

F C Abdalla

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

3,737
citations

623734

14
h-index

254184

43
g-index

45
all docs

45
docs citations

45
times ranked

10209
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
2	Autophagy and its physiological relevance in arthropods: Current knowledge and perspectives. <i>Autophagy</i> , 2010, 6, 575-588.	9.1	77
3	Thiamethoxam and picoxystrobin reduce the survival and overload the hepato-nephrotoxic system of the Africanized honeybee. <i>Chemosphere</i> , 2017, 186, 994-1005.	8.2	51
4	Hepatic effects of the clomazone herbicide in both its free form and associated with chitosan-alginate nanoparticles in bullfrog tadpoles. <i>Chemosphere</i> , 2016, 149, 304-313.	8.2	50
5	Effects of glyphosate and the glyphosate based herbicides Roundup Original A° and Roundup Transorb A° on respiratory morphophysiology of bullfrog tadpoles. <i>Chemosphere</i> , 2016, 156, 37-44.	8.2	43
6	Comparative anatomy of the male reproductive internal organs of 51 species of bees. <i>Neotropical Entomology</i> , 2004, 33, 569-576.	1.2	40
7	Impact of an environmental relevant concentration of $171 \pm$ ethinylestradiol on the cardiac function of bullfrog tadpoles. <i>Chemosphere</i> , 2016, 144, 1862-1868.	8.2	31
8	An ancestral luciferase in the Malpighi tubules of a non-bioluminescent beetle!. <i>Photochemical and Photobiological Sciences</i> , 2009, 8, 57-61.	2.9	24
9	A Nanobiosensor Based on 4-Hydroxyphenylpyruvate Dioxygenase Enzyme for Mesotrione Detection. <i>IEEE Sensors Journal</i> , 2015, 15, 2106-2113.	4.7	23
10	CCD imaging of basal bioluminescence in larval fireflies: clues on the anatomic origin and evolution of bioluminescence. <i>Photochemical and Photobiological Sciences</i> , 2008, 7, 448-452.	2.9	18
11	Negative impact of a cadmium concentration considered environmentally safe in Brazil on the cardiac performance of bullfrog tadpoles. <i>Ecotoxicology and Environmental Safety</i> , 2014, 104, 168-174.	6.0	17
12	A new brilliantly blue-emitting luciferin-luciferase system from <i>Orfelia fultoni</i> and <i>Keroplatainae</i> (Diptera). <i>Scientific Reports</i> , 2020, 10, 9608.	3.3	17
13	Cardiac adaptations of bullfrog tadpoles in response to chytrid infection. <i>Journal of Experimental Zoology</i> , 2015, 323, 487-496.	1.2	16
14	Bioluminescent Fat Body of Larval <i>Aspisoma lineatum</i> (Coleoptera: Lampyridae) Firefly: Ontogenic Precursor of Lantern's Photogenic Tissue. <i>Annals of the Entomological Society of America</i> , 2011, 104, 761-767.	2.5	15
15	Multiple blood meals in <i>Anopheles darlingi</i> (Diptera: Culicidae). <i>Journal of Vector Ecology</i> , 2012, 37, 351-358.	1.0	15
16	Chemical composition of the dufour gland secretion in queens of <i>Melipona bicolor</i> (Hymenoptera, Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	0.6	13
17	CHANGES IN THE MORPHOLOGY AND ULTRASTRUCTURE OF THE DUFOUR'S GLAND DURING THE LIFE CYCLE OF THE BUMBLE BEE QUEEN, <i>BOMBUS TERRESTRIS</i> L. (HYMENOPTERA: BOMBINI). <i>Animal Biology</i> , 1999, 49, 251-261.	0.4	13
18	Occurrence of apocrine secretion in the larval gut epithelial cells of <i>Aedes aegypti</i> L., <i>Anopheles albiparvus</i> Lynch-Arribas and <i>Culex quinquefasciatus</i> say (Diptera: Culicidae): a defense strategy against infection by <i>Bacillus sphaericus</i> Neide?. <i>Neotropical Entomology</i> , 2009, 38, 624-631.	1.2	12

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19	The chemical composition of the mandibular gland secretion of <i>Melipona bicolor</i> Lepeletier, 1836 (Hymenoptera, Apidae, Meliponini): a comparative study among castes and sexes. <i>Journal of the Brazilian Chemical Society</i> , 2004, 15, 777-781.	0.6	11
20	Cardiac biomarkers as sensitive tools to evaluate the impact of xenobiotics on amphibians: the effects of anionic surfactant linear alkylbenzene sulfonate (LAS). <i>Ecotoxicology and Environmental Safety</i> , 2018, 151, 184-190.	6.0	11
21	Ultrastructure of the Intramandibular Gland of Workers and Queens of the Stingless Bee, <i>Melipona quadrifasciata</i> . <i>Journal of Insect Science</i> , 2011, 11, 1-9.	1.5	9
22	Larval development of <i>Physocephala</i> (Diptera, Conopidae) in the bumble bee <i>Bombus morio</i> (Hymenoptera, Apidae). <i>Revista Brasileira De Entomologia</i> , 2014, 58, 343-348.	0.4	9
23	SECRETORY CYCLE OF THE DUFOUR'S GLAND IN WORKERS OF THE BUMBLE BEE <i>BOMBUS TERRESTRIS</i> L. (HYMENOPTERA: APIDAE, BOMBINI). <i>Animal Biology</i> , 1999, 49, 139-156.	0.4	9
24	Morphological and functional aspects of volatile-producing glands in bees (Hymenoptera: Apidae). <i>Insect Science</i> , 2005, 12, 467-480.	3.0	7
25	Impact of sublethal doses of thiamethoxam and <i>Nosema ceranae</i> inoculation on the hepato-nephrotoxic system in young Africanized <i>Apis mellifera</i> . <i>Journal of Apicultural Research</i> , 2020, 59, 350-361.	1.5	7
26	Class III glands in the abdomen of Meliponini. <i>Apidologie</i> , 2006, 37, 164-174.	2.0	6
27	A Nanomechanical Genosensor Using Functionalized Cantilevers to Detect the Cancer Biomarkers miRNA-203 and miRNA-205. <i>IEEE Sensors Journal</i> , 2020, 20, 2860-2867.	4.7	6
28	Metamorphic acceleration following the exposure to lithium and selenium on American bullfrog tadpoles (<i>Lithobates catesbeianus</i>). <i>Ecotoxicology and Environmental Safety</i> , 2021, 207, 111101.	6.0	6
29	Ocorrência, morfologia e ultra-estrutura da glândula de Dufour de <i>Scaptotrigona postica</i> Latreille (Hymenoptera: Apidae). <i>Neotropical Entomology</i> , 2005, 34, 47-57.	1.2	6
30	Novel findings on the impact of chytridiomycosis on the cardiac function of anurans: sensitive vs. tolerant species. <i>PeerJ</i> , 2018, 6, e5891.	2.0	6
31	Exposure to Mercury at Trace Concentrations Leads to Collapse of the Hepato-Nephrotoxic System in Two Neotropical Species of Bumblebee. <i>American Journal of Agricultural and Biological Science</i> , 2019, 14, 1-10.	0.4	5
32	Comet assay protocol for <i>Bombus atratus</i> fat body and pericardial cells (Hymenoptera, bombini) at a safe concentration of mercury. <i>Chemosphere</i> , 2020, 261, 127752.	8.2	5
33	Isolates of <i>Bacillus thuringiensis</i> from Maranhão biomes with potential insecticidal action against <i>Aedes aegypti</i> larvae (Diptera, Culicidae). <i>Brazilian Journal of Biology</i> , 2021, 81, 114-124.	0.9	5
34	Effects of lithium and selenium in the tail muscle of American bullfrog tadpoles (<i>Lithobates</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 T 1975-1984.	5.3	5
35	Hepato-Nephrotoxic System: A Novel Model of Biomarkers for Analysis of the Ecology of Stress in Environmental Biomonitoring. <i>PLoS ONE</i> , 2015, 10, e0132349.	2.5	5
36	Caracterização das glândulas mandibulares nas diferentes classes de adultos de <i>Scaptotrigona postica</i> Latreille (Hymenoptera: Apidae). <i>Neotropical Entomology</i> , 2004, 33, 703-708.	1.2	5

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37	Morphological, chemical and developmental aspects of the Dufour gland in some eusocial bees (Hymenoptera, Apidae): a review. <i>Revista Brasileira De Entomologia</i> , 2006, 50, 153-162.	0.4	4
38	A Comparative Cytochemical Study of the Dufour Gland in the Eusocial Bee <i>Apis mellifera</i> Linne, 1758 and <i>Melipona bicolor</i> Lepeletier, 1836. <i>Acta Histochemica Et Cytochemica</i> , 2004, 37, 65-71.	1.6	3
39	Tegumentary epithelial glands in the abdomen of virgin and physogastric queens of the stingless bee <i>Scaptotrigona postica</i> Latreille (Meliponini: Trigonina). <i>Neotropical Entomology</i> , 2005, 34, 41-45.	1.2	2
40	Ultrastructural studies of the mandibular gland of <i>Melipona quadrifasciata</i> Lepeletier, 1836 (Apidae). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf</i> 306-315.	1.5	2
41	Effect of Cadmium on Worker Ovary Morphology of <i>Bombus morio</i> (Hymenoptera: Bombini). <i>American Journal of Agricultural and Biological Science</i> , 2018, 13, 28-37.	0.4	2
42	Effects of mercury at field estimated concentration in brain of <i>Bombus atratus</i> (Hymenoptera:). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54</i>	8.2	2
43	Effect of a 110â€‰%ppb mercury exposition on neotropical bumble bee workers, <i>Bombus atratus</i> : in situ localization of Hsp70 and Hsp90 and general morphological changes of hepato-nephrocytic cells. <i>Journal of Apicultural Research</i> , 2023, 62, 953-961.	1.5	2
44	Optimized Histological Preparation of Ovary for Ovariole Counting in Africanized Honey Bee Queens (Hymenoptera: Apidae). <i>Journal of Insect Science</i> , 2019, 19, .	1.5	0
45	The influence of an analog of juvenile hormone on the silk gland of Africanized <i>Apis mellifera</i> larvae reared <i>in vitro</i> . <i>Journal of Apicultural Research</i> , 0, , 1-5.	1.5	0