

Maria Luisa Fernandez-Cruz

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

1,918
citations

331259

21
h-index

253896

43
g-index

56
all docs

56
docs citations

56
times ranked

3961
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.8	342
2	Mycotoxins in fruits and their processed products: Analysis, occurrence and health implications. <i>Journal of Advanced Research</i> , 2010, 1, 113-122.	4.4	163
3	Risk assessment of coccidostatics during feed cross-contamination: Animal and human health aspects. <i>Toxicology and Applied Pharmacology</i> , 2013, 270, 196-208.	1.3	122
4	Nitrite in feed: From Animal health to human health. <i>Toxicology and Applied Pharmacology</i> , 2013, 270, 209-217.	1.3	100
5	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, 334-343.	3.9	93
6	Species-specific toxicity of copper nanoparticles among mammalian and piscine cell lines. <i>Nanotoxicology</i> , 2014, 8, 383-393.	1.6	91
7	Pharmacokinetics of doxycycline in broiler chickens. <i>Avian Pathology</i> , 1994, 23, 79-90.	0.8	65
8	Gamma irradiation effects on ochratoxin A: Degradation, cytotoxicity and application in food. <i>Food Chemistry</i> , 2018, 240, 463-471.	4.2	62
9	Comparative Cytotoxicity Study of Silver Nanoparticles (AgNPs) in a Variety of Rainbow Trout Cell Lines (RTL-W1, RTH-149, RTC-2) and Primary Hepatocytes. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 5386-5405.	1.2	57
10	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, 935-952.	1.6	53
11	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, 253-260.	3.9	52
12	Effects of aflatoxin B1, fumonisin B1 and their mixture on the aryl hydrocarbon receptor and cytochrome P450 1A induction. <i>Food and Chemical Toxicology</i> , 2015, 75, 104-111.	1.8	51
13	Cytotoxicity of the mycotoxins deoxynivalenol and ochratoxin A on Caco-2 cell line in presence of resveratrol. <i>Toxicology in Vitro</i> , 2015, 29, 1639-1646.	1.1	48
14	Quality evaluation of human and environmental toxicity studies performed with nanomaterials â€” the GUIDEnano approach. <i>Environmental Science: Nano</i> , 2018, 5, 381-397.	2.2	48
15	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.	4.2	38
16	Effects of cerium oxide nanoparticles to fish and mammalian cell lines: An assessment of cytotoxicity and methodology. <i>Toxicology in Vitro</i> , 2012, 26, 888-896.	1.1	33
17	Pharmacokinetics of amoxicillin in broiler chickens. <i>Avian Pathology</i> , 1996, 25, 449-458.	0.8	31
18	Field-Incurred Fenitrothion Residues in Kakis:â€” Comparison of Individual Fruits, Composite Samples, and Peeled and Cooked Fruits. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 860-863.	2.4	31

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19	Negligible cytotoxicity induced by different titanium dioxide nanoparticles in fish cell lines. <i>Ecotoxicology and Environmental Safety</i> , 2017, 138, 309-319.	2.9	30
20	Differences in the induction of <i>cyp1A</i> 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, 270-287.	0.7	22
21	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.	1.3	21
22	Toxicokinetics of deltamethrin and its 4'-HO-metabolite in the rat. <i>Toxicology and Applied Pharmacology</i> , 1996, 141, 8-16.	1.3	21
23	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.	1.8	20
24	Assessment of estrogenic and thyrogenic activities in fish feeds. <i>Aquaculture</i> , 2012, 338-341, 172-180.	1.7	19
25	Effects of Flumethrin on Hepatic Drug-Metabolizing Enzymes and Antipyrine Disposition in Rats. <i>Toxicology and Applied Pharmacology</i> , 1995, 132, 14-18.	1.3	16
26	Captan and fenitrothion dissipation in field-treated cauliflowers and effect of household processing. <i>Pest Management Science</i> , 2006, 62, 637-645.	1.7	16
27	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.	1.3	16
28	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, 1188-1195.	2.4	15
29	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.	3.9	15
30	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.	3.9	15
31	Effect of Gamma-Radiation on Zearalenone Degradation, Cytotoxicity and Estrogenicity. <i>Foods</i> , 2020, 9, 1687.	1.9	15
32	Environmental hazard testing of nanobiomaterials. <i>Environmental Sciences Europe</i> , 2020, 32, .	2.6	15
33	Biological and chemical studies on aryl hydrocarbon receptor induction by the p53 inhibitor pifithrin-1 and its condensation product pifithrin-1 ² . <i>Life Sciences</i> , 2011, 88, 774-783.	2.0	14
34	In vitro assessment of thyroidal and estrogenic activities in poultry and broiler manure. <i>Science of the Total Environment</i> , 2014, 472, 630-641.	3.9	14
35	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.	1.1	14
36	In vitro toxicity of reuterin, a potential food biopreservative. <i>Food and Chemical Toxicology</i> , 2016, 96, 155-159.	1.8	13

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37	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, 2749-2763.	1.9	12
38	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.	0.8	12
39	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.	2.2	11
40	Cytotoxicity of Mycotoxins Frequently Present in Aquafeeds to the Fish Cell Line RTGill-W1. <i>Toxins</i> , 2021, 13, 581.	1.5	10
41	Influence of citrate and PEG coatings on the bioaccumulation of TiO ₂ and CeO ₂ nanoparticles following dietary exposure in rainbow trout. <i>Environmental Sciences Europe</i> , 2022, 34, .	2.6	10
42	Simultaneous Determination of 15 Mycotoxins in Aquaculture Feed by Liquid Chromatography-Tandem Mass Spectrometry. <i>Toxins</i> , 2022, 14, 316.	1.5	10
43	Induction of cytochrome P4501A1 and P4504A1 activities and peroxisomal proliferation by fumonisin B1. <i>Toxicology and Applied Pharmacology</i> , 1996, 141, 185-94.	1.3	9
44	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.	2.9	9
45	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> , 2022, 242, 106020.	1.9	9
46	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.	2.0	7
47	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.	1.7	5
48	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.	2.2	4
49	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.	2.9	4
50	The protective effect of stilbenes resveratrol and pterostilbene individually and combined with mycotoxin citrinin in human adenocarcinoma HT-29 cell line <i>in vitro</i> . <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2021, 56, 75-88.	0.9	4
51	Risk assessment of coccidiostats after cross-contamination of feed: Implications for animal and human health. <i>Toxicology Letters</i> , 2008, 180, S61.	0.4	3
52	Peptide-biphenyl hybrid-capped AuNPs: stability and biocompatibility under cell culture conditions. <i>Nanoscale Research Letters</i> , 2013, 8, 315.	3.1	3
53	The first risk benefit assessment of nitrate in vegetables: A European perspective. <i>Toxicology Letters</i> , 2008, 180, S65.	0.4	2
54	Cytotoxicity in pig hepatocytes induced by 8-quinolinol, chloramine-T and natamycin. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2000, 23, 37-44.	0.6	1

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55	Preparation of feed with metal oxide nanoparticles for nanomaterial dietary exposure to fish and use in OECD TG 305. MethodsX, 2021, 8, 101413.	0.7	1