Suely V Sampaio

List of Publications by Year
in descending order

137 papers	4,623 citations	76326 40 h-index	144013 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. Current Medicinal Chemistry, 2005, 12, 2625-2641.	2.4	181
2	Rosmarinic acid, a new snake venom phospholipase A2 inhibitor from Cordia verbenacea (Boraginaceae): antiserum action potentiation and molecular interaction. Toxicon, 2005, 46, 318-327.	1.6	150
3	Biochemical and functional characterization of an l-amino acid oxidase isolated from Bothrops pirajai snake venom. Bioorganic and Medicinal Chemistry, 2006, 14, 7034-7043.	3.0	118
4	A hyaluronidase from Tityus serrulatus scorpion venom: isolation, characterization and inhibition by flavonoids. Toxicon, 2001, 39, 1495-1504.	1.6	102
5	Isolation and characterization of toxic proteins from the venom of the Brazilian scorpion Tityus serrulatus. Toxicon, 1983, 21, 265-277.	1.6	96
6	Evidence of caspase-mediated apoptosis induced by l-amino acid oxidase isolated from Bothrops atrox snake venom. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2008, 151, 542-550.	1.8	92
7	Biochemical and histopathological alterations induced in rats by Tityus serrulatus scorpion venom and its major neurotoxin tityustoxin-I. Toxicon, 1997, 35, 1053-1067.	1.6	91
8	Myotoxic phospholipases A2 isolated from Bothrops brazili snake venom and synthetic peptides derived from their C-terminal region: Cytotoxic effect on microorganism and tumor cells. Peptides, 2008, 29, 1645-1656.	2.4	89
9	Cytotoxic l-amino acid oxidase from Bothrops moojeni: Biochemical and functional characterization. International Journal of Biological Macromolecules, 2007, 41, 132-140.	7.5	87
10	Batroxase, a new metalloproteinase from B. atrox snake venom with strong fibrinolytic activity. Toxicon, 2012, 60, 70-82.	1.6	85
11	Neo-clerodane diterpenoid, a new metalloprotease snake venom inhibitor from Baccharis trimera (Asteraceae): anti-proteolytic and anti-hemorrhagic properties. Chemico-Biological Interactions, 2004, 150, 243-251.	4.0	75
12	Crotoxin and phospholipases A2 from Crotalus durissus terrificus showed antiviral activity against dengue and yellow fever viruses. Toxicon, 2012, 59, 507-515.	1.6	75
13	Snake venom L-amino acid oxidases: an overview on their antitumor effects. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2014, 20, 23.	1.4	75
14	Anticoagulant and antifibrinogenolytic properties of the aqueous extract from Bauhinia forficata against snake venoms. Journal of Ethnopharmacology, 2005, 98, 213-216.	4.1	74
15	A new acidic myotoxic, anti-platelet and prostaglandin I2 inductor phospholipase A2 isolated from Bothrops moojeni snake venom. Toxicon, 2008, 52, 908-917.	1.6	71
16	A simplified procedure for the fractionation of Tityus serrulatus venom: Isolation and partial characterization of TsTX-IV, a new neurotoxin. Toxicon, 1989, 27, 907-916.	1.6	69
17	Tityus serrulatus venom and toxins Ts1, Ts2 and Ts6 induce macrophage activation and production of immune mediators. Toxicon, 2011, 57, 1101-1108.	1.6	68
18	Inhibition of the Lethal and Myotoxic Activities of Crotalus durissus terrificus Venom by Tabernaemontana catharinensis: Identification of One of the Active Components. Planta Medica, 2000, 66, 424-428.	1.3	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. Pflugers Archiv European Journal of Physiology, 1984, 400, 22-27.	2.8	64
20	Triterpenoid saponins, new metalloprotease snake venom inhibitors isolated from Pentaclethra macroloba. Toxicon, 2007, 50, 283-291.	1.6	64
21	Chemical constituents from Tabernaemontana catharinensis root bark: a brief NMR review of indole alkaloids and in vitro cytotoxicity. Quimica Nova, 2008, 31, 20-24.	0.3	63
22	Antihemorrhagic, antinucleolytic and other antiophidian properties of the aqueous extract from Pentaclethra macroloba. Journal of Ethnopharmacology, 2005, 100, 145-152.	4.1	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. Biologicals, 2009, 37, 222-229.	1.4	57
24	Cell cycle arrest evidence, parasiticidal and bactericidal properties induced by l-amino acid oxidase from Bothrops atrox snake venom. Biochimie, 2011, 93, 941-947.	2.6	55
25	Phospholipase A2 Isolated from the Venom of Crotalus durissus terrificus Inactivates Dengue virus and Other Enveloped Viruses by Disrupting the Viral Envelope. PLoS ONE, 2014, 9, e112351.	2.5	53
26	Hyaluronidase recruits mesenchymal-like cells to the lung and ameliorates fibrosis. Fibrogenesis and Tissue Repair, 2011, 4, 3.	3.4	50
27	Molecular approaches for structural characterization of Bothropsl-amino acid oxidases with antiprotozoal activity: cDNA cloning, comparative sequence analysis, and molecular modeling. Biochemical and Biophysical Research Communications, 2007, 355, 302-306.	2.1	48
28	Proteopeptidomic, Functional and Immunoreactivity Characterization of Bothrops moojeni Snake Venom: Influence of Snake Gender on Venom Composition. Toxins, 2018, 10, 177.	3.4	48
29	Snake Venom Phospholipases A2: A New Class of Antitumor Agents. Protein and Peptide Letters, 2009, 16, 894-898.	0.9	47
30	Ts6 and Ts2 from Tityus serrulatus venom induce inflammation by mechanisms dependent on lipid mediators and cytokine production. Toxicon, 2013, 61, 1-10.	1.6	47
31	Antitumoural Effect of an l-Amino Acid Oxidase Isolated from Bothrops jararaca Snake Venom. Basic and Clinical Pharmacology and Toxicology, 2008, 102, 533-542.	2.5	46
32	Isolation, characterization and biological activity of acidic phospholipase A2 isoforms from Bothrops jararacussu snake venom. Biochimie, 2003, 85, 983-991.	2.6	45
33	Evaluating the microbicidal, antiparasitic and antitumor effects of CR-LAAO from Calloselasma rhodostoma venom. International Journal of Biological Macromolecules, 2015, 80, 489-497.	7.5	44
34	CR-LAAO, an L-amino acid oxidase from Calloselasma rhodostoma venom, as a potential tool for developing novel immunotherapeutic strategies against cancer. Scientific Reports, 2017, 7, 42673.	3.3	44
35	Effects of voltage-gated Na+ channel toxins from Tityus serrulatus venom on rat arterial blood pressure and plasma catecholamines. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2005, 141, 85-92.	2.6	43
36	Proteomic analysis of Bothrops pirajai snake venom and characterization of BpirMP, a new P-I metalloproteinase. Journal of Proteomics, 2013, 80, 250-267.	2.4	43

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37	Effects of two serine proteases from Bothrops pirajai snake venom on the complement system and the inflammatory response. International Immunopharmacology, 2013, 15, 764-771.	3.8	43
38	A new hemorrhagic metalloprotease from Bothrops jararacussu snake venom: isolation and biochemical characterization. Toxicon, 2004, 44, 215-223.	1.6	42
39	Global proteomic and functional analysis of Crotalus durissus collilineatus individual venom variation and its impact on envenoming. Journal of Proteomics, 2019, 191, 153-165.	2.4	42
40	Biochemical characterization and comparative analysis of two distinct serine proteases from Bothrops pirajai snake venom. Biochimie, 2012, 94, 2545-2558.	2.6	41
41	Molecular Dynamics, Flexible Docking, Virtual Screening, ADMET Predictions, and Molecular Interaction Field Studies to Design Novel Potential MAO-B Inhibitors. Journal of Biomolecular Structure and Dynamics, 2008, 25, 347-355.	3.5	40
42	Inflammatory mediators involved in the paw edema and hyperalgesia induced by Batroxase, a metalloproteinase isolated from Bothrops atrox snake venom. International Immunopharmacology, 2015, 28, 199-207.	3.8	40
43	The complete amino acid sequence of toxin TsTX-VI isolated from the venom of the scorpionTityus serrulatus. The Protein Journal, 1990, 9, 595-601.	1.1	39
44	Antitumor potential of the myotoxin BthTX-I from Bothrops jararacussu snake venom: evaluation of cell cycle alterations and death mechanisms induced in tumor cell lines. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2015, 21, 44.	1.4	39
45	Molecular characterization of an acidic phospholipase A2 from Bothrops pirajai snake venom: synthetic C-terminal peptide identifies its antiplatelet region. Archives of Toxicology, 2011, 85, 1219-1233.	4.2	38
46	Inhibition of the myotoxic activity of Bothrops jararacussu venom and its two major myotoxins, BthTX-I and BthTX-II, by the aqueous extract of Tabernaemontana catharinensis A. DC. (Apocynaceae). Phytomedicine, 2005, 12, 123-130.	5.3	37
47	BjussuSP-I: A new thrombin-like enzyme isolated from Bothrops jararacussu snake venom. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2008, 151, 443-454.	1.8	37
48	Computer-aided Drug Design of Novel PLA2Inhibitor Candidates for Treatment of Snakebite. Journal of Biomolecular Structure and Dynamics, 2009, 27, 27-35.	3.5	37
49	Evaluation of the effect of aqueous extract of Croton urucurana Baillon (Euphorbiaceae) on the hemorrhagic activity induced by the venom of Bothrops jararaca, using new techniques to quantify hemorrhagic activity in rat skin. Phytomedicine, 2005, 12, 570-576.	5.3	34
50	Immune cells and mediators involved in the inflammatory responses induced by a P-I metalloprotease and a phospholipase A2 from Bothrops atrox venom. Molecular Immunology, 2017, 85, 238-247.	2.2	34
51	Snake Venom L-Amino Acid Oxidases: Some Consideration About their Functional Characterization. Protein and Peptide Letters, 2009, 16, 908-912.	0.9	33
52	Further characterization of toxins T1IV (TsTX-III) and T2IV from Tityus serrulatus scorpion venom. Toxicon, 1991, 29, 663-672.	1.6	32
53	A new l-amino acid oxidase from Bothrops jararacussu snake venom: Isolation, partial characterization, and assessment of pro-apoptotic and antiprotozoal activities. International Journal of Biological Macromolecules, 2017, 103, 25-35.	7.5	31
54	Cytotoxic and inflammatory potential of a phospholipase A2 from Bothrops jararaca snake venom. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2018, 24, 33.	1.4	31

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55	Crystal structure of a myotoxic Asp49-phospholipase A2 with low catalytic activity: Insights into Ca2+-independent catalytic mechanism. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2008, 1784, 591-599.	2.3	30
56	Lâ€Amino Acid Oxidase Isolated from <scp>B</scp>othrops pirajai Induces Apoptosis in <scp>BCR</scp>â€<scp>ABL</scp>â€Positive Cells and Potentiates Imatinib Mesylate Effect. Basic and Clinical Pharmacology and Toxicology, 2013, 113, 103-112.	2.5	30
57	Evaluation of the local inflammatory events induced by BpirMP, a metalloproteinase from Bothrops pirajai venom. Molecular Immunology, 2015, 68, 456-464.	2.2	30
58	Isolation and characterization of TsTX-V, a new neurotoxin from tityus serrulatus scorpion venom which delays the inactivation of NA+ channels. Biochimica Et Biophysica Acta - General Subjects, 1994, 1199, 69-75.	2.4	29
59	Investigating possible biological targets of Bj-CRP, the first cysteine-rich secretory protein (CRISP) isolated from Bothrops jararaca snake venom. Toxicology Letters, 2017, 265, 156-169.	0.8	29
60	Sacha inchi seeds from sub-tropical cultivation: effects of roasting on antinutrients, antioxidant capacity and oxidative stability. Journal of Food Science and Technology, 2018, 55, 4159-4166.	2.8	29
61	Anticrotalic and antitumoral activities of gel filtration fractions of aqueous extract from Tabernaemontana catharinensis (Apocynaceae). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2004, 137, 19-27.	2.6	28
62	Insulin-like effects of Bauhinia forficata aqueous extract upon Tityus serrulatus scorpion envenoming. Journal of Ethnopharmacology, 2004, 95, 385-392.	4.1	28
63	Expression of ion channels during differentiation of a human skeletal muscle cell line. Journal of Muscle Research and Cell Motility, 1997, 18, 587-598.	2.0	27
64	Molecular characterization and phylogenetic analysis of BjussuMP-I: A RGD-P-III class hemorrhagic metalloprotease from Bothrops jararacussu snake venom. Journal of Molecular Graphics and Modelling, 2007, 26, 69-85.	2.4	27
65	Snake venom galactoside-binding lectins: a structural and functional overview. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2015, 21, 35.	1.4	27
66	Chikungunya virus entry is strongly inhibited by phospholipase A2 isolated from the venom of Crotalus durissus terrificus. Scientific Reports, 2021, 11, 8717.	3.3	27
67	Moojenactivase, a novel pro-coagulant PIIId metalloprotease isolated from Bothrops moojeni snake venom, activates coagulation factors II and X and induces tissue factor up-regulation in leukocytes. Archives of Toxicology, 2016, 90, 1261-1278.	4.2	26
68	Purification procedure for the isolation of a P-I metalloprotease and an acidic phospholipase A2 from Bothrops atrox snake venom. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2015, 21, 28.	1.4	25
69	CR-LAAO antileukemic effect against Bcr-Abl + cells is mediated by apoptosis and hydrogen peroxide. International Journal of Biological Macromolecules, 2016, 86, 309-320.	7.5	25
70	Multiple effects of toxins isolated from Crotalus durissus terrificus on the hepatitis C virus life cycle. PLoS ONE, 2017, 12, e0187857.	2.5	25
71	An overview of the immune modulating effects of enzymatic toxins from snake venoms. International Journal of Biological Macromolecules, 2018, 109, 664-671.	7.5	25
72	Isolation and characterization of moojenin, an acid-active, anticoagulant metalloproteinase from Bothrops moojeni venom. Toxicon, 2012, 60, 1251-1258.	1.6	24

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73	Molecular characterization of BjussuSP-I, a new thrombin-like enzyme with procoagulant and kallikrein-like activity isolated from Bothrops jararacussu snake venom. Biochimie, 2008, 90, 500-507.	2.6	23
74	Beyond hemostasis: a snake venom serine protease with potassium channel blocking and potential antitumor activities. Scientific Reports, 2020, 10, 4476.	3.3	23
75	Immunomodulatory activity of Tityus serrulatus scorpion venom on human T lymphocytes. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2015, 21, 46.	1.4	22
76	New findings from the first transcriptome of the Bothrops moojeni snake venom gland. Toxicon, 2017, 140, 105-117.	1.6	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. International Journal of Biological Macromolecules, 2019, 127, 425-432.	7.5	22
78	Purification and Characterization of Jararassin-I, A Thrombin-like Enzyme from Bothrops jararaca Snake Venom. Acta Biochimica Et Biophysica Sinica, 2004, 36, 798-802.	2.0	21
79	Functional and structural analysis of two fibrinogen-activating enzymes isolated from the venoms of <italic>Crotalus durissus terrificus</italic> and <italic>Crotalus durissus collilineatus</italic>. Acta Biochimica Et Biophysica Sinica, 2009, 41, 21-29.	2.0	21
80	Immunotherapeutic potential of Crotoxin: anti-inflammatory and immunosuppressive properties. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2018, 24, 39.	1.4	21
81	BthTX-I from Bothrops jararacussu induces apoptosis in human breast cancer cell lines and decreases cancer stem cell subpopulation. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2019, 25, e20190010.	1.4	21
82	Galatrox is a C-type lectin in Bothrops atrox snake venom that selectively binds LacNAc-terminated glycans and can induce acute inflammation. Glycobiology, 2014, 24, 1010-1021.	2.5	20
83	Expression, purification and virucidal activity of two recombinant isoforms of phospholipase A2 from Crotalus durissus terrificus venom. Archives of Virology, 2019, 164, 1159-1171.	2.1	20
84	The toxin BjussuLAAO-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. International Journal of Biological Macromolecules, 2018, 109, 212-219.	7.5	19
85	Isolation and characterization of a new clotting factor from Bothrops jararacussu (jararacuÃ§u) venom. Toxicon, 1997, 35, 1043-1052.	1.6	18
86	Bothrops snake venoms and their isolated toxins, an L-amino acid oxidase and a serine protease, modulate human complement system pathways. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2015, 21, 29.	1.4	18
87	BIOCHEMICAL AND HEMATOLOGICAL SIDE EFFECTS OF CLOFAZIMINE IN LEPROSY PATIENTS. Pharmacological Research, 2002, 46, 191-194.	7.1	17
88	Isolation, functional, and partial biochemical characterization of galatrox, an acidic lectin from Bothrops atrox snake venom. Acta Biochimica Et Biophysica Sinica, 2011, 43, 181-192.	2.0	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. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2014, 1844, 545-552.	2.3	17
90	A synthetic snake-venom-based tripeptide (Glu-Val-Trp) protects PC12 cells from MPP + toxicity by activating the NGF-signaling pathway. Peptides, 2018, 104, 24-34.	2.4	17

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91	New Insights on Moojase, a Thrombin-Like Serine Protease from Bothrops moojeni Snake Venom. Toxins, 2018, 10, 500.	3.4	17
92	LTB4 and PGE2 modulate the release of MIP-1Î± and IL-1Î² by cells stimulated with Bothrops snake venoms. Toxicon, 2018, 150, 289-296.	1.6	17
93	A tripeptide isolated from Bothrops atrox venom has neuroprotective and neurotrophic effects on a cellular model of Parkinsonâ€™s disease. Chemico-Biological Interactions, 2015, 235, 10-16.	4.0	16
94	Evaluation of the inÂvivo thrombolytic activity of a metalloprotease from Bothrops atrox venom using a model of venous thrombosis. Toxicon, 2016, 109, 18-25.	1.6	16
95	Crystal structure and molecular dynamics studies of L-amino acid oxidase from Bothrops atrox. Toxicon, 2017, 128, 50-59.	1.6	16
96	Effects of the venom of the Brazilian scorpion Tityus serrulatus and two of its fractions on the isolated diaphragm of the rat. General Pharmacology, 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. Toxicon, 2010, 56, 86-92.	1.6	15
98	The L-amino acid oxidase from Calloselasma rhodostoma snake venom modulates apoptomiRs expression in Bcr-Abl-positive cell lines. Toxicon, 2016, 120, 9-14.	1.6	15
99	Cytotoxic and pro-apoptotic action of MjTX-I, a phospholipase A2 isolated from Bothrops moojeni snake venom, towards leukemic cells. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2018, 24, 40.	1.4	15
100	BjSP, a novel serine protease from Bothrops jararaca snake venom that degrades fibrinogen without forming fibrin clots. Toxicology and Applied Pharmacology, 2018, 357, 50-61.	2.8	15
101	What is tityustoxin?. Toxicon, 1992, 30, 786-789.	1.6	14
102	Microbial transformation of the sesquiterpene lactone tagitinin C by the fungus Aspergillus terreus. Journal of Industrial Microbiology and Biotechnology, 2012, 39, 1719-1724.	3.0	14
103	L-Methionine inhibits growth of human pancreatic cancer cells. Anti-Cancer Drugs, 2014, 25, 200-203.	1.4	14
104	l-Amino acid oxidase isolated from Calloselasma rhodostoma snake venom induces cytotoxicity and apoptosis in JAK2V617F-positive cell lines. Revista Brasileira De Hematologia E Hemoterapia, 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. Molecular Immunology, 2016, 80, 91-100.	2.2	14
106	Phospholipase A2 Inhibitors Isolated From Medicinal Plants: Alternative Treatment Against Snakebites. Mini-Reviews in Medicinal Chemistry, 2013, 13, 1348-1356.	2.4	14
107	Heterologous expression and biochemical and functional characterization of a recombinant alpha-type myotoxin inhibitor from Bothrops alternatus snake. Biochimie, 2014, 105, 119-128.	2.6	13
108	Antithrombotic activity of Batroxase, a metalloprotease from Bothrops atrox venom, in a model of venous thrombosis. International Journal of Biological Macromolecules, 2017, 95, 263-267.	7.5	13

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109	First report on BaltCRP, a cysteine-rich secretory protein (CRISP) from Bothrops alternatus venom: Effects on potassium channels and inflammatory processes. International Journal of Biological Macromolecules, 2019, 140, 556-567.	7.5	13
110	Bothrops moojeni L-amino acid oxidase induces apoptosis and epigenetic modulation on Bcr-Abl+ cells. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2020, 26, e20200123.	1.4	13
111	Unusual biotransformation products of the sesquiterpene lactone budlein A by Aspergillus species. Phytochemistry, 2013, 96, 92-100.	2.9	12
112	Disseminated intravascular coagulation caused by moojenactivase, a procoagulant snake venom metalloprotease. International Journal of Biological Macromolecules, 2017, 103, 1077-1086.	7.5	12
113	Kinetic investigations and stability studies of two Bothrops L-amino acid oxidases. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2018, 24, 37.	1.4	11
114	Effects of crotoxin, a neurotoxin from Crotalus durissus terrificus snake venom, on human endothelial cells. International Journal of Biological Macromolecules, 2019, 134, 613-621.	7.5	11
115	Inflammation and coagulation crosstalk induced by BJcuL, a galactose-binding lectin isolated from Bothrops jararacussu snake venom. International Journal of Biological Macromolecules, 2020, 144, 296-304.	7.5	11
116	CR-LAAO causes genotoxic damage in HepG2 tumor cells by oxidative stress. Toxicology, 2018, 404-405, 42-48.	4.2	10
117	A comparative study on the leishmanicidal activity of the L-amino acid oxidases BjussuLAAO-II and BmooLAAO-II isolated from Brazilian Bothrops snake venoms. International Journal of Biological Macromolecules, 2021, 167, 267-278.	7.5	10
118	Isolation of toxin TsTX-VI from Tityus serrulatus scorpion venom. Effects on the release of neurotransmitters from synaptosomes. IUBMB Life, 1996, 39, 729-740.	3.4	9
119	Isolation and characterization of a novel metalloprotease inhibitor from Bothrops alternatus snake serum. International Journal of Biological Macromolecules, 2017, 98, 436-446.	7.5	9
120	A Synthetic Snake-Venom-Based Tripeptide Protects PC12 Cells from the Neurotoxicity of Acrolein by Improving Axonal Plasticity and Bioenergetics. Neurotoxicity Research, 2020, 37, 227-237.	2.7	9
121	Towards toxin PEGylation: The example of rCollinein-1, a snake venom thrombin-like enzyme, as a PEGylated biopharmaceutical prototype. International Journal of Biological Macromolecules, 2021, 190, 564-573.	7.5	9
122	Antineurotoxic activity of Galactia glaucescens against Crotalus durissus terrificus venom. FÃ¬toterapÃ¬Ã¢, 2008, 79, 378-380.	2.2	8
123	Crotoxin, a neurotoxin from Crotalus durissus terrificus snake venom, as a potential tool against thrombosis development. International Journal of Biological Macromolecules, 2019, 134, 653-659.	7.5	8
124	Role of crotoxin in coagulation: novel insights into anticoagulant mechanisms and impairment of inflammation-induced coagulation. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2020, 26, e20200076.	1.4	8
125	Crotoxin-Induced Mice Lung Impairment: Role of Nicotinic Acetylcholine Receptors and COX-Derived Prostanoids. Biomolecules, 2020, 10, 794.	4.0	8
126	Structural and binding studies of a C-type galactose-binding lectin from Bothrops jararacussu snake venom. Toxicon, 2017, 126, 59-69.	1.6	7

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127	BjussuLAAO-II induces cytotoxicity and alters DNA methylation of cell-cycle genes in monocultured/co-cultured HepG2 cells. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2019, 25, e147618.	1.4	7
128	Unraveling the structure and function of CdcPDE: A novel phosphodiesterase from Crotalus durissus collilineatus snake venom. International Journal of Biological Macromolecules, 2021, 178, 180-192.	7.5	7
129	A rational protocol for the successful crystallization ofL-amino-acid oxidase fromBothrops atrox. Acta Crystallographica Section F: Structural Biology Communications, 2011, 67, 475-478.	0.7	4
130	Antivenomic approach of different Crotalus durissus collilineatus venoms. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2018, 24, 34.	1.4	4
131	Immunomodulatory actions and epigenetic alterations induced by proteases from Bothrops snake venoms in human immune cells. Toxicology in Vitro, 2019, 61, 104586.	2.4	4
132	Assignment of the disulfide bridges in bothropstoxin-I, a myonecrotic Lys49 PLA2 homolog from Bothrops jararacussu snake venom. The Protein Journal, 2001, 20, 377-382.	1.1	3
133	Bothrops moojeni venom and BmooLAAO-I downmodulate CXCL8/IL-8 and CCL2/MCP-1 production and oxidative burst response, and upregulate CD11b expression in human neutrophils. International Immunopharmacology, 2020, 80, 106154.	3.8	3
134	PotencializaÃ§Ã£o do efeito metemoglobinizante da dapsona em ratos pela N-acetilcisteÃna. BJPS: Brazilian Journal of Pharmaceutical Sciences, 2008, 44, 97-104.	0.5	3
135	rBaltMIP, a recombinant alpha-type myotoxin inhibitor from Bothrops alternatus (Rhinocerophis) Tj ETQq1 1 0.784314 rgBT /Overlock 1 53-62.	1.6	2
136	TsTXâ€VII, a new toxin from Tityus serrulatus scorpion venom able to induce the release of neurotransmitters from rat brain synaptosomes not blocked by tetrodotoxin. IUBMB Life, 1997, 41, 1255-1263.	3.4	0
137	Pegylating toxins: A new trend in toxinology? A successful example of a PEGylated snake venom serine protease. Toxicon, 2020, 177, S58-S59.	1.6	0