

InÃ¡cio De L Junqueira-De-Azevedo

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

3,634
citations

109321

35
h-index

138484

58
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71
all docs

71
docs citations

71
times ranked

3162
citing authors

#	ARTICLE	IF	CITATIONS
1	An integrative view of the toxic potential of <i>Conophis lineatus</i> (Dipsadidae: Xenodontinae), a medically relevant rear-fanged snake. <i>Toxicon</i> , 2022, 205, 38-52.	1.6	3
2	Differences in PLA2 Constitution Distinguish the Venom of Two Endemic Brazilian Mountain Lanceheads, <i>Bothrops cotiara</i> and <i>Bothrops fonsecai</i> . <i>Toxins</i> , 2022, 14, 237.	3.4	5
3	MITGARD: an automated pipeline for mitochondrial genome assembly in eukaryotic species using RNA-seq data. <i>Briefings in Bioinformatics</i> , 2021, 22, .	6.5	15
4	Phylogenetically diverse diets favor more complex venoms in North American pitvipers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	48
5	ToxCodAn: a new toxin annotator and guide to venom gland transcriptomics. <i>Briefings in Bioinformatics</i> , 2021, 22, .	6.5	9
6	Tracking the recruitment and evolution of snake toxins using the evolutionary context provided by the <i>Bothrops jararaca</i> genome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	29
7	HIV-1 genetic diversity and divergence and its correlation with disease progression among antiretroviral naïve recently infected individuals. <i>Virology</i> , 2020, 541, 13-24.	2.4	5
8	Replacement and Parallel Simplification of Nonhomologous Proteinases Maintain Venom Phenotypes in Rear-Fanged Snakes. <i>Molecular Biology and Evolution</i> , 2020, 37, 3563-3575.	8.9	15
9	A Multiomics Approach Unravels New Toxins With Possible In Silico Antimicrobial, Antiviral, and Antitumoral Activities in the Venom of <i>Acanthoscurria rondoniae</i> . <i>Frontiers in Pharmacology</i> , 2020, 11, 1075.	3.5	18
10	Size Matters: An Evaluation of the Molecular Basis of Ontogenetic Modifications in the Composition of <i>Bothrops jararacussu</i> Snake Venom. <i>Toxins</i> , 2020, 12, 791.	3.4	18
11	Myriapod haemocyanin: the first three-dimensional reconstruction of <i>Scolopendra subspinipes</i> and preliminary structural analysis of <i>S. viridicornis</i> . <i>Open Biology</i> , 2020, 10, 190258.	3.6	1
12	Molecular alterations in the extracellular matrix in the brains of newborns with congenital Zika syndrome. <i>Science Signaling</i> , 2020, 13, .	3.6	39
13	Modulation of stress and immune response by Amblyomin-X results in tumor cell death in a horse melanoma model. <i>Scientific Reports</i> , 2020, 10, 6388.	3.3	12
14	Systems analysis of subjects acutely infected with the Chikungunya virus. <i>PLoS Pathogens</i> , 2019, 15, e1007880.	4.7	33
15	An integrated analysis of mRNA and sRNA transcriptional profiles in <i>Coffea arabica</i> L. roots: insights on nitrogen starvation responses. <i>Functional and Integrative Genomics</i> , 2019, 19, 151-169.	3.5	28
16	Insights about minority HIV-1 strains in transmitted drug resistance mutation dynamics and disease progression. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 1930-1934.	3.0	7
17	Molecular mechanisms underlying intraspecific variation in snake venom. <i>Journal of Proteomics</i> , 2018, 181, 60-72.	2.4	54
18	<i>Bothrops jararaca</i> accessory venom gland is an ancillary source of toxins to the snake. <i>Journal of Proteomics</i> , 2018, 177, 137-147.	2.4	13

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19	De novo assembly and annotation of Hyalomma dromedarii tick (Acari: Ixodidae) sialotranscriptome with regard to gender differences in gene expression. Parasites and Vectors, 2018, 11, 314.	2.5	21
20	An overview of Phoneutria nigriventer spider venom using combined transcriptomic and proteomic approaches. PLoS ONE, 2018, 13, e0200628.	2.5	46
21	Proteomic endorsed transcriptomic profiles of venom glands from Tityus obscurus and T. serrulatus scorpions. PLoS ONE, 2018, 13, e0193739.	2.5	55
22	An in-depth snake venom proteopeptidome characterization: Benchmarking Bothrops jararaca. Journal of Proteomics, 2017, 151, 214-231.	2.4	50
23	Peptidomics of Acanthoscurria gomesiana spider venom reveals new toxins with potential antimicrobial activity. Journal of Proteomics, 2017, 151, 232-242.	2.4	36
24	Gut transcriptome analysis on females of Ornithodoros mimon (Acari: Argasidae) and phylogenetic inference of ticks. Brazilian Journal of Veterinary Parasitology, 2017, 26, 185-204.	0.7	13
25	Insights into the Hypertensive Effects of Tityus serrulatus Scorpion Venom: Purification of an Angiotensin-Converting Enzyme-Like Peptidase. Toxins, 2016, 8, 348.	3.4	16
26	Colubrid Venom Composition: An -Omics Perspective. Toxins, 2016, 8, 230.	3.4	61
27	The complete mitochondrial genome of Bothrops jararaca (Reptilia, Serpentes, Viperidae). Mitochondrial DNA Part B: Resources, 2016, 1, 907-908.	0.4	4
28	Trends in the Evolution of Snake Toxins Underscored by an Integrative Omics Approach to Profile the Venom of the Colubrid <i>Phalotris mertensi</i> . Genome Biology and Evolution, 2016, 8, 2266-2287.	2.5	29
29	A Heterologous Multiepitope DNA Prime/Recombinant Protein Boost Immunisation Strategy for the Development of an Antiserum against Micrurus corallinus (Coral Snake) Venom. PLoS Neglected Tropical Diseases, 2016, 10, e0004484.	3.0	30
30	Proteomic and Glycoproteomic Profilings Reveal That Post-translational Modifications of Toxins Contribute to Venom Phenotype in Snakes. Journal of Proteome Research, 2016, 15, 2658-2675.	3.7	29
31	The transcriptome recipe for the venom cocktail of Tityus bahiensis scorpion. Toxicon, 2015, 95, 52-61.	1.6	61
32	Transcripts involved in hemostasis: Exploring salivary complexes from Haementeria vizottoi leeches through transcriptomics, phylogenetic studies and structural features. Toxicon, 2015, 106, 20-29.	1.6	12
33	Comparison of venoms from wild and long-term captive Bothrops atrox snakes and characterization of Batroxrhagin, the predominant class PIII metalloproteinase from the venom of this species. Biochimie, 2015, 118, 60-70.	2.6	72
34	Venom-Related Transcripts from Bothrops jararaca Tissues Provide Novel Molecular Insights into the Production and Evolution of Snake Venom. Molecular Biology and Evolution, 2015, 32, 754-766.	8.9	76
35	Proteoforms of the platelet-aggregating enzyme PA-BJ, a serine proteinase from Bothrops jararaca venom. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2014, 1844, 2068-2076.	2.3	11
36	Isolation and biochemical, functional and structural characterization of a novel l-amino acid oxidase from Lachesis muta snake venom. Toxicon, 2012, 60, 1263-1276.	1.6	69

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37	Profiling the resting venom gland of the scorpion <i>Tityus stigmurus</i> through a transcriptomic survey. <i>BMC Genomics</i> , 2012, 13, 362.	2.8	74
38	A Transcriptomic View of the Proteome Variability of Newborn and Adult Bothrops jararaca Snake Venoms. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1554.	3.0	61
39	Venomics Profiling of <i>Thamnodynastes strigatus</i> Unveils Matrix Metalloproteinases and Other Novel Proteins Recruited to the Toxin Arsenal of Rear-Fanged Snakes. <i>Journal of Proteome Research</i> , 2012, 11, 1152-1162.	3.7	61
40	Novel transcripts in the maxillary venom glands of advanced snakes. <i>Toxicon</i> , 2012, 59, 696-708.	1.6	57
41	Phospholipase A2 inhibitors (PLIs) are encoded in the venom glands of <i>Lachesis muta</i> (Crotalinae). <i>Toxicon</i> , 2011, 57, 125-133.	1.6	19
42	Insularin, a disintegrin from <i>Bothrops insularis</i> venom: Inhibition of platelet aggregation and endothelial cell adhesion by the native and recombinant GST-insularin proteins. <i>Toxicon</i> , 2011, 57, 125-133.	1.6	19
43	Structural and biological characterization of Nattectin, a new C-type lectin from the venomous fish <i>Thalassophryne nattereri</i> . <i>Biochimie</i> , 2011, 93, 971-980.	2.6	62
44	Snake venomics and venom gland transcriptomic analysis of Brazilian coral snakes, <i>Micrurus altirostris</i> and <i>M. corallinus</i> . <i>Journal of Proteomics</i> , 2011, 74, 1795-1809.	2.4	126
45	A new Factor Xa inhibitor from <i>Amblyomma cajennense</i> with a unique domain composition. <i>Archives of Biochemistry and Biophysics</i> , 2010, 493, 151-156.	3.0	57
46	Transcriptomic basis for an antiserum against <i>Micrurus corallinus</i> (coral snake) venom. <i>BMC Genomics</i> , 2009, 10, 112.	2.8	51
47	<i>Bothrops insularis</i> venomics: A proteomic analysis supported by transcriptomic-generated sequence data. <i>Journal of Proteomics</i> , 2009, 72, 241-255.	2.4	86
48	SMase II, a new sphingomyelinase D from <i>Loxosceles laeta</i> venom gland: Molecular cloning, expression, function and structural analysis. <i>Toxicon</i> , 2009, 53, 743-753.	1.6	38
49	Transcriptome analysis of <i>Loxosceles laeta</i> (Araneae, Sicariidae) spider venomous gland using expressed sequence tags. <i>BMC Genomics</i> , 2008, 9, 279.	2.8	110
50	Identification and characterization of a new member of snake venom thrombin inhibitors from <i>Bothrops insularis</i> using a proteomic approach. <i>Toxicon</i> , 2008, 51, 659-671.	1.6	16
51	Expressed sequence tags (ESTs) from the salivary glands of the tick <i>Amblyomma cajennense</i> (Acari: Ixodidae). <i>Toxicon</i> , 2008, 51, 659-671.	1.6	16
52	A New Anti-loxoscelic Serum Produced Against Recombinant Sphingomyelinase D: Results of Preclinical Trials. <i>American Journal of Tropical Medicine and Hygiene</i> , 2008, 79, 463-470.	1.4	47
53	Some aspects of the venom proteome of the Colubridae snake <i>Philodryas olfersii</i> revealed from a Duvernoy's (venom) gland transcriptome. <i>FEBS Letters</i> , 2006, 580, 4417-4422.	2.8	108
54	Biochemical characterization and molecular cloning of a plasminogen activator proteinase (LV-PA) from bushmaster snake venom. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2006, 1760, 1762-1771.	2.4	25

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55	Transcriptome analysis of expressed sequence tags from the venom glands of the fish <i>Thalassophryne nattereri</i> . <i>Biochimie</i> , 2006, 88, 693-699.	2.6	67
56	<i>Bothrops jararaca</i> venom gland transcriptome: Analysis of the gene expression pattern. <i>Toxicon</i> , 2006, 48, 437-461.	1.6	118
57	<i>Lachesis muta</i> (Viperidae) cDNAs Reveal Diverging Pit Viper Molecules and Scaffolds Typical of Cobra (Elapidae) Venoms: Implications for Snake Toxin Repertoire Evolution. <i>Genetics</i> , 2006, 173, 877-889.	2.9	117
58	Insularinase A, a prothrombin activator from <i>Bothrops insularis</i> venom, is a metalloprotease derived from a gene encoding protease and disintegrin domains. <i>Biological Chemistry</i> , 2005, 386, 589-600.	2.5	38
59	Gene expression in the salivary complexes from <i>Haementeria depressa</i> leech through the generation of expressed sequence tags. <i>Gene</i> , 2005, 349, 173-185.	2.2	21
60	Natterins, a new class of proteins with kininogenase activity characterized from fish venom. <i>Biochimie</i> , 2005, 87, 687-699.	2.6	108
61	Identification of novel bradykinin-potentiating peptides and C-type natriuretic peptide from <i>Lachesis muta</i> venom. <i>Toxicon</i> , 2005, 46, 31-38.	1.6	71
62	Comparative Genomics of Two <i>Leptospira interrogans</i> Serovars Reveals Novel Insights into Physiology and Pathogenesis. <i>Journal of Bacteriology</i> , 2004, 186, 2164-2172.	2.2	406
63	Identification and cloning of snake venom vascular endothelial growth factor (svVEGF) from <i>Bothrops erythromelas pitviper</i> . <i>Toxicon</i> , 2004, 44, 571-575.	1.6	18
64	Cloning, characterization, and structural analysis of a C-type lectin from <i>Bothrops insularis</i> (BiL) venom. <i>Archives of Biochemistry and Biophysics</i> , 2004, 432, 1-11.	3.0	31
65	Cloning and expression of calglandulin, a new EF-hand protein from the venom glands of <i>Bothrops insularis</i> snake in <i>E. coli</i> . <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2003, 1648, 90-98.	2.3	21
66	A prothrombin activator from <i>Bothrops erythromelas</i> (jararaca-da-seca) snake venom: characterization and molecular cloning. <i>Biochemical Journal</i> , 2003, 369, 129-139.	3.7	96
67	Molecular cloning and expression of a functional dermonecrotic and haemolytic factor from <i>Loxosceles laeta</i> venom. <i>Biochemical and Biophysical Research Communications</i> , 2002, 298, 638-645.	2.1	108
68	A survey of gene expression and diversity in the venom glands of the pitviper snake <i>Bothrops insularis</i> through the generation of expressed sequence tags (ESTs). <i>Gene</i> , 2002, 299, 279-291.	2.2	152
69	Functional analysis of DM64, an antimyotoxic protein with immunoglobulin-like structure from <i>Didelphis marsupialis</i> serum. <i>FEBS Journal</i> , 2002, 269, 6052-6062.	0.2	45
70	Characterization of a Paramyxovirus from a Fer de Lance viper (<i>Bothrops jararaca</i>): partial nucleotide sequence of the putative fusion protein. <i>Archives of Virology</i> , 2001, 146, 51-57.	2.1	14
71	Molecular Cloning and Expression of a Functional Snake Venom Vascular Endothelium Growth Factor (VEGF) from the <i>Bothrops insularis</i> Pit Viper. <i>Journal of Biological Chemistry</i> , 2001, 276, 39836-39842.	3.4	80