

Ana Juan-Garcia

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.

82
papers

2,497
citations

30
h-index

48
g-index

95
ext. papers

2,885
ext. citations

4.6
avg, IF

5.48
L-index

#	Paper	IF	Citations
82	Reactive oxygen species induced by beauvericin, patulin and zearalenone in CHO-K1 cells. <i>Toxicology in Vitro</i> , 2009 , 23, 1504-9	3.6	135
81	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, 233-41	4.5	99
80	Presence of mycotoxin in commercial infant formulas and baby foods from Italian market. <i>Food Control</i> , 2014 , 39, 227-236	6.2	95
79	Occurrence of Fusarium mycotoxins in Italian cereal and cereal products from organic farming. <i>Food Chemistry</i> , 2013 , 141, 1747-55	8.5	91
78	Fusarium species, chemotype characterisation and trichothecene contamination of durum and soft wheat in an area of central Italy. <i>Journal of the Science of Food and Agriculture</i> , 2015 , 95, 540-51	4.3	87
77	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, 229-36	4.5	87
76	Cytotoxic effects of mycotoxin combinations in mammalian kidney cells. <i>Food and Chemical Toxicology</i> , 2011 , 49, 2718-24	4.7	83
75	Beauvericin-induced cytotoxicity via ROS production and mitochondrial damage in Caco-2 cells. <i>Toxicology Letters</i> , 2013 , 222, 204-11	4.4	82
74	Determination of quinolone residues in chicken and fish by capillary electrophoresis-mass spectrometry. <i>Electrophoresis</i> , 2006 , 27, 2240-9	3.6	81
73	Determination of trichothecenes and zearalenones in grain cereal, flour and bread by liquid chromatography tandem mass spectrometry. <i>Food Chemistry</i> , 2012 , 134, 2389-97	8.5	77
72	Toxicological interactions between the mycotoxins beauvericin, deoxynivalenol and T-2 toxin in CHO-K1 cells in vitro. <i>Toxicon</i> , 2011 , 58, 315-26	2.8	74
71	Simultaneous analysis of twenty-six mycotoxins in durum wheat grain from Italy. <i>Food Control</i> , 2016 , 62, 322-329	6.2	72
70	Evaluation of solid-phase extraction and stir-bar sorptive extraction for the determination of fungicide residues at low-microg kg(-1) levels in grapes by liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2004 , 1050, 119-27	4.5	65
69	Evaluation of beauvericin and enniatins in Italian cereal products and multicereal food by liquid chromatography coupled to triple quadrupole mass spectrometry. <i>Food Chemistry</i> , 2013 , 140, 755-62	8.5	63
68	Occurrence and co-occurrence of Fusarium mycotoxins in wheat grains and wheat flour from Romania. <i>Food Control</i> , 2017 , 73, 147-155	6.2	60
67	Simultaneous determination of different classes of antibiotics in fish and livestock by CE-MS. <i>Electrophoresis</i> , 2007 , 28, 4180-91	3.6	58
66	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

65	Reactive oxygen species involvement in apoptosis and mitochondrial damage in Caco-2 cells induced by enniatins A, A β B and B β . <i>Toxicology Letters</i> , 2013 , 222, 36-44	4.4	49
64	Involvement of enniatins-induced cytotoxicity in human HepG2 cells. <i>Toxicology Letters</i> , 2013 , 218, 166-174	4.4	46
63	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	6.2	45
62	Quantitative analysis of six pesticides in fruits by capillary electrophoresis-electrospray-mass spectrometry. <i>Electrophoresis</i> , 2005 , 26, 1550-61	3.6	45
61	Residues and persistence of neem formulations on strawberry after field treatment. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 10026-32	5.7	41
60	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,	4.9	41
59	Mechanisms of beauvericin toxicity and antioxidant cellular defense. <i>Toxicology Letters</i> , 2016 , 246, 28-34	4.4	40
58	Pressurised liquid extraction and capillary electrophoresis-mass spectrometry for the analysis of pesticide residues in fruits from Valencian markets, Spain. <i>Food Chemistry</i> , 2010 , 120, 1242-1249	8.5	39
57	Determination of organic contaminants in food by capillary electrophoresis. <i>Journal of Separation Science</i> , 2005 , 28, 793-812	3.4	39
56	Differential mitochondrial toxicity screening and multi-parametric data analysis. <i>PLoS ONE</i> , 2012 , 7, e45226	3.7	35
55	Determination of mycotoxins in fruit berry by-products using QuEChERS extraction method. <i>LWT - Food Science and Technology</i> , 2017 , 86, 344-351	5.4	33
54	On-line preconcentration strategies for analyzing pesticides in fruits and vegetables by micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 2007 , 1153, 104-13	4.5	33
53	Cytotoxicity, Genotoxicity and Disturbance of Cell Cycle in HepG2 Cells Exposed to OTA and BEA: Single and Combined Actions. <i>Toxins</i> , 2019 , 11,	4.9	30
52	Cytotoxic effects and degradation products of three mycotoxins: alternariol, 3-acetyl-deoxynivalenol and 15-acetyl-deoxynivalenol in liver hepatocellular carcinoma cells. <i>Toxicology Letters</i> , 2015 , 235, 8-16	4.4	30
51	Presence of Enniatins and Beauvericin in Romanian Wheat Samples: From Raw Material to Products for Direct Human Consumption. <i>Toxins</i> , 2017 , 9,	4.9	30
50	Effects of deoxynivalenol, 3-acetyl-deoxynivalenol and 15-acetyl-deoxynivalenol on parameters associated with oxidative stress in HepG2 cells. <i>Mycotoxin Research</i> , 2019 , 35, 197-205	4	30
49	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	2.8	29
48	Binary and tertiary combination of alternariol, 3-acetyl-deoxynivalenol and 15-acetyl-deoxynivalenol on HepG2 cells: Toxic effects and evaluation of degradation products. <i>Toxicology in Vitro</i> , 2016 , 34, 264-273	3.6	26

47	Applications of flow cytometry to toxicological mycotoxin effects in cultured mammalian cells: a review. <i>Food and Chemical Toxicology</i> , 2013 , 56, 40-59	4-7	25
46	Beauvericin and enniatin B effects on a human lymphoblastoid Jurkat T-cell model. <i>Food and Chemical Toxicology</i> , 2018 , 115, 127-135	4-7	24
45	Accelerated solvent extraction of ochratoxin a from rice samples. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 9348-51	5-7	24
44	Enniatin A1, enniatin B1 and beauvericin on HepG2: Evaluation of toxic effects. <i>Food and Chemical Toxicology</i> , 2015 , 84, 188-96	4-7	23
43	Alternariol induce toxicity via cell death and mitochondrial damage on Caco-2 cells. <i>Food and Chemical Toxicology</i> , 2016 , 88, 32-9	4-7	22
42	Study on Trichothecene and Zearalenone Presence in Romanian Wheat Relative to Weather Conditions. <i>Toxins</i> , 2019 , 11,	4-9	20
41	Individual and Combined Effect of Zearalenone Derivates and Beauvericin Mycotoxins on SH-SY5Y Cells. <i>Toxins</i> , 2020 , 12,	4-9	19
40	Climatic conditions influence emerging mycotoxin presence in wheat grown in Romania A 2-year survey. <i>Crop Protection</i> , 2017 , 100, 124-133	2-7	18
39	Multimycotoxin Determination in Tunisian Farm Animal Feed. <i>Journal of Food Science</i> , 2019 , 84, 3885-3893	3-4	18
38	Nanoelectrospray with ion-trap mass spectrometry for the determination of beta-casomorphins in derived milk products. <i>Talanta</i> , 2009 , 80, 294-306	6-2	17
37	Evaluation of Alternaria mycotoxins in strawberries: quantification and storage condition. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2016 , 33, 861-8	3-2	16
36	Cytoprotective effects of carotenoids-rich extract from Lycium barbarum L. on the beauvericin-induced cytotoxicity on Caco-2 cells. <i>Food and Chemical Toxicology</i> , 2019 , 133, 110798	4-7	15
35	Multiple Mycotoxin Determination on Tunisian Cereals-Based Food and Evaluation of the Population Exposure. <i>Food Analytical Methods</i> , 2020 , 13, 1271-1281	3-4	15
34	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	4-7	15
33	In silico methods for metabolomic and toxicity prediction of zearalenone, zearalenone and zearalenone. <i>Food and Chemical Toxicology</i> , 2020 , 146, 111818	4-7	15
32	First study on trichothecene and zearalenone exposure of the Romanian population through wheat-based products consumption. <i>Food and Chemical Toxicology</i> , 2018 , 121, 336-342	4-7	15
31	Beauvericin and ochratoxin A mycotoxins individually and combined in HepG2 cells alter lipid peroxidation, levels of reactive oxygen species and glutathione. <i>Food and Chemical Toxicology</i> , 2020 , 139, 111247	4-7	14
30	Chemoprotective effect of carotenoids from Lycium barbarum L. on SH-SY5Y neuroblastoma cells treated with beauvericin. <i>Food and Chemical Toxicology</i> , 2020 , 141, 111414	4-7	14

29	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	4.4	13
28	Rapid Quantification Method of Three Alternaria Mycotoxins in Strawberries. <i>Food Analytical Methods</i> , 2016 , 9, 1573-1579	3.4	11
27	Blood, breast milk and urine: potential biomarkers of exposure and estimated daily intake of ochratoxin A: a review. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2016 , 33, 313-28	3.2	11
26	Larval zebrafish as an in vitro model for evaluating toxicological effects of mycotoxins. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 202, 110909	7	9
25	Analysis of enniatins and beauvericin by LC-MS/MS in wheat-based products. <i>CYTA - Journal of Food</i> , 2017 , 15, 433-440	2.3	8
24	Extraction of Phenolic Compounds from Fresh Apple Pomace by Different Non-Conventional Techniques. <i>Molecules</i> , 2021 , 26,	4.8	8
23	Transfer of Fusarium mycotoxins from malt to boiled wort. <i>Food Chemistry</i> , 2019 , 278, 700-710	8.5	8
22	Phenolic Acids from Lycium barbarum Leaves: In Vitro and In Silico Studies of the Inhibitory Activity against Porcine Pancreatic α -Amylase. <i>Processes</i> , 2020 , 8, 1388	2.9	7
21	Does low concentration mycotoxin exposure induce toxicity in HepG2 cells through oxidative stress?. <i>Toxicology Mechanisms and Methods</i> , 2020 , 30, 417-426	3.6	7
20	Multi-mycotoxin contamination of green tea infusion and dietary exposure assessment in Moroccan population. <i>Food Research International</i> , 2021 , 140, 109958	7	7
19	Mycotoxins presence in pre- and post-fermented silage from Tunisia. <i>Arabian Journal of Chemistry</i> , 2020 , 13, 6753-6761	5.9	6
18	Antioxidant and Anti-Inflammatory Profiles of Spent Coffee Ground Extracts for the Treatment of Neurodegeneration. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 6620913	6.7	6
17	Cytoprotection assessment against mycotoxins on HepG2 cells by extracts from Allium sativum L. <i>Food and Chemical Toxicology</i> , 2021 , 151, 112129	4.7	5
16	Study of locomotion response and development in zebrafish (Danio rerio) embryos and larvae exposed to enniatin A, enniatin B, and beauvericin. <i>Science of the Total Environment</i> , 2021 , 777, 146075	10.2	5
15	Reducing the effect of beauvericin on neuroblastoma SH-SY5Y cell line by natural products. <i>Toxicon</i> , 2020 , 188, 164-171	2.8	4
14	Neurotoxicity of zearalenone's metabolites and beauvericin mycotoxins via apoptosis and cell cycle disruption. <i>Toxicology</i> , 2021 , 456, 152784	4.4	4
13	Emerging contaminants and priority substances in marine sediments from Cartagena Bay and the Grand Marsh of Santa Marta (Ramsar site), Colombia. <i>Environmental Monitoring and Assessment</i> , 2021 , 193, 596	3.1	4
12	Study of enzymatic activity in human neuroblastoma cells SH-SY5Y exposed to zearalenone's derivates and beauvericin. <i>Food and Chemical Toxicology</i> , 2021 , 152, 112227	4.7	3

11	Coffee Silverskin and Spent Coffee Suitable as Neuroprotectors against Cell Death by Beauvericin and Zearalenol: Evaluating Strategies of Treatment. <i>Toxins</i> , 2021 , 13,	4.9	3
10	Evaluation of Mycotoxins in Infant Breast Milk and Infant Food, Reviewing the Literature Data. <i>Toxins</i> , 2021 , 13,	4.9	3
9	Development of an Extraction Method of Aflatoxins and Ochratoxin A from Oral, Gastric and Intestinal Phases of Digested Bread by In Vitro Model.. <i>Toxins</i> , 2022 , 14,	4.9	2
8	Occurrence of Free and Conjugated Mycotoxins in Aromatic and Medicinal Plants and Dietary Exposure Assessment in the Moroccan Population. <i>Toxins</i> , 2021 , 13,	4.9	2
7	Emerging mycotoxins: enniatins (A, A1, B and B1) and beauvericin 2014 , 68-89		1
6	Protective Effects of the Hydroethanolic Extract of on Undifferentiated Human Neuroblastoma Cells Exposed to Zearalenol (ZEL) and Zearalenol (ZEL). <i>Toxins</i> , 2021 , 13,	4.9	1
5	Multimycotoxin Analysis in Oat, Rice, Almond and Soy Beverages by Liquid Chromatography-Tandem Mass Spectrometry. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 3942	2.6	1
4	Biomarkers of Exposure to Zearalenone in In Vivo and In Vitro Studies. <i>Toxins</i> , 2022 , 14, 291	4.9	1
3	Biological Mechanisms behind Wischnewsky Spots Finding on Gastric Mucosa: Autopsy Cases and Literature Review.. <i>International Journal of Environmental Research and Public Health</i> , 2022 , 19,	4.6	0
2	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	4.7	0
1	Effectiveness of beetroot extract in SH-SY5Y neuronal cell protection against Fumonisin B1, Ochratoxin A and its combination. <i>Food and Chemical Toxicology</i> , 2022 , 113164	4.7	0