

Maria Luisa Fernandez-Cruz

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55
papers

1,433
citations

19
h-index

37
g-index

56
ext. papers

1,693
ext. citations

5.2
avg, IF

4.59
L-index

#	Paper	IF	Citations
55	Internalization and cytotoxicity of graphene oxide and carboxyl graphene nanoplatelets in the human hepatocellular carcinoma cell line Hep G2. <i>Particle and Fibre Toxicology</i> , 2013 , 10, 27	8.4	272
54	Mycotoxins in fruits and their processed products: Analysis, occurrence and health implications. <i>Journal of Advanced Research</i> , 2010 , 1, 113-122	13	118
53	Risk assessment of coccidostatics during feed cross-contamination: animal and human health aspects. <i>Toxicology and Applied Pharmacology</i> , 2013 , 270, 196-208	4.6	92
52	Nitrite in feed: from animal health to human health. <i>Toxicology and Applied Pharmacology</i> , 2013 , 270, 209-17	4.6	77
51	Species-specific toxicity of copper nanoparticles among mammalian and piscine cell lines. <i>Nanotoxicology</i> , 2014 , 8, 383-93	5.3	73
50	Tissue distribution of zinc and subtle oxidative stress effects after dietary administration of ZnO nanoparticles to rainbow trout. <i>Science of the Total Environment</i> , 2016 , 551-552, 334-43	10.2	66
49	Pharmacokinetics of doxycycline in broiler chickens. <i>Avian Pathology</i> , 1994 , 23, 79-90	2.4	52
48	Comparative Cytotoxicity Study of Silver Nanoparticles (AgNPs) in a Variety of Rainbow Trout Cell Lines (RTL-W1, RTH-149, RTG-2) and Primary Hepatocytes. <i>International Journal of Environmental Research and Public Health</i> , 2015 , 12, 5386-405	4.6	48
47	Comparative cytotoxicity induced by bulk and nanoparticulated ZnO in the fish and human hepatoma cell lines PLHC-1 and Hep G2. <i>Nanotoxicology</i> , 2013 , 7, 935-52	5.3	44
46	Cytotoxicity of the mycotoxins deoxynivalenol and ochratoxin A on Caco-2 cell line in presence of resveratrol. <i>Toxicology in Vitro</i> , 2015 , 29, 1639-46	3.6	43
45	The potentiation effect makes the difference: non-toxic concentrations of ZnO nanoparticles enhance Cu nanoparticle toxicity in vitro. <i>Science of the Total Environment</i> , 2015 , 505, 253-60	10.2	42
44	Gamma irradiation effects on ochratoxin A: Degradation, cytotoxicity and application in food. <i>Food Chemistry</i> , 2018 , 240, 463-471	8.5	37
43	Effects of aflatoxin B ₁ fumonisin B ₁ and their mixture on the aryl hydrocarbon receptor and cytochrome P450 1A induction. <i>Food and Chemical Toxicology</i> , 2015 , 75, 104-11	4.7	33
42	Effects of cerium oxide nanoparticles to fish and mammalian cell lines: An assessment of cytotoxicity and methodology. <i>Toxicology in Vitro</i> , 2012 , 26, 888-96	3.6	30
41	Quality evaluation of human and environmental toxicity studies performed with nanomaterials using the GUIDEnano approach. <i>Environmental Science: Nano</i> , 2018 , 5, 381-397	7.1	29
40	Field-incurred fenitrothion residues in kakis: comparison of individual fruits, composite samples, and peeled and cooked fruits. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 860-3	5.7	28
39	Usefulness of fish cell lines for the initial characterization of toxicity and cellular fate of graphene-related materials (carbon nanofibers and graphene oxide). <i>Chemosphere</i> , 2019 , 218, 347-358	8.4	24

38	Differences in the induction of cyp1A and related genes in cultured rainbow trout <i>Oncorhynchus mykiss</i> . Additional considerations for the use of EROD activity as a biomarker. <i>Journal of Fish Biology</i> , 2012 , 81, 270-87	1.9	22
37	Pharmacokinetics of amoxicillin in broiler chickens. <i>Avian Pathology</i> , 1996 , 25, 449-58	2.4	22
36	Negligible cytotoxicity induced by different titanium dioxide nanoparticles in fish cell lines. <i>Ecotoxicology and Environmental Safety</i> , 2017 , 138, 309-319	7	18
35	Toxicokinetics of deltamethrin and its 4UHO-metabolite in the rat. <i>Toxicology and Applied Pharmacology</i> , 1996 , 141, 8-16	4.6	18
34	Assessment of estrogenic and thyrogenic activities in fish feeds. <i>Aquaculture</i> , 2012 , 338-341, 172-180	4.4	17
33	Fish cell lines as a tool for the ecotoxicity assessment and ranking of engineered nanomaterials. <i>Regulatory Toxicology and Pharmacology</i> , 2017 , 90, 297-307	3.4	15
32	Effects of a silver nanomaterial on cellular organelles and time course of oxidative stress in a fish cell line (PLHC-1). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2016 , 190, 54-65	3.2	15
31	Captan and fenitrothion dissipation in field-treated cauliflowers and effect of household processing. <i>Pest Management Science</i> , 2006 , 62, 637-45	4.6	15
30	Analytical study of trichlorfon residues in Kaki fruit and cauliflower samples by liquid chromatography-electrospray tandem mass spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 1188-95	5.7	14
29	Effects of flumethrin on hepatic drug-metabolizing enzymes and antipyrine disposition in rats. <i>Toxicology and Applied Pharmacology</i> , 1995 , 132, 14-8	4.6	14
28	Cytotoxicity against fish and mammalian cell lines and endocrine activity of the mycotoxins beauvericin, deoxynivalenol and ochratoxin-A. <i>Food and Chemical Toxicology</i> , 2019 , 127, 288-297	4.7	13
27	In vitro assessment of thyroidal and estrogenic activities in poultry and broiler manure. <i>Science of the Total Environment</i> , 2014 , 472, 630-41	10.2	13
26	In vitro dose-response effects of poly(amidoamine) dendrimers [amino-terminated and surface-modified with N-(2-hydroxydodecyl) groups] and quantitative determination by a liquid chromatography-hybrid quadrupole/time-of-flight mass spectrometry based method. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 404, 2749-63	4.4	12
25	Biological and chemical studies on aryl hydrocarbon receptor induction by the p53 inhibitor pifithrin- α and its condensation product pifithrin- β <i>Life Sciences</i> , 2011 , 88, 774-83	6.8	12
24	Acute hazard of biocides for the aquatic environmental compartment from a life-cycle perspective. <i>Science of the Total Environment</i> , 2019 , 658, 416-423	10.2	12
23	In vitro toxicity of reuterin, a potential food biopreservative. <i>Food and Chemical Toxicology</i> , 2016 , 96, 155-9	4.7	9
22	Dissolution and aggregation of Cu nanoparticles in culture media: effects of incubation temperature and particles size. <i>Journal of Nanoparticle Research</i> , 2015 , 17, 1	2.3	8
21	Environmental hazard testing of nanobiomaterials. <i>Environmental Sciences Europe</i> , 2020 , 32,	5	8

20	Mechanisms underlying the enhancement of toxicity caused by the coincubation of zinc oxide and copper nanoparticles in a fish hepatoma cell line. <i>Environmental Toxicology and Chemistry</i> , 2016 , 35, 2562-2570	3.8	8
19	Acute toxic effects caused by the co-exposure of nanoparticles of ZnO and Cu in rainbow trout. <i>Science of the Total Environment</i> , 2019 , 687, 24-33	10.2	7
18	Development of a new tool for the long term in vitro ecotoxicity testing of nanomaterials using a rainbow-trout cell line (RTL-W1). <i>Toxicology in Vitro</i> , 2018 , 50, 305-317	3.6	7
17	Induction of cytochrome P4501A1 and P4504A1 activities and peroxisomal proliferation by fumonisin B1. <i>Toxicology and Applied Pharmacology</i> , 1996 , 141, 185-94	4.6	7
16	Residue levels of captan and trichlorfon in field-treated kaki fruits, individual versus composite samples, and after household processing. <i>Food Additives and Contaminants</i> , 2006 , 23, 591-600		6
15	Recovery of redox homeostasis altered by CuNPs in H4IIE liver cells does not reduce the cytotoxic effects of these NPs: an investigation using aryl hydrocarbon receptor (AhR) dependent antioxidant activity. <i>Chemico-Biological Interactions</i> , 2015 , 228, 57-68	5	5
14	Androgens and androgenic activity in broiler manure assessed by means of chemical analyses and in vitro bioassays. <i>Environmental Toxicology and Chemistry</i> , 2017 , 36, 1746-1754	3.8	4
13	Effect of Gamma-Radiation on Zearalenone-Degradation, Cytotoxicity and Estrogenicity. <i>Foods</i> , 2020 , 9,	4.9	4
12	Cytotoxicity of Mycotoxins Frequently Present in Aquafeeds to the Fish Cell Line RTGill-W1. <i>Toxins</i> , 2021 , 13,	4.9	4
11	Comparing in vivo data and in silico predictions for acute effects assessment of biocidal active substances and metabolites for aquatic organisms. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 205, 111291	7	3
10	Simultaneous Determination of 15 Mycotoxins in Aquaculture Feed by Liquid Chromatography Tandem Mass Spectrometry. <i>Toxins</i> , 2022 , 14, 316	4.9	3
9	Peptide-biphenyl hybrid-capped AuNPs: stability and biocompatibility under cell culture conditions. <i>Nanoscale Research Letters</i> , 2013 , 8, 315	5	2
8	Risk assessment of coccidiostats after cross-contamination of feed: Implications for animal and human health. <i>Toxicology Letters</i> , 2008 , 180, S61	4.4	2
7	The first risk benefit assessment of nitrate in vegetables: A European perspective. <i>Toxicology Letters</i> , 2008 , 180, S65	4.4	2
6	The protective effect of stilbenes resveratrol and pterostilbene individually and combined with mycotoxin citrinin in human adenocarcinoma HT-29 cell line. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2021 , 56, 75-88	2.3	2
5	Fish cell lines as screening tools to predict acute toxicity to fish of biocidal active substances and their relevant environmental metabolites. <i>Aquatic Toxicology</i> , 2021 , 242, 106020	5.1	1
4	Cytotoxicity in pig hepatocytes induced by 8-quinolinol, chloramine-T and natamycin. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2000 , 23, 37-44	1.4	0
3	Nanopharmaceuticals (Au-NPs) after use: Experiences with a complex higher tier test design simulating environmental fate and effect. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 227, 112949	7	0

2 Computational Tools for the Assessment and Substitution of Biocidal Active Substances of Ecotoxicological Concern **2021**, 527-546

1 Preparation of feed with metal oxide nanoparticles for nanomaterial dietary exposure to fish and use in OECD TG 305. *MethodsX*, **2021**, 8, 101413

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