

# Carlos Fernández Torija

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

1,942  
citations

236925

25  
h-index

265206

42  
g-index

58  
all docs

58  
docs citations

58  
times ranked

2791  
citing authors

#	ARTICLE	IF	CITATIONS
1	Occurrence of pharmaceutically active compounds in surface waters of the henares-jarama-tajo river system (madrid, spain) and a potential risk characterization. <i>Science of the Total Environment</i> , 2010, 408, 543-551.	8.0	191
2	Environmental risk assessment of ivermectin: A case study. <i>Integrated Environmental Assessment and Management</i> , 2010, 6, 567-587.	2.9	113
3	Sewage sludge applied to agricultural soil: Ecotoxicological effects on representative soil organisms. <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 1309-1319.	6.0	107
4	Toxicity of the antimicrobial oxytetracycline to soil organisms in a multi-species-soil system (MSÂ-3) and influence of manure co-addition. <i>Journal of Hazardous Materials</i> , 2005, 122, 233-241.	12.4	91
5	Effect of soil properties, heavy metals and emerging contaminants in the soil nematodes diversity. <i>Environmental Pollution</i> , 2016, 213, 184-194.	7.5	76
6	Assessing the effects of fluoxetine on <i>Physa acuta</i> (Gastropoda, Pulmonata) and <i>Chironomus riparius</i> (Insecta, Diptera) using a two-species water-sediment test. <i>Science of the Total Environment</i> , 2009, 407, 1937-1946.	8.0	75
7	Teschoviruses as Indicators of Porcine Fecal Contamination of Surface Water. <i>Applied and Environmental Microbiology</i> , 2003, 69, 6311-6315.	3.1	74
8	A <i>Daphnia magna</i> feeding bioassay as a cost effective and ecological relevant sublethal toxicity test for Environmental Risk Assessment of toxic effluents. <i>Science of the Total Environment</i> , 2008, 405, 78-86.	8.0	74
9	Toxic effects of an oil spill on fish early life stages may not be exclusively associated to PAHs: Studies with Prestige oil and medaka ( <i>Oryzias latipes</i> ). <i>Aquatic Toxicology</i> , 2008, 87, 280-288.	4.0	73
10	Ecotoxicological assessment of doxycycline in aged pig manure using multispecies soil systems. <i>Science of the Total Environment</i> , 2004, 323, 63-69.	8.0	67
11	A New Method for Total Mercury and Methyl Mercury Analysis in Muscle of Seawater Fish. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2009, 83, 210-213.	2.7	61
12	Correlation between physicochemical and ecotoxicological approaches to estimate landfill leachates toxicity. <i>Waste Management</i> , 2011, 31, 1841-1847.	7.4	57
13	Effect Assessment of Antimicrobial Pharmaceuticals on the Aquatic Plant <i>Lemna minor</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2003, 70, 290-295.	2.7	52
14	Effects of the parasiticide ivermectin on the structure and function of dung and soil invertebrate communities in the field (Madrid, Spain). <i>Applied Soil Ecology</i> , 2010, 45, 284-292.	4.3	51
15	Ecotoxicological evaluation of pig slurry. <i>Chemosphere</i> , 2000, 41, 1629-1635.	8.2	49
16	Acute and chronic toxicity of emerging contaminants, alone or in combination, in <i>Chlorella vulgaris</i> and <i>Daphnia magna</i> . <i>Environmental Science and Pollution Research</i> , 2015, 22, 5417-5424.	5.3	46
17	Ecological impact of repeated applications of chlorpyrifos on zooplankton community in mesocosms under Mediterranean conditions. <i>Ecotoxicology</i> , 2008, 17, 811-825.	2.4	41
18	Linking embryo toxicity with genotoxic responses in the freshwater snail <i>Physa acuta</i> : Single exposure to benzo(a)pyrene, fluoxetine, bisphenol A, vinclozolin and exposure to binary mixtures with benzo(a)pyrene. <i>Ecotoxicology and Environmental Safety</i> , 2012, 80, 152-160.	6.0	38

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19	Zooplankton community responses to chlorpyrifos in mesocosms under Mediterranean conditions. <i>Ecotoxicology and Environmental Safety</i> , 2008, 71, 16-25.	6.0	34
20	Effects of individual and a mixture of pharmaceuticals and personal care products on cytotoxicity, EROD activity and ROS production in a rainbow trout gonadal cell line (RTG-2). <i>Journal of Applied Toxicology</i> , 2013, 33, 1203-1212.	2.8	32
21	The Prestige oil spill: A laboratory study about the toxicity of the water-soluble fraction of the fuel oil. <i>Marine Environmental Research</i> , 2006, 62, S352-S355.	2.5	31
22	Biological and chemical tools in the toxicological risk assessment of Jarama River, Madrid, Spain. <i>Environmental Pollution</i> , 1996, 93, 135-139.	7.5	29
23	Sublethal Effects of Repeated Intraperitoneal Cadmium Injections on Rainbow Trout ( <i>Oncorhynchus</i> ) Tj ETQq1 1 0.784314 rgBT /Over	6.0	28
24	Rapid and cost-effective multiparameter toxicity tests for soil microorganisms. <i>Science of the Total Environment</i> , 2000, 247, 143-150.	8.0	27
25	Effects of sulfachlorpyridazine in MS&A-3&Acarable land: A multispecies soil system for assessing the environmental fate and effects of veterinary medicines. <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 811-819.	4.3	27
26	Use of a novel battery of bioassays for the biological characterisation of hazardous wastes. <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 1594-1600.	6.0	23
27	Stage-Specific Toxicity of Cypermethrin to Medaka ( <i>Oryzias latipes</i> ) Eggs and Embryos Using a Refined Methodology for an In Vitro Fertilization Bioassay. <i>Archives of Environmental Contamination and Toxicology</i> , 2004, 48, 87-98.	4.1	22
28	Evaluation of a Multi-species Test System for Assessing Acute and Chronic Toxicity of Sediments and Water to Aquatic Invertebrates: Effects of Pentachlorophenol on <i>Daphnia magna</i> and <i>Chironomus prasinus</i> (6 pp). <i>Journal of Soils and Sediments</i> , 2005, 5, 53-58.	3.0	22
29	Accumulation and effects of benzo(a)pyrene on cytochrome P450 1A in waterborne exposed and intraperitoneal injected juvenile turbot ( <i>Scophthalmus maximus</i> ). <i>Marine Environmental Research</i> , 1998, 46, 17-20.	2.5	21
30	Embryonic exposure of medaka ( <i>Oryzias latipes</i> ) to propylparaben: Effects on early development and post-hatching growth. <i>Environmental Pollution</i> , 2014, 184, 360-369.	7.5	21
31	Pharmacokinetic Profile of Ivermectin in Cattle Dung Excretion, and its Associated Environmental Hazard. <i>Soil and Sediment Contamination</i> , 2009, 18, 564-575.	1.9	20
32	Assessment of potential immunotoxic effects caused by cypermethrin, fluoxetine, and thiabendazole using heat shock protein 70 and interleukin-1 $\beta$ mRNA expression in the anuran <i>Xenopus laevis</i> . <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 2536-2543.	4.3	19
33	Toxicological characterisation of sludge from sewage treatment plants using toxicity identification evaluation protocols based on in vitro toxicity tests. <i>Toxicology in Vitro</i> , 2001, 15, 519-524.	2.4	16
34	Alterations in gene expression levels provide early indicators of chemical stress during <i>Xenopus laevis</i> embryo development: A case study with perfluorooctane sulfonate (PFOS). <i>Ecotoxicology and Environmental Safety</i> , 2016, 127, 51-60.	6.0	16
35	Sublethal and chronic effects of reclaimed water on aquatic organisms. Looking for relationships between physico-chemical characterisation and toxic effects. <i>Science of the Total Environment</i> , 2018, 640-641, 1537-1547.	8.0	15
36	Detection of aroclor, DDT, malathion and HCB using semipermeable membranes as concentration method. <i>Chemosphere</i> , 1995, 31, 2727-2737.	8.2	14

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37	Bioaccumulation assessment via an adapted multi-species soil system (MS <sup>3</sup> ) and its application using cadmium. <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 1038-1044.	6.0	14
38	Gene expression of heat shock protein 70, interleukin-1 $\beta$ and tumor necrosis factor $\alpha$ as tools to identify immunotoxic effects on <i>Xenopus laevis</i> : A dose-response study with benzo[a]pyrene and its degradation products. <i>Environmental Pollution</i> , 2012, 160, 28-33.	7.5	13
39	Environmental risk assessment of perfluoroalkyl substances and halogenated flame retardants released from biosolids-amended soils. <i>Chemosphere</i> , 2018, 210, 147-155.	8.2	13
40	A new hazard index of complex mixtures integrates bioconcentration and toxicity to refine the environmental risk assessment of effluents. <i>Environment International</i> , 2008, 34, 773-781.	10.0	12
41	Dynamics of BNF-induced in vivo ethoxyresorufin-O-deethylase (EROD) activity during embryonic development of medaka ( <i>Oryzias latipes</i> ). <i>Aquatic Toxicology</i> , 2011, 105, 421-427.	4.0	11
42	Effects of dietary 2,2,4,4-tetrabromodiphenyl ether (BDE-47) exposure in growing medaka fish ( <i>Oryzias latipes</i> ). <i>Journal of Great Lakes Research</i> , 2011, 37, 11-17.	4.0	11
43	Bioaccumulation, maternal transfer and effects of dietary 2,2,4,4-tetrabromodiphenyl ether (BDE-47) exposure on medaka fish ( <i>Oryzias latipes</i> ) offspring. <i>Aquatic Toxicology</i> , 2017, 192, 241-250.	4.0	10
44	Assessing the Influence of Biota on Metal Mobility in a Multi-Species Soil System (MS <sup>3</sup> ). <i>Soil and Sediment Contamination</i> , 2006, 15, 327-337.	1.9	9
45	Forecasting risk along a river basin using a probabilistic and deterministic model for environmental risk assessment of effluents through ecotoxicological evaluation and GIS. <i>Science of the Total Environment</i> , 2009, 408, 294-303.	8.0	9
46	A Cost/Effective Screening Method for Assessing the Toxicity of Nutrient Rich Effluents to Algae. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2010, 85, 72-78.	2.7	9
47	Effects of dietary exposure of polycyclic musk HHCB on the metamorphosis of <i>Xenopus laevis</i> . <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 1428-1435.	4.3	9
48	Stage-dependent effects of chlorpyrifos on medaka ( <i>Oryzias latipes</i> ) swimming behavior using a miniaturized swim flume. <i>Aquatic Toxicology</i> , 2018, 200, 37-49.	4.0	9
49	An artificial fertilization method with the Japanese medaka: Implications in early life stage bioassays and solvent toxicity. <i>Ecotoxicology and Environmental Safety</i> , 2008, 69, 95-103.	6.0	8
50	Stage-dependent ethoxyresorufin-O-deethylase (EROD) in vivo activity in medaka ( <i>Oryzias latipes</i> ) embryos. <i>Chemosphere</i> , 2015, 135, 108-115.	8.2	8
51	Combining the assessment of apical endpoints and gene expression in the freshwater snail <i>Physa acuta</i> after exposure to reclaimed water. <i>Science of the Total Environment</i> , 2018, 642, 180-189.	8.0	8
52	Limitations of waterborne exposure of fish early life stages to BDE-47. <i>Aquatic Toxicology</i> , 2014, 148, 184-194.	4.0	7
53	A new method to determine musk xylene in water, sewage, fish and related products. <i>Chemosphere</i> , 1996, 32, 1805-1811.	8.2	6
54	Semifield assessment of the runoff potential and environmental risk of the parasiticide drug ivermectin under Mediterranean conditions. <i>Environmental Science and Pollution Research</i> , 2011, 18, 1194-1201.	5.3	6

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55	Effects of dietary 2,2,4,4-tetrabromodiphenyl ether (BDE-47) exposure on medaka ( <i>Oryzias latipes</i> ) swimming behavior. <i>Environmental Pollution</i> , 2018, 233, 540-551.	7.5	6
56	The role of PFOS on triclosan toxicity to two model freshwater organisms. <i>Environmental Pollution</i> , 2020, 263, 114604.	7.5	5
57	Comparison of different extraction procedures for organic fraction toxicity testing of urban sewages. <i>Toxicological and Environmental Chemistry</i> , 1999, 70, 115-127.	1.2	3
58	Toxicity Identification Evaluation of Organic Pollutants Based on Solid-Phase Micro-Extraction and Gas Chromatography/Mass Spectrometry. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2004, 72, 903-10.	2.7	3