

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 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | Validation of coffee by-products as novel food ingredients. <i>Innovative Food Science and Emerging Technologies</i> , 2019, 51, 194-204. | 5.6 | 123 |
| 9 | Coffee Silverskin Extract: Nutritional Value, Safety and Effect on Key Biological Functions. <i>Nutrients</i> , 2019, 11, 2693. | 4.1 | 30 |
| 10 | Bioaccessibility, Metabolism, and Excretion of Lipids Composing Spent Coffee Grounds. <i>Nutrients</i> , 2019, 11, 1411. | 4.1 | 16 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

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|----|--|------|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | 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 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | 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 |
| 27 | Toxic effects and specific chromium acquired resistance in selected strains of <i>Dictyosphaerium chlorelloides</i> . <i>Chemosphere</i> , 2010, 81, 282-287. | 8.2 | 16 |
| 28 | Toxic effects induced by salt stress on selected freshwater prokaryotic and eukaryotic microalgal species. <i>Ecotoxicology</i> , 2009, 18, 174-179. | 2.4 | 8 |
| 29 | 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 |
| 30 | TOXICITY AND ADAPTATION OF <i>DICTYOSPHAERIUM CHLORELLOIDES</i> TO EXTREME CHROMIUM CONTAMINATION. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 1901. | 4.3 | 23 |
| 31 | 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 |
| 32 | 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 |
| 33 | Inhibition of growth and photosynthesis of selected green microalgae as tools to evaluate toxicity of dodecylethylidimethyl-ammonium bromide. <i>Ecotoxicology</i> , 2008, 17, 229-234. | 2.4 | 20 |
| 34 | 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 |
| 35 | Protective effect induced by atropine, carbamates, and 2-pyridine aldoxime methiodide <i>Artemia salina</i> larvae exposed to fonofos and phosphamidon. <i>Ecotoxicology and Environmental Safety</i> , 2007, 66, 65-73. | 6.0 | 9 |
| 36 | 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 |

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|----|--|-----|-----------|
| 37 | 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 |
| 38 | 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 |
| 39 | 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 |
| 40 | 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 |
| 41 | The use of carbamates, atropine, and 2- <i>pyridine aldoxime methoiodide</i> 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 |
| 42 | Involvement of cyclic GMP-dependent mechanism in the nitrergic relaxation of the bovine oesophageal groove. <i>Autonomic and Autacoid Pharmacology</i> , 1999, 19, 39-47. | 0.6 | 2 |
| 43 | 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 |
| 44 | 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 |
| 45 | 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 |
| 46 | 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 |
| 47 | 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 |
| 48 | 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 |
| 49 | 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 |
| 50 | 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 |
| 51 | 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 |