Ana Mara Camen Fernndez

List of Publications by Year in Descending Order

173 papers	5,309 citations	43 h-index	61 g-index
183 ext. papers	5,869 ext. citations	4.6 avg, IF	5.59 L-index

#	Paper	IF	Citations
173	Acute and subchronic 90-days toxicity assessment of propyl-propane-thiosulfinate (PTS) in rats.. *Food and Chemical Toxicology*, **2022**, 112827	4.7	0
172	Hazard characterization of graphene nanomaterials in the frame of their food risk assessment: A review.. *Food and Chemical Toxicology*, **2022**, 164, 113014	4.7	1
171	Influence of refrigeration and freezing in Microcystins and Cylindrospermopsin concentrations on fish muscle of tilapia (Oreochromis niloticus) and tench (Tinca tinca). *Food and Chemical Toxicology*, **2021**, 158, 112673	4.7	0
170	Immunotoxic Effects Induced by Microcystins and Cylindrospermopsin: A Review. *Toxins*, **2021**, 13,	4.9	6
169	Evaluation of toxic effects induced by repeated exposure to Cylindrospermopsin in rats using a 28-day feeding study. *Food and Chemical Toxicology*, **2021**, 151, 112108	4.7	0
168	Genotoxicity Evaluation of Propyl-Propane-Thiosulfinate (PTS) from genus Essential Oils by a Combination of Micronucleus and Comet Assays in Rats. *Foods*, **2021**, 10,	4.9	3
167	Genotoxic Effects of Cylindrospermopsin, Microcystin-LR and Their Binary Mixture in Human Hepatocellular Carcinoma (HepG2) Cell Line. *Toxins*, **2020**, 12,	4.9	8
166	Cylindrospermopsin-Microcystin-LR Combinations May Induce Genotoxic and Histopathological Damage in Rats. *Toxins*, **2020**, 12,	4.9	12
165	Physiological and Metabolic Responses of Marine Mussels Exposed to Toxic Cyanobacteria and. *Toxins*, **2020**, 12,	4.9	3
164	A new method for the simultaneous determination of cyanotoxins (Microcystins and Cylindrospermopsin) in mussels using SPE-UPLC-MS/MS. *Environmental Research*, **2020**, 185, 109284	7.9	9
163	In vitro assessment of cyanotoxins bioaccessibility in raw and cooked mussels. *Food and Chemical Toxicology*, **2020**, 140, 111391	4.7	6
162	Detection of cylindrospermopsin and its decomposition products in raw and cooked fish (Oreochromis niloticus) by analytical pyrolysis (Py-GC/MS). *Chemosphere*, **2020**, 244, 125469	8.4	7
161	Alterations in Mediterranean mussel (Mytilus galloprovincialis) composition exposed to cyanotoxins as revealed by analytical pyrolysis. *Journal of Analytical and Applied Pyrolysis*, **2020**, 152, 104970	6	2
160	Safety assessment of propyl-propane-thiosulfonate (PTSO): 90-days oral subchronic toxicity study in rats. *Food and Chemical Toxicology*, **2020**, 144, 111612	4.7	8
159	In Vitro Mutagenic and Genotoxic Assessment of a Mixture of the Cyanotoxins Microcystin-LR and Cylindrospermopsin. *Toxins*, **2019**, 11,	4.9	10
158	Neurotoxicity induced by microcystins and cylindrospermopsin: A review. *Science of the Total Environment*, **2019**, 668, 547-565	10.2	60
157	Microcystin-RR: Occurrence, content in water and food and toxicological studies. A review. *Environmental Research*, **2019**, 168, 467-489	7.9	41

156	In vivo genotoxicity evaluation of cylindrospermopsin in rats using a combined micronucleus and comet assay. *Food and Chemical Toxicology*, **2019**, 132, 110664	4.7	12
155	Analysis of the Use of Cylindrospermopsin and/or Microcystin-Contaminated Water in the Growth, Mineral Content, and Contamination of and. *Toxins*, **2019**, 11,	4.9	14
154	Neurotoxic assessment of Microcystin-LR, cylindrospermopsin and their combination on the human neuroblastoma SH-SY5Y cell line. *Chemosphere*, **2019**, 224, 751-764	8.4	17
153	Occurrence and toxicity of microcystin congeners other than MC-LR and MC-RR: A review. *Food and Chemical Toxicology*, **2019**, 125, 106-132	4.7	56
152	Cytotoxic and morphological effects of microcystin-LR, cylindrospermopsin, and their combinations on the human hepatic cell line HepG2. *Environmental Toxicology*, **2019**, 34, 240-251	4.2	14
151	Characterisation and antimicrobial activity of active polypropylene films containing oregano essential oil and Allium extract to be used in packaging for meat products. *Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment*, **2018**, 35, 782-791	3.2	15
150	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	3.2	11
149	Bioaccessibility and decomposition of cylindrospermopsin in vegetables matrices after the application of an in vitro digestion model. *Food and Chemical Toxicology*, **2018**, 120, 164-171	4.7	10
148	Validation of a Method for Cylindrospermopsin Determination in Vegetables: Application to Real Samples Such as Lettuce (Lactuca sativa L.). *Toxins*, **2018**, 10,	4.9	7
147	Mutagenic and genotoxic potential of pure Cylindrospermopsin by a battery of in vitro tests. *Food and Chemical Toxicology*, **2018**, 121, 413-422	4.7	22
146	New Method for Simultaneous Determination of Microcystins and Cylindrospermopsin in Vegetable Matrices by SPE-UPLC-MS/MS. *Toxins*, **2018**, 10,	4.9	25
145	New advances in active packaging incorporated with essential oils or their main components for food preservation. *Food Reviews International*, **2017**, 33, 447-515	5.5	57
144	Dietary l-carnitine prevents histopathological changes in tilapia (Oreochromis Niloticus) exposed to cylindrospermopsin. *Environmental Toxicology*, **2017**, 32, 241-254	4.2	19
143	A subchronic 90-day oral toxicity study of Origanum vulgare essential oil in rats. *Food and Chemical Toxicology*, **2017**, 101, 36-47	4.7	25
142	Changes on cylindrospermopsin concentration and characterization of decomposition products in fish muscle (Oreochromis niloticus) by boiling and steaming. *Food Control*, **2017**, 77, 210-220	6.2	19
141	Cylindrospermopsin and Congeners **2017**, 127-137		6
140	Bioassay Use in the Field of Toxic Cyanobacteria **2017**, 272-279		1
139	In´vitro toxicological assessment of an organosulfur compound from Allium extract: Cytotoxicity, mutagenicity and genotoxicity studies. *Food and Chemical Toxicology*, **2017**, 99, 231-240	4.7	24

138	Toxicological assessment of two silane-modified clay minerals with potential use as food contact materials in human hepatoma cells and Salmonella typhimurium strains. *Applied Clay Science*, **2017**, 150, 98-105	5.2	4
137	Pyrolysis-gas chromatography-isotope ratio mass spectrometry for monitoring natural additives in polylactic acid active food packages. *Journal of Chromatography A*, **2017**, 1525, 145-151	4.5	10
136	Genotoxic potential of the binary mixture of cyanotoxins microcystin-LR and cylindrospermopsin. *Chemosphere*, **2017**, 189, 319-329	8.4	27
135	Bioaccesibility of Cylindrospermopsin from cooked fish muscle after the application of an in vitro digestion model and its bioavailability. *Food and Chemical Toxicology*, **2017**, 110, 360-370	4.7	9
134	Intestinal transport of Cylindrospermopsin using the Caco-2 cell line. *Toxicology in Vitro*, **2017**, 38, 142-149	3.6	24
133	Effects of Chrysosporum (Aphanizomenon) ovalisporum extracts containing cylindrospermopsin on growth, photosynthetic capacity, and mineral content of carrots (Daucus carota). *Ecotoxicology*, **2017**, 26, 22-31	2.9	9
132	Effects of depuration on histopathological changes in tilapia (Oreochromis niloticus) after exposure to cylindrospermopsin. *Environmental Toxicology*, **2017**, 32, 1318-1332	4.2	4
131	Potential Use of Chemoprotectants against the Toxic Effects of Cyanotoxins: A Review. *Toxins*, **2017**, 9,	4.9	5
130	Influence of Cooking (Microwaving and Broiling) on Cylindrospermopsin Concentration in Muscle of Nile Tilapia (Oreochromis niloticus) and Characterization of Decomposition Products. *Toxins*, **2017**, 9,	4.9	10
129	In Vitro Toxicological Assessment of Cylindrospermopsin: A Review. *Toxins*, **2017**, 9,	4.9	54
128	Genotoxicity evaluation of carvacrol in rats using a combined micronucleus and comet assay. *Food and Chemical Toxicology*, **2016**, 98, 240-250	4.7	17
127	Vitamin E pretreatment prevents histopathological effects in tilapia (Oreochromis niloticus) acutely exposed to cylindrospermopsin. *Environmental Toxicology*, **2016**, 31, 1469-1485	4.2	8
126	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	3	11
125	Toxicological evaluation of an Allium-based commercial product in a 90-day feeding study in Sprague-Dawley rats. *Food and Chemical Toxicology*, **2016**, 90, 18-29	4.7	14
124	Effects of two organomodified clays intended to food contact materials on the genomic instability and gene expression of hepatoma cells. *Food and Chemical Toxicology*, **2016**, 88, 57-64	4.7	4
123	Molecular characterisation of a bio-based active packaging containing Origanum vulgare L. essential oil using pyrolysis gas chromatography-mass spectrometry. *Journal of the Science of Food and Agriculture*, **2016**, 96, 3207-12	4.3	11
122	Characterisation of a bio-based packaging containing a natural additive from Allium spp. using analytical pyrolysis and carbon stable isotopes. *Journal of Analytical and Applied Pyrolysis*, **2016**, 120, 334-340	6	10
121	Development of PLA films containing oregano essential oil (Origanum vulgare L. virens) intended for use in food packaging. *Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment*, **2016**, 33, 1374-86	3.2	17

120	In vitro pro-oxidant/antioxidant role of carvacrol, thymol and their mixture in the intestinal Caco-2 cell line. *Toxicology in Vitro*, **2015**, 29, 647-56	3.6	79
119	Toxicological evaluation of clay minerals and derived nanocomposites: a review. *Environmental Research*, **2015**, 138, 233-54	7.9	135
118	Beneficial effects of vitamin E supplementation against the oxidative stress on Cylindrospermopsin-exposed tilapia (Oreochromis niloticus). *Toxicon*, **2015**, 104, 34-42	2.8	11
117	Genotoxic and cytotoxic effects and gene expression changes induced by fixed orthodontic appliances in oral mucosa cells of patients: a systematic review. *Toxicology Mechanisms and Methods*, **2015**, 25, 440-7	3.6	6
116	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	4.7	88
115	Characterisation and evaluation of PLA films containing an extract of Allium spp. to be used in the packaging of ready-to-eat salads under controlled atmospheres. *LWT - Food Science and Technology*, **2015**, 64, 1354-1361	5.4	50
114	Preliminary study of genotoxicity evaluation of orthodontic miniscrews on mucosa oral cells by the alkaline comet assay. *Toxicology Mechanisms and Methods*, **2015**, 25, 487-93	3.6	2
113	CYN determination in tissues from freshwater fish by LC-MS/MS: validation and application in tissues from subchronically exposed tilapia (Oreochromis niloticus). *Talanta*, **2015**, 131, 452-9	6.2	23
112	Cytotoxic and mutagenic in vitro assessment of two organosulfur compounds derived from onion to be used in the food industry. *Food Chemistry*, **2015**, 166, 423-431	8.5	20
111	In vitro and in vivo evidence of the cytotoxic and genotoxic effects of metal ions released by orthodontic appliances: A review. *Environmental Toxicology and Pharmacology*, **2015**, 40, 86-113	5.8	33
110	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	4.1	39
109	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	3	24
108	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	4.7	32
107	Genotoxicity assessment of propyl thiosulfinate oxide, an organosulfur compound from Allium extract, intended to food active packaging. *Food and Chemical Toxicology*, **2015**, 86, 365-73	4.7	16
106	Cylindrospermopsin induces neurotoxicity in tilapia fish (Oreochromis niloticus) exposed to Aphanizomenon ovalisporum. *Aquatic Toxicology*, **2015**, 161, 17-24	5.1	31
105	Cyanobacterium producing cylindrospermopsin cause histopathological changes at environmentally relevant concentrations in subchronically exposed tilapia (Oreochromis niloticus). *Environmental Toxicology*, **2015**, 30, 261-77	4.2	11
104	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
103	Validation of a method to quantify titanium, vanadium and zirconium in oral mucosa cells by inductively coupled plasma-mass spectrometry (ICP-MS). *Talanta*, **2014**, 118, 238-44	6.2	14

102	Toxic effects of a modified montmorillonite clay on the human intestinal cell line Caco-2. *Journal of Applied Toxicology*, **2014**, 34, 714-25	4.1	51
101	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, 122-8	4.7	37
100	Development and validation of an inductively coupled plasma mass spectrometry (ICP-MS) method for the determination of cobalt, chromium, copper and nickel in oral mucosa cells. *Microchemical Journal*, **2014**, 114, 73-79	4.8	38
99	Histopathological and immunohistochemical analysis of Tilapia (Oreochromis niloticus) exposed to cylindrospermopsin and the effectiveness of N-Acetylcysteine to prevent its toxic effects. *Toxicon*, **2014**, 78, 18-34	2.8	7
98	Effects of depuration on oxidative biomarkers in tilapia (Oreochromis niloticus) after subchronic exposure to cyanobacterium producing cylindrospermopsin. *Aquatic Toxicology*, **2014**, 149, 40-9	5.1	19
97	Biomonitorization of chromium, copper, iron, manganese and nickel in scalp hair from orthodontic patients by atomic absorption spectrometry. *Environmental Toxicology and Pharmacology*, **2014**, 37, 759-71	2.8	22
96	Cytotoxicity and mutagenicity studies on migration extracts from nanocomposites with potential use in food packaging. *Food and Chemical Toxicology*, **2014**, 66, 366-72	4.7	42
95	Immunohistochemical approach to study cylindrospermopsin distribution in tilapia (Oreochromis niloticus) under different exposure conditions. *Toxins*, **2014**, 6, 283-303	4.9	6
94	Comparison of Microcystis aeruginosa (PCC7820 and PCC7806) growth and intracellular microcystins content determined by liquid chromatography-mass spectrometry, enzyme-linked immunosorbent assay anti-Adda and phosphatase bioassay. *Journal of Water and Health*, **2014**, 12, 69-80	2.2	12
93	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, 1062-79	4.9	10
92	Exposure of Lycopersicon esculentum to microcystin-LR: effects in the leaf proteome and toxin translocation from water to leaves and fruits. *Toxins*, **2014**, 6, 1837-54	4.9	44
91	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, 456-66	3.2	9
90	Acute exposure to pure cylindrospermopsin results in oxidative stress and pathological alterations in tilapia (Oreochromis niloticus). *Environmental Toxicology*, **2014**, 29, 371-85	4.2	29
89	Detection of cylindrospermopsin toxin markers in cyanobacterial algal blooms using analytical pyrolysis (Py-GC/MS) and thermally-assisted hydrolysis and methylation (TCh-GC/MS). *Chemosphere*, **2014**, 108, 175-82	8.4	7
88	Cytotoxicity and morphological effects induced by carvacrol and thymol on the human cell line Caco-2. *Food and Chemical Toxicology*, **2014**, 64, 281-90	4.7	87
87	The protective role of l-carnitine against cylindrospermopsin-induced oxidative stress in tilapia (Oreochromis niloticus). *Aquatic Toxicology*, **2013**, 132-133, 141-50	5.1	24
86	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, 986-92	8.4	10
85	Cyanobacterium producing cylindrospermopsin cause oxidative stress at environmentally relevant concentrations in sub-chronically exposed tilapia (Oreochromis niloticus). *Chemosphere*, **2013**, 90, 1184-94	8.4	55

84	Analysis of MC-LR and MC-RR in tissue from freshwater fish (Tinca tinca) and crayfish (Procambarus clarkii) in tench ponds (Cáceres, Spain) by liquid chromatography-mass spectrometry (LC-MS). *Food and Chemical Toxicology*, **2013**, 57, 170-8	4.7	24
83	Presence and bioaccumulation of microcystins and cylindrospermopsin in food and the effectiveness of some cooking techniques at decreasing their concentrations: a review. *Food and Chemical Toxicology*, **2013**, 53, 139-52	4.7	75
82	Protein extraction and two-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, 1779-87	4.3	22
81	Alterations observed in the endothelial HUVEC cell line exposed to pure Cylindrospermopsin. *Chemosphere*, **2012**, 89, 1151-60	8.4	28
80	Development and optimization of a method for the determination of Cylindrospermopsin from strains of Aphanizomenon cultures: intra-laboratory assessment of its accuracy by using validation standards. *Talanta*, **2012**, 100, 356-63	6.2	23
79	Differentiation of mangoes (Magnifera indica L.) conventional and organically cultivated according to their mineral content by using support vector machines. *Talanta*, **2012**, 97, 325-30	6.2	9
78	Oxidative stress responses to carboxylic acid functionalized single wall carbon nanotubes on the human intestinal cell line Caco-2. *Toxicology in Vitro*, **2012**, 26, 672-7	3.6	49
77	Biochemical and pathological toxic effects induced by the cyanotoxin Cylindrospermopsin on the human cell line Caco-2. *Water Research*, **2012**, 46, 1566-75	12.5	57
76	Mineral profile of Tinto wines using inductively coupled plasma optical emission spectrometry methods. *Food Chemistry*, **2012**, 135, 309-313	8.5	10
75	Time-dependent histopathological changes induced in Tilapia (Oreochromis niloticus) after acute exposure to pure cylindrospermopsin by oral and intraperitoneal route. *Ecotoxicology and Environmental Safety*, **2012**, 76, 102-13	7	42
74	Cylindrospermopsin determination in water by LC-MS/MS: optimization and validation of the method and application to real samples. *Environmental Toxicology and Chemistry*, **2012**, 31, 2233-8	3.8	39
73	Protective role of dietary N-acetylcysteine on the oxidative stress induced by cylindrospermopsin in tilapia (Oreochromis niloticus). *Environmental Toxicology and Chemistry*, **2012**, 31, 1548-55	3.8	13
72	Differential protein expression in two bivalve species; Mytilus galloprovincialis and Corbicula fluminea; exposed to Cylindrospermopsis raciborskii cells. *Aquatic Toxicology*, **2011**, 101, 109-16	5.1	55
71	Oxidative stress responses in tilapia (Oreochromis niloticus) exposed to a single dose of pure cylindrospermopsin under laboratory conditions: influence of exposure route and time of sacrifice. *Aquatic Toxicology*, **2011**, 105, 100-6	5.1	48
70	Effects of thermal treatments during cooking, microwave oven and boiling, on the unconjugated microcystin concentration in muscle of fish (Oreochromis niloticus). *Food and Chemical Toxicology*, **2011**, 49, 2060-7	4.7	21
69	Toxicity and glutathione implication in the effects observed by exposure of the liver fish cell line PLHC-1 to pure cylindrospermopsin. *Ecotoxicology and Environmental Safety*, **2011**, 74, 1567-72	7	57
68	Effects on growth and oxidative stress status of rice plants (Oryza sativa) exposed to two extracts of toxin-producing cyanobacteria (Aphanizomenon ovalisporum and Microcystis aeruginosa). *Ecotoxicology and Environmental Safety*, **2011**, 74, 1973-80	7	72
67	Influence of carboxylic acid functionalization on the cytotoxic effects induced by single wall carbon nanotubes on human endothelial cells (HUVEC). *Toxicology in Vitro*, **2011**, 25, 1883-8	3.6	50

66	Subchronic effects of cyanobacterial cells on the transcription of antioxidant enzyme genes in tilapia (Oreochromis niloticus). *Ecotoxicology*, **2011**, 20, 479-90	2.9	30
65	Acute effects of pure cylindrospermopsin on the activity and transcription of antioxidant enzymes in tilapia (Oreochromis niloticus) exposed by gavage. *Ecotoxicology*, **2011**, 20, 1852-60	2.9	43
64	Differentiation between microcystin contaminated and uncontaminated fish by determination of unconjugated MCs using an ELISA anti-Adda test based on receiver-operating characteristic curves threshold values: application to Tinca tinca from natural ponds. *Environmental Toxicology*, **2011**, 26, 45-56	4.2	22
63	Determination of microcystins in biological samples from freshwater fish. *International Journal of Environmental Analytical Chemistry*, **2010**, 90, 1000-1013	1.8	2
62	Differential oxidative stress responses to pure Microcystin-LR and Microcystin-containing and non-containing cyanobacterial crude extracts on Caco-2 cells. *Toxicon*, **2010**, 55, 514-22	2.8	53
61	In vitro evaluation of cytotoxicity and genotoxicity of a commercial titanium alloy for dental implantology. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2010**, 702, 17-23	3	61
60	Dietary N-Acetylcysteine (NAC) prevents histopathological changes in tilapias (Oreochromis niloticus) exposed to a microcystin-producing cyanobacterial water bloom. *Aquaculture*, **2010**, 306, 35-48	4.4	13
59	Microcystin-LR induces toxic effects in differentiated and undifferentiated Caco-2 cells. *Archives of Toxicology*, **2010**, 84, 405-10	5.8	18
58	Aquatic toxicity assessment of the additive 6-methylcoumarine using four experimental systems. *Archives of Environmental Contamination and Toxicology*, **2009**, 56, 52-9	3.2	6
57	Time-dependent protective efficacy of Trolox (vitamin E analog) against microcystin-induced toxicity in tilapia (Oreochromis niloticus). *Environmental Toxicology*, **2009**, 24, 563-79	4.2	31
56	Effects of dietary N-acetylcysteine on the oxidative stress induced in tilapia (Oreochromis niloticus) exposed to a microcystin-producing cyanobacterial water bloom. *Environmental Toxicology and Chemistry*, **2009**, 28, 1679-86	3.8	33
55	The antioxidant glutathione in the fish cell lines EPC and BCF-2: response to model pro-oxidants as measured by three different fluorescent dyes. *Toxicology in Vitro*, **2009**, 23, 546-53	3.6	30
54	Cytotoxicity of carboxylic acid functionalized single wall carbon nanotubes on the human intestinal cell line Caco-2. *Toxicology in Vitro*, **2009**, 23, 1491-6	3.6	77
53	Oxidative stress induced by microcystin-LR on PLHC-1 fish cell line. *Toxicology in Vitro*, **2009**, 23, 1445-9	3.6	27
52	Effects of dietary selenium on the oxidative stress and pathological changes in tilapia (Oreochromis niloticus) exposed to a microcystin-producing cyanobacterial water bloom. *Toxicon*, **2009**, 53, 269-82	2.8	74
51	Comparison of the toxicity induced by microcystin-RR and microcystin-YR in differentiated and undifferentiated Caco-2 cells. *Toxicon*, **2009**, 54, 161-9	2.8	52
50	Microcystin-RR induced toxic effects in cell line Caco-2. *Toxicology Letters*, **2008**, 180, S112	4.4	2
49	Dose-dependent antioxidant responses and pathological changes in tenca (Tinca tinca) after acute oral exposure to Microcystis under laboratory conditions. *Toxicon*, **2008**, 52, 1-12	2.8	91

48	Acute effects of microcystins MC-LR and MC-RR on acid and alkaline phosphatase activities and pathological changes in intraperitoneally exposed tilapia fish (Oreochromis sp.). *Toxicologic Pathology*, **2008**, 36, 449-58	2.1	46
47	Determination of Al, Ba, Ca, Cu, Fe, K, Mg, Mn, Na, Sr and Zn in red wine samples by inductively coupled plasma optical emission spectroscopy: Evaluation of preliminary sample treatments. *Microchemical Journal*, **2008**, 88, 56-61	4.8	58
46	Protective role of vitamin E on the microcystin-induced oxidative stress in tilapia fish (Oreochromis niloticus). *Environmental Toxicology and Chemistry*, **2008**, 27, 1152-9	3.8	53
45	Differentiation of two Andalusian DO fino wines according to their metal content from ICP-OES by using supervised pattern recognition methods. *Microchemical Journal*, **2007**, 87, 72-76	4.8	47
44	Study of mineral profile of Montilla-Moriles fino wines using inductively coupled plasma atomic emission spectrometry methods. *Journal of Food Composition and Analysis*, **2007**, 20, 391-395	4.1	45
43	Toxicological assessment of indium nitrate on aquatic organisms and investigation of the effects on the PLHC-1 fish cell line. *Science of the Total Environment*, **2007**, 387, 155-65	10.2	22
42	L-carnitine attenuates oxidative stress in hypertensive rats. *Journal of Nutritional Biochemistry*, **2007**, 18, 533-40	6.3	42
41	Differentiation of two Canary DO red wines according to their metal content from inductively coupled plasma optical emission spectrometry and graphite furnace atomic absorption spectrometry by using Probabilistic Neural Networks. *Talanta*, **2007**, 72, 263-8	6.2	57
40	Acute and subacute toxic effects produced by microcystin-YR on the fish cell lines RTG-2 and PLHC-1. *Toxicology in Vitro*, **2007**, 21, 1460-7	3.6	42
39	Toxicological effects of the lipid regulator gemfibrozil in four aquatic systems. *Aquatic Toxicology*, **2007**, 81, 106-15	5.1	57
38	Time-dependent oxidative stress responses after acute exposure to toxic cyanobacterial cells containing microcystins in tilapia fish (Oreochromis niloticus) under laboratory conditions. *Aquatic Toxicology*, **2007**, 84, 337-345	5.1	106
37	Ecotoxicological evaluation of sodium fluoroacetate on aquatic organisms and investigation of the effects on two fish cell lines. *Chemosphere*, **2007**, 67, 1-12	8.4	17
36	Metallic profiles of Sherry wines using inductively coupled plasma atomic emission spectrometry methods (ICP-AES). *Sciences Des Aliments*, **2007**, 27, 83-92		6
35	Toxic effects produced by microcystins from a natural cyanobacterial bloom and a Microcystis aeruginosa isolated strain on the fish cell lines RTG-2 and PLHC-1. *Archives of Environmental Contamination and Toxicology*, **2006**, 51, 86-96	3.2	11
34	Differential oxidative stress responses to microcystins LR and RR in intraperitoneally exposed tilapia fish (Oreochromis sp.). *Aquatic Toxicology*, **2006**, 77, 314-21	5.1	141
33	Ecotoxicological evaluation of the additive butylated hydroxyanisole using a battery with six model systems and eighteen endpoints. *Aquatic Toxicology*, **2005**, 71, 183-92	5.1	33
32	Cyanobacteria and microcystins occurrence in the Guadiana River (SW Spain). *International Journal of Environmental Analytical Chemistry*, **2005**, 85, 461-474	1.8	19
31	The use of the fish cell lines RTG-2 and PLHC-1 to compare the toxic effects produced by microcystins LR and RR. *Toxicology in Vitro*, **2005**, 19, 865-73	3.6	41

30	Ecotoxicological evaluation of diethanolamine using a battery of microbiotests. *Toxicology in Vitro*, **2005**, 19, 879-86	3.6	12
29	Antioxidant enzyme activity and lipid peroxidation in liver and kidney of rats exposed to microcystin-LR administered intraperitoneally. *Toxicon*, **2005**, 45, 395-402	2.8	217
28	Acid and alkaline phosphatase activities and pathological changes induced in Tilapia fish (Oreochromis sp.) exposed subchronically to microcystins from toxic cyanobacterial blooms under laboratory conditions. *Toxicon*, **2005**, 46, 725-35	2.8	108
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