Ana Mara Camen Fernndez

List of Publications by Citations

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	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
172	Toxic cyanobacterial cells containing microcystins induce oxidative stress in exposed tilapia fish (Oreochromis sp.) under laboratory conditions. *Aquatic Toxicology*, **2005**, 72, 261-71	5.1	179
171	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
170	Toxicological evaluation of clay minerals and derived nanocomposites: a review. *Environmental Research*, **2015**, 138, 233-54	7.9	135
169	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
168	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
167	Ecotoxicological evaluation of carbamazepine using six different model systems with eighteen endpoints. *Toxicology in Vitro*, **2003**, 17, 525-32	3.6	95
166	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
165	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
164	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
163	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
162	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
161	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
160	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
159	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
158	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
157	Neurotoxicity induced by microcystins and cylindrospermopsin: A review. *Science of the Total Environment*, **2019**, 668, 547-565	10.2	60

156	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
155	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
154	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
153	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
152	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
151	Toxicological effects of the lipid regulator gemfibrozil in four aquatic systems. *Aquatic Toxicology*, **2007**, 81, 106-15	5.1	57
150	Differentiation of sparkling wines (cava and champagne) according to their mineral content. *Talanta*, **2004**, 63, 377-82	6.2	57
149	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
148	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
147	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
146	In Vitro Toxicological Assessment of Cylindrospermopsin: A Review. *Toxins*, **2017**, 9,	4.9	54
145	Multivariate characterization of wine vinegars from the south of Spain according to their metallic content. *Talanta*, **1997**, 45, 379-86	6.2	54
144	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
143	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
142	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
141	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
140	Toxic cyanobacteria strains isolated from blooms in the Guadiana river (southwestern Spain). *Biological Research*, **2004**, 37, 405-17	7.6	51
139	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

138	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
137	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
136	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
135	Differentiation of two Andalusian DO finowines according to their metal content from ICP-OES by using supervised pattern recognition methods. *Microchemical Journal*, **2007**, 87, 72-76	4.8	47
134	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
133	Study of mineral profile of Montilla-Moriles finowines using inductively coupled plasma atomic emission spectrometry methods. *Journal of Food Composition and Analysis*, **2007**, 20, 391-395	4.1	45
132	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
131	Determination of microcystins in fish by solvent extraction and liquid chromatography. *Journal of Chromatography A*, **2005**, 1080, 199-203	4.5	44
130	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
129	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
128	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
127	L-carnitine attenuates oxidative stress in hypertensive rats. *Journal of Nutritional Biochemistry*, **2007**, 18, 533-40	6.3	42
126	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
125	Differentiation of Spanish brandies according to their metal content. *Talanta*, **2001**, 54, 53-9	6.2	42
124	Microcystin-RR: Occurrence, content in water and food and toxicological studies. A review. *Environmental Research*, **2019**, 168, 467-489	7.9	41
123	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
122	Influence of microcystin-LR on the activity of membrane enzymes in rat intestinal mucosa. *Journal of Physiology and Biochemistry*, **2003**, 59, 293-9	5	41
121	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

120	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
119	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
118	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
117	Tribromophenol induces the differentiation of SH-SY5Y human neuroblastoma cells in vitro. *Toxicology in Vitro*, **2003**, 17, 635-41	3.6	37
116	Determination of microcystins in natural blooms and cyanobacterial strain cultures by matrix solid-phase dispersion and liquid chromatography-mass spectrometry. *Analytical and Bioanalytical Chemistry*, **2004**, 380, 537-44	4.4	35
115	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
114	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
113	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
112	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
111	Cylindrospermopsin induces neurotoxicity in tilapia fish (Oreochromis niloticus) exposed to Aphanizomenon ovalisporum. *Aquatic Toxicology*, **2015**, 161, 17-24	5.1	31
110	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
109	Subchronic effects of cyanobacterial cells on the transcription of antioxidant enzyme genes in tilapia (Oreochromis niloticus). *Ecotoxicology*, **2011**, 20, 479-90	2.9	30
108	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
107	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
106	Alterations observed in the endothelial HUVEC cell line exposed to pure Cylindrospermopsin. *Chemosphere*, **2012**, 89, 1151-60	8.4	28
105	Genotoxic potential of the binary mixture of cyanotoxins microcystin-LR and cylindrospermopsin. *Chemosphere*, **2017**, 189, 319-329	8.4	27
104	Oxidative stress induced by microcystin-LR on PLHC-1 fish cell line. *Toxicology in Vitro*, **2009**, 23, 1445-9	3.6	27
103	Determination of microcystins in biological samples by matrix solid-phase dispersion and liquid chromatography-mass spectrometry. *Journal of Chromatography A*, **2005**, 1073, 257-62	4.5	26

102	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
101	Cadmium in the diet of the local population of Seville (Spain). *Bulletin of Environmental Contamination and Toxicology*, **1993**, 50, 417-24	2.7	25
100	New Method for Simultaneous Determination of Microcystins and Cylindrospermopsin in Vegetable Matrices by SPE-UPLC-MS/MS. *Toxins*, **2018**, 10,	4.9	25
99	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
98	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
97	Analysis of MC-LR and MC-RR in tissue from freshwater fish (Tinca tinca) and crayfish (Procambarus clarkii) in tench ponds (C□eres, Spain) by liquid chromatography-mass spectrometry (LC-MS). *Food and Chemical Toxicology*, **2013**, 57, 170-8	4.7	24
96	Intestinal transport of Cylindrospermopsin using the Caco-2 cell line. *Toxicology in Vitro*, **2017**, 38, 142-149	3.6	24
95	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
94	Decomposition of microcystin-LR, microcystin-RR, and microcystin-YR in water samples submitted to in vitro dissolution tests. *Journal of Agricultural and Food Chemistry*, **2004**, 52, 5933-8	5.7	24
93	Determination of total arsenic, inorganic and organic arsenic species in wine. *Food Additives and Contaminants*, **2002**, 19, 542-6		24
92	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
91	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
90	Determination of Nine Elements in Sherry Wine by Inductively Coupled Plasma-Atomic Emission Spectrometry. *Journal of AOAC INTERNATIONAL*, **1996**, 79, 1191-1197	1.7	23
89	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
88	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
87	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
86	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
85	Preconcentration of heavy metals in urine and quantification by inductively coupled plasma atomic emission spectrometry. *Journal of Analytical Toxicology*, **1993**, 17, 18-22	2.9	22

84	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
83	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
82	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
81	Dietary l-carnitine prevents histopathological changes in tilapia (Oreochromis Niloticus) exposed to cylindrospermopsin. *Environmental Toxicology*, **2017**, 32, 241-254	4.2	19
80	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
79	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
78	Cyanobacteria and microcystins occurrence in the Guadiana River (SW Spain). *International Journal of Environmental Analytical Chemistry*, **2005**, 85, 461-474	1.8	19
77	Microcystin-LR induces toxic effects in differentiated and undifferentiated Caco-2 cells. *Archives of Toxicology*, **2010**, 84, 405-10	5.8	18
76	Genotoxicity evaluation of carvacrol in rats using a combined micronucleus and comet assay. *Food and Chemical Toxicology*, **2016**, 98, 240-250	4.7	17
75	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
74	Presence and distribution of arsenical species in beers. *Food Additives and Contaminants*, **1999**, 16, 267-71		17
73	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
72	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
71	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
70	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
69	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
68	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
67	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

66	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
65	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
64	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
63	Cylindrospermopsin-Microcystin-LR Combinations May Induce Genotoxic and Histopathological Damage in Rats. *Toxins*, **2020**, 12,	4.9	12
62	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
61	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
60	Ecotoxicological evaluation of diethanolamine using a battery of microbiotests. *Toxicology in Vitro*, **2005**, 19, 879-86	3.6	12
59	Beneficial effects of vitamin E supplementation against the oxidative stress on Cylindrospermopsin-exposed tilapia (Oreochromis niloticus). *Toxicon*, **2015**, 104, 34-42	2.8	11
58	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
57	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
56	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
55	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
54	Pyrolytic behaviour of microcystins and microcystin-spiked algal blooms. *Journal of Analytical and Applied Pyrolysis*, **2005**, 74, 19-25	6	11
53	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
52	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
51	In Vitro Mutagenic and Genotoxic Assessment of a Mixture of the Cyanotoxins Microcystin-LR and Cylindrospermopsin. *Toxins*, **2019**, 11,	4.9	10
50	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
49	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

48	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
47	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
46	Mineral profile of Finol wines using inductively coupled plasma optical emission spectrometry methods. *Food Chemistry*, **2012**, 135, 309-313	8.5	10
45	Study of the mineral profile of Catalonian Brut cava using atomic spectrometric methods. *European Food Research and Technology*, **2004**, 218, 448-451	3.4	10
44	Metallic profiles of Sherry brandies. *Sciences Des Aliments*, **2000**, 20, 433-440		10
43	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
42	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
41	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
40	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
39	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
38	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
37	Genotoxic Effects of Cylindrospermopsin, Microcystin-LR and Their Binary Mixture in Human Hepatocellular Carcinoma (HepG2) Cell Line. *Toxins*, **2020**, 12,	4.9	8
36	Vitamin E pretreatment prevents histopathological effects in tilapia (Oreochromis niloticus) acutely exposed to cylindrospermopsin. *Environmental Toxicology*, **2016**, 31, 1469-1485	4.2	8
35	Unequivocal Identification of Several Common Adulterants and Diluents in Street Samples of Cocaine by Infrared Spectroscopy. *Journal of Forensic Sciences*, **1995**, 40, 13834J	1.8	8
34	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
33	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
32	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
31	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

30	Cadmium concentrations in human renal cortex tissue (necropsies). *Bulletin of Environmental Contamination and Toxicology*, **1995**, 54, 841-7	2.7	7
29	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
28	Cylindrospermopsin and Congeners **2017**, 127-137		6
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