MarÃ-a Puerto

List of Publications by Year
in descending order

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	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. Foods, 2021, 10, 439.	4.3	14
2	Toxicological Evaluation of Piceatannol, Pterostilbene, and Îµ-Viniferin for Their Potential Use in the Food Industry: A Review. Foods, 2021, 10, 592.	4.3	14
3	Protection and reversion role of a pure stilbene extract from grapevine shoot and its major compounds against an induced oxidative stress. Journal of Functional Foods, 2021, 79, 104393.	3.4	6
4	Immunotoxic Effects Induced by Microcystins and Cylindrospermopsin: A Review. Toxins, 2021, 13, 711.	3.4	19
5	Cytotoxicity studies of a stilbene extract and its main components intended to be used as preservative in the wine industry. Food Research International, 2020, 137, 109738.	6.2	8
6	Microcystin-RR: Occurrence, content in water and food and toxicological studies. A review. Environmental Research, 2019, 168, 467-489.	7.5	60
7	In vivo genotoxicity evaluation of cylindrospermopsin in rats using a combined micronucleus and comet assay. Food and Chemical Toxicology, 2019, 132, 110664.	3.6	21
8	In Vitro Toxicity Assessment of Stilbene Extract for Its Potential Use as Antioxidant in the Wine Industry. Antioxidants, 2019, 8, 467.	5.1	13
9	In Vitro Mutagenic and Genotoxic Assessment of a Mixture of the Cyanotoxins Microcystin-LR and Cylindrospermopsin. Toxins, 2019, 11, 318.	3.4	14
10	Use of micronucleus and comet assay to evaluate evaluate the genotoxicity of oregano essential oil (Origanum vulgare l. Virens) in rats orally exposed for 90 days.. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2018, 81, 525-533.	2.3	12
11	In vitro toxicity evaluation of new silane-modified clays and the migration extract from a derived polymer-clay nanocomposite intended to food packaging applications. Journal of Hazardous Materials, 2018, 341, 313-320.	12.4	33
12	Mutagenic and genotoxic potential of pure Cylindrospermopsin by a battery of in vitro tests. Food and Chemical Toxicology, 2018, 121, 413-422.	3.6	34
13	InÂvitro toxicological assessment of an organosulfur compound from Allium extract: Cytotoxicity, mutagenicity and genotoxicity studies. Food and Chemical Toxicology, 2017, 99, 231-240.	3.6	32
14	Intestinal transport of Cylindrospermopsin using the Caco-2 cell line. Toxicology in Vitro, 2017, 38, 142-149.	2.4	31
15	Potential Use of Chemoprotectants against the Toxic Effects of Cyanotoxins: A Review. Toxins, 2017, 9, 175.	3.4	6
16	Genotoxicity evaluation of carvacrol in rats using a combined micronucleus and comet assay. Food and Chemical Toxicology, 2016, 98, 240-250.	3.6	24
17	Genotoxicity of a thiosulfonate compound derived from Allium sp. intended to be used in active food packaging: In vivo comet assay and micronucleus test. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2016, 800-801, 1-11.	1.7	17
18	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). Journal of Trace Elements in Medicine and Biology, 2015, 32, 13-20.	3.0	54

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19	In vitro genotoxicity testing of carvacrol and thymol using the micronucleus and mouse lymphoma assays. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2015, 784-785, 37-44.	1.7	30
20	Acute toxicological studies of the main organosulfur compound derived from Allium sp. intended to be used in active food packaging. Food and Chemical Toxicology, 2015, 82, 1-11.	3.6	39
21	In vitro pro-oxidant/antioxidant role of carvacrol, thymol and their mixture in the intestinal Caco-2 cell line. Toxicology in Vitro, 2015, 29, 647-656.	2.4	104
22	Toxicological evaluation of clay minerals and derived nanocomposites: A review. Environmental Research, 2015, 138, 233-254.	7.5	177
23	In vitro toxicological evaluation of essential oils and their main compounds used in active food packaging: A review. Food and Chemical Toxicology, 2015, 81, 9-27.	3.6	109
24	Preliminary study of genotoxicity evaluation of orthodontic miniscrews on mucosa oral cells by the alkaline comet assay. Toxicology Mechanisms and Methods, 2015, 25, 487-493.	2.7	2
25	In vivo Toxicity Evaluation of the Migration Extract of an Organomodified Clayâ€“Poly(lactic) Acid Nanocomposite. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2014, 77, 731-746.	2.3	21
26	Influence of Two Depuration Periods on the Activity and Transcription of Antioxidant Enzymes in Tilapia Exposed to Repeated Doses of Cylindrospermopsin under Laboratory Conditions. Toxins, 2014, 6, 1062-1079.	3.4	11
27	In Vivo Evaluation of Activities and Expression of Antioxidant Enzymes in Wistar Rats Exposed for 90 Days to a Modified Clay. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2014, 77, 456-466.	2.3	9
28	Acute exposure to pure cylindrospermopsin results in oxidative stress and pathological alterations in tilapia (Oreochromis niloticus). Environmental Toxicology, 2014, 29, 371-385.	4.0	33
29	Effects of the subchronic exposure to an organomodified clay mineral for food packaging applications on Wistar rats. Applied Clay Science, 2014, 95, 37-40.	5.2	6
30	Use of nanoclay platelets in food packaging materials: technical and cytotoxicity approach. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2014, 31, 354-363.	2.3	38
31	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. Food and Chemical Toxicology, 2014, 72, 122-128.	3.6	49
32	Toxicity assessment of organomodified clays used in food contact materials on human target cell lines. Applied Clay Science, 2014, 90, 150-158.	5.2	55
33	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 (Oreochromis niloticus). Chemosphere, 2013, 90, 986-992.	8.2	10
34	In vitro toxicological assessment of clays for their use in food packaging applications. Food and Chemical Toxicology, 2013, 57, 266-275.	3.6	55
35	Analysis of MC-LR and MC-RR in tissue from freshwater fish (Tinca tinca) and crayfish (Procambarus) Tj ETQq1 1 0.784314 rgBT /Over and Chemical Toxicology, 2013, 57, 170-178.	3.6	31
36	Protein extraction and twoâ€dimensional gel electrophoresis of proteins in the marine mussel Mytilus galloprovincialis: an important tool for protein expression studies, food quality and safety assessment. Journal of the Science of Food and Agriculture, 2013, 93, 1779-1787.	3.5	24

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37	Oxidative stress responses to carboxylic acid functionalized single wall carbon nanotubes on the human intestinal cell line Caco-2. Toxicology in Vitro, 2012, 26, 672-677.	2.4	62
38	Protective role of dietary Nâ€acetylcysteine on the oxidative stress induced by cylindrospermopsin in tilapia (Oreochromis niloticus). Environmental Toxicology and Chemistry, 2012, 31, 1548-1555.	4.3	14
39	Differential protein expression in two bivalve species; Mytilus galloprovincialis and Corbicula fluminea; exposed to Cylindrospermopsis raciborskii cells. Aquatic Toxicology, 2011, 101, 109-116.	4.0	65
40	Subchronic effects of cyanobacterial cells on the transcription of antioxidant enzyme genes in tilapia (Oreochromis niloticus). Ecotoxicology, 2011, 20, 479-490.	2.4	37
41	Acute effects of pure cylindrospermopsin on the activity and transcription of antioxidant enzymes in tilapia (Oreochromis niloticus) exposed by gavage. Ecotoxicology, 2011, 20, 1852-1860.	2.4	49
42	Differentiation between microcystin contaminated and uncontaminated fish by determination of unconjugated MCs using an ELISA antiâ€adda test based on receiverâ€operating characteristic curves threshold values: Application to Tinca tinca from natural ponds. Environmental Toxicology, 2011, 26, 45-56.	4.0	24
43	Microcystin-LR induces toxic effects in differentiated and undifferentiated Caco-2 cells. Archives of Toxicology, 2010, 84, 405-410.	4.2	19
44	Differential oxidative stress responses to pure Microcystin-LR and Microcystin-containing and non-containing cyanobacterial crude extracts on Caco-2 cells. Toxicon, 2010, 55, 514-522.	1.6	60
45	Dietary N-Acetylcysteine (NAC) prevents histopathological changes in tilapias (Oreochromis niloticus) exposed to a microcystin-producing cyanobacterial water bloom. Aquaculture, 2010, 306, 35-48.	3.5	14
46	Effects of dietary Nâ€acetylcysteine on the oxidative stress induced in tilapia (Oreochromis) Tj ETQq0 0 0 rgBT /Overlock 10 T Toxicology and Chemistry, 2009, 28, 1679-1686.	4.3	34
47	Cytotoxicity of carboxylic acid functionalized single wall carbon nanotubes on the human intestinal cell line Caco-2. Toxicology in Vitro, 2009, 23, 1491-1496.	2.4	86
48	Oxidative stress induced by microcystinâ€“LR on PLHC-1 fish cell line. Toxicology in Vitro, 2009, 23, 1445-1449.	2.4	30
49	Comparison of the toxicity induced by microcystin-RR and microcystin-YR in differentiated and undifferentiated Caco-2 cells. Toxicon, 2009, 54, 161-169.	1.6	58