

# Andreimar M Soares

## List of Publications by Year in descending order

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237  
papers

8,211  
citations

38742

50  
h-index

79698

73  
g-index

244  
all docs

244  
docs citations

244  
times ranked

3856  
citing authors

#	ARTICLE	IF	CITATIONS
1	Medicinal Plants with Inhibitory Properties Against Snake Venoms. <i>Current Medicinal Chemistry</i> , 2005, 12, 2625-2641.	2.4	181
2	Structural and Functional Characterization of BnSP-7, a Lys49 Myotoxic Phospholipase A2 Homologue from <i>Bothrops neuwiedi pauloensis</i> Venom. <i>Archives of Biochemistry and Biophysics</i> , 2000, 378, 201-209.	3.0	158
3	Myotoxic phospholipases A2 in <i>Bothrops</i> snake venoms: Effect of chemical modifications on the enzymatic and pharmacological properties of bothropstoxins from <i>Bothrops jararacussu</i> . <i>Biochimie</i> , 2000, 82, 755-763.	2.6	151
4	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.	1.6	150
5	Snake venomomics and antivenomics of <i>Crotalus durissus</i> subspecies from Brazil: Assessment of geographic variation and its implication on snakebite management. <i>Journal of Proteomics</i> , 2010, 73, 1758-1776.	2.4	149
6	Structural and Functional Characterization of Neuwiedase, a Nonhemorrhagic Fibrin(ogen)olytic Metalloprotease from <i>Bothrops neuwiedi</i> Snake Venom. <i>Archives of Biochemistry and Biophysics</i> , 2000, 381, 213-224.	3.0	141
7	Snake Venom L-Amino Acid Oxidases: Trends in Pharmacology and Biochemistry. <i>BioMed Research International</i> , 2014, 2014, 1-19.	1.9	135
8	Antitumoral Activity of Snake Venom Proteins: New Trends in Cancer Therapy. <i>BioMed Research International</i> , 2014, 2014, 1-19.	1.9	131
9	Chemical modifications of phospholipases A2 from snake venoms: effects on catalytic and pharmacological properties. <i>Toxicon</i> , 2003, 42, 855-868.	1.6	120
10	Platelet aggregation and antibacterial effects of an L-amino acid oxidase purified from <i>Bothrops alternatus</i> snake venom. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 2881-2886.	3.0	120
11	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.	3.0	118
12	A rapid procedure for the isolation of the Lys-49 myotoxin II from <i>Bothrops moojeni</i> (caissaca) venom: Biochemical characterization, crystallization, myotoxic and edematogenic activity. <i>Toxicon</i> , 1998, 36, 503-514.	1.6	105
13	Effects of aqueous extract of <i>Casearia sylvestris</i> (Flacourtiaceae) on actions of snake and bee venoms and on activity of phospholipases A2. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2000, 127, 21-30.	1.6	104
14	Structural and functional characterization of an acidic platelet aggregation inhibitor and hypotensive phospholipase A2 from <i>Bothrops jararacussu</i> snake venom. <i>Biochemical Pharmacology</i> , 2002, 64, 723-732.	4.4	104
15	<i>Tityus serrulatus</i> Scorpion Venom and Toxins: An Overview. <i>Protein and Peptide Letters</i> , 2009, 16, 920-932.	0.9	99
16	Dissociation of Enzymatic and Pharmacological Properties of Piratoxins-I and -III, Two Myotoxic Phospholipases A2 from <i>Bothrops pirajai</i> Snake Venom. <i>Archives of Biochemistry and Biophysics</i> , 2001, 387, 188-196.	3.0	98
17	<a href="#">Bothrops jararacussu venomous gland transcriptome focusing on structural and functional aspects</a> 11All sequence data reported in this paper will appear in the GenBank database under the following accession numbers: BOJU-I (AY 185200), BOJU-II (AY 185206), BOJU-III (AY 145836), BOJUMET-I (AY 55005), BOJUMET-II (AY 25584), BOJUMET-III (AY 258153), C-type lectin (AY 251283), serine-proteases (AY 251282).; lâ€ gene expression profile of highly expressed phospholipases A2. <i>Biochimie</i> , 2004, 86, 211-219.	2.6	96
18	Structural and Functional Characterization of Myotoxin I, a Lys49 Phospholipase A2 Homologue from <i>Bothrops moojeni</i> (Caissaca) Snake Venom. <i>Archives of Biochemistry and Biophysics</i> , 2000, 373, 7-15.	3.0	95

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19	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 &amp; Integrative Physiology</i> , 2008, 151, 542-550.	1.8	92
20	Neutralization of proteases from <i>Bothrops</i> snake venoms by the aqueous extract from <i>Casearia sylvestris</i> (Flacourtiaceae). <i>Toxicon</i> , 2001, 39, 1863-1869.	1.6	90
21	Structural and functional properties of Bp-LAAO, a new l-amino acid oxidase isolated from <i>Bothrops pauloensis</i> snake venom. <i>Biochimie</i> , 2009, 91, 490-501.	2.6	90
22	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.	2.4	89
23	Phospholipase A2 Myotoxins from <i>Bothrops</i> Snake Venoms: Structure- Function Relationship. <i>Current Organic Chemistry</i> , 2004, 8, 1677-1690.	1.6	88
24	Snake Venom Phospholipase A2 Inhibitors: Medicinal Chemistry and Therapeutic Potential. <i>Current Topics in Medicinal Chemistry</i> , 2007, 7, 743-756.	2.1	87
25	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.	7.5	87
26	The analgesic activity of crostamine, a neurotoxin from <i>Crotalus durissus terrificus</i> (South American) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.6	78
27	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.	4.0	75
28	Anticoagulant and antifibrinolytic properties of the aqueous extract from <i>Bauhinia forficata</i> against snake venoms. <i>Journal of Ethnopharmacology</i> , 2005, 98, 213-216.	4.1	74
29	Effects of chemical modifications of crotoxin B, the phospholipase A2 subunit of crotoxin from <i>Crotalus durissus terrificus</i> snake venom, on its enzymatic and pharmacological activities. <i>International Journal of Biochemistry and Cell Biology</i> , 2001, 33, 877-888.	2.8	73
30	A new acidic myotoxic, anti-platelet and prostaglandin I2 inductor phospholipase A2 isolated from <i>Bothrops moojeni</i> snake venom. <i>Toxicon</i> , 2008, 52, 908-917.	1.6	71
31	Neutralization of snake venom phospholipase A2 toxins by aqueous extract of <i>Casearia sylvestris</i> (Flacourtiaceae) in mouse neuromuscular preparation. <i>Journal of Ethnopharmacology</i> , 2007, 112, 490-497.	4.1	69
32	Inhibition of Snake Venoms and Phospholipases A <sub>2</sub> by Extracts from Native and Genetically Modified <i>Eclipta alba</i> : Isolation of Active Coumestans. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2009, 104, 293-299.	2.5	69
33	Antiphidid properties of the aqueous extract of <i>Mikania glomerata</i> . <i>Journal of Ethnopharmacology</i> , 2005, 102, 364-370.	4.1	68
34	The chemistry of snake venom and its medicinal potential. <i>Nature Reviews Chemistry</i> , 2022, 6, 451-469.	30.2	68
35	Crystal structures of BnSP-7 and BnSP-6, two Lys49-phospholipases A2: quaternary structure and inhibition mechanism insights. <i>Biochemical and Biophysical Research Communications</i> , 2003, 311, 713-720.	2.1	67
36	Isolation and structural characterization of a new fibrin(ogen)olytic metalloproteinase from <i>Bothrops moojeni</i> snake venom. <i>Toxicon</i> , 2008, 51, 574-584.	1.6	65

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37	Pathological alterations induced by neuwiedase, a metalloproteinase isolated from <i>Bothrops neuwiedi</i> snake venom. <i>Biochimie</i> , 2001, 83, 471-479.	2.6	64
38	Triterpenoid saponins, new metalloprotease snake venom inhibitors isolated from <i>Pentaclethra macroloba</i> . <i>Toxicon</i> , 2007, 50, 283-291.	1.6	64
39	Geographic variations in the composition of myotoxins from <i>Bothrops neuwiedi</i> snake venoms: biochemical characterization and biological activity. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 1998, 121, 215-222.	1.8	60
40	Cloning and Identification of a Complete cDNA Coding for a Bactericidal and Antitumoral Acidic Phospholipase A2 from <i>Bothrops jararacussu</i> Venom. <i>Protein Journal</i> , 2004, 23, 273-285.	1.6	60
41	Comparative structural studies on Lys49-phospholipases A2 from <i>Bothrops</i> genus reveal their myotoxic site. <i>Journal of Structural Biology</i> , 2009, 167, 106-116.	2.8	60
42	Inhibition of enzymatic and pharmacological activities of some snake venoms and toxins by <i>Mandevilla velutina</i> (Apocynaceae) aqueous extract. <i>Biochimie</i> , 2003, 85, 1017-1025.	2.6	59
43	Antihemorrhagic, antinucleolytic and other antiophidian properties of the aqueous extract from <i>Pentaclethra macroloba</i> . <i>Journal of Ethnopharmacology</i> , 2005, 100, 145-152.	4.1	59
44	<i>Bothrops moojeni</i> myotoxin-II, a Lys49-phospholipase A2 homologue: An example of function versatility of snake venom proteins. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2006, 142, 371-381.	2.6	59
45	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.	1.4	57
46	Insights into the role of oligomeric state on the biological activities of crotoxin: Crystal structure of a tetrameric phospholipase A <sub>2</sub> formed by two isoforms of crotoxin B from <i>Crotalus durissus terrificus</i> venom. <i>Proteins: Structure, Function and Bioinformatics</i> , 2008, 72, 883-891.	2.6	55
47	Bactericidal and neurotoxic activities of two myotoxic phospholipases A2 from <i>Bothrops neuwiedi pauloensis</i> snake venom. <i>Toxicon</i> , 2004, 44, 305-314.	1.6	53
48	Structural and functional analysis of BmjMIP, a phospholipase A2 myotoxin inhibitor protein from <i>Bothrops moojeni</i> snake plasma. <i>Biochemical and Biophysical Research Communications</i> , 2003, 302, 193-200.	2.1	52
49	Genotoxic effect of <i>Bothrops</i> snake venoms and isolated toxins on human lymphocyte DNA. <i>Toxicon</i> , 2013, 65, 9-14.	1.6	52
50	Biological and enzymatic activities of <i>Micrurus</i> sp. (Coral) snake venoms. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2005, 140, 125-134.	1.8	51
51	Evaluation of three Brazilian antivenom ability to antagonize myonecrosis and hemorrhage induced by <i>Bothrops</i> snake venoms in a mouse model. <i>Toxicon</i> , 2007, 50, 196-205.	1.6	51
52	Structural and Functional Studies of a Bothropic Myotoxin Complexed to Rosmarinic Acid: New Insights into Lys49-PLA2 Inhibition. <i>PLoS ONE</i> , 2011, 6, e28521.	2.5	50
53	Snake Venom PLA <sub>2</sub> 's Inhibitors Isolated from Brazilian Plants: Synthetic and Natural Molecules. <i>BioMed Research International</i> , 2013, 2013, 1-8.	1.9	50
54	Structural insights for fatty acid binding in a Lys49-phospholipase A2: crystal structure of myotoxin II from <i>Bothrops moojeni</i> complexed with stearic acid. <i>Biochimie</i> , 2005, 87, 161-167.	2.6	48

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55	Molecular approaches for structural characterization of Bothrops 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.	2.1	48
56	Snake Venom Phospholipases A2: A New Class of Antitumor Agents. <i>Protein and Peptide Letters</i> , 2009, 16, 894-898.	0.9	47
57	Snake Venom Peptides and Low Mass Proteins: Molecular Tools and Therapeutic Agents. <i>Current Medicinal Chemistry</i> , 2017, 24, 3254-3282.	2.4	47
58	Isolation and functional characterization of a new myotoxic acidic phospholipase A2 from <i>Bothrops pauloensis</i> snake venom. <i>Toxicon</i> , 2007, 50, 153-165.	1.6	46
59	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.	2.5	46
60	Comparison between apo and complexed structures of bothropstoxin-I reveals the role of Lys122 and Ca <sup>2+</sup> -binding loop region for the catalytically inactive Lys49-PLA2s. <i>Journal of Structural Biology</i> , 2010, 171, 31-43.	2.8	46
61	Isolation and expression of a hypotensive and anti-platelet acidic phospholipase A2 from <i>Bothrops moojeni</i> snake venom. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 73, 35-43.	2.8	45
62	Structural, functional, and bioinformatics studies reveal a new snake venom homologue phospholipase A <sub>2</sub> class. <i>Proteins: Structure, Function and Bioinformatics</i> , 2011, 79, 61-78.	2.6	44
63	Neutralizing effects of Brazilian plants against snake venoms. <i>Drugs of the Future</i> , 2004, 29, 1105.	0.1	43
64	Inflammasome NLRP3 activation induced by Convulxin, a C-type lectin-like isolated from <i>Crotalus durissus terrificus</i> snake venom. <i>Scientific Reports</i> , 2022, 12, 4706.	3.3	43
65	A new hemorrhagic metalloprotease from <i>Bothrops jararacussu</i> snake venom: isolation and biochemical characterization. <i>Toxicon</i> , 2004, 44, 215-223.	1.6	42
66	Secretory phospholipases A2 isolated from <i>Bothrops asper</i> and from <i>Crotalus durissus terrificus</i> snake venoms induce distinct mechanisms for biosynthesis of prostaglandins E2 and D2 and expression of cyclooxygenases. <i>Toxicon</i> , 2008, 52, 428-439.	1.6	42
67	BthMP: a new weakly hemorrhagic metalloproteinase from <i>Bothrops moojeni</i> snake venom. <i>Toxicon</i> , 2009, 53, 24-32.	1.6	42
68	Protective Effect of <i>Schizolobium parahyba</i> Flavonoids Against Snake Venoms and Isolated Toxins. <i>Current Topics in Medicinal Chemistry</i> , 2011, 11, 2566-2577.	2.1	41
69	Molecular and functional characterization of a new non-hemorrhagic metalloprotease from <i>Bothrops jararacussu</i> snake venom with antiplatelet activity. <i>Peptides</i> , 2007, 28, 2328-2339.	2.4	40
70	Amino acid sequence of piratoxin-II, a myotoxic Lys49 phospholipase A2 homologue from <i>Bothrops pirajai</i> venom. <i>Biochimie</i> , 2000, 82, 245-250.	2.6	39
71	Biochemical and functional properties of a thrombin-like enzyme isolated from <i>Bothrops pauloensis</i> snake venom. <i>Toxicon</i> , 2009, 54, 725-735.	1.6	39
72	Bhaltarnin: Functional and structural characterization of a new thrombin-like enzyme from <i>Bothrops alternatus</i> snake venom. <i>Toxicon</i> , 2010, 55, 1365-1377.	1.6	39

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73	Evaluation of the genotoxicity of <i>Crotalus durissus terrificus</i> snake venom and its isolated toxins on human lymphocytes. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2011, 724, 59-63.	1.7	39
74	Direct capture of lactoferrin from cheese whey on supermacroporous column of polyacrylamide cryogel with copper ions. <i>Food Chemistry</i> , 2014, 154, 308-314.	8.2	39
75	Inhibition of the Myotoxicity Induced by <i>Bothrops jararacussu</i> Venom and Isolated Phospholipases A2 by Specific Camelid Single-Domain Antibody Fragments. <i>PLoS ONE</i> , 2016, 11, e0151363.	2.5	39
76	<i>Crotalus durissus collilineatus</i> venom gland transcriptome: Analysis of gene expression profile. <i>Biochimie</i> , 2009, 91, 586-595.	2.6	38
77	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.	4.2	38
78	Crystal structure of piratoxin-I: A calcium-independent, myotoxic phospholipase A2-homologue from <i>Bothrops pirajai</i> venom. <i>Toxicon</i> , 1998, 36, 1395-1406.	1.6	37
79	Myotoxic and cytolytic activities of dimeric Lys49 phospholipase A2 homologues are reduced, but not abolished, by a pH-induced dissociation. <i>Toxicon</i> , 2005, 46, 291-296.	1.6	37
80	BjussuSP-I: A new thrombin-like enzyme isolated from <i>Bothrops jararacussu</i> snake venom. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2008, 151, 443-454.	1.8	37
81	Enzymatic and structural characterization of a basic phospholipase A2 from the sea anemone <i>Condylactis gigantea</i> . <i>Biochimie</i> , 2010, 92, 1063-1071.	2.6	37
82	Purification, characterization and crystallization of Jararacussin-I, a fibrinogen-clotting enzyme isolated from the venom of <i>Bothrops jararacussu</i> . <i>Toxicon</i> , 2002, 40, 1307-1312.	1.6	36
83	Effect of L-amino acid oxidase from <i>Calloselasma rhodostoma</i> snake venom on human neutrophils. <i>Toxicon</i> , 2014, 80, 27-37.	1.6	36
84	Epidemiological study of snakebite cases in Brazilian Western Amazonia. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 2018, 51, 338-346.	0.9	36
85	Purification and Biochemical Characterization of Three Myotoxins from <i>Bothrops mattogrossensis</i> Snake Venom with Toxicity against <i>Leishmania</i> and Tumor Cells. <i>BioMed Research International</i> , 2014, 2014, 1-13.	1.9	35
86	Alkylation of myotoxic phospholipases A2 in <i>Bothrops moojeni</i> venom: a promising approach to an enhanced antivenom production. <i>International Journal of Biochemistry and Cell Biology</i> , 2004, 36, 258-270.	2.8	34
87	Amino acid sequence of piratoxin-I, a myotoxin from <i>Bothrops pirajai</i> snake venom, and its biological activity after alkylation with p-bromophenacyl bromide. <i>The Protein Journal</i> , 1998, 17, 713-718.	1.1	33
88	Signal transduction pathways involved in the platelet aggregation induced by a D-49 phospholipase A2 isolated from <i>Bothrops jararacussu</i> snake venom. <i>Biochimie</i> , 2004, 86, 731-739.	2.6	33
89	Crystal structure of a phospholipase A2 homolog complexed with p-bromophenacyl bromide reveals important structural changes associated with the inhibition of myotoxic activity. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2009, 1794, 1583-1590.	2.3	33
90	Snake Venom L-Amino Acid Oxidases: Some Consideration About their Functional Characterization. <i>Protein and Peptide Letters</i> , 2009, 16, 908-912.	0.9	33

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91	Structural bases for a complete myotoxic mechanism: Crystal structures of two non-catalytic phospholipases A2-like from <i>Bothrops brazili</i> venom. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013, 1834, 2772-2781.	2.3	33
92	Structural Basis for the Inhibition of a Phospholipase A2-Like Toxin by Caffeic and Aristolochic Acids. <i>PLoS ONE</i> , 2015, 10, e0133370.	2.5	33
93	Isolation, structural and functional characterization of a new Lys49 phospholipase A2 homologue from <i>Bothrops neuwiedi</i> urutu with bactericidal potential. <i>Toxicon</i> , 2016, 115, 13-21.	1.6	32
94	CoaTx-II, a new dimeric Lys49 phospholipase A2 from <i>Crotalus oreganus abyssus</i> snake venom with bactericidal potential: Insights into its structure and biological roles. <i>Toxicon</i> , 2016, 120, 147-158.	1.6	32
95	Direct organogenesis of <i>Mandevilla illustris</i> (Vell) Woodson and effects of its aqueous extract on the enzymatic and toxic activities of <i>Crotalus durissus terrificus</i> snake venom. <i>Plant Cell Reports</i> , 2004, 22, 549-552.	5.6	30
96	Crystal structure of an acidic platelet aggregation inhibitor and hypotensive phospholipase A2 in the monomeric and dimeric states: insights into its oligomeric state. <i>Biochemical and Biophysical Research Communications</i> , 2004, 323, 24-31.	2.1	30
97	Crystal structure of a myotoxic Asp49-phospholipase A2 with low catalytic activity: Insights into Ca <sup>2+</sup> -independent catalytic mechanism. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2008, 1784, 591-599.	2.3	30
98	Neutralization of Pharmacological and Toxic Activities of <i>Bothrops</i> Snake Venoms by <i>Schizolobium parahyba</i> (Fabaceae) Aqueous Extract and Its Fractions. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008, 103, 104-107.	2.5	30
99	Pharmacological Perspectives of Wasp Venom. <i>Protein and Peptide Letters</i> , 2009, 16, 944-952.	0.9	29
100	Activation of J77A.1 Macrophages by Three Phospholipases A <sub>2</sub> Isolated from <i>Bothrops atrox</i> Snake Venom. <i>BioMed Research International</i> , 2014, 2014, 1-13.	1.9	29
101	Biodiversity as a Source of Bioactive Compounds Against Snakebites. <i>Current Medicinal Chemistry</i> , 2014, 21, 2952-2979.	2.4	29
102	Anti-venom properties of <i>Schizolobium parahyba</i> (Caesalpinoideae) aqueous leaves extract. <i>Phytotherapy Research</i> , 2008, 22, 859-866.	5.8	28
103	Effect of <i>Bothrops bilineata</i> snake venom on neutrophil function. <i>Toxicon</i> , 2013, 76, 143-149.	1.6	28
104	Mechanism of the cytotoxic effect of l-amino acid oxidase isolated from <i>Bothrops alternatus</i> snake venom. <i>International Journal of Biological Macromolecules</i> , 2016, 92, 329-337.	7.5	28
105	An Update on Potential Molecular Mechanisms Underlying the Actions of Snake Venom L-amino Acid Oxidases (LAAOs). <i>Current Medicinal Chemistry</i> , 2018, 25, 2520-2530.	2.4	28
106	Mn <sup>2+</sup> ions reduce the enzymatic and pharmacological activities of bothropstoxin-I, a myotoxic Lys49 phospholipase A2 homologue from <i>Bothrops jararacussu</i> snake venom. <i>International Journal of Biochemistry and Cell Biology</i> , 2002, 34, 668-677.	2.8	27
107	Molecular characterization and phylogenetic analysis of BjuSSuMP-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.	2.4	27
108	Biological characterization of the Amazon coral <i>Micrurus spixii</i> snake venom: Isolation of a new neurotoxic phospholipase A2. <i>Toxicon</i> , 2015, 103, 1-11.	1.6	27

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109	An $\hat{\pm}$ -type phospholipase A2 inhibitor from Bothrops jararacussu snake plasma: Structural and functional characterization. <i>Biochimie</i> , 2008, 90, 1506-1514.	2.6	25
110	Structural and Functional Characterization of a $\hat{\pm}$ -Type Phospholipase A2 Inhibitor from Bothrops jararacussu Snake Plasma. <i>Current Topics in Medicinal Chemistry</i> , 2011, 11, 2509-2519.	2.1	25
111	Anti-snake venom activities of extracts and fractions from callus cultures of <i>Sapindus saponaria</i> . <i>Pharmaceutical Biology</i> , 2012, 50, 366-375.	2.9	25
112	Structural and functional studies with mytoxin II from Bothrops moojeni reveal remarkable similarities and differences compared to other catalytically inactive phospholipases A2-like. <i>Toxicon</i> , 2013, 72, 52-63.	1.6	25
113	Local and systemic pathophysiological alterations induced by a serine proteinase from the venom of the snake Bothrops jararacussu. <i>Toxicon</i> , 2007, 49, 1063-1069.	1.6	24
114	BmajPLA 2 -II, a basic Lys49-phospholipase A 2 homologue from Bothrops marajoensis snake venom with parasiticidal potential. <i>International Journal of Biological Macromolecules</i> , 2017, 102, 571-581.	7.5	24
115	Structure of BthA-I complexed with p-bromophenacyl bromide: possible correlations with lack of pharmacological activity. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2005, 61, 1670-1677.	2.5	23
116	Molecular characterization of BjuSSP-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.	2.6	23
117	ESI-MS/MS Identification of a Bradykinin-Potentiating Peptide from Amazon Bothrops atrox Snake Venom Using a Hybrid Qq-oeTOF Mass Spectrometer. <i>Toxins</i> , 2013, 5, 327-335.	3.4	23
118	Inhibitory properties of the anti-bothropic complex from Didelphis albiventris serum on toxic and pharmacological actions of metalloproteases and myotoxins from bothrops asper venom 1 Abbreviations: SVMPs, snake venom metalloproteases; ABC, anti-bothropic complex from Didelphis albiventris serum; DA43, 43-kDa subunit of anti-bothropic complex from D. albiventris serum; DA45, 45-kDa subunit of anti-bothropic complex from D. albiventris serum; MHD, dose able to induce a hemorrhagic lesion of 10 mm diameter;. <i>Biochemical Pharmacology</i> , 2001, 62, 1521-1529.	4.4	22
119	Synthesis and evaluation of sesquiterpene lactone inhibitors of phospholipase A2 from Bothrops jararacussu. <i>Toxicon</i> , 2011, 57, 100-108.	1.6	22
120	Biodegradable Microparticles Containing Crostamine Isolated from <i>Crotalus durissus terrificus</i> ; Display Antileishmanial Activity in vitro. <i>Pharmacology</i> , 2015, 95, 78-86.	2.2	22
121	p38 MAPK is involved in human neutrophil chemotaxis induced by L-amino acid oxidase from <i>Calloselasma rhodostoma</i> . <i>Toxicon</i> , 2016, 119, 106-116.	1.6	22
122	Comparative venomomics of Brazilian coral snakes: <i>Micrurus frontalis</i> , <i>Micrurus spixii spixii</i> , and <i>Micrurus surinamensis</i> . <i>Toxicon</i> , 2019, 166, 39-45.	1.6	22
123	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.	2.0	21
124	Molecular cloning and biochemical characterization of a myotoxin inhibitor from Bothrops alternatus snake plasma. <i>Biochimie</i> , 2011, 93, 583-592.	2.6	21
125	Immunochemical properties of the N-terminal helix of myotoxin II, a lysine-49 phospholipase A2 from Bothrops asper snake venom. <i>Toxicon</i> , 2001, 39, 879-887.	1.6	20
126	Expression of Human Recombinant Antibody Fragments Capable of Partially Inhibiting the Phospholipase Activity of <i>Crotalus durissus terrificus</i> Venom. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2009, 105, 84-91.	2.5	20



#	ARTICLE	IF	CITATIONS
127	BbrzSP-32, the first serine protease isolated from Bothrops brazili venom: Purification and characterization. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2016, 195, 15-25.	1.8	20
128	Snake Venom, A Natural Library of New Potential Therapeutic Molecules: Challenges and Current Perspectives. Current Pharmaceutical Biotechnology, 2018, 19, 308-335.	1.6	20
129	Anti-inflammatory activity of Blutaparon portulacoides ethanolic extract against the inflammatory reaction induced by Bothrops jararacussu venom and isolated myotoxins BthTX-I and II. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2009, 15, 527-545.	1.4	19
130	Microcalorimetric study of the adsorption of lactoferrin in supermacroporous continuous cryogel with immobilized Cu <sup>2+</sup> ions. Journal of Chromatography A, 2013, 1312, 1-9.	3.7	19
131	Anti-platelet aggregation activity of two novel acidic Asp49-phospholipases A2 from Bothrops brazili snake venom. International Journal of Biological Macromolecules, 2018, 107, 1014-1022.	7.5	19
132	Inflammasome Activation Induced by a Snake Venom Lys49-Phospholipase A2 Homologue. Toxins, 2020, 12, 22.	3.4	19
133	Single domain antibodies in the development of immunosensors for diagnostics. International Journal of Biological Macromolecules, 2020, 165, 2244-2252.	7.5	19
134	Cloning and expression of an acidic platelet aggregation inhibitor phospholipase A2 cDNA from Bothrops jararacussu venom gland. Protein Expression and Purification, 2004, 37, 102-108.	1.3	18
135	The Ruthenium Complex cis-(Dichloro)tetraammineruthenium(III) Chloride Presents Selective Cytotoxicity Against Murine B Cell Lymphoma (A-20), Murine Ascitic Sarcoma 180 (S-180), Human Breast Adenocarcinoma (SK-BR-3), and Human T Cell Leukemia (Jurkat) Tumor Cell Lines. Biological Trace Element Research, 2010, 135, 98-111.	3.5	18
136	Vascular effects and electrolyte homeostasis of the natriuretic peptide isolated from Crotalus oreganus abyssus (North American Grand Canyon rattlesnake) venom. Peptides, 2012, 36, 206-212.	2.4	18
137	Action of two phospholipases A2 purified from Bothrops alternatus snake venom on macrophages. Biochemistry (Moscow), 2013, 78, 194-203.	1.5	18
138	Isolation and Biochemical Characterization of a New Thrombin-Like Serine Protease from Bothrops pirajai Snake Venom. BioMed Research International, 2014, 2014, 1-13.	1.9	18
139	BbMP-1, a new metalloproteinase isolated from Bothrops brazili snake venom with in vitro antiplasmodial properties. Toxicon, 2015, 106, 30-41.	1.6	18
140	Camelid Single-Domain Antibodies (VHHs) against Crotoxin: A Basis for Developing Modular Building Blocks for the Enhancement of Treatment or Diagnosis of Crotalic Envenoming. Toxins, 2018, 10, 142.	3.4	18
141	Antitumoral Potential of Snake Venom Phospholipases A2 and Synthetic Peptides. Current Pharmaceutical Biotechnology, 2016, 17, 1201-1212.	1.6	18
142	Micropropagation, seed propagation and germplasm bank of Mandevilla velutina (Mart.) Woodson. Scientia Agricola, 2007, 64, 263-268.	1.2	17
143	The Ruthenium Complex cis-(Dichloro)Tetraammineruthenium(III) Chloride Presents Immune Stimulatory Activity on Human Peripheral Blood Mononuclear Cells. Biological Trace Element Research, 2010, 133, 270-283.	3.5	17
144	Photobiostimulation reduces edema formation induced in mice by Lys-49 phospholipases A2 isolated from Bothrops moojeni venom. Photochemical and Photobiological Sciences, 2014, 13, 1561-1567.	2.9	17

#	ARTICLE	IF	CITATIONS
145	Identification of the Molecular Determinants of the Antibacterial Activity of Lmut<sc>TX</sc>, a Lys49 Phospholipase A<sub>2</sub> Homologue Isolated from <i>Lachesis muta muta</i> Snake Venom (Linnaeus, 1766). Basic and Clinical Pharmacology and Toxicology, 2018, 122, 413-423.	2.5	17
146	Secondary hemostasis studies of crude venom and isolated proteins from the snake Crotalus durissus terrificus. International Journal of Biological Macromolecules, 2019, 131, 127-133.	7.5	17
147	Novel Camelid Antibody Fragments Targeting Recombinant Nucleoprotein of Araucaria hantavirus: A Prototype for an Early Diagnosis of Hantavirus Pulmonary Syndrome. PLoS ONE, 2014, 9, e108067.	2.5	17
148	cDNA sequence and molecular modeling of a nerve growth factor from Bothrops jararacussu venomous gland. Biochimie, 2002, 84, 675-680.	2.6	16
149	Anticoagulant and fibrinolytic properties of the venom of Polybia occidentalis social wasp. Blood Coagulation and Fibrinolysis, 2010, 21, 653-659.	1.0	16
150	Structural and Phylogenetic Studies with MjTX-I Reveal a Multi-Oligomeric Toxin “ a Novel Feature in Lys49-PLA2s Protein Class. PLoS ONE, 2013, 8, e60610.	2.5	16
151	Liposomes containing an ASP49-phospholipase A 2 from Bothrops jararacussu snake venom as experimental therapy against cutaneous leishmaniasis. International Immunopharmacology, 2016, 36, 225-231.	3.8	15
152	ASP49-phospholipase A2-loaded liposomes as experimental therapy in cutaneous leishmaniasis model. International Immunopharmacology, 2018, 55, 128-132.	3.8	15
153	Immobilization of Lipases And Assay in Continuous Fixed Bed Reactor. Protein and Peptide Letters, 2003, 10, 619-628.	0.9	15
154	Crystallization and preliminary X-ray diffraction studies of piratoxin III, a D-49 phospholipase A2 from the venom of Bothrops pirajai. Acta Crystallographica Section D: Biological Crystallography, 1999, 55, 1229-1230.	2.5	14
155	Purification and n-terminal sequencing of two presynaptic neurotoxic PLA2, neuwieditoxin-I and neuwieditoxin-II, from Bothrops neuwiedi pauloensis (jararaca pintada) venom. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2007, 13, 103-121.	1.4	14
156	Isolation and Characterization of a Natriuretic Peptide from Crotalus oreganus abyssus (Grand Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30 Journal of Peptide Research and Therapeutics, 2011, 17, 165-173.	1.9	14
157	Biochemical, functional, structural and phylogenetic studies on Intercro, a new isoform phospholipase A2 from Crotalus durissus terrificus snake venom. Biochimie, 2013, 95, 2365-2375.	2.6	14
158	Biochemical and functional studies of ColTx-I, a new myotoxic phospholipase A2 isolated from Crotalus oreganus lutosus (Great Basin rattlesnake) snake venom. Toxicon, 2016, 117, 1-12.	1.6	14
159	Effect of BjcUL, a lectin isolated from Bothrops jararacussu, on human peripheral blood mononuclear cells. Toxicology in Vitro, 2017, 41, 30-41.	2.4	14
160	Venomics and antivenomics of the poorly studied Brazilâ€™s lancehead, Bothrops brazili (Hoge, 1954), from the Brazilian State of ParÃ¡. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2020, 26, e20190103.	1.4	14
161	Bothropstoxin-I reduces evoked acetylcholine release from rat motor nerve terminals: Radiochemical and real-time video-microscopy studies. Toxicon, 2013, 61, 16-25.	1.6	13
162	Light emitting diode (LED) photobiomodulation therapy on murine macrophage exposed to Bothropstoxin-I and Bothropstoxin-II myotoxins. Toxicon, 2019, 172, 45-52.	1.6	13

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163	A novel synthetic quinolinone inhibitor presents proteolytic and hemorrhagic inhibitory activities against snake venom metalloproteases. <i>Biochimie</i> , 2016, 121, 179-188.	2.6	12
164	Role of l-amino acid oxidase isolated from <i>Calloselasma rhodostoma</i> venom on neutrophil NADPH oxidase complex activation. <i>Toxicon</i> , 2018, 145, 48-55.	1.6	12
165	Animal Toxins and Their Advantages in Biotechnology and Pharmacology. <i>BioMed Research International</i> , 2014, 2014, 1-2.	1.9	11
166	Photobiomodulation of local alterations induced by BthTX-I, a phospholipase A2 myotoxin from <i>Bothrops jararacussu</i> snake venom: In vivo and in vitro evaluation. <i>International Journal of Biological Macromolecules</i> , 2018, 107, 2020-2025.	7.5	11
167	Danger in the Canopy. Comparative Proteomics and Bioactivities of the Venoms of the South American Palm Pit Viper <i>Bothrops bilineatus</i> Subspecies <i>bilineatus</i> and <i>smaragdinus</i> and Antivenomics of <i>B. b. bilineatus</i> (Rondônia) Venom against the Brazilian Pentabothropic Antivenom. <i>Journal of Proteome Research</i> , 2020, 19, 3518-3532.	3.7	11
168	Gallic acid anti-myotoxic activity and mechanism of action, a snake venom phospholipase A2 toxin inhibitor, isolated from the medicinal plant <i>Anacardium humile</i> . <i>International Journal of Biological Macromolecules</i> , 2021, 185, 494-512.	7.5	11
169	Isolation, Biochemical Characterization and Antiparasitic Activity of BmatTX-IV, A Basic Lys49-Phospholipase A2 from the Venom of <i>Bothrops mattogrossensis</i> from Paraguay. <i>Current Topics in Medicinal Chemistry</i> , 2019, 19, 2041-2048.	2.1	11
170	NLRP3 inflammasome activation in human peripheral blood mononuclear cells induced by venoms secreted PLA2s. <i>International Journal of Biological Macromolecules</i> , 2022, 202, 597-607.	7.5	11
171	Effect of crotapotin on the biological activity of Asp49 and Lys49 phospholipases A2 from <i>Bothrops</i> snake venoms. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2004, 138, 429-436.	2.6	10
172	Purification and functional characterization of two fibrinogenolytic enzymes from <i>Bothrops alternatus</i> venom. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2007, 13, .	1.4	10
173	Biochemical Characterization, Action on Macrophages, and Superoxide Anion Production of Four Basic Phospholipases A <sub>2</sub> from Panamanian <i>Bothrops asper</i> Snake Venom. <i>BioMed Research International</i> , 2013, 2013, 1-9.	1.9	10
174	A Novel Phospholipase A2(D49) from the Venom of the <i>Crotalus oreganus abyssus</i> (North American) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.9	10
175	Lectin isolated from <i>Bothrops jararacussu</i> venom induces IL-10 release by TCD4+ cells and TNF- $\alpha$ release by monocytes and natural killer cells. <i>Journal of Leukocyte Biology</i> , 2019, 106, 595-605.	3.3	10
176	Antimalarial activity of basic phospholipases A2 isolated from Paraguayan <i>Bothrops diporus</i> venom against <i>Plasmodium falciparum</i> . <i>Toxicon: X</i> , 2020, 8, 100056.	2.9	10
177	Photobiomodulation induces murine macrophages polarization toward M2 phenotype. <i>Toxicon</i> , 2021, 198, 171-175.	1.6	10
178	Exploring and understanding the functional role, and biochemical and structural characteristics of an acidic phospholipase A2, AplTx-I, purified from <i>Agkistrodon piscivorus leucostoma</i> snake venom. <i>Toxicon</i> , 2017, 127, 22-36.	1.6	9
179	Marine Biotechnology in Brazil: Recent Developments and Its Potential for Innovation. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	9
180	Biochemical and Biological Profile of Parotoid Secretion of the Amazonian <i>Rhinella marina</i> (Anura: Bufonidae). <i>BioMed Research International</i> , 2019, 2019, 1-15.	1.9	9

#	ARTICLE	IF	CITATIONS
181	Human neutrophils functionality under effect of an Asp49 phospholipase A2 isolated from <i>Bothrops atrox</i> venom. <i>Toxicon</i> : X, 2020, 6, 100032.	2.9	9
182	Engineering of single-domain antibodies for next-generation snakebite antivenoms. <i>International Journal of Biological Macromolecules</i> , 2021, 185, 240-250.	7.5	9
183	BaltPLA2: A New Phospholipase A2 from <i>Bothrops Alternatus</i> Snake Venom with Antiplatelet Aggregation Activity. <i>Protein and Peptide Letters</i> , 2018, 25, 943-952.	0.9	9
184	Local and systemic biochemical alterations induced by <i>Bothrops atrox</i> snake venom in mice. <i>Journal of Venom Research</i> , 2012, 3, 28-34.	0.6	9
185	Crystallization and preliminary X-ray diffraction analysis of a myotoxic Lys49-PLA2 from <i>Bothrops jararacussu</i> venom complexed with p-bromophenacyl bromide. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2006, 62, 600-603.	0.7	8
186	Crystallization and preliminary X-ray diffraction analysis of crotoxin B from <i>Crotalus durissus collilineatus</i> venom. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2009, 65, 1011-1013.	0.7	8
187	Phospholipase A2 Inhibitor from <i>Crotalus durissus terrificus</i> rattlesnake: Effects on human peripheral blood mononuclear cells and human neutrophils cells. <i>International Journal of Biological Macromolecules</i> , 2017, 105, 1117-1125.	7.5	8
188	Local and systemic effects of BdipTX-I, a Lys-49 phospholipase A2 isolated from <i>Bothrops diporus</i> snake venom. <i>Toxicon</i> , 2018, 141, 55-64.	1.6	8
189	Identification of a peptide derived from a <i>Bothrops moojeni</i> metalloprotease with <i>in vitro</i> inhibitory action on the <i>Plasmodium falciparum</i> purine nucleoside phosphorylase enzyme (PfPNP). <i>Biochimie</i> , 2019, 162, 97-106.	2.6	8
190	Viperidae snakebites in Ecuador: A review of epidemiological and ecological aspects. <i>Toxicon</i> : X, 2020, 7, 100051.	2.9	8
191	Fast venom analysis of <i>Crotalus durissus terrificus</i> from northeastern Argentina. <i>Toxicon</i> : X, 2020, 7, 100047.	2.9	8
192	Crystallization of piratoxin I, a myotoxic Lys49-phospholipase A2 homologue isolated from the venom of <i>Bothrops pirajai</i> . <i>Toxicon</i> , 1998, 36, 547-551.	1.6	7
193	Crystallization and preliminary X-ray diffraction analysis of a myotoxic phospholipase A2 homologue from <i>Bothrops neuwiedi pauloensis</i> venom. <i>BBA - Proteins and Proteomics</i> , 1999, 1432, 393-395.	2.1	7
194	Crystallization and preliminary X-ray diffraction analysis of myotoxin I, a Lys49-phospholipase A2 from <i>Bothrops moojeni</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2005, 61, 882-884.	0.7	7
195	Crystallization and preliminary X-ray diffraction analysis of a Lys49-phospholipase A <sub>2</sub> complexed with caffeic acid, a molecule with inhibitory properties against snake venoms. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011, 67, 249-252.	0.7	7
196	Purification and Characterization of BmooAi: A New Toxin from <i>Bothrops moojeni</i> Snake Venom That Inhibits Platelet Aggregation. <i>BioMed Research International</i> , 2014, 2014, 1-7.	1.9	7
197	Cinnamic acid derived compounds loaded into liposomes: antileishmanial activity, production standardisation and characterisation. <i>Journal of Microencapsulation</i> , 2015, 32, 467-477.	2.8	7
198	Local and systemic effects caused by <i>Crotalus durissus terrificus</i> , <i>Crotalus durissus collilineatus</i> , and <i>Crotalus durissus cascavella</i> snake venoms in swiss mice. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 2019, 52, e20180526.	0.9	7

#	ARTICLE	IF	CITATIONS
199	Isolation and structural characterization of bioactive compound from <i>Aristolochia sprucei</i> aqueous extract with anti-myotoxic activity. <i>Toxicon: X</i> , 2020, 7, 100049.	2.9	7
200	Synergism of in vitro plasmodicidal activity of phospholipase A2 isoforms isolated from panamanian <i>Bothrops asper</i> venom. <i>Chemico-Biological Interactions</i> , 2021, 346, 109581.	4.0	7
201	Initiating Structural Studies Of Lys49-Pla2 Homologues Complexed With An Anionic Detergent, A Fatty Acid And A Natural Lipid. <i>Protein and Peptide Letters</i> , 2003, 10, 525-530.	0.9	7
202	Antimyotoxic Activity of Synthetic Peptides Derived from <i>Bothrops atrox</i> Snake Gamma Phospholipase A2 Inhibitor Selected by Virtual Screening. <i>Current Topics in Medicinal Chemistry</i> , 2019, 19, 1952-1961.	2.1	7
203	Plant-antivenom: Database of anti-venom medicinal plants. <i>Electronic Journal of Biotechnology</i> , 2001, 14, .	2.2	6
204	Preliminary X-Ray Crystallographic Studies of a Lys49-Phospholipase A2 Homologue from <i>Bothrops pirajai</i> Venom Complexed with p-Bromophenacyl Bromide and $\alpha$ -Tocopherol Inhibitors. <i>Protein and Peptide Letters</i> , 2007, 14, 698-701.	0.9	6
205	Preliminary X-ray crystallographic studies of a tetrameric phospholipase A2 formed by two isoforms of crotoxin B from <i>Crotalus durissus terrificus</i> venom. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2007, 63, 1067-1069.	0.7	6
206	Crystallization and preliminary X-ray crystallographic studies of a Lys49-phospholipase A2 homologue from <i>Bothrops pirajai</i> venom complexed with rosmarinic acid. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2010, 66, 699-701.	0.7	6
207	Evaluation of the Hypoglycemic Properties of <i>Anacardium humile</i> Aqueous Extract. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-8.	1.2	6
208	Molecular cloning and structural modelling of gamma-phospholipase A2 inhibitors from <i>Bothrops atrox</i> and <i>Micrurus lemniscatus</i> snakes. <i>International Journal of Biological Macromolecules</i> , 2017, 103, 525-532.	7.5	6
209	Effect of Isolated Proteins from <i>Crotalus Durissus Terrificus</i> Venom on <i>Leishmania (Leishmania) Amazonensis</i> -Infected Macrophages. <i>Protein and Peptide Letters</i> , 2020, 27, 718-724.	0.9	6
210	Acute toxicity of <i>Schizolobium parahyba</i> aqueous extract in mice. <i>Phytotherapy Research</i> , 2010, 24, 459-462.	5.8	5
211	The effect of 3 $\beta$ , 6 $\beta$ , 16 $\beta$ -trihydroxylup-20(29)-ene lupane compound isolated from <i>Combretum leprosum</i> Mart. on peripheral blood mononuclear cells. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 420.	3.7	5
212	BaltDC: purification, characterization and infrared spectroscopy of an antiplatelet DC protein isolated from <i>Bothrops alternatus</i> snake venom. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2017, 23, 36.	1.4	5
213	Effect of light emitting diode photobiomodulation on murine macrophage function after <i>Bothrops</i> envenomation. <i>Chemico-Biological Interactions</i> , 2021, 333, 109347.	4.0	5
214	Crystallization and preliminary X-ray diffraction analysis of an acidic phospholipase A2 complexed with p-bromophenacyl bromide and $\alpha$ -tocopherol inhibitors at 1.9- and 1.45-Å resolution. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2004, 1699, 281-284.	2.3	4
215	Airylation of Histidine Residues of <i>Bothrops jararacussu</i> Venom Proteins and Isolated Phospholipases $\alpha$ -Tocopherol Inhibitors at 1.9- and 1.45-Å Resolution. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2004, 1699, 281-284.		
215	A Biotechnological Tool to Improve the Production of Antibodies. <i>BioMed Research International</i> , 2014, 2014, 1-12.		
216	Biochemical and Functional Characterization of <i>Parawixia bistriata</i> Spider Venom with Potential Proteolytic and Larvicidal Activities. <i>BioMed Research International</i> , 2014, 2014, 1-13.	1.9	4

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217	Pharmacological characterization of cnidarian extracts from the Caribbean Sea: evaluation of anti-snake venom and antitumor properties. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2018, 24, 22.	1.4	4
218	<i>Plasmodium falciparum</i> purine nucleoside phosphorylase as a model in the search for new inhibitors by high throughput screening. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 1832-1841.	7.5	4
219	Effect of a Pool of Peptides Isolated from <i>Crotalus durissus terrificus</i> (South American Rattlesnake) Venom on Glucose Levels of Mice Fed on a High-Fat Diet. <i>International Journal of Peptide Research and Therapeutics</i> , 2011, 17, 225-230.	1.9	3
220	Crystallization and preliminary X-ray diffraction studies of BmoPLA <sub>2</sub> -I, a platelet-aggregation inhibitor and hypotensive phospholipase A <sub>2</sub> from <i>Bothrops moojeni</i> venom. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2011, 67, 900-902.	0.7	3
221	Cross-reactivity and inhibition myotoxic effects induced by <i>Bothrops</i> snake venoms using specific polyclonal anti-BnSP7 antibodies. <i>Biologicals</i> , 2017, 50, 109-116.	1.4	3
222	<i>Polybia occidentalis</i> and <i>Polybia fastidiosa</i> venom: a cytogenotoxic approach of effects on human and vegetal cells. <i>Drug and Chemical Toxicology</i> , 2019, 44, 1-9.	2.3	3
223	Comparative Biochemical Studies of Myotoxic Phospholipase A2 From <i>Bothrops</i> Venom. <i>Protein and Peptide Letters</i> , 2001, 8, 179-186.	0.9	3
224	Light Emitting Diode Photobiomodulation Enhances Oxidative Redox Capacity in Murine Macrophages Stimulated with <i>Bothrops jararacussu</i> Venom and Isolated PLA2s. <i>BioMed Research International</i> , 2022, 2022, 1-9.	1.9	3
225	Preliminary X-ray crystallographic studies of BthTX-II, a myotoxic Asp49-phospholipase A2 with low catalytic activity from <i>Bothrops jararacussu</i> venom. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2006, 62, 765-767.	0.7	2
226	Insecticidal activity of <i>Leptodactylus knudseni</i> and <i>Phyllomedusa vaillantii</i> crude skin secretions against the mosquitoes <i>Anopheles darlingi</i> and <i>Aedes aegypti</i> . <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2014, 20, 28.	1.4	2
227	Biochemical characterization of a phospholipase A2 homologue from the venom of the social wasp <i>Polybia occidentalis</i> . <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2018, 24, 5.	1.4	2
228	Toxins of Animal Venoms and Inhibitors: Molecular and Biotechnological Tools Useful to Human and Animal Health. <i>Current Topics in Medicinal Chemistry</i> , 2019, 19, 1868-1871.	2.1	2
229	Structural, enzymatic and pharmacological profiles of AplTX-II - A basic sPLA2 (D49) isolated from the <i>Agkistrodon piscivorus leucostoma</i> snake venom. <i>International Journal of Biological Macromolecules</i> , 2021, 175, 572-585.	7.5	2
230	Crystallization and preliminary X-ray diffraction analysis of three myotoxic phospholipases A <sub>2</sub> from <i>Bothrops brazili</i> venom. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2012, 68, 935-938.	0.7	1
231	Functional and structural characterization of phospholipases A <sub>2</sub> isolated from <i>Bothrops asper</i> snake venom in Panamá. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2010, 16, 664-664.	1.4	1
232	Snake venoms and purified toxins as biotechnological tools to control <i>Ralstonia solanacearum</i> . <i>Pesquisa Agropecuaria Brasileira</i> , 0, 55, .	0.9	1
233	Spectroscopic Analysis of the Stability of <i>Bothrops</i> Myotoxic Phospholipases A2 to Guanidine and Urea Denaturation. <i>Protein and Peptide Letters</i> , 2003, 10, 99-108.	0.9	0
234	An Algorithm to Classify Amino Acid Sequences into Protein Groups of <i>Bothrops jararacussu</i> Venomous Gland. <i>Protein and Peptide Letters</i> , 2005, 12, 333-337.	0.9	0

#	ARTICLE	IF	CITATIONS
235	Crystallization and Preliminary X-Ray Diffraction Studies of Two Myotoxic Lys49-Phospholipases A2 Complexed with $\alpha$ -Tocopherol. Protein and Peptide Letters, 2005, 12, 819-822.	0.9	0
236	Meet Our Guest Editor. Current Topics in Medicinal Chemistry, 2019, 19, 1867-1867.	2.1	0
237	Toxins of Animal Venoms and Inhibitors. Current Topics in Medicinal Chemistry, 2019, 19, 1950-1951.	2.1	0