

Lucelia Donatti

List of Publications by Year in descending order

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81
papers

1,576
citations

304368

22
h-index

360668

35
g-index

81
all docs

81
docs citations

81
times ranked

2552
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.2	130
2	Heat stress causes alterations in the cell-wall polymers and anatomy of coffee leaves (<i>Coffea arabica</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td	0.7	41
3	Can intrauterine contraceptive devices be a <i>Candida albicans</i> reservoir?. <i>Contraception</i> , 2008, 77, 355-359.	0.8	62
4	Nephrotoxicity caused by brown spider venom phospholipase-D (dermonecrotic toxin) depends on catalytic activity. <i>Biochimie</i> , 2008, 90, 1722-1736.	1.3	57
5	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.	2.0	55
6	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, 21-28.	0.7	52
7	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.	0.7	49
8	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.	1.1	48
9	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, 655-666.	1.2	47
10	Salt stress alters the cell wall polysaccharides and anatomy of coffee (<i>Coffea arabica</i> L.) leaf cells. <i>Carbohydrate Polymers</i> , 2014, 112, 686-694.	5.1	46
11	Leishmanicidal, antibacterial, and antioxidant activities of <i>Caryocar brasiliense</i> Cambess leaves hydroethanolic extract. <i>Revista Brasileira De Farmacognosia</i> , 2006, 16, 625-630.	0.6	44
12	Mobilization and recovery of energy stores in traÃra, <i>Hoplias malabaricus</i> Bloch (Teleostei,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td	0.7	41
13	Vaginal yeast adherence to the combined contraceptive vaginal ring (CCVR). <i>Contraception</i> , 2007, 76, 439-443.	0.8	36
14	<i>Mycoplasma ovis</i> in captive cervids: Prevalence, molecular characterization and phylogeny. <i>Veterinary Microbiology</i> , 2011, 152, 415-419.	0.8	35
15	Antileishmanial activity of essential oil and 6,7-dehydroroyleanone isolated from <i>Tetradenia riparia</i> . <i>Experimental Parasitology</i> , 2015, 157, 128-137.	0.5	35
16	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.	1.8	31
17	Development of the neotropical catfish <i>Rhamdia quelen</i> (Siluriformes, Heptapteridae) incubated in different temperature regimes. <i>Zygote</i> , 2010, 18, 131-144.	0.5	30
18	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.	1.3	27

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19	Spatial, seasonal and ontogenetic variation in the diet of <i>Astyanax aff. fasciatus</i> (Ostariophysi: Tj ETQq1 1 0.784314rgBT /Oyerlock 10	0.5	24
20	Stimulation of lymphocyte anti-melanoma activity by co-cultured macrophages activated by complex homeopathic medication. <i>BMC Cancer</i> , 2009, 9, 293.	1.1	24
21	Celecoxib prevents tumor growth in an animal model by a COX-2 independent mechanism. <i>Cancer Chemotherapy and Pharmacology</i> , 2010, 65, 267-276.	1.1	24
22	A New Model of Vaginal Infection by <i>Candida albicans</i> in Rats. <i>Mycopathologia</i> , 2010, 170, 331-338.	1.3	23
23	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, 331-335.	0.8	23
24	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.	3.7	23
25	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.	0.7	22
26	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.	1.1	22
27	Influence of photoperiod on visual prey detection in the Antarctic fish <i>Notothenia neglecta</i> . <i>Antarctic Science</i> , 2002, 14, 146-150.	0.5	19
28	Cellular Structural Changes in <i>Candida albicans</i> Caused by the Hydroalcoholic Extract from <i>Sapindus saponaria</i> L.. <i>Molecules</i> , 2015, 20, 9405-9418.	1.7	19
29	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.	1.5	19
30	Ultrastructural and morphological changes in <i>Leishmania (Viannia) braziliensis</i> treated with synthetic chalcones. <i>Experimental Parasitology</i> , 2016, 160, 23-30.	0.5	18
31	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.	0.5	17
32	Utilization of endogenous reserves and effects of starvation on the health of <i>Prochilodus lineatus</i> (<i>Prochilodontidae</i>). <i>Environmental Biology of Fishes</i> , 2011, 91, 87-94.	0.4	17
33	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.	0.9	16
34	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, 1205-1220.	0.9	16
35	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> , 2022, 192, 77-94.	0.7	16
36	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.	1.2	15

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37	Guanosine promotes B16F10 melanoma cell differentiation through PKC-ERK 1/2 pathway. <i>Chemico-Biological Interactions</i> , 2008, 173, 122-128.	1.7	14
38	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.	0.5	14
39	A new small-molecule KRE2 inhibitor against invasive <i>Candida parapsilosis</i> infection. <i>Future Microbiology</i> , 2017, 12, 1283-1295.	1.0	14
40	TCTP from <i>Loxosceles Intermedia</i> (Brown Spider) Venom Contributes to the Allergic and Inflammatory Response of Cutaneous Loxoscelism. <i>Cells</i> , 2019, 8, 1489.	1.8	13
41	Morphology of the retina in the freshwater fish <i>Metynnis roosevelti</i> Eigenmann (Characidae.) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i> 151-173.	0.5	12
42	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.	0.5	11
43	Hepatic alterations in the fish <i>Rhamdia quelen</i> contaminated with Folidol 600®. <i>Ecotoxicology and Environmental Safety</i> , 2008, 71, 821-829.	2.9	11
44	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, 537-549.	0.2	11
45	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.	0.5	11
46	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.	0.5	10
47	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.e1-659.e4.	0.7	10
48	Proteomic and morphological changes produced by subinhibitory concentration of isoniazid in <i>Mycobacterium tuberculosis</i> . <i>Future Microbiology</i> , 2016, 11, 1123-1132.	1.0	10
49	Effects of heat shock on energy metabolism and antioxidant defence in a tropical fish species <i>Psalidodon bifasciatus</i> . <i>Journal of Fish Biology</i> , 2022, 100, 1245-1263.	0.7	10
50	Sound is involved in multimodal communication of <i>Loxosceles intermedia</i> Mello-Leitão, 1934 (Araneae;) <i>Tj ETQq0,0,0 rgBT /Overlock 1</i>	0.5	9
51	Arabinogalactan-proteins from cell suspension cultures of <i>Araucaria angustifolia</i> . <i>Phytochemistry</i> , 2010, 71, 1400-1409.	1.4	9
52	Bax/Bcl-2 Protein Expression Ratio and Leukocyte Function Are Related to Reduction of Walker-256 Tumor Growth After β^2 -Hydroxy- β^2 -Methylbutyrate (HMB) Administration in Wistar Rats. <i>Nutrition and Cancer</i> , 2012, 64, 286-293.	0.9	9
53	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, 1591-1601.	0.9	9
54	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.	0.4	9

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55	InÂvitro characterization of Leishmania (Viannia) braziliensis isolates from patients with different responses to Glucantime® treatment from Northwest ParanÃ¡, Brazil. <i>Experimental Parasitology</i> , 2016, 167, 83-93.	0.5	9
56	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.	2.4	9
57	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.	0.5	8
58	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.	2.3	8
59	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.	1.2	8
60	Metabolic responses in Antarctic Nototheniidae brains subjected to thermal stress. <i>Brain Research</i> , 2019, 1708, 126-137.	1.1	8
61	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, 337-345.	0.2	7
62	Population structure and somatic indexes of <i>Hypostomus cf. ancistroides</i> (Siluriformes, Loricariidae) collected from the Bonito river, IvaÃ-river basin, Turvo, ParanÃ¡. <i>Brazilian Archives of Biology and Technology</i> , 2008, 51, 493-502.	0.5	7
63	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.	0.5	6
64	Antileishmanial Activity of a <i>Calophyllum brasiliense</i> Leaf Extract. <i>Planta Medica</i> , 2017, 83, 57-62.	0.7	5
65	Cellulose production increases sorghum colonization and the pathogenic potential of <i>Herbaspirillum rubrisubalbicans</i> M1. <i>Scientific Reports</i> , 2019, 9, 4041.	1.6	5
66	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.	2.7	5
67	Mitochondrial bioenergetics and enzymatic antioxidant defense differ in ParanÃ¡ pine cell lines with contrasting embryogenic potential. <i>Free Radical Research</i> , 2021, 55, 255-266.	1.5	5
68	A Shorter Fixation Protocol for Transmission Electron Microscopy: An Alternative to Spend Less Time. <i>Ultrastructural Pathology</i> , 2009, 33, 169-174.	0.4	4
69	The Effectiveness of Fish Oil Supplementation in Asthmatic Rats is Limited by an Inefficient Action on ASM Function. <i>Lipids</i> , 2013, 48, 889-897.	0.7	4
70	Photoperiod and feeding behavior of the Antarctic fish <i>Notothenia rossii</i> (Perciformes: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (No foraging. <i>Revista Brasileira De Zoologia</i> , 2008, 25, 254-262.	0.5	4
71	Effects of food deprivation in muscle structure and composition of traÃra (<i>Hoplias malabaricus</i>): potential implications on flesh quality. <i>Brazilian Archives of Biology and Technology</i> , 2009, 52, 465-471.	0.5	3
72	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, 48, 337-354.	0.9	3

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73	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.	2.9	2
74	Genome Analysis of Entomopathogenic <i>Bacillus</i> sp. ABP14 Isolated from a Lignocellulosic Compost. <i>Genome Biology and Evolution</i> , 2019, 11, 1658-1662.	1.1	2
75	Fish oil supplementation enhances colon recovery after experimental colitis. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2020, 163, 102212.	1.0	2
76	Morphological and cytochemical characterization of spores and gills of <i>Lepista sordida</i> (Fungi: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62).	0.8	1
77	A Shorter Fixation Protocol for Transmission Electron Microscopy: An Alternative to Spend Less Time. <i>Ultrastructural Pathology</i> , 2009, 33, 169-174.	0.4	1
78	Effect of long-term thermal challenge on the Antarctic notothenioid <i>Notothenia rossii</i> . <i>Fish Physiology and Biochemistry</i> , 2019, 45, 1445-1461.	0.9	1
79	Influência da co-agregação entre <i>Candida. Albicans</i> e <i>Lactobacillus acidophilus</i> na capacidade de adesão destes microrganismos às células epiteliais vaginais humanas (CEVH). <i>Acta Scientiarum - Health Sciences</i> , 2011, 33, .	0.2	0
80	The effect of bottom trawling time on mortality, physical damage and oxidative stress in two <i>Sciaenidae</i> species. <i>Reviews in Fish Biology and Fisheries</i> , 2021, 31, 957.	2.4	0
81	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.	0.3	0