

Adriana Rios Lopes

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7056822/publications.pdf>

Version: 2024-02-01

26
papers

669
citations

687363

13
h-index

580821

25
g-index

27
all docs

27
docs citations

27
times ranked

763
citing authors

#	ARTICLE	IF	CITATIONS
1	Coevolution of insect trypsins and inhibitors. Archives of Insect Biochemistry and Physiology, 2004, 55, 140-152.	1.5	109
2	Adaptation of tobacco budworm <i>Heliothis virescens</i> to proteinase inhibitors may be mediated by the synthesis of new proteinases. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2001, 128, 365-375.	1.6	92
3	Changes in Midgut Endopeptidase Activity of <i>Spodoptera frugiperda</i> (Lepidoptera: Tj ETQq1 1 0.784314 rgBT /Over Entomology, 2000, 93, 892-896.	1.8	71
4	Digestion in larvae of <i>Callosobruchus maculatus</i> and <i>Zabrotes subfasciatus</i> (Coleoptera: Bruchidae) with emphasis on α -amylases and oligosaccharidases. Insect Biochemistry and Molecular Biology, 1999, 29, 355-366.	2.7	56
5	Substrate specificity of insect trypsins and the role of their subsites in catalysis. Insect Biochemistry and Molecular Biology, 2006, 36, 130-140.	2.7	55
6	Purification, properties and substrate specificity of a digestive trypsin from <i>Periplaneta americana</i> (Dictyoptera) adults. Insect Biochemistry and Molecular Biology, 2003, 33, 407-415.	2.7	34
7	High throughput techniques to reveal the molecular physiology and evolution of digestion in spiders. BMC Genomics, 2016, 17, 716.	2.8	30
8	Biochemical, Transcriptomic and Proteomic Analyses of Digestion in the Scorpion <i>Tityus serrulatus</i> : Insights into Function and Evolution of Digestion in an Ancient Arthropod. PLoS ONE, 2015, 10, e0123841.	2.5	28
9	Insect chymotrypsins: chloromethyl ketone inactivation and substrate specificity relative to possible coevolutional adaptation of insects and plants. Archives of Insect Biochemistry and Physiology, 2009, 70, 188-203.	1.5	21
10	Carbohydrate digestion in ticks and a digestive α -L-fucosidase. Journal of Insect Physiology, 2013, 59, 1069-1075.	2.0	21
11	Subsites of Trypsin Active Site Favor Catalysis or Substrate Binding. Biochemical and Biophysical Research Communications, 2002, 290, 494-497.	2.1	20
12	Subsite substrate specificity of midgut insect chymotrypsins. Insect Biochemistry and Molecular Biology, 2008, 38, 628-633.	2.7	19
13	Dimorfismo sexual alar em <i>Aedes scapularis</i> (Diptera: Culicidae). Biota Neotropica, 2011, 11, 165-169.	1.0	15
14	Epoxide hydrolase of <i>Trichoderma reesei</i> : Biochemical properties and conformational characterization. International Journal of Biological Macromolecules, 2016, 89, 569-574.	7.5	14
15	Cysteine cathepsins as digestive enzymes in the spider <i>Nephilengys cruentata</i> . Insect Biochemistry and Molecular Biology, 2015, 60, 47-58.	2.7	13
16	Characterization of α -L-fucosidase and other digestive hydrolases from <i>Biomphalaria glabrata</i> . Acta Tropica, 2015, 141, 118-127.	2.0	10
17	Bauhinia Proteinase Inhibitor-Based Synthetic Fluorogenic Substrates for Enzymes Isolated from Insect Midgut and Caterpillar Bristles. Biological Chemistry, 2003, 384, 489-92.	2.5	9
18	Transcriptome Sequencing and Developmental Regulation of Gene Expression in <i>Anopheles aquasalis</i> . PLoS Neglected Tropical Diseases, 2014, 8, e3005.	3.0	9

#	ARTICLE	IF	CITATIONS
19	Functional characterisation of Vizottin, the first factor Xa inhibitor purified from the leech <i>Haementeria vizottoi</i> . <i>Thrombosis and Haemostasis</i> , 2012, 108, 570-578.	3.4	8
20	Structural and functional characterization of the glutathione peroxidase-like thioredoxin peroxidase from the fungus <i>Trichoderma reesei</i> . <i>International Journal of Biological Macromolecules</i> , 2021, 167, 93-100.	7.5	8
21	First characterization of fucosidases in spiders. <i>Archives of Insect Biochemistry and Physiology</i> , 2018, 98, e21462.	1.5	7
22	Identity and role of the non-conserved acid/base catalytic residue in the GH29 fucosidase from the spider <i>Nephilingis cruentata</i> . <i>Glycobiology</i> , 2018, 28, 925-932.	2.5	6
23	Structural Characterization of L-Galactose Dehydrogenase: An Essential Enzyme for Vitamin C Biosynthesis. <i>Plant and Cell Physiology</i> , 2022, 63, 1140-1155.	3.1	6
24	10.1023/A:1018979013928. , 2011, , .		5
25	Bioinformatic analyses to uncover genes involved in trehalose metabolism in the polyploid sugarcane. <i>Scientific Reports</i> , 2022, 12, 7516.	3.3	2
26	Data set of optimal parameters for colorimetric red assay of epoxide hydrolase activity. <i>Data in Brief</i> , 2016, 8, 436-440.	1.0	1