InÃ¡cio De L Junqueira-De-Azevedo

List of Publications by Year
in descending order

71 papers	3,634 citations	109137 35 h-index	138251 58 g-index
71 all docs	71 docs citations	71 times ranked	3162 citing authors

#	Article	IF	Citations
1	Comparative Genomics of Two Leptospira interrogans Serovars Reveals Novel Insights into Physiology and Pathogenesis. Journal of Bacteriology, 2004, 186, 2164-2172.	1.0	406
2	A survey of gene expression and diversity in the venom glands of the pitviper snake Bothrops insularis through the generation of expressed sequence tags (ESTs). Gene, 2002, 299, 279-291.	1.0	152
3	Snake venomics and venom gland transcriptomic analysis of Brazilian coral snakes, Micrurus altirostris and M. corallinus. Journal of Proteomics, 2011, 74, 1795-1809.	1.2	126
4	Bothrops jararaca venom gland transcriptome: Analysis of the gene expression pattern. Toxicon, 2006, 48, 437-461.	0.8	118
5	Lachesis muta (Viperidae) cDNAs Reveal Diverging Pit Viper Molecules and Scaffolds Typical of Cobra (Elapidae) Venoms: Implications for Snake Toxin Repertoire Evolution. Genetics, 2006, 173, 877-889.	1.2	117
6	Transcriptome analysis of Loxosceles laeta (Araneae, Sicariidae) spider venomous gland using expressed sequence tags. BMC Genomics, 2008, 9, 279.	1.2	110
7	Molecular cloning and expression of a functional dermonecrotic and haemolytic factor from Loxosceles laeta venom. Biochemical and Biophysical Research Communications, 2002, 298, 638-645.	1.0	108
8	Natterins, a new class of proteins with kininogenase activity characterized from fish venom. Biochimie, 2005, 87, 687-699.	1.3	108
9	Some aspects of the venom proteome of the Colubridae snakePhilodryas olfersiirevealed from a Duvernoy's (venom) gland transcriptome. FEBS Letters, 2006, 580, 4417-4422.	1.3	108
10	A prothrombin activator from Bothrops erythromelas (jararaca-da-seca) snake venom: characterization and molecular cloning. Biochemical Journal, 2003, 369, 129-139.	1.7	96
11	Bothrops insularis venomics: A proteomic analysis supported by transcriptomic-generated sequence data. Journal of Proteomics, 2009, 72, 241-255.	1.2	86
12	Molecular Cloning and Expression of a Functional Snake Venom Vascular Endothelium Growth Factor (VEGF) from theBothrops insularis Pit Viper. Journal of Biological Chemistry, 2001, 276, 39836-39842.	1.6	80
13	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.	3.5	76
14	Profiling the resting venom gland of the scorpion Tityus stigmurus through a transcriptomic survey. BMC Genomics, 2012, 13, 362.	1.2	74
15	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.	1.3	72
16	Identification of novel bradykinin-potentiating peptides and C-type natriuretic peptide from Lachesis muta venom. Toxicon, 2005, 46, 31-38.	0.8	71
17	Isolation and biochemical, functional and structural characterization of a novel l-amino acid oxidase from Lachesis muta snake venom. Toxicon, 2012, 60, 1263-1276.	0.8	69
18	Transcriptome analysis ofÂexpressed sequence tags from theÂvenom glands ofÂtheÂfish ThalassophryneÂnattereri. Biochimie, 2006, 88, 693-699.	1.3	67

#	ARTICLE	IF	CITATIONS
19	Expressed sequence tags (ESTs) from the salivary glands of the tick Amblyomma cajennense (Acari:) Tj ETQq1 1 0.784314 rgBT /Overlo	0.8	64
20	Structural and biological characterization of Nattectin, a new C-type lectin from the venomous fish Thalassophryne nattereri. Biochimie, 2011, 93, 971-980.	1.3	62
21	A Transcriptomic View of the Proteome Variability of Newborn and Adult Bothrops jararaca Snake Venoms. PLoS Neglected Tropical Diseases, 2012, 6, e1554.	1.3	61
22	Venomics Profiling of Thamnodynastes strigatus Unveils Matrix Metalloproteinases and Other Novel Proteins Recruited to the Toxin Arsenal of Rear-Fanged Snakes. Journal of Proteome Research, 2012, 11, 1152-1162.	1.8	61
23	The transcriptome recipe for the venom cocktail of Tityus bahiensis scorpion. Toxicon, 2015, 95, 52-61.	0.8	61
24	Colubrid Venom Composition: An -Omics Perspective. Toxins, 2016, 8, 230.	1.5	61
25	A new Factor Xa inhibitor from Amblyomma cajennense with a unique domain composition. Archives of Biochemistry and Biophysics, 2010, 493, 151-156.	1.4	57
26	Novel transcripts in the maxillary venom glands of advanced snakes. Toxicon, 2012, 59, 696-708.	0.8	57
27	Proteomic endorsed transcriptomic profiles of venom glands from Tityus obscurus and T. serrulatus scorpions. PLoS ONE, 2018, 13, e0193739.	1.1	55
28	Molecular mechanisms underlying intraspecific variation in snake venom. Journal of Proteomics, 2018, 181, 60-72.	1.2	54
29	Transcriptomic basis for an antiserum against Micrurus corallinus (coral snake) venom. BMC Genomics, 2009, 10, 112.	1.2	51
30	An in-depth snake venom proteopeptidome characterization: Benchmarking Bothrops jararaca. Journal of Proteomics, 2017, 151, 214-231.	1.2	50
31	Phylogenetically diverse diets favor more complex venoms in North American pitvipers. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	48
32	A New Anti-loxoscelic Serum Produced Against Recombinant Sphingomyelinase D: Results of Preclinical Trials. American Journal of Tropical Medicine and Hygiene, 2008, 79, 463-470.	0.6	47
33	An overview of Phoneutria nigriventer spider venom using combined transcriptomic and proteomic approaches. PLoS ONE, 2018, 13, e0200628.	1.1	46
34	Functional analysis of DM64, an antimyotoxic protein with immunoglobulin-like structure from Didelphis marsupialis serum. FEBS Journal, 2002, 269, 6052-6062.	0.2	45
35	Molecular alterations in the extracellular matrix in the brains of newborns with congenital Zika syndrome. Science Signaling, 2020, 13, .	1.6	39
36	Insularinase A, a prothrombin activator from Bothrops insularis venom, is a metalloprotease derived from a gene encoding protease and disintegrin domains. Biological Chemistry, 2005, 386, 589-600.	1.2	38

#	Article	IF	Citations
37	SMase II, a new sphingomyelinase D from Loxosceles laeta venom gland: Molecular cloning, expression, function and structural analysis. Toxicon, 2009, 53, 743-753.	0.8	38
38	Peptidomics of Acanthoscurria gomesiana spider venom reveals new toxins with potential antimicrobial activity. Journal of Proteomics, 2017, 151, 232-242.	1.2	36
39	Systems analysis of subjects acutely infected with the Chikungunya virus. PLoS Pathogens, 2019, 15, e1007880.	2.1	33
40	Cloning, characterization, and structural analysis of a C-type lectin from Bothrops insularis (BiL) venom. Archives of Biochemistry and Biophysics, 2004, 432, 1-11.	1.4	31
41	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.	1.3	30
42	Trends in the Evolution of Snake Toxins Underscored by an Integrative Omics Approach to Profile the Venom of the ColubridPhalotris mertensi. Genome Biology and Evolution, 2016, 8, 2266-2287.	1.1	29
43	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.	1.8	29
44	Tracking the recruitment and evolution of snake toxins using the evolutionary context provided by the Bothrops jararaca genome. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	29
45	An integrated analysis of mRNA and sRNA transcriptional profiles in Coffea arabica L. roots: insights on nitrogen starvation responses. Functional and Integrative Genomics, 2019, 19, 151-169.	1.4	28
46	Biochemical characterization and molecular cloning of a plasminogen activator proteinase (LV-PA) from bushmaster snake venom. Biochimica Et Biophysica Acta - General Subjects, 2006, 1760, 1762-1771.	1.1	25
47	Cloning and expression of calglandulin, a new EF-hand protein from the venom glands of Bothrops insularis snake in E. coli. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2003, 1648, 90-98.	1.1	21
48	Gene expression in the salivary complexes from Haementeria depressa leech through the generation of expressed sequence tags. Gene, 2005, 349, 173-185.	1.0	21
49	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.	1.0	21
50	â€œInsularin, a disintegrin from Bothrops insularis venom: Inhibition of platelet aggregation and endothelial cell adhesion by the native and recombinant GST-insularin proteinsâ€• Toxicon, 2011, 57, 125-133.	0.8	19
51	Identification and cloning of snake venom vascular endothelial growth factor (svVEGF) from Bothrops erythromelas pitviper. Toxicon, 2004, 44, 571-575.	0.8	18
52	Phospholipase A2 inhibitors (Î²PLIs) are encoded in the venom glands of Lachesis muta (Crotalinae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.8	18
53	A Multiomics Approach Unravels New Toxins With Possible In Silico Antimicrobial, Antiviral, and Antitumoral Activities in the Venom of Acanthoscurria rondoniae. Frontiers in Pharmacology, 2020, 11, 1075.	1.6	18
54	Size Matters: An Evaluation of the Molecular Basis of Ontogenetic Modifications in the Composition of Bothrops jararacussu Snake Venom. Toxins, 2020, 12, 791.	1.5	18

#	Article	IF	Citations
55	Identification and characterization of a new member of snake venom thrombin inhibitors from Bothrops insularis using a proteomic approach. Toxicon, 2008, 51, 659-671.	0.8	16
56	Insights into the Hypertensive Effects of Tityus serrulatus Scorpion Venom: Purification of an Angiotensin-Converting Enzyme-Like Peptidase. Toxins, 2016, 8, 348.	1.5	16
57	Replacement and Parallel Simplification of Nonhomologous Proteinases Maintain Venom Phenotypes in Rear-Fanged Snakes. Molecular Biology and Evolution, 2020, 37, 3563-3575.	3.5	15
58	MITGARD: an automated pipeline for mitochondrial genome assembly in eukaryotic species using RNA-seq data. Briefings in Bioinformatics, 2021, 22, .	3.2	15
59	Characterization of a Paramyxovirus from a Fer de Lance viper(Bothrops jararaca): partial nucleotide sequence of the putative fusion protein. Archives of Virology, 2001, 146, 51-57.	0.9	14
60	Gut transcriptome analysis on females of Ornithodoros mimon (Acari: Argasidae) and phylogenetic inference of ticks. Brazilian Journal of Veterinary Parasitology, 2017, 26, 185-204.	0.2	13
61	Bothrops jararaca accessory venom gland is an ancillary source of toxins to the snake. Journal of Proteomics, 2018, 177, 137-147.	1.2	13
62	Transcripts involved in hemostasis: Exploring salivary complexes from Haementeria vizottoi leeches through transcriptomics, phylogenetic studies and structural features. Toxicon, 2015, 106, 20-29.	0.8	12
63	Modulation of stress and immune response by Amblyomin-X results in tumor cell death in a horse melanoma model. Scientific Reports, 2020, 10, 6388.	1.6	12
64	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.	1.1	11
65	ToxCodAn: a new toxin annotator and guide to venom gland transcriptomics. Briefings in Bioinformatics, 2021, 22, .	3.2	9
66	Insights about minority HIV-1 strains in transmitted drug resistance mutation dynamics and disease progression. Journal of Antimicrobial Chemotherapy, 2018, 73, 1930-1934.	1.3	7
67	HIV-1 genetic diversity and divergence and its correlation with disease progression among antiretroviral naÃ¯ve recently infected individuals. Virology, 2020, 541, 13-24.	1.1	5
68	Differences in PLA2 Constitution Distinguish the Venom of Two Endemic Brazilian Mountain Lanceheads, Bothrops cotiara and Bothrops fonsecai. Toxins, 2022, 14, 237.	1.5	5
69	The complete mitochondrial genome of Bothrops jararaca (Reptilia, Serpentes, Viperidae). Mitochondrial DNA Part B: Resources, 2016, 1, 907-908.	0.2	4
70	An integrative view of the toxic potential of Conophis lineatus (Dipsadidae: Xenodontinae), a medically relevant rear-fanged snake. Toxicon, 2022, 205, 38-52.	0.8	3
71	Myriapod haemocyanin: the first three-dimensional reconstruction of Scolopendra subspinipes and preliminary structural analysis of S. viridicornis. Open Biology, 2020, 10, 190258.	1.5	1