

# Daniel Gutierrez-Praena

## List of Publications by Citations

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40  
papers

1,460  
citations

24  
h-index

38  
g-index

44  
ext. papers

1,647  
ext. citations

5.4  
avg, IF

4.47  
L-index

#	Paper	IF	Citations
40	Toxicological evaluation of clay minerals and derived nanocomposites: a review. <i>Environmental Research</i> , <b>2015</b> , 138, 233-54	7.9	135
39	In vitro toxicological evaluation of essential oils and their main compounds used in active food packaging: A review. <i>Food and Chemical Toxicology</i> , <b>2015</b> , 81, 9-27	4.7	88
38	Cytotoxicity and morphological effects induced by carvacrol and thymol on the human cell line Caco-2. <i>Food and Chemical Toxicology</i> , <b>2014</b> , 64, 281-90	4.7	87
37	In vitro pro-oxidant/antioxidant role of carvacrol, thymol and their mixture in the intestinal Caco-2 cell line. <i>Toxicology in Vitro</i> , <b>2015</b> , 29, 647-56	3.6	79
36	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> , <b>2013</b> , 53, 139-52	4.7	75
35	Neurotoxicity induced by microcystins and cylindrospermopsin: A review. <i>Science of the Total Environment</i> , <b>2019</b> , 668, 547-565	10.2	60
34	New advances in active packaging incorporated with essential oils or their main components for food preservation. <i>Food Reviews International</i> , <b>2017</b> , 33, 447-515	5.5	57
33	Biochemical and pathological toxic effects induced by the cyanotoxin Cylindrospermopsin on the human cell line Caco-2. <i>Water Research</i> , <b>2012</b> , 46, 1566-75	12.5	57
32	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> , <b>2011</b> , 74, 1567-72	7	57
31	Toxic effects of a modified montmorillonite clay on the human intestinal cell line Caco-2. <i>Journal of Applied Toxicology</i> , <b>2014</b> , 34, 714-25	4.1	51
30	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> , <b>2011</b> , 25, 1883-8	3.6	50
29	Oxidative stress responses to carboxylic acid functionalized single wall carbon nanotubes on the human intestinal cell line Caco-2. <i>Toxicology in Vitro</i> , <b>2012</b> , 26, 672-7	3.6	49
28	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> , <b>2011</b> , 105, 100-6	5.1	48
27	Toxicity assessment of organomodified clays used in food contact materials on human target cell lines. <i>Applied Clay Science</i> , <b>2014</b> , 90, 150-158	5.2	47
26	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> , <b>2014</b> , 6, 1837-54	4.9	44
25	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> , <b>2011</b> , 20, 1852-60	2.9	43
24	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> , <b>2012</b> , 76, 102-13	7	42

23	Microcystin-RR: Occurrence, content in water and food and toxicological studies. A review. <i>Environmental Research</i> , <b>2019</b> , 168, 467-489	7.9	41
22	Use of nanoclay platelets in food packaging materials: technical and cytotoxicity approach. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2014</b> , 31, 354-63	3.2	33
21	Acute toxicological studies of the main organosulfur compound derived from <i>Allium</i> sp. intended to be used in active food packaging. <i>Food and Chemical Toxicology</i> , <b>2015</b> , 82, 1-11	4.7	32
20	Subchronic effects of cyanobacterial cells on the transcription of antioxidant enzyme genes in tilapia ( <i>Oreochromis niloticus</i> ). <i>Ecotoxicology</i> , <b>2011</b> , 20, 479-90	2.9	30
19	Alterations observed in the endothelial HUVEC cell line exposed to pure Cylindrospermopsin. <i>Chemosphere</i> , <b>2012</b> , 89, 1151-60	8.4	28
18	In vitro toxicity evaluation of new silane-modified clays and the migration extract from a derived polymer-clay nanocomposite intended to food packaging applications. <i>Journal of Hazardous Materials</i> , <b>2018</b> , 341, 313-320	12.8	26
17	Analysis of MC-LR and MC-RR in tissue from freshwater fish ( <i>Tinca tinca</i> ) and crayfish ( <i>Procambarus clarkii</i> ) in tench ponds (Cáceres, Spain) by liquid chromatography-mass spectrometry (LC-MS). <i>Food and Chemical Toxicology</i> , <b>2013</b> , 57, 170-8	4.7	24
16	In vitro genotoxicity testing of carvacrol and thymol using the micronucleus and mouse lymphoma assays. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2015</b> , 784-785, 37-44	3	24
15	Mutagenic and genotoxic potential of pure Cylindrospermopsin by a battery of in vitro tests. <i>Food and Chemical Toxicology</i> , <b>2018</b> , 121, 413-422	4.7	22
14	Cytotoxic and mutagenic in vitro assessment of two organosulfur compounds derived from onion to be used in the food industry. <i>Food Chemistry</i> , <b>2015</b> , 166, 423-431	8.5	20
13	In vivo toxicity evaluation of the migration extract of an organomodified clay-poly(lactic) acid nanocomposite. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2014</b> , 77, 731-46	3.2	17
12	Cytotoxic and morphological effects of microcystin-LR, cylindrospermopsin, and their combinations on the human hepatic cell line HepG2. <i>Environmental Toxicology</i> , <b>2019</b> , 34, 240-251	4.2	14
11	Protective role of dietary N-acetylcysteine on the oxidative stress induced by cylindrospermopsin in tilapia ( <i>Oreochromis niloticus</i> ). <i>Environmental Toxicology and Chemistry</i> , <b>2012</b> , 31, 1548-55	3.8	13
10	Proteomic analysis of anatoxin-a acute toxicity in zebrafish reveals gender specific responses and additional mechanisms of cell stress. <i>Ecotoxicology and Environmental Safety</i> , <b>2015</b> , 120, 93-101	7	12
9	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> , <b>2013</b> , 90, 986-92	8.4	10
8	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> , <b>2014</b> , 77, 456-66	3.2	9
7	Vitamin E pretreatment prevents histopathological effects in tilapia ( <i>Oreochromis niloticus</i> ) acutely exposed to cylindrospermopsin. <i>Environmental Toxicology</i> , <b>2016</b> , 31, 1469-1485	4.2	8
6	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>Toxicol</i> , <b>2014</b> , 78, 18-34	2.8	7

5	Effects of the subchronic exposure to an organomodified clay mineral for food packaging applications on Wistar rats. <i>Applied Clay Science</i> , <b>2014</b> , 95, 37-40	5.2	6
4	Immunohistochemical approach to study cylindrospermopsin distribution in tilapia ( <i>Oreochromis niloticus</i> ) under different exposure conditions. <i>Toxins</i> , <b>2014</b> , 6, 283-303	4.9	6
3	Potential Use of Chemoprotectants against the Toxic Effects of Cyanotoxins: A Review. <i>Toxins</i> , <b>2017</b> , 9,	4.9	5
2	In vitro assessment of the combination of cylindrospermopsin and the organophosphate chlorpyrifos on the human neuroblastoma SH-SY5Y cell line. <i>Ecotoxicology and Environmental Safety</i> , <b>2020</b> , 191, 110222	7	3
1	Bioassay Use in the Field of Toxic Cyanobacteria <b>2017</b> , 272-279		1