

Ana Caroline Paiva Gandara

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

781
citations

840776

11
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

1085
citing authors

#	ARTICLE	IF	CITATIONS
1	Warm and cold temperatures have distinct germline stem cell lineage effects during <i>Drosophila</i> oogenesis. <i>Development (Cambridge)</i> , 2022, 149, .	2.5	13
2	Urate and NOX5 Control Blood Digestion in the Hematophagous Insect <i>Rhodnius prolixus</i> . <i>Frontiers in Physiology</i> , 2021, 12, 633093.	2.8	9
3	<i>Aedes aegypti</i> Infection With Trypanosomatid <i>Strigomonas culicis</i> Alters Midgut Redox Metabolism and Reduces Mosquito Reproductive Fitness. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 732925.	3.9	2
4	A physiologic overview of the organ-specific transcriptome of the cattle tick <i>Rhipicephalus microplus</i> . <i>Scientific Reports</i> , 2020, 10, 18296.	3.3	23
5	The relationship between oxidant levels and gut physiology in a litter-feeding termite. <i>Scientific Reports</i> , 2019, 9, 670.	3.3	5
6	Heme crystallization in a Chagas disease vector acts as a redox-protective mechanism to allow insect reproduction and parasite infection. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006661.	3.0	11
7	NADPH Oxidase 5 Is a Pro-contractile Nox Isoform and a Point of Cross-talk for Calcium and Redox Signaling Implications in Vascular Function. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	51
8	Evolutionary origin and function of NOX4-art, an arthropod specific NADPH oxidase. <i>BMC Evolutionary Biology</i> , 2017, 17, 92.	3.2	14
9	Amino acids trigger down-regulation of superoxide via TORC pathway in the midgut of <i>Rhodnius prolixus</i> . <i>Bioscience Reports</i> , 2016, 36, .	2.4	18
10	Identification of a selenium-dependent glutathione peroxidase in the blood-sucking insect <i>Rhodnius prolixus</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2016, 69, 105-114.	2.7	15
11	Monitoring of the Parasite Load in the Digestive Tract of <i>Rhodnius prolixus</i> by Combined qPCR Analysis and Imaging Techniques Provides New Insights into the Trypanosome Life Cycle. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004186.	3.0	60
12	ATP Binding Cassette Transporter Mediates Both Heme and Pesticide Detoxification in Tick Midgut Cells. <i>PLoS ONE</i> , 2015, 10, e0134779.	2.5	50
13	An Insight into the Transcriptome of the Digestive Tract of the Bloodsucking Bug, <i>Rhodnius prolixus</i> . <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2594.	3.0	184
14	Ovarian Dual Oxidase (Duox) Activity Is Essential for Insect Eggshell Hardening and Waterproofing. <i>Journal of Biological Chemistry</i> , 2013, 288, 35058-35067.	3.4	34
15	Blood Meal-Derived Heme Decreases ROS Levels in the Midgut of <i>Aedes aegypti</i> and Allows Proliferation of Intestinal Microbiota. <i>PLoS Pathogens</i> , 2011, 7, e1001320.	4.7	272
16	Heme crystallization in the midgut of triatomine insects. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2007, 146, 168-174.	2.6	20