

# Ana MarÃ-a CameÃ;n FernÃ;ndez

## List of Publications by Year in descending order

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176  
papers

6,471  
citations

44069

48  
h-index

91884

69  
g-index

183  
all docs

183  
docs citations

183  
times ranked

6349  
citing authors

#	ARTICLE	IF	CITATIONS
1	Acute and subchronic 90-days toxicity assessment of propyl-propane-thiosulfinate (PTS) in rats. Food and Chemical Toxicology, 2022, 161, 112827.	3.6	3
2	Cytotoxicity and Effects on the Synapsis Induced by Pure Cylindrospermopsin in an E17 Embryonic Murine Primary Neuronal Culture in a Concentration- and Time-Dependent Manner. Toxins, 2022, 14, 175.	3.4	4
3	Immunomodulatory Effects of Pure Cylindrospermopsin in Rats Orally Exposed for 28 Days. Toxins, 2022, 14, 144.	3.4	7
4	Hazard characterization of graphene nanomaterials in the frame of their food risk assessment: A review. Food and Chemical Toxicology, 2022, 164, 113014.	3.6	13
5	In Vitro Toxicity Evaluation of Cyanotoxins Cylindrospermopsin and Microcystin-LR on Human Kidney HEK293 Cells. Toxins, 2022, 14, 429.	3.4	5
6	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.	3.6	5
7	Genotoxicity Evaluation of Propyl-Propane-Thiosulfinate (PTS) from Allium genus Essential Oils by a Combination of Micronucleus and Comet Assays in Rats. Foods, 2021, 10, 989.	4.3	8
8	Immunotoxic Effects Induced by Microcystins and Cylindrospermopsin: A Review. Toxins, 2021, 13, 711.	3.4	19
9	Influence of refrigeration and freezing in Microcystins and Cylindrospermopsin concentrations on fish muscle of tilapia ( <i>Oreochromis niloticus</i> ) and tench ( <i>Tinca tinca</i> ). Food and Chemical Toxicology, 2021, 158, 112673.	3.6	1
10	Detection of cylindrospermopsin and its decomposition products in raw and cooked fish ( <i>Oreochromis niloticus</i> ) by analytical pyrolysis (Py-GC/MS). Chemosphere, 2020, 244, 125469.	8.2	7
11	Alterations in Mediterranean mussel ( <i>Mytilus galloprovincialis</i> ) composition exposed to cyanotoxins as revealed by analytical pyrolysis. Journal of Analytical and Applied Pyrolysis, 2020, 152, 104970.	5.5	3
12	Safety assessment of propyl-propane-thiosulfonate (PTSO): 90-days oral subchronic toxicity study in rats. Food and Chemical Toxicology, 2020, 144, 111612.	3.6	16
13	Genotoxic Effects of Cylindrospermopsin, Microcystin-LR and Their Binary Mixture in Human Hepatocellular Carcinoma (HepG2) Cell Line. Toxins, 2020, 12, 778.	3.4	14
14	Freshwater Algal Toxins: Monitoring and Toxicity Profile. Toxins, 2020, 12, 653.	3.4	4
15	Cylindrospermopsin-Microcystin-LR Combinations May Induce Genotoxic and Histopathological Damage in Rats. Toxins, 2020, 12, 348.	3.4	21
16	Physiological and Metabolic Responses of Marine Mussels Exposed to Toxic Cyanobacteria <i>Microcystis aeruginosa</i> and <i>Chrysochloris ovalisporum</i> . Toxins, 2020, 12, 196.	3.4	4
17	A new method for the simultaneous determination of cyanotoxins (Microcystins and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 102	7.5	13
18	In vitro assessment of cyanotoxins bioaccessibility in raw and cooked mussels. Food and Chemical Toxicology, 2020, 140, 111391.	3.6	7

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19	Microcystin-RR: Occurrence, content in water and food and toxicological studies. A review. <i>Environmental Research</i> , 2019, 168, 467-489.	7.5	60
20	In vivo genotoxicity evaluation of cylindrospermopsin in rats using a combined micronucleus and comet assay. <i>Food and Chemical Toxicology</i> , 2019, 132, 110664.	3.6	21
21	Analysis of the Use of Cylindrospermopsin and/or Microcystin-Contaminated Water in the Growth, Mineral Content, and Contamination of <i>Spinacia oleracea</i> and <i>Lactuca sativa</i> . <i>Toxins</i> , 2019, 11, 624.	3.4	25
22	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
23	Neurotoxicity induced by microcystins and cylindrospermopsin: A review. <i>Science of the Total Environment</i> , 2019, 668, 547-565.	8.0	82
24	Neurotoxic assessment of Microcystin-LR, cylindrospermopsin and their combination on the human neuroblastoma SH-SY5Y cell line. <i>Chemosphere</i> , 2019, 224, 751-764.	8.2	27
25	Occurrence and toxicity of microcystin congeners other than MC-LR and MC-RR: A review. <i>Food and Chemical Toxicology</i> , 2019, 125, 106-132.	3.6	101
26	Cytotoxic and morphological effects of microcystin-LR, cylindrospermopsin, and their combinations on the human hepatic cell line HepG2. <i>Environmental Toxicology</i> , 2019, 34, 240-251.	4.0	21
27	Characterisation and antimicrobial activity of active polypropylene films containing oregano essential oil and <i>Allium</i> extract to be used in packaging for meat products. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2018, 35, 783-792.	2.3	24
28	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
29	Mutagenic and genotoxic potential of pure Cylindrospermopsin by a battery of in vitro tests. <i>Food and Chemical Toxicology</i> , 2018, 121, 413-422.	3.6	34
30	New Method for Simultaneous Determination of Microcystins and Cylindrospermopsin in Vegetable Matrices by SPE-UPLC-MS/MS. <i>Toxins</i> , 2018, 10, 406.	3.4	38
31	Bioaccessibility and decomposition of cylindrospermopsin in vegetables matrices after the application of an in vitro digestion model. <i>Food and Chemical Toxicology</i> , 2018, 120, 164-171.	3.6	11
32	Validation of a Method for Cylindrospermopsin Determination in Vegetables: Application to Real Samples Such as Lettuce ( <i>Lactuca sativa</i> L.). <i>Toxins</i> , 2018, 10, 63.	3.4	11
33	New advances in active packaging incorporated with essential oils or their main components for food preservation. <i>Food Reviews International</i> , 2017, 33, 447-515.	8.4	75
34	Dietary L-carnitine prevents histopathological changes in tilapia ( <i>Oreochromis</i> ) Tj ETQq0 0 0 rgBT /Overlock_10 Tf 50 1	4.0	26
35	A subchronic 90-day oral toxicity study of <i>Origanum vulgare</i> essential oil in rats. <i>Food and Chemical Toxicology</i> , 2017, 101, 36-47.	3.6	37
36	Changes on cylindrospermopsin concentration and characterization of decomposition products in fish muscle ( <i>Oreochromis niloticus</i> ) by boiling and steaming. <i>Food Control</i> , 2017, 77, 210-220.	5.5	20

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37	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
38	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	6
39	Pyrolysis-gas chromatographyâ€“isotope ratio mass spectrometry for monitoring natural additives in polylactic acid active food packages. Journal of Chromatography A, 2017, 1525, 145-151.	3.7	15
40	Genotoxic potential of the binary mixture of cyanotoxins microcystin-LR and cylindrospermopsin. Chemosphere, 2017, 189, 319-329.	8.2	32
41	Bioaccessibility 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.	3.6	11
42	Intestinal transport of Cylindrospermopsin using the Caco-2 cell line. Toxicology in Vitro, 2017, 38, 142-149.	2.4	31
43	Effects of Chrysosporum (Aphanizomenon) ovalisporum extracts containing cylindrospermopsin on growth, photosynthetic capacity, and mineral content of carrots (Daucus carota). Ecotoxicology, 2017, 26, 22-31.	2.4	10
44	Effects of depuration on histopathological changes in tilapia (<i>Oreochromis niloticus</i>) after exposure to cylindrospermopsin. Environmental Toxicology, 2017, 32, 1318-1332.	4.0	7
45	Potential Use of Chemoprotectants against the Toxic Effects of Cyanotoxins: A Review. Toxins, 2017, 9, 175.	3.4	6
46	Influence of Cooking (Microwaving and Broiling) on Cylindrospermopsin Concentration in Muscle of Nile Tilapia (Oreochromis niloticus) and Characterization of Decomposition Products. Toxins, 2017, 9, 177.	3.4	11
47	In Vitro Toxicological Assessment of Cylindrospermopsin: A Review. Toxins, 2017, 9, 402.	3.4	71
48	Molecular characterisation of a bioâ€“based active packaging containing <i>Origanum vulgare</i> L. essential oil using pyrolysis gas chromatographyâ€“mass spectrometry. Journal of the Science of Food and Agriculture, 2016, 96, 3207-3212.	3.5	12
49	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.	5.5	12
50	Cloisite@Na+ and Clay2 induce changes in the gene expression in human hepatoma HepG2 cells. Toxicology Letters, 2016, 258, S161.	0.8	0
51	Development of PLA films containing oregano essential oil (<i>Origanum vulgare</i>L.<i>virens</i>) intended for use in food packaging. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2016, 33, 1-13.	2.3	28
52	Genotoxicity evaluation of carvacrol in rats using a combined micronucleus and comet assay. Food and Chemical Toxicology, 2016, 98, 240-250.	3.6	24
53	Vitamin E pretreatment prevents histopathological effects in tilapia (<i>Oreochromis niloticus</i>) acutely exposed to cylindrospermopsin. Environmental Toxicology, 2016, 31, 1469-1485.	4.0	11
54	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

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55	Toxicological evaluation of an Allium-based commercial product in a 90-day feeding study in Sprague-Dawley rats. <i>Food and Chemical Toxicology</i> , 2016, 90, 18-29.	3.6	18
56	Effects of two organomodified clays intended to food contact materials on the genomic instability and gene expression of hepatoma cells. <i>Food and Chemical Toxicology</i> , 2016, 88, 57-64.	3.6	4
57	In vitro and in vivo evidence of the cytotoxic and genotoxic effects of metal ions released by orthodontic appliances: A review. <i>Environmental Toxicology and Pharmacology</i> , 2015, 40, 86-113.	4.0	46
58	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
59	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
60	Acute toxicological studies of the main organosulfur compound derived from Allium sp. intended to be used in active food packaging. <i>Food and Chemical Toxicology</i> , 2015, 82, 1-11.	3.6	39
61	Genotoxicity assessment of propyl thiosulfinate oxide, an organosulfur compound from Allium extract, intended to food active packaging. <i>Food and Chemical Toxicology</i> , 2015, 86, 365-373.	3.6	21
62	Cylindrospermopsin induces neurotoxicity in tilapia fish ( <i>Oreochromis niloticus</i> ) exposed to <i>Aphanizomenon ovalisporum</i> . <i>Aquatic Toxicology</i> , 2015, 161, 17-24.	4.0	45
63	Cyanobacterium producing cylindrospermopsin cause histopathological changes at environmentally relevant concentrations in subchronically exposed tilapia ( <i>Oreochromis niloticus</i> ). <i>Environmental Toxicology</i> , 2015, 30, 261-277.	4.0	15
64	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
65	Toxicological evaluation of clay minerals and derived nanocomposites: A review. <i>Environmental Research</i> , 2015, 138, 233-254.	7.5	177
66	Beneficial effects of vitamin E supplementation against the oxidative stress on Cylindrospermopsin-exposed tilapia ( <i>Oreochromis niloticus</i> ). <i>Toxicol</i> , 2015, 104, 34-42.	1.6	15
67	Genotoxic and cytotoxic effects and gene expression changes induced by fixed orthodontic appliances in oral mucosa cells of patients: a systematic review. <i>Toxicology Mechanisms and Methods</i> , 2015, 25, 440-447.	2.7	14
68	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
69	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. <i>LWT - Food Science and Technology</i> , 2015, 64, 1354-1361.	5.2	61
70	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
71	CYN determination in tissues from freshwater fish by LC-MS/MS: Validation and application in tissues from subchronically exposed tilapia ( <i>Oreochromis niloticus</i> ). <i>Talanta</i> , 2015, 131, 452-459.	5.5	26
72	Cytotoxic and mutagenic in vitro assessment of two organosulfur compounds derived from onion to be used in the food industry. <i>Food Chemistry</i> , 2015, 166, 423-431.	8.2	24

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73	Immunohistochemical Approach to Study Cylindrospermopsin Distribution in Tilapia ( <i>Oreochromis</i> ) Tj ETQq1 1 0.784314 rgBJ /Overlo	3.4	14
74	Comparison of <i>Microcystis aeruginosa</i> (PCC7820 and PCC7806) growth and intracellular microcystins content determined by liquid chromatographyâ€“mass spectrometry, enzyme-linked immunosorbent assay anti-Adda and phosphatase bioassay. <i>Journal of Water and Health</i> , 2014, 12, 69-80.	2.6	14
75	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
76	Exposure of <i>Lycopersicon Esculentum</i> to Microcystin-LR: Effects in the Leaf Proteome and Toxin Translocation from Water to Leaves and Fruits. <i>Toxins</i> , 2014, 6, 1837-1854.	3.4	50
77	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
78	Acute exposure to pure cylindrospermopsin results in oxidative stress and pathological alterations in tilapia ( <i>Oreochromis niloticus</i> ). <i>Environmental Toxicology</i> , 2014, 29, 371-385.	4.0	33
79	Detection of cylindrospermopsin toxin markers in cyanobacterial algal blooms using analytical pyrolysis (Py-GC/MS) and thermally-assisted hydrolysis and methylation (TCh-GC/MS). <i>Chemosphere</i> , 2014, 108, 175-182.	8.2	10
80	Cytotoxicity and morphological effects induced by carvacrol and thymol on the human cell line Caco-2. <i>Food and Chemical Toxicology</i> , 2014, 64, 281-290.	3.6	114
81	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
82	Validation of a method to quantify titanium, vanadium and zirconium in oral mucosa cells by inductively coupled plasma-mass spectrometry (ICP-MS). <i>Talanta</i> , 2014, 118, 238-244.	5.5	20
83	Toxic effects of a modified montmorillonite clay on the human intestinal cell line Caco-2. <i>Journal of Applied Toxicology</i> , 2014, 34, 714-725.	2.8	60
84	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
85	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. <i>Microchemical Journal</i> , 2014, 114, 73-79.	4.5	48
86	Histopathological and immunohistochemical analysis of Tilapia ( <i>Oreochromis niloticus</i> ) exposed to cylindrospermopsin and the effectiveness of N-Acetylcysteine to prevent its toxic effects. <i>Toxicon</i> , 2014, 78, 18-34.	1.6	9
87	Effects of depuration on oxidative biomarkers in tilapia ( <i>Oreochromis niloticus</i> ) after subchronic exposure to cyanobacterium producing cylindrospermopsin. <i>Aquatic Toxicology</i> , 2014, 149, 40-49.	4.0	22
88	Biomonitorization of chromium, copper, iron, manganese and nickel in scalp hair from orthodontic patients by atomic absorption spectrometry. <i>Environmental Toxicology and Pharmacology</i> , 2014, 37, 759-771.	4.0	27
89	Cytotoxicity and mutagenicity studies on migration extracts from nanocomposites with potential use in food packaging. <i>Food and Chemical Toxicology</i> , 2014, 66, 366-372.	3.6	47
90	The protective role of l-carnitine against cylindrospermopsin-induced oxidative stress in tilapia ( <i>Oreochromis niloticus</i> ). <i>Aquatic Toxicology</i> , 2013, 132-133, 141-150.	4.0	30

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91	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
92	Cyanobacterium producing cylindrospermopsin cause oxidative stress at environmentally relevant concentrations in sub-chronically exposed tilapia ( <i>Oreochromis niloticus</i> ). <i>Chemosphere</i> , 2013, 90, 1184-1194.	8.2	64
93	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 /Over and Chemical Toxicology, 2013, 57, 170-178.	3.6	31
94	Presence and bioaccumulation of microcystins and cylindrospermopsin in food and the effectiveness of some cooking techniques at decreasing their concentrations: A review. <i>Food and Chemical Toxicology</i> , 2013, 53, 139-152.	3.6	89
95	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
96	Alterations observed in the endothelial HUVEC cell line exposed to pure Cylindrospermopsin. <i>Chemosphere</i> , 2012, 89, 1151-1160.	8.2	34
97	Development and optimization of a method for the determination of Cylindrospermopsin from strains of <i>Aphanizomenon</i> cultures: Intra-laboratory assessment of its accuracy by using validation standards. <i>Talanta</i> , 2012, 100, 356-363.	5.5	24
98	Differentiation of mangoes ( <i>Mangifera indica</i> L.) conventional and organically cultivated according to their mineral content by using support vector machines. <i>Talanta</i> , 2012, 97, 325-330.	5.5	10
99	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
100	Biochemical and pathological toxic effects induced by the cyanotoxin Cylindrospermopsin on the human cell line Caco-2. <i>Water Research</i> , 2012, 46, 1566-1575.	11.3	62
101	Mineral profile of wine using inductively coupled plasma optical emission spectrometry methods. <i>Food Chemistry</i> , 2012, 135, 309-313.	8.2	11
102	Time-dependent histopathological changes induced in Tilapia ( <i>Oreochromis niloticus</i> ) after acute exposure to pure cylindrospermopsin by oral and intraperitoneal route. <i>Ecotoxicology and Environmental Safety</i> , 2012, 76, 102-113.	6.0	48
103	Cylindrospermopsin determination in water by LC-MS/MS: Optimization and validation of the method and application to real samples. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 2233-2238.	4.3	45
104	Protective role of dietary L-cysteine on the oxidative stress induced by cylindrospermopsin in tilapia ( <i>Oreochromis niloticus</i> ). <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 1548-1555.	4.3	14
105	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
106	Oxidative stress responses in tilapia ( <i>Oreochromis niloticus</i> ) exposed to a single dose of pure cylindrospermopsin under laboratory conditions: Influence of exposure route and time of sacrifice. <i>Aquatic Toxicology</i> , 2011, 105, 100-106.	4.0	51
107	Effects of thermal treatments during cooking, microwave oven and boiling, on the unconjugated microcystin concentration in muscle of fish ( <i>Oreochromis niloticus</i> ). <i>Food and Chemical Toxicology</i> , 2011, 49, 2060-2067.	3.6	25
108	Toxicity and glutathione implication in the effects observed by exposure of the liver fish cell line PLHC-1 to pure cylindrospermopsin. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 1567-1572.	6.0	59

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109	Effects on growth and oxidative stress status of rice plants ( <i>Oryza sativa</i> ) exposed to two extracts of toxin-producing cyanobacteria ( <i>Aphanizomenon ovalisporum</i> and <i>Microcystis aeruginosa</i> ). <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 1973-1980.	6.0	82
110	Influence of carboxylic acid functionalization on the cytotoxic effects induced by single wall carbon nanotubes on human endothelial cells (HUVEC). <i>Toxicology in Vitro</i> , 2011, 25, 1883-1888.	2.4	58
111	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
112	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
113	Differentiation between microcystin contaminated and uncontaminated fish by determination of unconjugated MCs using an ELISA anti- $\alpha$ -adda 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
114	Microcystin-LR induces toxic effects in differentiated and undifferentiated Caco-2 cells. <i>Archives of Toxicology</i> , 2010, 84, 405-410.	4.2	19
115	Determination of microcystins in biological samples from freshwater fish. <i>International Journal of Environmental Analytical Chemistry</i> , 2010, 90, 1000-1013.	3.3	2
116	Differential oxidative stress responses to pure Microcystin-LR and Microcystin-containing and non-containing cyanobacterial crude extracts on Caco-2 cells. <i>Toxicon</i> , 2010, 55, 514-522.	1.6	60
117	In vitro evaluation of cytotoxicity and genotoxicity of a commercial titanium alloy for dental implantology. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2010, 702, 17-23.	1.7	85
118	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
119	Aquatic Toxicity Assessment of the Additive 6-Methylcoumarine Using Four Experimental Systems. <i>Archives of Environmental Contamination and Toxicology</i> , 2009, 56, 52-59.	4.1	6
120	Time-dependent protective efficacy of Trolox (vitamin E analog) against microcystin-induced toxicity in tilapia ( <i>Oreochromis niloticus</i> ). <i>Environmental Toxicology</i> , 2009, 24, 563-579.	4.0	36
121	Effects of dietary N-acetylcysteine on the oxidative stress induced in tilapia ( <i>Oreochromis</i> ) Tj ETQq1 1 0.784314 rgBT /Over <i>Toxicology and Chemistry</i> , 2009, 28, 1679-1686.	4.3	34
122	The antioxidant glutathione in the fish cell lines EPC and BCF-2: Response to model pro-oxidants as measured by three different fluorescent dyes. <i>Toxicology in Vitro</i> , 2009, 23, 546-553.	2.4	32
123	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
124	Oxidative stress induced by microcystin-LR on PLHC-1 fish cell line. <i>Toxicology in Vitro</i> , 2009, 23, 1445-1449.	2.4	30
125	Effects of dietary selenium on the oxidative stress and pathological changes in tilapia ( <i>Oreochromis</i> ) Tj ETQq1 1 0.784314 rgBT /Over <i>Toxicology in Vitro</i> , 2009, 23, 1445-1449.	1.6	81
126	Comparison of the toxicity induced by microcystin-RR and microcystin-YR in differentiated and undifferentiated Caco-2 cells. <i>Toxicon</i> , 2009, 54, 161-169.	1.6	58

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127	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. <i>Microchemical Journal</i> , 2008, 88, 56-61.	4.5	59
128	Protective role of vitamin E on the microcystin- <i>LR</i> -induced oxidative stress in tilapia fish ( <i>Oreochromis niloticus</i> ). <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 1152-1159.	4.3	63
129	Microcystin-RR induced toxic effects in cell line Caco-2. <i>Toxicology Letters</i> , 2008, 180, S112.	0.8	2
130	Dose-dependent antioxidant responses and pathological changes in tenca ( <i>Tinca tinca</i> ) after acute oral exposure to <i>Microcystis</i> under laboratory conditions. <i>Toxicol</i> , 2008, 52, 1-12.	1.6	102
131	Acute Effects of Microcystins MC-LR and MC-RR on Acid and Alkaline Phosphatase Activities and Pathological Changes in Intraperitoneally Exposed Tilapia Fish ( <i>Oreochromis sp.</i> ). <i>Toxicologic Pathology</i> , 2008, 36, 449-458.	1.8	59
132	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. <i>Talanta</i> , 2007, 72, 263-268.	5.5	66
133	Acute and subacute toxic effects produced by microcystin-YR on the fish cell lines RTG-2 and PLHC-1. <i>Toxicology in Vitro</i> , 2007, 21, 1460-1467.	2.4	52
134	Toxicological effects of the lipid regulator gemfibrozil in four aquatic systems. <i>Aquatic Toxicology</i> , 2007, 81, 106-115.	4.0	63
135	Time-dependent oxidative stress responses after acute exposure to toxic cyanobacterial cells containing microcystins in tilapia fish ( <i>Oreochromis niloticus</i> ) under laboratory conditions. <i>Aquatic Toxicology</i> , 2007, 84, 337-345.	4.0	114
136	Ecotoxicological evaluation of sodium fluoroacetate on aquatic organisms and investigation of the effects on two fish cell lines. <i>Chemosphere</i> , 2007, 67, 1-12.	8.2	21
137	Differentiation of two Andalusian DO wines according to their metal content from ICP-OES by using supervised pattern recognition methods. <i>Microchemical Journal</i> , 2007, 87, 72-76.	4.5	54
138	Study of mineral profile of Montilla-Moriles wines using inductively coupled plasma atomic emission spectrometry methods. <i>Journal of Food Composition and Analysis</i> , 2007, 20, 391-395.	3.9	50
139	Toxicological assessment of indium nitrate on aquatic organisms and investigation of the effects on the PLHC-1 fish cell line. <i>Science of the Total Environment</i> , 2007, 387, 155-165.	8.0	28
140	L-Carnitine attenuates oxidative stress in hypertensive rats. <i>Journal of Nutritional Biochemistry</i> , 2007, 18, 533-540.	4.2	49
141	Metallic profiles of Sherry wines using inductively coupled plasma atomic emission spectrometry methods (ICP-AES). <i>Sciences Des Aliments</i> , 2007, 27, 83-92.	0.2	6
142	Differential oxidative stress responses to microcystins LR and RR in intraperitoneally exposed tilapia fish ( <i>Oreochromis sp.</i> ). <i>Aquatic Toxicology</i> , 2006, 77, 314-321.	4.0	159
143	Toxic Effects Produced by Microcystins from a Natural Cyanobacterial Bloom and a <i>Microcystis aeruginosa</i> Isolated Strain on the Fish Cell Lines RTG-2 and PLHC-1. <i>Archives of Environmental Contamination and Toxicology</i> , 2006, 51, 86-96.	4.1	12
144	Determination of microcystins in biological samples by matrix solid-phase dispersion and liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2005, 1073, 257-262.	3.7	29

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146	Pyrolytic behaviour of microcystins and microcystin-spiked algal blooms. <i>Journal of Analytical and Applied Pyrolysis</i> , 2005, 74, 19-25.	5.5	12
147	Ecotoxicological evaluation of the additive butylated hydroxyanisole using a battery with six model systems and eighteen endpoints. <i>Aquatic Toxicology</i> , 2005, 71, 183-192.	4.0	36
148	Cyanobacteria and microcystins occurrence in the Guadiana River (SW Spain). <i>International Journal of Environmental Analytical Chemistry</i> , 2005, 85, 461-474.	3.3	21
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151	Antioxidant enzyme activity and lipid peroxidation in liver and kidney of rats exposed to microcystin-LR administered intraperitoneally. <i>Toxicol</i> , 2005, 45, 395-402.	1.6	233
152	Acid and alkaline phosphatase activities and pathological changes induced in Tilapia fish ( <i>Oreochromis sp.</i> ) exposed subchronically to microcystins from toxic cyanobacterial blooms under laboratory conditions. <i>Toxicol</i> , 2005, 46, 725-735.	1.6	129
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154	Toxic cyanobacteria strains isolated from blooms in the Guadiana River (southwestern Spain). <i>Biological Research</i> , 2004, 37, 405-17.	3.4	55
155	Determination of microcystins in natural blooms and cyanobacterial strain cultures by matrix solid-phase dispersion and liquid chromatography-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 380, 537-544.	3.7	41
156	Study of the mineral profile of Catalanian 'brut' cava using atomic spectrometric methods. <i>European Food Research and Technology</i> , 2004, 218, 448-451.	3.3	13
157	Decomposition of Microcystin-LR, Microcystin-RR, and Microcystin-YR in Water Samples Submitted to in Vitro Dissolution Tests. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 5933-5938.	5.2	27
158	Differentiation of sparkling wines (cava and champagne) according to their mineral content. <i>Talanta</i> , 2004, 63, 377-382.	5.5	61
159	Influence of Microcystin-LR on the activity of membrane enzymes in rat intestinal mucosa. <i>Journal of Physiology and Biochemistry</i> , 2003, 59, 293-299.	3.0	45
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161	Tribromophenol induces the differentiation of SH-SY5Y human neuroblastoma cells in vitro. <i>Toxicology in Vitro</i> , 2003, 17, 635-641.	2.4	40
162	Ecotoxicological evaluation of carbamazepine using six different model systems with eighteen endpoints. <i>Toxicology in Vitro</i> , 2003, 17, 525-532.	2.4	109

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164	Differentiation of Spanish brandies according to their metal content. Talanta, 2001, 54, 53-59.	5.5	50
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167	Multivariate characterization of wine vinegars from the south of Spain according to their metallic content. Talanta, 1997, 45, 379-386.	5.5	62
168	Determination of Nine Elements in Sherry Wine by Inductively Coupled Plasma-Atomic Emission Spectrometry. Journal of AOAC INTERNATIONAL, 1996, 79, 1191-1197.	1.5	25
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170	Unequivocal Identification of Several Common Adulterants and Diluents in Street Samples of Cocaine by Infrared Spectroscopy. Journal of Forensic Sciences, 1995, 40, 602-610.	1.6	11
171	Cadmium in the diet of the local population of Seville (Spain). Bulletin of Environmental Contamination and Toxicology, 1993, 50, 417-24.	2.7	32
172	Preconcentration of Heavy Metals in Urine and Quantification by Inductively Coupled Plasma Atomic Emission Spectrometry. Journal of Analytical Toxicology, 1993, 17, 18-22.	2.8	31
173	Spectrophotometric Evaluation of Acidity Constants of Biacetylmonoxime Nicotinyldrazone. Analytical Letters, 1987, 20, 895-898.	1.8	2
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