

Sebastián Sánchez-Fortón

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,106
citations

361413

20
h-index

434195

31
g-index

52
all docs

52
docs citations

52
times ranked

1571
citing authors

#	ARTICLE	IF	CITATIONS
1	Validation of coffee by-products as novel food ingredients. <i>Innovative Food Science and Emerging Technologies</i> , 2019, 51, 194-204.	5.6	123
2	Heavy metals immobilization capability of two iron-based nanoparticles (nZVI and Fe ₃ O ₄): Soil and freshwater bioassays to assess ecotoxicological impact. <i>Science of the Total Environment</i> , 2019, 656, 421-432.	8.0	73
3	Toxicity of carbamates to the brine shrimp <i>Artemia salina</i> and the effect of atropine, BW284c51, iso-OMPA and 2-PAM on carbaryl toxicity. <i>Environmental Pollution</i> , 1999, 104, 469-476.	7.5	66
4	Comparative study on the environmental risk induced by several pyrethroids in estuarine and freshwater invertebrate organisms. <i>Chemosphere</i> , 2005, 59, 553-559.	8.2	50
5	Evaluation of nanoremediation strategy in a Pb, Zn and Cd contaminated soil. <i>Science of the Total Environment</i> , 2020, 706, 136041.	8.0	50
6	Acute Sensitivity of Three Age Classes of <i>Artemia salina</i> Larvae to Seven Chlorinated Solvents. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1997, 59, 445-451.	2.7	44
7	Bioadsorption and bioaccumulation of chromium trivalent in Cr(III)-tolerant microalgae: A mechanisms for chromium resistance. <i>Chemosphere</i> , 2013, 93, 1057-1063.	8.2	40
8	Immobilization and Leaching of Pb and Zn in an Acidic Soil Treated with Zerovalent Iron Nanoparticles (nZVI): Physicochemical and Toxicological Analysis of Leachates. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	2.4	39
9	Comparative Sensitivity of Three Age Classes of <i>Artemia salina</i> Larvae to Several Phenolic Compounds. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1996, 56, 271-278.	2.7	38
10	Assessing the role of polyethylene microplastics as a vector for organic pollutants in soil: Ecotoxicological and molecular approaches. <i>Chemosphere</i> , 2022, 288, 132460.	8.2	36
11	Acute toxicity of several organophosphorous insecticides and protection by cholinergic antagonists and 2-PAM on <i>Artemia salina</i> larvae. <i>Archives of Environmental Contamination and Toxicology</i> , 1996, 31, 391-398.	4.1	33
12	Cytotoxicity and genotoxicity of sewage treatment plant effluents in rainbow trout cells (RTG-2). <i>Water Research</i> , 2012, 46, 6351-6358.	11.3	33
13	Coffee Silverskin Extract: Nutritional Value, Safety and Effect on Key Biological Functions. <i>Nutrients</i> , 2019, 11, 2693.	4.1	30
14	Influence of water hardening of the chorion on cadmium accumulation in medaka (<i>Oryzias latipes</i>) eggs. <i>Chemosphere</i> , 2003, 52, 75-83.	8.2	28
15	Acute toxicity of organic solvents on <i>Artemia salina</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 1994, 52, 766-71.	2.7	27
16	Repercussions of salinity changes and osmotic stress in marine phytoplankton species. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 175, 169-175.	2.1	25
17	Acute toxicities of selected insecticides to the aquatic arthropod <i>Artemia salina</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 1995, 54, 76-82.	2.7	24
18	Potential risk of acute toxicity induced by AgI cloud seeding on soil and freshwater biota. <i>Ecotoxicology and Environmental Safety</i> , 2016, 133, 433-441.	6.0	24

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19	TOXICITY AND ADAPTATION OF DICTYOSPHAERIUM CHLORELLOIDES TO EXTREME CHROMIUM CONTAMINATION. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 1901.	4.3	23
20	Inhibition of growth and photosynthesis of selected green microalgae as tools to evaluate toxicity of dodecylethyl-dimethyl-ammonium bromide. <i>Ecotoxicology</i> , 2008, 17, 229-234.	2.4	20
21	Toxicity of betulin derivatives and in vitro effect on promastigotes and amastigotes of <i>Leishmania infantum</i> and <i>L. donovani</i> . <i>Journal of Antibiotics</i> , 2011, 64, 475-481.	2.0	20
22	Bioassays to assess the ecotoxicological impact of polyethylene microplastics and two organic pollutants, simazine and ibuprofen. <i>Chemosphere</i> , 2021, 274, 129704.	8.2	20
23	Genotoxic effects of selected biocides on RTG-2 fish cells by means of a modified Fast Micromethod Assay. <i>Aquatic Toxicology</i> , 2005, 73, 55-64.	4.0	18
24	Toxic effect and adaptation in <i>Scenedesmus intermedius</i> to anthropogenic chloramphenicol contamination: genetic versus physiological mechanisms to rapid acquisition of xenobiotic resistance. <i>Ecotoxicology</i> , 2009, 18, 481-487.	2.4	16
25	Toxic effects and specific chromium acquired resistance in selected strains of <i>Dyctiosphaerium chlorelloides</i> . <i>Chemosphere</i> , 2010, 81, 282-287.	8.2	16
26	Bioaccessibility, Metabolism, and Excretion of Lipids Composing Spent Coffee Grounds. <i>Nutrients</i> , 2019, 11, 1411.	4.1	16
27	Peracetic acid disinfectant efficacy against <i>Pseudomonas aeruginosa</i> biofilms on polystyrene surfaces and comparison between methods to measure it. <i>LWT - Food Science and Technology</i> , 2014, 56, 58-61.	5.2	15
28	Effects of polyethylene-type microplastics on the growth and primary production of the freshwater phytoplankton species <i>Scenedesmus armatus</i> and <i>Microcystis aeruginosa</i> . <i>Environmental and Experimental Botany</i> , 2021, 188, 104510.	4.2	13
29	Acetylcholinesterase histochemistry and functional characterization of the muscarinic receptor mediating the contraction of the bovine oesophageal groove. <i>Autonomic and Autacoid Pharmacology</i> , 1997, 17, 77-86.	0.6	11
30	EFFECTS OF SELECTED BIOCIDES USED IN THE DISINFECTION OF COOLING TOWERS ON TOXICITY AND BIOACCUMULATION IN ARTEMIA LARVAE. <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 3137.	4.3	11
31	GENETIC ADAPTATION AND ACCLIMATION OF PHYTOPLANKTON ALONG A STRESS GRADIENT IN THE EXTREME WATERS OF THE AGRIO RIVER-CAVIAHUE LAKE (ARGENTINA). <i>Journal of Phycology</i> , 2011, 47, 1036-1043.	2.3	11
32	Toxicity and characterization of cholinesterase-inhibition induced by diisopropyl fluorophosphate in <i>Artemia salina</i> larvae. <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 775-780.	6.0	10
33	Protective effect induced by atropine, carbamates, and 2-pyridine aldoxime methoiodide <i>Artemia salina</i> larvae exposed to fonofos and phosphamidon. <i>Ecotoxicology and Environmental Safety</i> , 2007, 66, 65-73.	6.0	9
34	Assessment of genotoxic effects induced by selected pesticides on RTG-2 fish cells by means of a modified fast micromethod assay. <i>Environmental Toxicology</i> , 2012, 27, 238-243.	4.0	9
35	Copper and Chromium toxicity is mediated by oxidative stress in <i>Caenorhabditis elegans</i> : The use of nanoparticles as an immobilization strategy. <i>Environmental Toxicology and Pharmacology</i> , 2022, 92, 103846.	4.0	9
36	The use of carbamates, atropine, and 2-pyridine aldoxime methoiodide in the protection of <i>Artemia salina</i> against poisoning by carbophenothion. <i>Environmental Toxicology and Chemistry</i> , 2001, 20, 2008-2013.	4.3	8

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37	Toxic effects induced by salt stress on selected freshwater prokaryotic and eukaryotic microalgal species. <i>Ecotoxicology</i> , 2009, 18, 174-179.	2.4	8
38	Involvement of the L-arginine/nitric oxide neural pathway in non-adrenergic, non-cholinergic relaxation of the bovine oesophageal groove. <i>Autonomic and Autacoid Pharmacology</i> , 1998, 18, 65-73.	0.6	7
39	Acute Toxicity and Inhibition of Phototaxis Induced by Benzalkonium Chloride in <i>Artemia franciscana</i> Larvae. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2005, 75, 1208-1213.	2.7	7
40	Use of a microbial toxicity test (Microtox®) to determine the toxigenicity of <i>Aspergillus fumigatus</i> strains isolated from different sources. <i>Toxicon</i> , 2009, 53, 729-733.	1.6	7
41	Toxic risk associated with sporadic occurrences of <i>Microcystis aeruginosa</i> blooms from tidal rivers in marine and estuarine ecosystems and its impact on <i>Artemia franciscana</i> nauplii populations. <i>Chemosphere</i> , 2013, 90, 2187-2192.	8.2	6
42	Influence of pH on the survival of <i>Dictyosphaerium chlorelloides</i> populations living in aquatic environments highly contaminated with chromium. <i>Ecotoxicology and Environmental Safety</i> , 2013, 98, 82-87.	6.0	6
43	Morphological and physiological changes exhibited by a Cd-resistant <i>Dictyosphaerium chlorelloides</i> strain and its cadmium removal capacity. <i>International Journal of Phytoremediation</i> , 2016, 18, 1171-1177.	3.1	6
44	Photosynthetic activity and protein overexpression found in Cr(III)-tolerant cells of the green algae <i>Dictyosphaerium chlorelloides</i> . <i>Chemosphere</i> , 2014, 108, 274-280.	8.2	5
45	Importance of strain type to predict the toxicological risk associated with <i>Microcystis aeruginosa</i> blooms: comparison of Microtox® analysis and immunoassay. <i>Journal of Water and Health</i> , 2012, 10, 256-261.	2.6	3
46	Prediction of the impact induced by Cd in binary interactions with other divalent metals on wild-type and Cd-resistant strains of <i>Dictyosphaerium chlorelloides</i> . <i>Environmental Science and Pollution Research</i> , 2022, 29, 22555-22565.	5.3	3
47	Involvement of cyclic GMP-dependent mechanism in the nitrenergic relaxation of the bovine oesophageal groove. <i>Autonomic and Autacoid Pharmacology</i> , 1999, 19, 39-47.	0.6	2
48	Cytotoxic and genotoxic effect in RTG-2 cell line exposed to selected biocides used in the disinfection of cooling towers. <i>Ecotoxicology</i> , 2008, 17, 273-279.	2.4	2
49	Evolution in the photosynthetic oxygen rate of a Cd-resistant strain of <i>Dictyosphaerium chlorelloides</i> by changes in light intensity and temperature. <i>Chemosphere</i> , 2020, 239, 124672.	8.2	2
50	Acute Toxicity of Several Organophosphorous Insecticides and Protection by Cholinergic Antagonists and 2-PAM on <i>Artemia salina</i> Larvae. <i>Archives of Environmental Contamination and Toxicology</i> , 1996, 31, 391-398.	4.1	2
51	Interference of heavy metals on the photosynthetic response from a Cr(VI)-resistant <i>Dictyosphaerium chlorelloides</i> strain. <i>Ecotoxicology</i> , 2016, 25, 15-21.	2.4	1