

MarÃ-a Puerto

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,771
citations

218677

26
h-index

265206

42
g-index

50
all docs

50
docs citations

50
times ranked

2404
citing authors

#	ARTICLE	IF	CITATIONS
1	Toxicological evaluation of clay minerals and derived nanocomposites: A review. <i>Environmental Research</i> , 2015, 138, 233-254.	7.5	177
2	In vitro toxicological evaluation of essential oils and their main compounds used in active food packaging: A review. <i>Food and Chemical Toxicology</i> , 2015, 81, 9-27.	3.6	109
3	In vitro pro-oxidant/antioxidant role of carvacrol, thymol and their mixture in the intestinal Caco-2 cell line. <i>Toxicology in Vitro</i> , 2015, 29, 647-656.	2.4	104
4	Cytotoxicity of carboxylic acid functionalized single wall carbon nanotubes on the human intestinal cell line Caco-2. <i>Toxicology in Vitro</i> , 2009, 23, 1491-1496.	2.4	86
5	Differential protein expression in two bivalve species; <i>Mytilus galloprovincialis</i> and <i>Corbicula fluminea</i> ; exposed to <i>Cylindrospermopsis raciborskii</i> cells. <i>Aquatic Toxicology</i> , 2011, 101, 109-116.	4.0	65
6	Oxidative stress responses to carboxylic acid functionalized single wall carbon nanotubes on the human intestinal cell line Caco-2. <i>Toxicology in Vitro</i> , 2012, 26, 672-677.	2.4	62
7	Differential oxidative stress responses to pure Microcystin-LR and Microcystin-containing and non-containing cyanobacterial crude extracts on Caco-2 cells. <i>Toxicol</i> , 2010, 55, 514-522.	1.6	60
8	Microcystin-RR: Occurrence, content in water and food and toxicological studies. A review. <i>Environmental Research</i> , 2019, 168, 467-489.	7.5	60
9	Comparison of the toxicity induced by microcystin-RR and microcystin-YR in differentiated and undifferentiated Caco-2 cells. <i>Toxicol</i> , 2009, 54, 161-169.	1.6	58
10	In vitro toxicological assessment of clays for their use in food packaging applications. <i>Food and Chemical Toxicology</i> , 2013, 57, 266-275.	3.6	55
11	Toxicity assessment of organomodified clays used in food contact materials on human target cell lines. <i>Applied Clay Science</i> , 2014, 90, 150-158.	5.2	55
12	In vivo determination of aluminum, cobalt, chromium, copper, nickel, titanium and vanadium in oral mucosa cells from orthodontic patients with mini-implants by Inductively coupled plasma-mass spectrometry (ICP-MS). <i>Journal of Trace Elements in Medicine and Biology</i> , 2015, 32, 13-20.	3.0	54
13	Acute effects of pure cylindrospermopsin on the activity and transcription of antioxidant enzymes in tilapia (<i>Oreochromis niloticus</i>) exposed by gavage. <i>Ecotoxicology</i> , 2011, 20, 1852-1860.	2.4	49
14	Evaluation of the mutagenicity and genotoxic potential of carvacrol and thymol using the Ames Salmonella test and alkaline, Endo III- and FPG-modified comet assays with the human cell line Caco-2. <i>Food and Chemical Toxicology</i> , 2014, 72, 122-128.	3.6	49
15	Acute toxicological studies of the main organosulfur compound derived from <i>Allium sp.</i> intended to be used in active food packaging. <i>Food and Chemical Toxicology</i> , 2015, 82, 1-11.	3.6	39
16	Use of nanoclay platelets in food packaging materials: technical and cytotoxicity approach. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2014, 31, 354-363.	2.3	38
17	Subchronic effects of cyanobacterial cells on the transcription of antioxidant enzyme genes in tilapia (<i>Oreochromis niloticus</i>). <i>Ecotoxicology</i> , 2011, 20, 479-490.	2.4	37
18	Effects of dietary L-cysteine on the oxidative stress induced in tilapia (<i>Oreochromis niloticus</i>). <i>Toxicology and Chemistry</i> , 2009, 28, 1679-1686.	4.3	34

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19	Mutagenic and genotoxic potential of pure <i>Cylindrospermopsin</i> by a battery of in vitro tests. <i>Food and Chemical Toxicology</i> , 2018, 121, 413-422.	3.6	34
20	Acute exposure to pure <i>cylindrospermopsin</i> results in oxidative stress and pathological alterations in tilapia (<i>Oreochromis niloticus</i>). <i>Environmental Toxicology</i> , 2014, 29, 371-385.	4.0	33
21	In vitro toxicity evaluation of new silane-modified clays and the migration extract from a derived polymer-clay nanocomposite intended to food packaging applications. <i>Journal of Hazardous Materials</i> , 2018, 341, 313-320.	12.4	33
22	In vitro toxicological assessment of an organosulfur compound from <i>Allium</i> extract: Cytotoxicity, mutagenicity and genotoxicity studies. <i>Food and Chemical Toxicology</i> , 2017, 99, 231-240.	3.6	32
23	Analysis of MC-LR and MC-RR in tissue from freshwater fish (<i>Tinca tinca</i>) and crayfish (<i>Procambarus</i>) Tj ETQq1 1 0.784314 rgBT /Overfoc and <i>Chemical Toxicology</i> , 2013, 57, 170-178.	3.6	31
24	Intestinal transport of <i>Cylindrospermopsin</i> using the Caco-2 cell line. <i>Toxicology in Vitro</i> , 2017, 38, 142-149.	2.4	31
25	Oxidative stress induced by microcystin-LR on PLHC-1 fish cell line. <i>Toxicology in Vitro</i> , 2009, 23, 1445-1449.	2.4	30
26	In vitro genotoxicity testing of carvacrol and thymol using the micronucleus and mouse lymphoma assays. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2015, 784-785, 37-44.	1.7	30
27	Differentiation between microcystin contaminated and uncontaminated fish by determination of unconjugated MCs using an ELISA anti- α test based on receiver operating characteristic curves threshold values: Application to <i>Tinca tinca</i> from natural ponds. <i>Environmental Toxicology</i> , 2011, 26, 45-56.	4.0	24
28	Protein extraction and two-dimensional gel electrophoresis of proteins in the marine mussel <i>Mytilus galloprovincialis</i> : an important tool for protein expression studies, food quality and safety assessment. <i>Journal of the Science of Food and Agriculture</i> , 2013, 93, 1779-1787.	3.5	24
29	Genotoxicity evaluation of carvacrol in rats using a combined micronucleus and comet assay. <i>Food and Chemical Toxicology</i> , 2016, 98, 240-250.	3.6	24
30	In vivo Toxicity Evaluation of the Migration Extract of an Organomodified Clay-Poly(lactic) Acid Nanocomposite. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2014, 77, 731-746.	2.3	21
31	In vivo genotoxicity evaluation of <i>cylindrospermopsin</i> in rats using a combined micronucleus and comet assay. <i>Food and Chemical Toxicology</i> , 2019, 132, 110664.	3.6	21
32	Microcystin-LR induces toxic effects in differentiated and undifferentiated Caco-2 cells. <i>Archives of Toxicology</i> , 2010, 84, 405-410.	4.2	19
33	Immunotoxic Effects Induced by Microcystins and <i>Cylindrospermopsin</i> : A Review. <i>Toxins</i> , 2021, 13, 711.	3.4	19
34	Genotoxicity of a thiosulfonate compound derived from <i>Allium</i> sp. intended to be used in active food packaging: In vivo comet assay and micronucleus test. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2016, 800-801, 1-11.	1.7	17
35	Dietary N-Acetylcysteine (NAC) prevents histopathological changes in tilapias (<i>Oreochromis niloticus</i>) exposed to a microcystin-producing cyanobacterial water bloom. <i>Aquaculture</i> , 2010, 306, 35-48.	3.5	14
36	Protective role of dietary N-acetylcysteine on the oxidative stress induced by <i>cylindrospermopsin</i> in tilapia (<i>Oreochromis niloticus</i>). <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 1548-1555.	4.3	14

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37	In Vitro Mutagenic and Genotoxic Assessment of a Mixture of the Cyanotoxins Microcystin-LR and Cylindrospermopsin. <i>Toxins</i> , 2019, 11, 318.	3.4	14
38	In Vivo Genotoxicity Evaluation of a Stilbene Extract Prior to Its Use as a Natural Additive: A Combination of the Micronucleus Test and the Comet Assay. <i>Foods</i> , 2021, 10, 439.	4.3	14
39	Toxicological Evaluation of Piceatannol, Pterostilbene, and Îµ-Viniferin for Their Potential Use in the Food Industry: A Review. <i>Foods</i> , 2021, 10, 592.	4.3	14
40	In Vitro Toxicity Assessment of Stilbene Extract for Its Potential Use as Antioxidant in the Wine Industry. <i>Antioxidants</i> , 2019, 8, 467.	5.1	13
41	Use of micronucleus and comet assay to evaluate evaluate the genotoxicity of oregano essential oil (<i>Origanum vulgare</i> L. <i>Virens</i>) in rats orally exposed for 90 days.. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2018, 81, 525-533.	2.3	12
42	Influence of Two Depuration Periods on the Activity and Transcription of Antioxidant Enzymes in Tilapia Exposed to Repeated Doses of Cylindrospermopsin under Laboratory Conditions. <i>Toxins</i> , 2014, 6, 1062-1079.	3.4	11
43	Influence of the exposure way and the time of sacrifice on the effects induced by a single dose of pure Cylindrospermopsin on the activity and transcription of glutathione peroxidase and glutathione-S-transferase enzymes in Tilapia (<i>Oreochromis niloticus</i>). <i>Chemosphere</i> , 2013, 90, 986-992.	8.2	10
44	In Vivo Evaluation of Activities and Expression of Antioxidant Enzymes in Wistar Rats Exposed for 90 Days to a Modified Clay. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2014, 77, 456-466.	2.3	9
45	Cytotoxicity studies of a stilbene extract and its main components intended to be used as preservative in the wine industry. <i>Food Research International</i> , 2020, 137, 109738.	6.2	8
46	Effects of the subchronic exposure to an organomodified clay mineral for food packaging applications on Wistar rats. <i>Applied Clay Science</i> , 2014, 95, 37-40.	5.2	6
47	Potential Use of Chemoprotectants against the Toxic Effects of Cyanotoxins: A Review. <i>Toxins</i> , 2017, 9, 175.	3.4	6
48	Protection and reversion role of a pure stilbene extract from grapevine shoot and its major compounds against an induced oxidative stress. <i>Journal of Functional Foods</i> , 2021, 79, 104393.	3.4	6
49	Preliminary study of genotoxicity evaluation of orthodontic miniscrews on mucosa oral cells by the alkaline comet assay. <i>Toxicology Mechanisms and Methods</i> , 2015, 25, 487-493.	2.7	2