

Suely V Sampaio

List of Publications by Year in descending order

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137
papers

4,623
citations

76294

40
h-index

143943

57
g-index

145
all docs

145
docs citations

145
times ranked

3212
citing authors

#	ARTICLE	IF	CITATIONS
1	Medicinal Plants with Inhibitory Properties Against Snake Venoms. <i>Current Medicinal Chemistry</i> , 2005, 12, 2625-2641.	1.2	181
2	Rosmarinic acid, a new snake venom phospholipase A2 inhibitor from <i>Cordia verbenacea</i> (Boraginaceae): antiserum action potentiation and molecular interaction. <i>Toxicon</i> , 2005, 46, 318-327.	0.8	150
3	Biochemical and functional characterization of an L-amino acid oxidase isolated from <i>Bothrops pirajai</i> snake venom. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 7034-7043.	1.4	118
4	A hyaluronidase from <i>Tityus serrulatus</i> scorpion venom: isolation, characterization and inhibition by flavonoids. <i>Toxicon</i> , 2001, 39, 1495-1504.	0.8	102
5	Isolation and characterization of toxic proteins from the venom of the Brazilian scorpion <i>Tityus serrulatus</i> . <i>Toxicon</i> , 1983, 21, 265-277.	0.8	96
6	Evidence of caspase-mediated apoptosis induced by L-amino acid oxidase isolated from <i>Bothrops atrox</i> snake venom. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2008, 151, 542-550.	0.8	92
7	Biochemical and histopathological alterations induced in rats by <i>Tityus serrulatus</i> scorpion venom and its major neurotoxin tityustoxin-I. <i>Toxicon</i> , 1997, 35, 1053-1067.	0.8	91
8	Myotoxic phospholipases A2 isolated from <i>Bothrops brazili</i> snake venom and synthetic peptides derived from their C-terminal region: Cytotoxic effect on microorganism and tumor cells. <i>Peptides</i> , 2008, 29, 1645-1656.	1.2	89
9	Cytotoxic L-amino acid oxidase from <i>Bothrops moojeni</i> : Biochemical and functional characterization. <i>International Journal of Biological Macromolecules</i> , 2007, 41, 132-140.	3.6	87
10	Batroxase, a new metalloproteinase from <i>B. atrox</i> snake venom with strong fibrinolytic activity. <i>Toxicon</i> , 2012, 60, 70-82.	0.8	85
11	Neo-clerodane diterpenoid, a new metalloprotease snake venom inhibitor from <i>Baccharis trimera</i> (Asteraceae): anti-proteolytic and anti-hemorrhagic properties. <i>Chemico-Biological Interactions</i> , 2004, 150, 243-251.	1.7	75
12	Crotoxin and phospholipases A2 from <i>Crotalus durissus terrificus</i> showed antiviral activity against dengue and yellow fever viruses. <i>Toxicon</i> , 2012, 59, 507-515.	0.8	75
13	Snake venom L-amino acid oxidases: an overview on their antitumor effects. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2014, 20, 23.	0.8	75
14	Anticoagulant and antifibrinogenolytic properties of the aqueous extract from <i>Bauhinia forficata</i> against snake venoms. <i>Journal of Ethnopharmacology</i> , 2005, 98, 213-216.	2.0	74
15	A new acidic myotoxic, anti-platelet and prostaglandin I2 inducer phospholipase A2 isolated from <i>Bothrops moojeni</i> snake venom. <i>Toxicon</i> , 2008, 52, 908-917.	0.8	71
16	A simplified procedure for the fractionation of <i>Tityus serrulatus</i> venom: Isolation and partial characterization of TsTX-IV, a new neurotoxin. <i>Toxicon</i> , 1989, 27, 907-916.	0.8	69
17	<i>Tityus serrulatus</i> venom and toxins Ts1, Ts2 and Ts6 induce macrophage activation and production of immune mediators. <i>Toxicon</i> , 2011, 57, 1101-1108.	0.8	68
18	Inhibition of the Lethal and Myotoxic Activities of <i>Crotalus durissus terrificus</i> Venom by <i>Tabernaemontana catharinensis</i> : Identification of One of the Active Components. <i>Planta Medica</i> , 2000, 66, 424-428.	0.7	66

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19	Tityus? toxin, a high affinity effector of the Na ⁺ channel in muscle, with a selectivity for channels in the surface membrane. <i>Pflugers Archiv European Journal of Physiology</i> , 1984, 400, 22-27.	1.3	64
20	Triterpenoid saponins, new metalloprotease snake venom inhibitors isolated from <i>Pentaclethra macroloba</i> . <i>Toxicon</i> , 2007, 50, 283-291.	0.8	64
21	Chemical constituents from <i>Tabernaemontana catharinensis</i> root bark: a brief NMR review of indole alkaloids and in vitro cytotoxicity. <i>Quimica Nova</i> , 2008, 31, 20-24.	0.3	63
22	Antihemorrhagic, antinucleolytic and other antiophidian properties of the aqueous extract from <i>Pentaclethra macroloba</i> . <i>Journal of Ethnopharmacology</i> , 2005, 100, 145-152.	2.0	59
23	Antitumor effects of snake venom chemically modified Lys49 phospholipase A2-like BthTX-I and a synthetic peptide derived from its C-terminal region. <i>Biologicals</i> , 2009, 37, 222-229.	0.5	57
24	Cell cycle arrest evidence, parasitocidal and bactericidal properties induced by l-amino acid oxidase from <i>Bothrops atrox</i> snake venom. <i>Biochimie</i> , 2011, 93, 941-947.	1.3	55
25	Phospholipase A2 Isolated from the Venom of <i>Crotalus durissus terrificus</i> Inactivates Dengue virus and Other Enveloped Viruses by Disrupting the Viral Envelope. <i>PLoS ONE</i> , 2014, 9, e112351.	1.1	53
26	Hyaluronidase recruits mesenchymal-like cells to the lung and ameliorates fibrosis. <i>Fibrogenesis and Tissue Repair</i> , 2011, 4, 3.	3.4	50
27	Molecular approaches for structural characterization of <i>Bothrops</i> l-amino acid oxidases with antiprotozoal activity: cDNA cloning, comparative sequence analysis, and molecular modeling. <i>Biochemical and Biophysical Research Communications</i> , 2007, 355, 302-306.	1.0	48
28	Proteopeptidomic, Functional and Immunoreactivity Characterization of <i>Bothrops moojeni</i> Snake Venom: Influence of Snake Gender on Venom Composition. <i>Toxins</i> , 2018, 10, 177.	1.5	48
29	Snake Venom Phospholipases A2: A New Class of Antitumor Agents. <i>Protein and Peptide Letters</i> , 2009, 16, 894-898.	0.4	47
30	Ts6 and Ts2 from <i>Tityus serrulatus</i> venom induce inflammation by mechanisms dependent on lipid mediators and cytokine production. <i>Toxicon</i> , 2013, 61, 1-10.	0.8	47
31	Antitumoural Effect of an l-Amino Acid Oxidase Isolated from <i>Bothrops jararaca</i> Snake Venom. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008, 102, 533-542.	1.2	46
32	Isolation, characterization and biological activity of acidic phospholipase A2 isoforms from <i>Bothrops jararacussu</i> snake venom. <i>Biochimie</i> , 2003, 85, 983-991.	1.3	45
33	Evaluating the microbicidal, antiparasitic and antitumor effects of CR-LAAO from <i>Calloselasma rhodostoma</i> venom. <i>International Journal of Biological Macromolecules</i> , 2015, 80, 489-497.	3.6	44
34	CR-LAAO, an L-amino acid oxidase from <i>Calloselasma rhodostoma</i> venom, as a potential tool for developing novel immunotherapeutic strategies against cancer. <i>Scientific Reports</i> , 2017, 7, 42673.	1.6	44
35	Effects of voltage-gated Na ⁺ channel toxins from <i>Tityus serrulatus</i> venom on rat arterial blood pressure and plasma catecholamines. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2005, 141, 85-92.	1.3	43
36	Proteomic analysis of <i>Bothrops pirajai</i> snake venom and characterization of BpirMP, a new P-I metalloproteinase. <i>Journal of Proteomics</i> , 2013, 80, 250-267.	1.2	43

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37	Effects of two serine proteases from <i>Bothrops pirajai</i> snake venom on the complement system and the inflammatory response. <i>International Immunopharmacology</i> , 2013, 15, 764-771.	1.7	43
38	A new hemorrhagic metalloprotease from <i>Bothrops jararacussu</i> snake venom: isolation and biochemical characterization. <i>Toxicon</i> , 2004, 44, 215-223.	0.8	42
39	Global proteomic and functional analysis of <i>Crotalus durissus collilineatus</i> individual venom variation and its impact on envenoming. <i>Journal of Proteomics</i> , 2019, 191, 153-165.	1.2	42
40	Biochemical characterization and comparative analysis of two distinct serine proteases from <i>Bothrops pirajai</i> snake venom. <i>Biochimie</i> , 2012, 94, 2545-2558.	1.3	41
41	Molecular Dynamics, Flexible Docking, Virtual Screening, ADMET Predictions, and Molecular Interaction Field Studies to Design Novel Potential MAO-B Inhibitors. <i>Journal of Biomolecular Structure and Dynamics</i> , 2008, 25, 347-355.	2.0	40
42	Inflammatory mediators involved in the paw edema and hyperalgesia induced by Batroxase, a metalloproteinase isolated from <i>Bothrops atrox</i> snake venom. <i>International Immunopharmacology</i> , 2015, 28, 199-207.	1.7	40
43	The complete amino acid sequence of toxin TsTX-VI isolated from the venom of the scorpion <i>Tityus serrulatus</i> . <i>The Protein Journal</i> , 1990, 9, 595-601.	1.1	39
44	Antitumor potential of the myotoxin BthTX-I from <i>Bothrops jararacussu</i> snake venom: evaluation of cell cycle alterations and death mechanisms induced in tumor cell lines. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2015, 21, 44.	0.8	39
45	Molecular characterization of an acidic phospholipase A2 from <i>Bothrops pirajai</i> snake venom: synthetic C-terminal peptide identifies its antiplatelet region. <i>Archives of Toxicology</i> , 2011, 85, 1219-1233.	1.9	38
46	Inhibition of the myotoxic activity of <i>Bothrops jararacussu</i> venom and its two major myotoxins, BthTX-I and BthTX-II, by the aqueous extract of <i>Tabernaemontana catharinensis</i> A. DC. (Apocynaceae). <i>Phytomedicine</i> , 2005, 12, 123-130.	2.3	37
47	BjussuSP-I: A new thrombin-like enzyme isolated from <i>Bothrops jararacussu</i> snake venom. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2008, 151, 443-454.	0.8	37
48	Computer-aided Drug Design of Novel PLA2 Inhibitor Candidates for Treatment of Snakebite. <i>Journal of Biomolecular Structure and Dynamics</i> , 2009, 27, 27-35.	2.0	37
49	Evaluation of the effect of aqueous extract of <i>Croton urucurana</i> Baillon (Euphorbiaceae) on the hemorrhagic activity induced by the venom of <i>Bothrops jararaca</i> , using new techniques to quantify hemorrhagic activity in rat skin. <i>Phytomedicine</i> , 2005, 12, 570-576.	2.3	34
50	Immune cells and mediators involved in the inflammatory responses induced by a P-I metalloprotease and a phospholipase A2 from <i>Bothrops atrox</i> venom. <i>Molecular Immunology</i> , 2017, 85, 238-247.	1.0	34
51	Snake Venom L-Amino Acid Oxidases: Some Consideration About their Functional Characterization. <i>Protein and Peptide Letters</i> , 2009, 16, 908-912.	0.4	33
52	Further characterization of toxins T1IV (TsTX-III) and T2IV from <i>Tityus serrulatus</i> scorpion venom. <i>Toxicon</i> , 1991, 29, 663-672.	0.8	32
53	A new l-amino acid oxidase from <i>Bothrops jararacussu</i> snake venom: Isolation, partial characterization, and assessment of pro-apoptotic and antiprotozoal activities. <i>International Journal of Biological Macromolecules</i> , 2017, 103, 25-35.	3.6	31
54	Cytotoxic and inflammatory potential of a phospholipase A2 from <i>Bothrops jararaca</i> snake venom. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2018, 24, 33.	0.8	31

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55	Crystal structure of a myotoxic Asp49-phospholipase A2 with low catalytic activity: Insights into Ca ²⁺ -independent catalytic mechanism. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2008, 1784, 591-599.	1.1	30
56	Amo Acid Oxidase Isolated from <i>Bothrops pirajai</i> Induces Apoptosis in BCR-ABL Positive Cells and Potentiates Imatinib Mesylate Effect. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2013, 113, 103-112.	1.2	30
57	Evaluation of the local inflammatory events induced by BpirMP, a metalloproteinase from <i>Bothrops pirajai</i> venom. <i>Molecular Immunology</i> , 2015, 68, 456-464.	1.0	30
58	Isolation and characterization of TsTX-V, a new neurotoxin from <i>Tityus serrulatus</i> scorpion venom which delays the inactivation of Na ⁺ channels. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1994, 1199, 69-75.	1.1	29
59	Investigating possible biological targets of Bj-CRP, the first cysteine-rich secretory protein (CRISP) isolated from <i>Bothrops jararaca</i> snake venom. <i>Toxicology Letters</i> , 2017, 265, 156-169.	0.4	29
60	Sacha inchi seeds from sub-tropical cultivation: effects of roasting on antinutrients, antioxidant capacity and oxidative stability. <i>Journal of Food Science and Technology</i> , 2018, 55, 4159-4166.	1.4	29
61	Anticretal and antitumoral activities of gel filtration fractions of aqueous extract from <i>Tabernaemontana catharinensis</i> (Apocynaceae). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2004, 137, 19-27.	1.3	28
62	Insulin-like effects of <i>Bauhinia forficata</i> aqueous extract upon <i>Tityus serrulatus</i> scorpion envenoming. <i>Journal of Ethnopharmacology</i> , 2004, 95, 385-392.	2.0	28
63	Expression of ion channels during differentiation of a human skeletal muscle cell line. <i>Journal of Muscle Research and Cell Motility</i> , 1997, 18, 587-598.	0.9	27
64	Molecular characterization and phylogenetic analysis of BjuMP-I: A RGD-P-III class hemorrhagic metalloprotease from <i>Bothrops jararacussu</i> snake venom. <i>Journal of Molecular Graphics and Modelling</i> , 2007, 26, 69-85.	1.3	27
65	Snake venom galactoside-binding lectins: a structural and functional overview. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2015, 21, 35.	0.8	27
66	Chikungunya virus entry is strongly inhibited by phospholipase A2 isolated from the venom of <i>Crotalus durissus terrificus</i> . <i>Scientific Reports</i> , 2021, 11, 8717.	1.6	27
67	Moojenactivase, a novel pro-coagulant PIIId metalloprotease isolated from <i>Bothrops moojeni</i> snake venom, activates coagulation factors II and X and induces tissue factor up-regulation in leukocytes. <i>Archives of Toxicology</i> , 2016, 90, 1261-1278.	1.9	26
68	Purification procedure for the isolation of a P-I metalloprotease and an acidic phospholipase A2 from <i>Bothrops atrox</i> snake venom. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2015, 21, 28.	0.8	25
69	CR-LAO antileukemic effect against Bcr-Abl + cells is mediated by apoptosis and hydrogen peroxide. <i>International Journal of Biological Macromolecules</i> , 2016, 86, 309-320.	3.6	25
70	Multiple effects of toxins isolated from <i>Crotalus durissus terrificus</i> on the hepatitis C virus life cycle. <i>PLoS ONE</i> , 2017, 12, e0187857.	1.1	25
71	An overview of the immune modulating effects of enzymatic toxins from snake venoms. <i>International Journal of Biological Macromolecules</i> , 2018, 109, 664-671.	3.6	25
72	Isolation and characterization of moojenin, an acid-active, anticoagulant metalloproteinase from <i>Bothrops moojeni</i> venom. <i>Toxicon</i> , 2012, 60, 1251-1258.	0.8	24

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73	Molecular characterization of BjuSSU-SP-I, a new thrombin-like enzyme with procoagulant and kallikrein-like activity isolated from Bothrops jararacussu snake venom. <i>Biochimie</i> , 2008, 90, 500-507.	1.3	23
74	Beyond hemostasis: a snake venom serine protease with potassium channel blocking and potential antitumor activities. <i>Scientific Reports</i> , 2020, 10, 4476.	1.6	23
75	Immunomodulatory activity of Tityus serrulatus scorpion venom on human T lymphocytes. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2015, 21, 46.	0.8	22
76	New findings from the first transcriptome of the Bothrops moojeni snake venom gland. <i>Toxicon</i> , 2017, 140, 105-117.	0.8	22
77	Cytotoxic, genotoxic, and oxidative stress-inducing effect of an L-amino acid oxidase isolated from Bothrops jararacussu venom in a co-culture model of HepG2 and HUVEC cells. <i>International Journal of Biological Macromolecules</i> , 2019, 127, 425-432.	3.6	22
78	Purification and Characterization of Jararassin-I, A Thrombin-like Enzyme from Bothrops jararaca Snake Venom. <i>Acta Biochimica Et Biophysica Sinica</i> , 2004, 36, 798-802.	0.9	21
79	Functional and structural analysis of two fibrinogen-activating enzymes isolated from the venoms of <i>Crotalus durissus terrificus</i> and <i>Crotalus durissus collilineatus</i> . <i>Acta Biochimica Et Biophysica Sinica</i> , 2009, 41, 21-29.	0.9	21
80	Immunotherapeutic potential of Crotoxin: anti-inflammatory and immunosuppressive properties. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2018, 24, 39.	0.8	21
81	BthTX-I from Bothrops jararacussu induces apoptosis in human breast cancer cell lines and decreases cancer stem cell subpopulation. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2019, 25, e20190010.	0.8	21
82	Galatrox is a C-type lectin in Bothrops atrox snake venom that selectively binds LacNAc-terminated glycans and can induce acute inflammation. <i>Glycobiology</i> , 2014, 24, 1010-1021.	1.3	20
83	Expression, purification and virucidal activity of two recombinant isoforms of phospholipase A2 from <i>Crotalus durissus terrificus</i> venom. <i>Archives of Virology</i> , 2019, 164, 1159-1171.	0.9	20
84	The toxin BjuSSU-LAAO-II induces oxidative stress and DNA damage, upregulates the inflammatory cytokine genes TNF and IL6, and downregulates the apoptotic-related genes BAX, BCL2 and RELA in human Caco-2 cells. <i>International Journal of Biological Macromolecules</i> , 2018, 109, 212-219.	3.6	19
85	Isolation and characterization of a new clotting factor from Bothrops jararacussu (jararacuã) venom. <i>Toxicon</i> , 1997, 35, 1043-1052.	0.8	18
86	Bothrops snake venoms and their isolated toxins, an L-amino acid oxidase and a serine protease, modulate human complement system pathways. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2015, 21, 29.	0.8	18
87	BIOCHEMICAL AND HEMATOLOGICAL SIDE EFFECTS OF CLOFAZIMINE IN LEPROSY PATIENTS. <i>Pharmacological Research</i> , 2002, 46, 191-194.	3.1	17
88	Isolation, functional, and partial biochemical characterization of galatrox, an acidic lectin from Bothrops atrox snake venom. <i>Acta Biochimica Et Biophysica Sinica</i> , 2011, 43, 181-192.	0.9	17
89	P-I class metalloproteinase from Bothrops moojeni venom is a post-proline cleaving peptidase with kininogenase activity: Insights into substrate selectivity and kinetic behavior. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014, 1844, 545-552.	1.1	17
90	A synthetic snake-venom-based tripeptide (Glu-Val-Trp) protects PC12 cells from MPP + toxicity by activating the NGF-signaling pathway. <i>Peptides</i> , 2018, 104, 24-34.	1.2	17

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91	New Insights on Moojase, a Thrombin-Like Serine Protease from Bothrops moojeni Snake Venom. <i>Toxins</i> , 2018, 10, 500.	1.5	17
92	LTB4 and PGE2 modulate the release of MIP-1 α and IL-1 β by cells stimulated with Bothrops snake venoms. <i>Toxicon</i> , 2018, 150, 289-296.	0.8	17
93	A tripeptide isolated from Bothrops atrox venom has neuroprotective and neurotrophic effects on a cellular model of Parkinson's disease. <i>Chemico-Biological Interactions</i> , 2015, 235, 10-16.	1.7	16
94	Evaluation of the in vivo thrombolytic activity of a metalloprotease from Bothrops atrox venom using a model of venous thrombosis. <i>Toxicon</i> , 2016, 109, 18-25.	0.8	16
95	Crystal structure and molecular dynamics studies of L-amino acid oxidase from Bothrops atrox. <i>Toxicon</i> , 2017, 128, 50-59.	0.8	16
96	Effects of the venom of the Brazilian scorpion Tityus serrulatus and two of its fractions on the isolated diaphragm of the rat. <i>General Pharmacology</i> , 1989, 20, 205-210.	0.7	15
97	Low-molecular-mass peptides from the venom of the Amazonian viper Bothrops atrox protect against brain mitochondrial swelling in rat: Potential for neuroprotection. <i>Toxicon</i> , 2010, 56, 86-92.	0.8	15
98	The L-amino acid oxidase from Calloselasma rhodostoma snake venom modulates apoptomiRs expression in Bcr-Abl-positive cell lines. <i>Toxicon</i> , 2016, 120, 9-14.	0.8	15
99	Cytotoxic and pro-apoptotic action of MjTX-I, a phospholipase A2 isolated from Bothrops moojeni snake venom, towards leukemic cells. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2018, 24, 40.	0.8	15
100	BjSP, a novel serine protease from Bothrops jararaca snake venom that degrades fibrinogen without forming fibrin clots. <i>Toxicology and Applied Pharmacology</i> , 2018, 357, 50-61.	1.3	15
101	What is tityustoxin?. <i>Toxicon</i> , 1992, 30, 786-789.	0.8	14
102	Microbial transformation of the sesquiterpene lactone tagitinin C by the fungus <i>Aspergillus terreus</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2012, 39, 1719-1724.	1.4	14
103	L-Methionine inhibits growth of human pancreatic cancer cells. <i>Anti-Cancer Drugs</i> , 2014, 25, 200-203.	0.7	14
104	L-Amino acid oxidase isolated from Calloselasma rhodostoma snake venom induces cytotoxicity and apoptosis in JAK2V617F-positive cell lines. <i>Revista Brasileira De Hematologia E Hemoterapia</i> , 2016, 38, 128-134.	0.7	14
105	Effects of Bothrops atrox venom and two isolated toxins on the human complement system: Modulation of pathways and generation of anaphylatoxins. <i>Molecular Immunology</i> , 2016, 80, 91-100.	1.0	14
106	Phospholipase A2 Inhibitors Isolated From Medicinal Plants: Alternative Treatment Against Snakebites. <i>Mini-Reviews in Medicinal Chemistry</i> , 2013, 13, 1348-1356.	1.1	14
107	Heterologous expression and biochemical and functional characterization of a recombinant alpha-type myotoxin inhibitor from Bothrops alternatus snake. <i>Biochimie</i> , 2014, 105, 119-128.	1.3	13
108	Antithrombotic activity of Batroxase, a metalloprotease from Bothrops atrox venom, in a model of venous thrombosis. <i>International Journal of Biological Macromolecules</i> , 2017, 95, 263-267.	3.6	13

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109	First report on BaltCRP, a cysteine-rich secretory protein (CRISP) from <i>Bothrops alternatus</i> venom: Effects on potassium channels and inflammatory processes. <i>International Journal of Biological Macromolecules</i> , 2019, 140, 556-567.	3.6	13
110	<i>Bothrops moojeni</i> L-amino acid oxidase induces apoptosis and epigenetic modulation on Bcr-Abl+ cells. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2020, 26, e20200123.	0.8	13
111	Unusual biotransformation products of the sesquiterpene lactone budlein A by <i>Aspergillus</i> species. <i>Phytochemistry</i> , 2013, 96, 92-100.	1.4	12
112	Disseminated intravascular coagulation caused by moojenactivase, a procoagulant snake venom metalloprotease. <i>International Journal of Biological Macromolecules</i> , 2017, 103, 1077-1086.	3.6	12
113	Kinetic investigations and stability studies of two <i>Bothrops</i> L-amino acid oxidases. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2018, 24, 37.	0.8	11
114	Effects of crotoxin, a neurotoxin from <i>Crotalus durissus terrificus</i> snake venom, on human endothelial cells. <i>International Journal of Biological Macromolecules</i> , 2019, 134, 613-621.	3.6	11
115	Inflammation and coagulation crosstalk induced by BJcuL, a galactose-binding lectin isolated from <i>Bothrops jararacussu</i> snake venom. <i>International Journal of Biological Macromolecules</i> , 2020, 144, 296-304.	3.6	11
116	CR-LAAO causes genotoxic damage in HepG2 tumor cells by oxidative stress. <i>Toxicology</i> , 2018, 404-405, 42-48.	2.0	10
117	A comparative study on the leishmanicidal activity of the L-amino acid oxidases BjuL and BmooL isolated from Brazilian <i>Bothrops</i> snake venoms. <i>International Journal of Biological Macromolecules</i> , 2021, 167, 267-278.	3.6	10
118	Isolation of toxin TsTX-VI from <i>Tityus serrulatus</i> scorpion venom. Effects on the release of neurotransmitters from synaptosomes. <i>IUBMB Life</i> , 1996, 39, 729-740.	1.5	9
119	Isolation and characterization of a novel metalloprotease inhibitor from <i>Bothrops alternatus</i> snake serum. <i>International Journal of Biological Macromolecules</i> , 2017, 98, 436-446.	3.6	9
120	A Synthetic Snake-Venom-Based Tripeptide Protects PC12 Cells from the Neurotoxicity of Acrolein by Improving Axonal Plasticity and Bioenergetics. <i>Neurotoxicity Research</i> , 2020, 37, 227-237.	1.3	9
121	Towards toxin PEGylation: The example of rCollinein-1, a snake venom thrombin-like enzyme, as a PEGylated biopharmaceutical prototype. <i>International Journal of Biological Macromolecules</i> , 2021, 190, 564-573.	3.6	9
122	Antineurotoxic activity of <i>Galactia glaucescens</i> against <i>Crotalus durissus terrificus</i> venom. <i>FÁ-toterapÁ-Áç</i> , 2008, 79, 378-380.	1.1	8
123	Crotoxin, a neurotoxin from <i>Crotalus durissus terrificus</i> snake venom, as a potential tool against thrombosis development. <i>International Journal of Biological Macromolecules</i> , 2019, 134, 653-659.	3.6	8
124	Role of crotoxin in coagulation: novel insights into anticoagulant mechanisms and impairment of inflammation-induced coagulation. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2020, 26, e20200076.	0.8	8
125	Crotoxin-Induced Mice Lung Impairment: Role of Nicotinic Acetylcholine Receptors and COX-Derived Prostanoids. <i>Biomolecules</i> , 2020, 10, 794.	1.8	8
126	Structural and binding studies of a C-type galactose-binding lectin from <i>Bothrops jararacussu</i> snake venom. <i>Toxicon</i> , 2017, 126, 59-69.	0.8	7

#	ARTICLE	IF	CITATIONS
127	BjussuLAAO-II induces cytotoxicity and alters DNA methylation of cell-cycle genes in monocultured/co-cultured HepG2 cells. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2019, 25, e147618.	0.8	7
128	Unraveling the structure and function of CdcPDE: A novel phosphodiesterase from <i>Crotalus durissus collilineatus</i> snake venom. <i>International Journal of Biological Macromolecules</i> , 2021, 178, 180-192.	3.6	7
129	A rational protocol for the successful crystallization of L-amino-acid oxidase from <i>Bothrops atrox</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011, 67, 475-478.	0.7	4
130	Antivenomic approach of different <i>Crotalus durissus collilineatus</i> venoms. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2018, 24, 34.	0.8	4
131	Immunomodulatory actions and epigenetic alterations induced by proteases from <i>Bothrops</i> snake venoms in human immune cells. <i>Toxicology in Vitro</i> , 2019, 61, 104586.	1.1	4
132	Assignment of the disulfide bridges in bothropstoxin-I, a myonecrotic Lys49 PLA2 homolog from <i>Bothrops jararacussu</i> snake venom. <i>The Protein Journal</i> , 2001, 20, 377-382.	1.1	3
133	<i>Bothrops moojeni</i> venom and BmooLAAO-I downmodulate CXCL8/IL-8 and CCL2/MCP-1 production and oxidative burst response, and upregulate CD11b expression in human neutrophils. <i>International Immunopharmacology</i> , 2020, 80, 106154.	1.7	3
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137	Pegylating toxins: A new trend in toxinology? A successful example of a PEGylated snake venom serine protease. <i>Toxicon</i> , 2020, 177, S58-S59.	0.8	0