

# Incio De L Junqueira-De-Azevedo

## List of Publications by Citations

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69

papers

2,851

citations

32

h-index

52

g-index

71

ext. papers

3,238

ext. citations

4.2

avg, IF

4.58

L-index

#	Paper	IF	Citations
69	Comparative genomics of two <i>Leptospira interrogans</i> serovars reveals novel insights into physiology and pathogenesis. <i>Journal of Bacteriology</i> , <b>2004</b> , 186, 2164-72	3.5	330
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> , <b>2002</b> , 299, 279-91	3.8	143
67	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> , <b>2011</b> , 74, 1795-809	3.9	111
66	<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> , <b>2006</b> , 173, 877-89	4	105
65	<i>Bothrops jararaca</i> venom gland transcriptome: analysis of the gene expression pattern. <i>Toxicon</i> , <b>2006</b> , 48, 437-61	2.8	104
64	Transcriptome analysis of <i>Loxosceles laeta</i> (Araneae, Sicariidae) spider venomous gland using expressed sequence tags. <i>BMC Genomics</i> , <b>2008</b> , 9, 279	4.5	98
63	Molecular cloning and expression of a functional dermonecrotic and haemolytic factor from <i>Loxosceles laeta</i> venom. <i>Biochemical and Biophysical Research Communications</i> , <b>2002</b> , 298, 638-45	3.4	96
62	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> , <b>2006</b> , 580, 4417-22	3.8	93
61	Natterins, a new class of proteins with kininogenase activity characterized from <i>Thalassophryne nattereri</i> fish venom. <i>Biochimie</i> , <b>2005</b> , 87, 687-99	4.6	85
60	A prothrombin activator from <i>Bothrops erythromelas</i> (jararaca-da-seca) snake venom: characterization and molecular cloning. <i>Biochemical Journal</i> , <b>2003</b> , 369, 129-39	3.8	83
59	<i>Bothrops insularis</i> venomomics: a proteomic analysis supported by transcriptomic-generated sequence data. <i>Journal of Proteomics</i> , <b>2009</b> , 72, 241-55	3.9	74
58	Molecular cloning and expression of a functional snake venom vascular endothelium growth factor (VEGF) from the <i>Bothrops insularis</i> pit viper. A new member of the VEGF family of proteins. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 39836-42	5.4	69
57	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> , <b>2015</b> , 32, 754-66	8.3	67
56	Profiling the resting venom gland of the scorpion <i>Tityus stigmurus</i> through a transcriptomic survey. <i>BMC Genomics</i> , <b>2012</b> , 13, 362	4.5	64
55	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> , <b>2015</b> , 118, 60-70	4.6	59
54	Identification of novel bradykinin-potentiating peptides and C-type natriuretic peptide from <i>Lachesis muta</i> venom. <i>Toxicon</i> , <b>2005</b> , 46, 31-8	2.8	59
53	Isolation and biochemical, functional and structural characterization of a novel L-amino acid oxidase from <i>Lachesis muta</i> snake venom. <i>Toxicon</i> , <b>2012</b> , 60, 1263-76	2.8	57

52	Transcriptome analysis of expressed sequence tags from the venom glands of the fish <i>Thalassophryne nattereri</i> . <i>Biochimie</i> , <b>2006</b> , 88, 693-9	4.6	55
51	Expressed sequence tags (ESTs) from the salivary glands of the tick <i>Amblyomma cajennense</i> (Acari: Ixodidae). <i>Toxicon</i> , <b>2008</b> , 51, 823-34	2.8	54
50	A transcriptomic view of the proteome variability of newborn and adult <i>Bothrops jararaca</i> snake venoms. <i>PLoS Neglected Tropical Diseases</i> , <b>2012</b> , 6, e1554	4.8	51
49	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> , <b>2012</b> , 11, 1152-62	5.6	51
48	The transcriptome recipe for the venom cocktail of <i>Tityus bahiensis</i> scorpion. <i>Toxicon</i> , <b>2015</b> , 95, 52-61	2.8	49
47	Novel transcripts in the maxillary venom glands of advanced snakes. <i>Toxicon</i> , <b>2012</b> , 59, 696-708	2.8	48
46	Colubrid Venom Composition: An -Omics Perspective. <i>Toxins</i> , <b>2016</b> , 8,	4.9	48
45	A new Factor Xa inhibitor from <i>Amblyomma cajennense</i> with a unique domain composition. <i>Archives of Biochemistry and Biophysics</i> , <b>2010</b> , 493, 151-6	4.1	47
44	Structural and biological characterization of Nattectin, a new C-type lectin from the venomous fish <i>Thalassophryne nattereri</i> . <i>Biochimie</i> , <b>2011</b> , 93, 971-80	4.6	46
43	An in-depth snake venom proteopeptidome characterization: Benchmarking <i>Bothrops jararaca</i> . <i>Journal of Proteomics</i> , <b>2017</b> , 151, 214-231	3.9	40
42	Transcriptomic basis for an antiserum against <i>Micrurus corallinus</i> (coral snake) venom. <i>BMC Genomics</i> , <b>2009</b> , 10, 112	4.5	40
41	A New Anti-loxoscelic Serum Produced Against Recombinant Sphingomyelinase D: Results of Preclinical Trials. <i>American Journal of Tropical Medicine and Hygiene</i> , <b>2008</b> , 79, 463-470	3.2	39
40	Molecular mechanisms underlying intraspecific variation in snake venom. <i>Journal of Proteomics</i> , <b>2018</b> , 181, 60-72	3.9	38
39	Functional analysis of DM64, an antimyotoxic protein with immunoglobulin-like structure from <i>Didelphis marsupialis</i> serum. <i>FEBS Journal</i> , <b>2002</b> , 269, 6052-62		36
38	Proteomic endorsed transcriptomic profiles of venom glands from <i>Tityus obscurus</i> and <i>T. serrulatus</i> scorpions. <i>PLoS ONE</i> , <b>2018</b> , 13, e0193739	3.7	33
37	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> , <b>2005</b> , 386, 589-600	4.5	32
36	SMase II, a new sphingomyelinase D from <i>Loxosceles laeta</i> venom gland: molecular cloning, expression, function and structural analysis. <i>Toxicon</i> , <b>2009</b> , 53, 743-53	2.8	31
35	Cloning, characterization, and structural analysis of a C-type lectin from <i>Bothrops insularis</i> (BiL) venom. <i>Archives of Biochemistry and Biophysics</i> , <b>2004</b> , 432, 1-11	4.1	30

34	Peptidomics of <i>Acanthoscurria gomesiana</i> spider venom reveals new toxins with potential antimicrobial activity. <i>Journal of Proteomics</i> , <b>2017</b> , 151, 232-242	3.9	26
33	Proteomic and Glycoproteomic Profilings Reveal That Post-translational Modifications of Toxins Contribute to Venom Phenotype in Snakes. <i>Journal of Proteome Research</i> , <b>2016</b> , 15, 2658-75	5.6	23
32	An overview of <i>Phoneutria nigriventer</i> spider venom using combined transcriptomic and proteomic approaches. <i>PLoS ONE</i> , <b>2018</b> , 13, e0200628	3.7	22
31	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> , <b>2016</b> , 8, 2266-87	3.9	21
30	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> , <b>2016</b> , 10, e0004484	4.8	21
29	Biochemical characterization and molecular cloning of a plasminogen activator proteinase (LV-PA) from bushmaster snake venom. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2006</b> , 1760, 1762-71	4	21
28	Molecular alterations in the extracellular matrix in the brains of newborns with congenital Zika syndrome. <i>Science Signaling</i> , <b>2020</b> , 13,	8.8	20
27	Gene expression in the salivary complexes from <i>Haementeria depressa</i> leech through the generation of expressed sequence tags. <i>Gene</i> , <b>2005</b> , 349, 173-85	3.8	16
26	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> , <b>2003</b> , 1648, 90-8	4	16
25	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> , <b>2018</b> , 11, 314	4	16
24	"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> , <b>2011</b> , 57, 125-33	2.8	15
23	Phospholipase A2 inhibitors (PLIs) are encoded in the venom glands of <i>Lachesis muta</i> (Crotalinae, Viperidae) snakes. <i>Toxicon</i> , <b>2011</b> , 57, 172-5	2.8	14
22	Identification and characterization of a new member of snake venom thrombin inhibitors from <i>Bothrops insularis</i> using a proteomic approach. <i>Toxicon</i> , <b>2008</b> , 51, 659-71	2.8	14
21	Identification and cloning of snake venom vascular endothelial growth factor (svVEGF) from <i>Bothrops erythromelas</i> pitviper. <i>Toxicon</i> , <b>2004</b> , 44, 571-5	2.8	14
20	Systems analysis of subjects acutely infected with the Chikungunya virus. <i>PLoS Pathogens</i> , <b>2019</b> , 15, e1007880	10.7	13
19	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> , <b>2019</b> , 19, 151-169	3.8	13
18	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> , <b>2001</b> , 146, 51-7	2.6	11
17	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> , <b>2021</b> , 118,	11.5	11

16	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> , <b>2014</b> , 1844, 2068-76	4	10
15	Gut transcriptome analysis on females of <i>Ornithodoros mimon</i> (Acari: Argasidae) and phylogenetic inference of ticks. <i>Brazilian Journal of Veterinary Parasitology</i> , <b>2017</b> , 26, 185-204	1.3	10
14	Insights into the Hypertensive Effects of <i>Tityus serrulatus</i> Scorpion Venom: Purification of an Angiotensin-Converting Enzyme-Like Peptidase. <i>Toxins</i> , <b>2016</b> , 8,	4.9	10
13	A Multiomics Approach Unravels New Toxins With Possible Antimicrobial, Antiviral, and Antitumoral Activities in the Venom of. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 1075	5.6	9
12	Transcripts involved in hemostasis: Exploring salivary complexes from <i>Haementeria vizottoi</i> leeches through transcriptomics, phylogenetic studies and structural features. <i>Toxicon</i> , <b>2015</b> , 106, 20-9	2.8	7
11	<i>Bothrops jararaca</i> accessory venom gland is an ancillary source of toxins to the snake. <i>Journal of Proteomics</i> , <b>2018</b> , 177, 137-147	3.9	7
10	Insights about minority HIV-1 strains in transmitted drug resistance mutation dynamics and disease progression. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2018</b> , 73, 1930-1934	5.1	5
9	Tracking the recruitment and evolution of snake toxins using the evolutionary context provided by the genome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	5
8	Replacement and Parallel Simplification of Nonhomologous Proteinases Maintain Venom Phenotypes in Rear-Fanged Snakes. <i>Molecular Biology and Evolution</i> , <b>2020</b> , 37, 3563-3575	8.3	4
7	Size Matters: An Evaluation of the Molecular Basis of Ontogenetic Modifications in the Composition of Snake Venom. <i>Toxins</i> , <b>2020</b> , 12,	4.9	4
6	Modulation of stress and immune response by Amblyomin-X results in tumor cell death in a horse melanoma model. <i>Scientific Reports</i> , <b>2020</b> , 10, 6388	4.9	3
5	The complete mitochondrial genome of (Reptilia, Serpentes, Viperidae). <i>Mitochondrial DNA Part B: Resources</i> , <b>2016</b> , 1, 907-908	0.5	2
4	MITGARD: an automated pipeline for mitochondrial genome assembly in eukaryotic species using RNA-seq data. <i>Briefings in Bioinformatics</i> , <b>2021</b> , 22,	13.4	2
3	HIV-1 genetic diversity and divergence and its correlation with disease progression among antiretroviral naïve recently infected individuals. <i>Virology</i> , <b>2020</b> , 541, 13-24	3.6	1
2	Myriapod haemocyanin: the first three-dimensional reconstruction of and preliminary structural analysis of. <i>Open Biology</i> , <b>2020</b> , 10, 190258	7	0
1	An integrative view of the toxic potential of <i>Conopsis lineatus</i> (Dipsadidae: Xenodontinae), a medically relevant rear-fanged snake. <i>Toxicon</i> , <b>2021</b> , 205, 38-52	2.8	0