assessment of fruits contaminated with pesticide residues from Valencia, 2001- 03. <i>Food Additives and Contaminants</i> , 2006 , 23, 674-82		12
9	Reduction of the aflatoxins B1, B2, G1 and G2 in Italian piadina by isothiocyanates. <i>LWT - Food Science and Technology</i> , 2016 , 70, 302-308	5.4	11
8	Mycotoxin Dietary Exposure Assessment through Fruit Juices Consumption in Children and Adult Population. <i>Toxins</i> , 2019 , 11,	4.9	10
7	Antimicrobial Activity of the Glucosinolates. <i>Reference Series in Phytochemistry</i> , 2017 , 249-274	0.7	8
6	Sterigmatocystin-induced cytotoxicity via oxidative stress induction in human neuroblastoma cells. <i>Food and Chemical Toxicology</i> , 2020 , 136, 110956	4.7	8
5	The role of mitochondria in sterigmatocystin-induced apoptosis on SH-SY5Y cells. <i>Food and Chemical Toxicology</i> , 2020 , 142, 111493	4.7	7
4	Cytotoxic effects of individual and combined sterigmatocystin and nivalenol on liver hepatocellular carcinoma cells. <i>Food and Chemical Toxicology</i> , 2020 , 143, 111473	4.7	6
3	Isolation, purification, LC-MS/MS characterization and reactive oxygen species induced by fumonisin B1 in VERO cells. <i>Food and Chemical Toxicology</i> , 2010 , 48, 2891-7	4.7	5
2	Toxicological assessment of recombinant xylanase X(22) in wine. <i>Journal of Agricultural and Food Chemistry</i> , 1999 , 47, 1597-602	5.7	5
1	Risk Assessment and Mitigation of the Mycotoxin Content in Medicinal Plants by the Infusion Process. <i>Plant Foods for Human Nutrition</i> , 2020 , 75, 362-368	3.9	3