

Lucelia Donatti

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

79
papers

1,190
citations

20
h-index

30
g-index

81
ext. papers

1,377
ext. citations

3.1
avg, IF

3.87
L-index

#	Paper	IF	Citations
79	Dual RNA-seq transcriptional analysis of wheat roots colonized by <i>Azospirillum brasilense</i> reveals up-regulation of nutrient acquisition and cell cycle genes. <i>BMC Genomics</i> , 2014 , 15, 378	4.5	96
78	Heat stress causes alterations in the cell-wall polymers and anatomy of coffee leaves (<i>Coffea arabica</i> L.). <i>Carbohydrate Polymers</i> , 2013 , 93, 135-43	10.3	54
77	Can intrauterine contraceptive devices be a <i>Candida albicans</i> reservoir?. <i>Contraception</i> , 2008 , 77, 355-9	2.5	52
76	Nephrotoxicity caused by brown spider venom phospholipase-D (dermonecrotic toxin) depends on catalytic activity. <i>Biochimie</i> , 2008 , 90, 1722-36	4.6	51
75	RNA-seq transcriptional profiling of <i>Herbaspirillum seropedicae</i> colonizing wheat (<i>Triticum aestivum</i>) roots. <i>Plant Molecular Biology</i> , 2016 , 90, 589-603	4.6	44
74	Effect of temperature acclimation on the liver antioxidant defence system of the Antarctic nototheniids <i>Notothenia coriiceps</i> and <i>Notothenia rossii</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2014 , 172-173, 21-8	2.3	44
73	Assessment of in vitro biofilm formation by <i>Candida</i> species isolates from vulvovaginal candidiasis and ultrastructural characteristics. <i>Micron</i> , 2012 , 43, 497-502	2.3	40
72	Identification of a direct hemolytic effect dependent on the catalytic activity induced by phospholipase-D (dermonecrotic toxin) from brown spider venom. <i>Journal of Cellular Biochemistry</i> , 2009 , 107, 655-66	4.7	39
71	Salt stress alters the cell wall polysaccharides and anatomy of coffee (<i>Coffea arabica</i> L.) leaf cells. <i>Carbohydrate Polymers</i> , 2014 , 112, 686-94	10.3	36
70	Leishmanicidal, antibacterial, and antioxidant activities of <i>Caryocar brasiliense</i> Cambess leaves hydroethanolic extract. <i>Revista Brasileira De Farmacognosia</i> , 2006 , 16, 625-630	2	35
69	Mobilization and recovery of energy stores in traça, <i>Hoplias malabaricus</i> Bloch (Teleostei, Erythrinidae) during long-term starvation and after re-feeding. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2006 , 176, 721-8	2.2	35
68	<i>Mycoplasma ovis</i> in captive cervids: prevalence, molecular characterization and phylogeny. <i>Veterinary Microbiology</i> , 2011 , 152, 415-9	3.3	29
67	Vaginal yeast adherence to the combined contraceptive vaginal ring (CCVR). <i>Contraception</i> , 2007 , 76, 439-43	2.5	29
66	Antileishmanial activity of essential oil and 6,7-dehydroroleanone isolated from <i>Tetradenia riparia</i> . <i>Experimental Parasitology</i> , 2015 , 157, 128-37	2.1	26
65	Effects of heat stress on the renal and branchial carbohydrate metabolism and antioxidant system of Antarctic fish. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2017 , 187, 1137-1154	2.2	25
64	Development of the neotropical catfish <i>Rhamdia quelen</i> (Siluriformes, Heptapteridae) incubated in different temperature regimes. <i>Zygote</i> , 2010 , 18, 131-44	1.6	25
63	Wheat colonization by an <i>Azospirillum brasilense</i> ammonium-excreting strain reveals upregulation of nitrogenase and superior plant growth promotion. <i>Plant and Soil</i> , 2017 , 415, 245-255	4.2	23

62	Celecoxib prevents tumor growth in an animal model by a COX-2 independent mechanism. <i>Cancer Chemotherapy and Pharmacology</i> , 2010 , 65, 267-76	3.5	23
61	Spatial, seasonal and ontogenetic variation in the diet of <i>Astyanax aff. fasciatus</i> (Ostariophysi: Characidae) in an Atlantic Forest river, Southern Brazil. <i>Neotropical Ichthyology</i> , 2009 , 7, 257-266	1.3	22
60	In vivo activity of <i>Sapindus saponaria</i> against azole-susceptible and -resistant human vaginal <i>Candida</i> species. <i>BMC Complementary and Alternative Medicine</i> , 2011 , 11, 35	4.7	20
59	Can <i>Lactobacillus acidophilus</i> influence the adhesion capacity of <i>Candida albicans</i> on the combined contraceptive vaginal ring?. <i>Contraception</i> , 2010 , 81, 331-5	2.5	18
58	Stimulation of lymphocyte anti-melanoma activity by co-cultured macrophages activated by complex homeopathic medication. <i>BMC Cancer</i> , 2009 , 9, 293	4.8	18
57	A new model of vaginal infection by <i>Candida albicans</i> in rats. <i>Mycopathologia</i> , 2010 , 170, 331-8	2.9	18
56	Liver histopathology and accumulation of melano-macrophage centres in <i>Hoplias malabaricus</i> after long-term food deprivation and re-feeding. <i>Journal of Fish Biology</i> , 2007 , 71, 1393-1406	1.9	18
55	Influence of photoperiod on visual prey detection in the Antarctic fish <i>Notothenia neglecta</i> . <i>Antarctic Science</i> , 2002 , 14, 146-150	1.7	18
54	Heat stress in the heart and muscle of the Antarctic fishes <i>Notothenia rossii</i> and <i>Notothenia coriiceps</i> : Carbohydrate metabolism and antioxidant defence. <i>Biochimie</i> , 2018 , 146, 43-55	4.6	17
53	Metabolic responses of the Antarctic fishes <i>Notothenia rossii</i> and <i>Notothenia coriiceps</i> to sewage pollution. <i>Fish Physiology and Biochemistry</i> , 2015 , 41, 1205-20	2.7	15
52	Cellular Structural Changes in <i>Candida albicans</i> Caused by the Hydroalcoholic Extract from <i>Sapindus saponaria</i> L. <i>Molecules</i> , 2015 , 20, 9405-18	4.8	15
51	Ultrastructural and morphological changes in <i>Leishmania (Viannia) braziliensis</i> treated with synthetic chalcones. <i>Experimental Parasitology</i> , 2016 , 160, 23-30	2.1	14
50	A simplified technique for evaluating the adherence of yeasts to human vaginal epithelial cells. <i>Journal of Clinical Laboratory Analysis</i> , 2006 , 20, 195-203	3	14
49	Backup Expression of the PhaP2 Phasin Compensates for phaP1 Deletion in <i>Herbaspirillum seropedicae</i> , Maintaining Fitness and PHB Accumulation. <i>Frontiers in Microbiology</i> , 2016 , 7, 739	5.7	14
48	A new small-molecule KRE2 inhibitor against invasive <i>Candida parapsilosis</i> infection. <i>Future Microbiology</i> , 2017 , 12, 1283-1295	2.9	13
47	Gills of juvenile fish <i>piaractus mesopotamicus</i> as histological biomarkers for experimental sub-lethal contamination with the Organophosphorus Azodrin 400. <i>Brazilian Archives of Biology and Technology</i> , 2009 , 52, 1431-1441	1.8	13
46	Guanosine promotes B16F10 melanoma cell differentiation through PKC-ERK 1/2 pathway. <i>Chemico-Biological Interactions</i> , 2008 , 173, 122-8	5	12
45	Blood parameter analysis and morphological alterations as biomarkers on the health of <i>Hoplias malabaricus</i> and <i>Geophagus brasiliensis</i> . <i>Brazilian Archives of Biology and Technology</i> , 2006 , 49, 441-448	1.8	12

44	Utilization of endogenous reserves and effects of starvation on the health of <i>Prochilodus lineatus</i> (Prochilodontidae). <i>Environmental Biology of Fishes</i> , 2011 , 91, 87-94	1.6	11
43	Effect of gradual temperature increase on the carbohydrate energy metabolism responses of the Antarctic fish <i>Notothenia rossii</i> . <i>Marine Environmental Research</i> , 2019 , 150, 104779	3.3	10
42	Effect of experimental diabetes on the development and maintenance of vulvovaginal candidiasis in female rats. <i>American Journal of Obstetrics and Gynecology</i> , 2009 , 200, 659.e1-4	6.4	9
41	Hepatic alterations in the fish <i>Rhamdia quelen</i> contaminated with Folidol 600 . <i>Ecotoxicology and Environmental Safety</i> , 2008 , 71, 821-9	7	9
40	In vitro characterization of <i>Leishmania</i> (<i>Viannia</i>) <i>braziliensis</i> isolates from patients with different responses to Glucantime(®) treatment from Northwest Paraná/Brazil. <i>Experimental Parasitology</i> , 2016 , 167, 83-93	2.1	8
39	Interaction of warm acclimation, low salinity, and trophic fluoride on plasmatic constituents of the Antarctic fish <i>Notothenia rossii</i> Richardson, 1844. <i>Fish Physiology and Biochemistry</i> , 2013 , 39, 1591-601	2.7	8
38	Virulence factors and genetic variability of vaginal <i>Candida albicans</i> isolates from HIV-infected women in the post-highly active antiretroviral era. <i>Revista Do Instituto De Medicina Tropical De Sao Paulo</i> , 2017 , 59, e44	2.2	8
37	Scanning electron and confocal scanning laser microscopy imaging of the ultrastructure and viability of vaginal <i>Candida albicans</i> and non- <i>albicans</i> species adhered to an intrauterine contraceptive device. <i>Microscopy and Microanalysis</i> , 2010 , 16, 537-49	0.5	8
36	Spatial and temporal variation in krill consumption by the Antarctic fish <i>Notothenia coriiceps</i> , in Admiralty Bay, King George Island. <i>Antarctic Science</i> , 2003 , 15, 458-462	1.7	8
35	TCTP from (Brown Spider) Venom Contributes to the Allergic and Inflammatory Response of Cutaneous <i>Loxoscelism</i> . <i>Cells</i> , 2019 , 8,	7.9	8
34	Time course of lead induced proteomic changes in gill of the Antarctic limpet <i>Nacella Concinna</i> (Gastropoda: Patellidae). <i>Journal of Proteomics</i> , 2017 , 151, 145-161	3.9	7
33	Ecological and physiological aspects of the antarctic fishes <i>Notothenia rossii</i> and <i>Notothenia coriiceps</i> in Admiralty Bay, Antarctic Peninsula. <i>Environmental Biology of Fishes</i> , 2015 , 98, 775-788	1.6	7
32	Design and optimization of self-microemulsifying drug delivery system (SMEDDS) of felodipine for chronotherapeutic application. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2014 , 50, 203-212	1.8	7
31	Bax/Bcl-2 protein expression ratio and leukocyte function are related to reduction of Walker-256 tumor growth after β -hydroxy- β -methylbutyrate (HMB) administration in Wistar rats. <i>Nutrition and Cancer</i> , 2012 , 64, 286-93	2.8	7
30	Arabinogalactan-proteins from cell suspension cultures of <i>Araucaria angustifolia</i> . <i>Phytochemistry</i> , 2010 , 71, 1400-9	4	7
29	Retinomotor movements in the Antarctic fish <i>Trematomus newnesi</i> Boulenger submitted to different environmental light conditions. <i>Revista Brasileira De Zoologia</i> , 2007 , 24, 457-462		7
28	Population structure of <i>Phalloceros caudimaculatus</i> (Hensel, 1868) (Cyprinodontiformes, Poeciliidae) collected in a brook in Guarapuava, PR. <i>Brazilian Archives of Biology and Technology</i> , 2007 , 50, 417-423	1.8	7
27	Morphology of the retina in the freshwater fish <i>Metynnis roosevelti</i> Eigenmann (Characidae, Serrasalminae) and the effects of monochromatic red light. <i>Revista Brasileira De Zoologia</i> , 1999 , 16, 151-173		7

26	Effects of short-term thermal stress on the plasma biochemical profiles of two Antarctic nototheniid species. <i>Reviews in Fish Biology and Fisheries</i> , 2018 , 28, 925-940	6	7
25	Proteomic and morphological changes produced by subinhibitory concentration of isoniazid in <i>Mycobacterium tuberculosis</i> . <i>Future Microbiology</i> , 2016 , 11, 1123-32	2.9	6
24	Fine structure of the retinal pigment epithelium and cones of Antarctic fish <i>Notothenia coriiceps</i> Richardson in light and dark-conditions. <i>Revista Brasileira De Zoologia</i> , 2007 , 24, 33-40		6
23	Interactions of temperature, salinity and diesel oil on antioxidant defense enzymes of the limpet <i>Nacella concinna</i> . <i>Marine Pollution Bulletin</i> , 2015 , 97, 451-459	6.7	5
22	Sound is involved in multimodal communication of <i>Loxosceles intermedia</i> Mello-Leitão, 1934 (Araneae; Sicariidae). <i>Behavioural Processes</i> , 2009 , 82, 236-43	1.6	5
21	Antileishmanial Activity of a <i>Calophyllum brasiliense</i> Leaf Extract. <i>Planta Medica</i> , 2017 , 83, 57-62	3.1	4
20	The effectiveness of fish oil supplementation in asthmatic rats is limited by an inefficient action on ASM function. <i>Lipids</i> , 2013 , 48, 889-97	1.6	4
19	A Shorter Fixation Protocol for Transmission Electron Microscopy: An Alternative to Spend Less Time. <i>Ultrastructural Pathology</i> , 2009 , 33, 169-174	1.3	4
18	Ultrastructural imaging of <i>Candida albicans</i> adhesion to rat genital epithelium through scanning and transmission electron microscopy. <i>Microscopy and Microanalysis</i> , 2010 , 16, 337-45	0.5	4
17	Photoperiod and feeding behavior of the Antarctic fish <i>Notothenia rossii</i> (Perciformes: Nototheniidae) and functional morphology of chemical and visual sensory structures used in foraging. <i>Revista Brasileira De Zoologia</i> , 2008 , 25, 254-262		4
16	Population structure and somatic indexes of <i>Hypostomus</i> cf. <i>ancistroides</i> (Siluriformes, Loricariidae) collected from the Bonito river, Ivaí river basin, Turvo, Paraná <i>Brazilian Archives of Biology and Technology</i> , 2008 , 51, 493-502	1.8	4
15	Metabolic responses in Antarctic Nototheniidae brains subjected to thermal stress. <i>Brain Research</i> , 2019 , 1708, 126-137	3.7	3
14	Genome Analysis of Entomopathogenic <i>Bacillus</i> sp. ABP14 Isolated from a Lignocellulosic Compost. <i>Genome Biology and Evolution</i> , 2019 , 11, 1658-1662	3.9	2
13	Cellulose production increases sorghum colonization and the pathogenic potential of <i>Herbaspirillum rubrisubalbicans</i> M1. <i>Scientific Reports</i> , 2019 , 9, 4041	4.9	2
12	Biomarkers of oxidative stress and cell damage in freshwater bivalves <i>Diplodon parodizi</i> exposed to landfill leachate. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 28384-28395	5.1	2
11	Evidence of metabolic microevolution of the limpet <i>Nacella concinna</i> to naturally high heavy metal levels in Antarctica. <i>Ecotoxicology and Environmental Safety</i> , 2017 , 135, 1-9	7	2
10	Effects of food deprivation in muscle structure and composition of traça (<i>Hoplias malabaricus</i>): potential implications on flesh quality. <i>Brazilian Archives of Biology and Technology</i> , 2009 , 52, 465-471	1.8	2
9	Effect of long-term thermal challenge on the Antarctic notothenioid <i>Notothenia rossii</i> . <i>Fish Physiology and Biochemistry</i> , 2019 , 45, 1445-1461	2.7	1

8	A shorter fixation protocol for transmission electron microscopy: an alternative to spend less time. <i>Ultrastructural Pathology</i> , 2009 , 33, 169-74	1.3	1
7	Mitochondrial bioenergetics and enzymatic antioxidant defense differ in Paranipine cell lines with contrasting embryogenic potential. <i>Free Radical Research</i> , 2021 , 55, 255-266	4	1
6	Cold and warm waters: energy metabolism and antioxidant defenses of the freshwater fish <i>Astyanax lacustris</i> (Characiformes: Characidae) under thermal stress. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2021 , 1	2.2	1
5	Gradual increase of temperature trigger metabolic and oxidative responses in plasma and body tissues in the Antarctic fish <i>Notothenia rossii</i> . <i>Fish Physiology and Biochemistry</i> , 2022 , 1	2.7	0
4	Fish oil supplementation enhances colon recovery after experimental colitis. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2020 , 163, 102212	2.8	0
3	Morphological and cytochemical characterization of spores and gills of <i>Lepista sordida</i> (Fungi: Basidiomycota). <i>Brazilian Journal of Microbiology</i> , 2008 , 39, 599-601	2.2	
2	Effect of heat stress on the antioxidant defense system and erythrocyte morphology of Antarctic fishes. <i>Anais Da Academia Brasileira De Ciencias</i> , 2021 , 94, e20190657	1.4	
1	The effect of bottom trawling time on mortality, physical damage and oxidative stress in two Sciaenidae species. <i>Reviews in Fish Biology and Fisheries</i> , 2021 , 31, 957	6	