

Silvia Pedroso Melegari

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,049
citations

516215

16
h-index

500791

28
g-index

28
all docs

28
docs citations

28
times ranked

1728
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of toxicity of zinc oxide nanorods on green microalgae of freshwater and marine ecosystems. <i>Environmental Chemistry and Ecotoxicology</i> , 2021, 3, 85-90.	4.6	5
2	Emerging investigator series: a multispecies analysis of the relationship between oxygen content and toxicity in graphene oxide. <i>Environmental Science: Nano</i> , 2021, 8, 1543-1559.	2.2	1
3	Electrochemical impedance biosensor for detection of saxitoxin in aqueous solution. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 6393-6399.	1.9	17
4	Toxicological Evaluation and Quantification of Ingested Metal-Core Nanoplastic by <i>Daphnia magna</i> Through Fluorescence and Inductively Coupled Plasma-Mass Spectrometric Methods. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 2101-2110.	2.2	27
5	Can the surface modification and/or morphology affect the ecotoxicity of zinc oxide nanomaterials?. <i>Chemosphere</i> , 2019, 224, 237-246.	4.2	20
6	Comparative assessment of acute and chronic ecotoxicity of water soluble fractions of diesel and biodiesel on <i>Daphnia magna</i> and <i>Aliivibrio fischeri</i> . <i>Chemosphere</i> , 2019, 221, 640-646.	4.2	16
7	Correlation between acute toxicity for <i>Daphnia magna</i> , <i>Aliivibrio fischeri</i> and physicochemical variables of the leachate produced in landfill simulator reactors. <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 2898-2906.	1.2	9
8	Toxicological impact of morphology and surface functionalization of amorphous SiO ₂ nanomaterials. <i>NanoImpact</i> , 2017, 5, 6-12.	2.4	22
9	Effect of chromium oxide (III) nanoparticles on the production of reactive oxygen species and photosystem II activity in the green alga <i>Chlamydomonas reinhardtii</i> . <i>Science of the Total Environment</i> , 2016, 565, 951-960.	3.9	78
10	Synthesis, characterization and toxicological evaluation of Cr ₂ O ₃ nanoparticles using <i>Daphnia magna</i> and <i>Aliivibrio fischeri</i> . <i>Ecotoxicology and Environmental Safety</i> , 2016, 128, 36-43.	2.9	26
11	Oxidative stress and hypermethylation induced by exposure of <i>Oreochromis niloticus</i> to complex environmental mixtures of river water from Cubatão do Sul, Brazil. <i>Ecotoxicology and Environmental Safety</i> , 2015, 114, 190-197.	2.9	10
12	Synthetic wastewaters treatment by electrocoagulation to remove silver nanoparticles produced by different routes. <i>Journal of Environmental Management</i> , 2015, 159, 147-157.	3.8	13
13	Evaluation of Cytotoxicity and Cell Death Induced In Vitro by Saxitoxin in Mammalian Cells. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2015, 78, 1189-1200.	1.1	13
14	Toxicity of pamam-coated gold nanoparticles in different unicellular models. <i>Environmental Toxicology</i> , 2014, 29, 328-336.	2.1	18
15	Synthesis, characterization and toxicological evaluation of a core-shell copper oxide/polyaniline nanocomposite. <i>Chemosphere</i> , 2014, 108, 107-114.	4.2	16
16	Comparative evaluation of acute and chronic toxicities of CuO nanoparticles and bulk using <i>Daphnia magna</i> and <i>Vibrio fischeri</i> . <i>Science of the Total Environment</i> , 2014, 490, 807-814.	3.9	67
17	Acute toxicity of copper and chromium oxide nanoparticles to <i>Daphnia similis</i> . <i>Ecotoxicology and Environmental Contamination</i> , 2014, 9, 43-50.	0.2	13
18	Evaluation of toxicity and oxidative stress induced by copper oxide nanoparticles in the green alga <i>Chlamydomonas reinhardtii</i> . <i>Aquatic Toxicology</i> , 2013, 142-143, 431-440.	1.9	220

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19	Induction of micronucleus of <i>Oreochromis niloticus</i> exposed to waters from the Cubatão do Sul River, southern Brazil. <i>Ecotoxicology and Environmental Safety</i> , 2013, 98, 103-109.	2.9	16
20	Effects of exposure to soluble fraction of industrial solid waste on lipid peroxidation and DNA methylation in erythrocytes of <i>Oreochromis niloticus</i> , as assessed by quantification of MDA and m5dC rates. <i>Ecotoxicology and Environmental Safety</i> , 2012, 76, 63-70.	2.9	29
21	Preliminary assessment of the performance of oyster shells and chitin materials as adsorbents in the removal of saxitoxin in aqueous solutions. <i>Chemistry Central Journal</i> , 2012, 6, 86.	2.6	12
22	Genotoxic effects of copper oxide nanoparticles in Neuro 2A cell cultures. <i>Science of the Total Environment</i> , 2012, 441, 117-124.	3.9	108
23	Polymer coating of copper oxide nanoparticles increases nanoparticles uptake and toxicity in the green alga <i>Chlamydomonas reinhardtii</i> . <i>Chemosphere</i> , 2012, 87, 1388-1394.	4.2	157
24	Induction to oxidative stress by saxitoxin investigated through lipid peroxidation in Neuro 2A cells and <i>Chlamydomonas reinhardtii</i> alga. <i>Chemosphere</i> , 2012, 89, 38-43.	4.2	54
25	Investigation of animal and algal bioassays for reliable saxitoxin ecotoxicity and cytotoxicity risk evaluation. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 1021-1026.	2.9	39
26	Resolution of 1±-methylene-1 ² -hydroxy esters catalyzed by free and immobilized <i>Pseudomonas</i> sp. lipase. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 3111-3115.	1.8	37
27	Estudos de proteólise da célula de <i>saccharomyces cerevisiae</i> para utilização em reações de redução em meio orgânico. <i>Química Nova</i> , 2002, 25, 567-571.	0.3	4