

InÃ¡cio De L Junqueira-De-Azevedo

List of Publications by Year in descending order

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71
papers

3,634
citations

109321

35
h-index

138484

58
g-index

71
all docs

71
docs citations

71
times ranked

3162
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Snake venomomics 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
4	<i>Bothrops jararaca</i> venom gland transcriptome: Analysis of the gene expression pattern. <i>Toxicon</i> , 2006, 48, 437-461.	1.6	118
5	<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
6	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
7	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
8	Natterins, a new class of proteins with kininogenase activity characterized from fish venom. <i>Biochimie</i> , 2005, 87, 687-699.	2.6	108
9	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
10	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
11	<i>Bothrops insularis</i> venomomics: A proteomic analysis supported by transcriptomic-generated sequence data. <i>Journal of Proteomics</i> , 2009, 72, 241-255.	2.4	86
12	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
13	Venom-Related Transcripts from <i>Bothrops jararaca</i> Tissues Provide Novel Molecular Insights into the Production and Evolution of Snake Venom. <i>Molecular Biology and Evolution</i> , 2015, 32, 754-766.	8.9	76
14	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
15	Comparison of venoms from wild and long-term captive <i>Bothrops atrox</i> snakes and characterization of Batroxrhagin, the predominant class PIII metalloproteinase from the venom of this species. <i>Biochimie</i> , 2015, 118, 60-70.	2.6	72
16	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
17	Isolation and biochemical, functional and structural characterization of a novel L-amino acid oxidase from <i>Lachesis muta</i> snake venom. <i>Toxicon</i> , 2012, 60, 1263-1276.	1.6	69
18	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

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19	Expressed sequence tags (ESTs) from the salivary glands of the tick <i>Amblyomma cajennense</i> (Acari: Tj ETQq1 1 0.784314 rgBT /Overl	1.6	64
20	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
21	A Transcriptomic View of the Proteome Variability of Newborn and Adult <i>Bothrops jararaca</i> Snake Venoms. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1554.	3.0	61
22	Venomomics 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
23	The transcriptome recipe for the venom cocktail of <i>Tityus bahiensis</i> scorpion. <i>Toxicon</i> , 2015, 95, 52-61.	1.6	61
24	Colubrid Venom Composition: An -Omics Perspective. <i>Toxins</i> , 2016, 8, 230.	3.4	61
25	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
26	Novel transcripts in the maxillary venom glands of advanced snakes. <i>Toxicon</i> , 2012, 59, 696-708.	1.6	57
27	Proteomic endorsed transcriptomic profiles of venom glands from <i>Tityus obscurus</i> and <i>T. serrulatus</i> scorpions. <i>PLoS ONE</i> , 2018, 13, e0193739.	2.5	55
28	Molecular mechanisms underlying intraspecific variation in snake venom. <i>Journal of Proteomics</i> , 2018, 181, 60-72.	2.4	54
29	Transcriptomic basis for an antiserum against <i>Micrurus corallinus</i> (coral snake) venom. <i>BMC Genomics</i> , 2009, 10, 112.	2.8	51
30	An in-depth snake venom proteopeptidome characterization: Benchmarking <i>Bothrops jararaca</i> . <i>Journal of Proteomics</i> , 2017, 151, 214-231.	2.4	50
31	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
32	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
33	An overview of <i>Phoneutria nigriventer</i> spider venom using combined transcriptomic and proteomic approaches. <i>PLoS ONE</i> , 2018, 13, e0200628.	2.5	46
34	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
35	Molecular alterations in the extracellular matrix in the brains of newborns with congenital Zika syndrome. <i>Science Signaling</i> , 2020, 13, .	3.6	39
36	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

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37	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
38	Peptidomics of <i>Acanthoscurria gomesiana</i> spider venom reveals new toxins with potential antimicrobial activity. <i>Journal of Proteomics</i> , 2017, 151, 232-242.	2.4	36
39	Systems analysis of subjects acutely infected with the Chikungunya virus. <i>PLoS Pathogens</i> , 2019, 15, e1007880.	4.7	33
40	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
41	A Heterologous Multiepitope DNA Prime/Recombinant Protein Boost Immunisation Strategy for the Development of an Antiserum against <i>Micrurus corallinus</i> (Coral Snake) Venom. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004484.	3.0	30
42	Trends in the Evolution of Snake Toxins Underscored by an Integrative Omics Approach to Profile the Venom of the Colubrid <i>Phalotris mertensi</i> . <i>Genome Biology and Evolution</i> , 2016, 8, 2266-2287.	2.5	29
43	Proteomic and Glycoproteomic Profilings Reveal That Post-translational Modifications of Toxins Contribute to Venom Phenotype in Snakes. <i>Journal of Proteome Research</i> , 2016, 15, 2658-2675.	3.7	29
44	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
45	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
46	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
47	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
48	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
49	De novo assembly and annotation of <i>Hyalomma dromedarii</i> tick (Acari: Ixodidae) sialotranscriptome with regard to gender differences in gene expression. <i>Parasites and Vectors</i> , 2018, 11, 314.	2.5	21
50	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
51	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
52	Phospholipase A2 inhibitors (iPLIs) are encoded in the venom glands of <i>Lachesis muta</i> (Crotalinae). <i>Trends in Biochemical Sciences</i> , 2000, 25, 10-14.	9.6	18
53	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
54	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

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55	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
56	Insights into the Hypertensive Effects of <i>Tityus serrulatus</i> Scorpion Venom: Purification of an Angiotensin-Converting Enzyme-Like Peptidase. <i>Toxins</i> , 2016, 8, 348.	3.4	16
57	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
58	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
59	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
60	Gut transcriptome analysis on females of <i>Ornithodoros mimon</i> (Acari: Argasidae) and phylogenetic inference of ticks. <i>Brazilian Journal of Veterinary Parasitology</i> , 2017, 26, 185-204.	0.7	13
61	<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
62	Transcripts involved in hemostasis: Exploring salivary complexes from <i>Haementeria vizottoi</i> leeches through transcriptomics, phylogenetic studies and structural features. <i>Toxicon</i> , 2015, 106, 20-29.	1.6	12
63	Modulation of stress and immune response by <i>Amblyomin-X</i> results in tumor cell death in a horse melanoma model. <i>Scientific Reports</i> , 2020, 10, 6388.	3.3	12
64	Proteoforms of the platelet-aggregating enzyme PA-BJ, a serine proteinase from <i>Bothrops jararaca</i> venom. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014, 1844, 2068-2076.	2.3	11
65	ToxCodAn: a new toxin annotator and guide to venom gland transcriptomics. <i>Briefings in Bioinformatics</i> , 2021, 22, .	6.5	9
66	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
67	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
68	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
69	The complete mitochondrial genome of <i>Bothrops jararaca</i> (Reptilia, Serpentes, Viperidae). <i>Mitochondrial DNA Part B: Resources</i> , 2016, 1, 907-908.	0.4	4
70	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
71	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