

Carmen Simioni

List of Publications by Year in descending order

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48
papers

614
citations

567281

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48
docs citations

48
times ranked

807
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioabsorption of cadmium, copper and lead by the red macroalga <i>Gelidium floridanum</i> : Physiological responses and ultrastructure features. <i>Ecotoxicology and Environmental Safety</i> , 2014, 105, 80-89.	6.0	39
2	Effects of copper and lead exposure on the ecophysiology of the brown seaweed <i>Sargassum cymosum</i> . <i>Protoplasma</i> , 2016, 253, 111-125.	2.1	34
3	Toxicological effects of AgNPs on duckweed (<i>Landoltia punctata</i>). <i>Science of the Total Environment</i> , 2020, 710, 136318.	8.0	33
4	Mitochondrial dysfunction is associated with long-term cognitive impairment in an animal sepsis model. <i>Clinical Science</i> , 2019, 133, 1993-2004.	4.3	32
5	Photoacclimation Responses of the Brown Macroalga <i>Sargassum Cymosum</i> to the Combined Influence of UV Radiation and Salinity: Cytochemical and Ultrastructural Organization and Photosynthetic Performance. <i>Photochemistry and Photobiology</i> , 2014, 90, 560-573.	2.5	28
6	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.	4.3	27
7	Crystalline phase-dependent toxicity of aluminum oxide nanoparticles toward <i>Daphnia magna</i> and ecological risk assessment. <i>Environmental Research</i> , 2020, 182, 108987.	7.5	26
8	Effects of salinity on the physiology of the red macroalga, <i>Acanthophora spicifera</i> (Rhodophyta). <i>Journal of Applied Phycology</i> , 2010, 24, 50-54.	0.8	23
9	Morphological and ultrastructural characterization of the acidophilic and lipid-producer strain <i>Chlamydomonas acidophila</i> LAFIC-004 (Chlorophyta) under different culture conditions. <i>Protoplasma</i> , 2017, 254, 1385-1398.	2.1	21
10	The brown seaweed <i>Sargassum cymosum</i> : changes in metabolism and cellular organization after long-term exposure to cadmium. <i>Protoplasma</i> , 2017, 254, 817-837.	2.1	19
11	Effects of Ultraviolet Radiation (UVA + UVB) on Young Gametophytes of <i>Gelidium floridanum</i> : Growth Rate, Photosynthetic Pigments, Carotenoids, Photosynthetic Performance, and Ultrastructure. <i>Photochemistry and Photobiology</i> , 2014, 90, 1050-1060.	2.5	18
12	Callus ontogeny of the <i>Kappaphycus alvarezii</i> (Rhodophyta, Gigartinales) brown tetrasporophyte strain. <i>Journal of Applied Phycology</i> , 2013, 25, 615-629.	2.8	17
13	Metabolic profile of the brown macroalga <i>Sargassum cymosum</i> (Phaeophyceae, Fucales) under laboratory UV radiation and salinity conditions. <i>Journal of Applied Phycology</i> , 2015, 27, 887-899.	2.8	16
14	Effects of spindle inhibitors and phyto regulators on the micropropagation of <i>Kappaphycus alvarezii</i> (Rhodophyta, Gigartinales). <i>Journal of Applied Phycology</i> , 2015, 27, 437-445.	2.8	16
15	Comparison of cytotoxicity of γ -Al ₂ O ₃ and δ -Al ₂ O ₃ nanoparticles toward neuronal and bronchial cells. <i>Toxicology in Vitro</i> , 2019, 61, 104596.	2.4	16
16	Seaweed resources of Brazil: what has changed in 20 years?. <i>Botanica Marina</i> , 2019, 62, 433-441.	1.2	16
17	Anti-cancer Effects of Fucoxanthin on Human Glioblastoma Cell Line. <i>Anticancer Research</i> , 2020, 40, 6799-6815.	1.1	16
18	Profiles of carotenoids and amino acids and total phenolic compounds of the red alga <i>Pterocladia capillacea</i> exposed to cadmium and different salinities. <i>Journal of Applied Phycology</i> , 2016, 28, 1955-1963.	2.8	15

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19	The Effect of Cadmium Under Different Salinity Conditions on the Cellular Architecture and Metabolism in the Red Alga <i>Pterocladia capillacea</i> (Rhodophyta, Gelidiales). <i>Microscopy and Microanalysis</i> , 2014, 20, 1411-1424.	0.4	14
20	The effect of different concentrations of copper and lead on the morphology and physiology of <i>Hypnea musciformis</i> cultivated in vitro: a comparative analysis. <i>Protoplasma</i> , 2015, 252, 1203-1215.	2.1	14
21	Developmental effects of exposure to ultraviolet B radiation on the freshwater prawn <i>Macrobrachium olfersi</i> : Mitochondria as a target of environmental UVB radiation. <i>Ecotoxicology and Environmental Safety</i> , 2016, 132, 279-287.	6.0	14
22	Effects of manganese on the physiology and ultrastructure of <i>Sargassum cymosum</i> . <i>Environmental and Experimental Botany</i> , 2017, 133, 24-34.	4.2	14
23	Effects of Ultraviolet Radiation (UVA + UVB) and Copper on the Morphology, Ultrastructural Organization and Physiological Responses of the Red Alga <i>Pterocladia capillacea</i> . <i>Photochemistry and Photobiology</i> , 2015, 91, 359-370.	2.5	13
24	Impact of different crystalline forms of nTiO ₂ on metabolism and arsenic toxicity in <i>Limnoperna fortunei</i> . <i>Science of the Total Environment</i> , 2020, 728, 138318.	8.0	13
25	Ploidy determination of three <i>Kappaphycus alvarezii</i> strains (Rhodophyta, Gigartinales) by confocal fluorescence microscopy. <i>Journal of Applied Phycology</i> , 2012, 24, 495-499.	2.8	12
26	Toxicity of binary mixtures of Al ₂ O ₃ and ZnO nanoparticles toward fibroblast and bronchial epithelium cells. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2020, 83, 363-377.	2.3	12
27	Effects of brefeldin A on the endomembrane system and germ tube formation of the tetraspore of <i>Gelidium floridanum</i> (Rhodophyta, Florideophyceae). <i>Journal of Phycology</i> , 2014, 50, 577-586.	2.3	11
28	Influence of cadmium and salinity in the red alga <i>Pterocladia capillacea</i> : cell morphology, photosynthetic performance and antioxidant systems. <i>Revista Brasileira De Botanica</i> , 2015, 38, 737-749.	1.3	11
29	Acute and chronic toxicity of amine-functionalized SiO ₂ nanostructures toward <i>Daphnia magna</i> . <i>Ecotoxicology and Environmental Safety</i> , 2021, 212, 111979.	6.0	10
30	The influence of salinity on growth, morphology, leaf ultrastructure, and cell viability of the seagrass <i>Halodule wrightii</i> Ascherson. <i>Protoplasma</i> , 2017, 254, 1529-1537.	2.1	9
31	Effects of cadmium metal on young gametophytes of <i>Gelidium floridanum</i> : metabolic and morphological changes. <i>Protoplasma</i> , 2015, 252, 1347-1359.	2.1	8
32	Evaluation of salinity effects on the release, adhesion, and germination of the tetraspores of <i>Gelidium floridanum</i> (Rhodophyta, Florideophyceae). <i>Journal of Applied Phycology</i> , 2016, 28, 2925-2938.	2.8	6
33	Redox status regulation and action of extra- and intravascular defense mechanisms are associated with bean resistance against <i>Fusarium oxysporum</i> f. sp. <i>phaseoli</i> . <i>Protoplasma</i> , 2020, 257, 1457-1472.	2.1	6
34	Ocean warming and copper pollution: implications for metabolic compounds of the agarophyte <i>Gelidium floridanum</i> (Gelidiales, Rhodophyta). <i>Journal of Phycology</i> , 2018, 54, 870-878.	2.3	5
35	Effects of biofloc effluent in different regimes as a fertilizer for <i>Kappaphycus alvarezii</i> : indoor maintenance and sea cultivation. <i>Journal of Applied Phycology</i> , 2021, 33, 3225-3237.	2.8	5
36	Ultrastructural and structural characterization of zygotes and embryos during development in <i>Sargassum cymosum</i> (Phaeophyceae, Fucales). <i>Protoplasma</i> , 2015, 252, 505-518.	2.1	4

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37	Addition of carbon dioxide, followed by irradiance increase, as optimization strategy for the cultivation of the red seaweed <i>Kappaphycus alvarezii</i> . <i>Journal of Applied Phycology</i> , 2020, 32, 4113-4126.	2.8	4
38	Physiological, morphological and ultrastructural responses to exposure to ultraviolet radiation in the red alga <i>Aglaothamnion uruguayense</i> (W.R. Taylor). <i>Revista Brasileira De Botanica</i> , 2017, 40, 783-791.	1.3	3
39	Cellular Responses of <i>Gelidium floridanum</i> (Gelidiales, Rhodophyta) Tetraspores Under Heat Wave and Copper Pollution. <i>Journal of Phycology</i> , 2019, 55, 1394-1400.	2.3	3
40	<i>Pleopeltis lepidopteris</i> Langsd. & Fisch. (Polypodiaceae), an endemic fern from Brazilian "cerestingas": viability of spores under different storage conditions. <i>Revista Brasileira De Botanica</i> , 2017, 40, 59-65.	1.3	2
41	Effects of Ultraviolet Radiation (UV-A+UV-B) on the Antioxidant Metabolism of the Red Macroalga Species <i>Acanthophora spicifera</i> (Rhodophyta, Ceramiales) From Different Salinity and Nutrient Conditions. <i>Photochemistry and Photobiology</i> , 2019, 95, 999-1009.	2.5	2
42	Effects of Ultraviolet Radiation (UVA+UVB) on Germination of Carpospores of the Red Macroalga <i>Pyropia acanthophora</i> var. <i>brasiliensis</i> (Rhodophyta, Bangiales): Morphological Changes. <i>Photochemistry and Photobiology</i> , 2019, 95, 803-811.	2.5	2
43	Effects of ultraviolet radiation on the morphophysiology of the macroalga <i>Pyropia acanthophora</i> var. <i>brasiliensis</i> (Rhodophyta, Bangiales) cultivated at high concentrations of nitrate. <i>Acta Physiologiae Plantarum</i> , 2020, 42, 1.	2.1	2
44	Effects of high nitrate concentrations on the germination of carpospores of the red seaweed <i>Pyropia acanthophora</i> var. <i>brasiliensis</i> (Rhodophyta, Bangiales). <i>Hydrobiologia</i> , 2020, 847, 217-228.	2.0	1
45	Effects of indole-3-acetic acid (IAA), jasmonic acid (JA), and gibberellic acid (GA3) on the direct regeneration of <i>Gelidium floridanum</i> explants. <i>Journal of Applied Phycology</i> , 2021, 33, 1089-1099.	2.8	1
46	<i>Pyropia acanthophora</i> var. <i>brasiliensis</i> E. C. Oliveira and Coll (Rhodophyta: Bangiales) cultivated in seawater under laboratory conditions favors the production of economically important secondary metabolites. <i>Brazilian Journal of Biological Sciences</i> , 2018, 5, 85-93.	0.2	1
47	Variações por um ano da radiação fotossinteticamente ativa, ultravioleta-a e ultravioleta-b no bairro Trindade, Florianópolis, Santa Catarina. <i>Geosul</i> , 2019, 34, 175-192.	0.1	0
48	Effect of Brefeldin A on the Development of <i>Sargassum cymosum</i> ; Zygotes (Phaeophyceae, Fucales): Structural and Ultrastructural Analysis. <i>American Journal of Plant Sciences</i> , 2020, 11, 245-261.	0.8	0