

# Andreimar M Soares

## List of Publications by Year in descending order

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237  
papers

8,211  
citations

44444

50  
h-index

90395

73  
g-index

244  
all docs

244  
docs citations

244  
times ranked

4098  
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	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.	1.4	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.	1.3	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.	0.8	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.	1.2	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.	1.4	141
7	Snake Venom L-Amino Acid Oxidases: Trends in Pharmacology and Biochemistry. <i>BioMed Research International</i> , 2014, 2014, 1-19.	0.9	135
8	Antitumoral Activity of Snake Venom Proteins: New Trends in Cancer Therapy. <i>BioMed Research International</i> , 2014, 2014, 1-19.	0.9	131
9	Chemical modifications of phospholipases A2 from snake venoms: effects on catalytic and pharmacological properties. <i>Toxicon</i> , 2003, 42, 855-868.	0.8	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.	1.4	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.	1.4	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.	0.8	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.	0.7	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.	2.0	104
15	<i>Tityus serrulatus</i> Scorpion Venom and Toxins: An Overview. <i>Protein and Peptide Letters</i> , 2009, 16, 920-932.	0.4	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.	1.4	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.	1.3	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.	1.4	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.	0.8	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.	0.8	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.	1.3	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.	1.2	89
23	Phospholipase A2 Myotoxins from <i>Bothrops</i> Snake Venoms: Structure- Function Relationship. <i>Current Organic Chemistry</i> , 2004, 8, 1677-1690.	0.9	88
24	Snake Venom Phospholipase A2 Inhibitors: Medicinal Chemistry and Therapeutic Potential. <i>Current Topics in Medicinal Chemistry</i> , 2007, 7, 743-756.	1.0	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.	3.6	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	0.8	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.	1.7	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.	2.0	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.	1.2	73
30	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
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.	2.0	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.	1.2	69
33	Antiphidian properties of the aqueous extract of <i>Mikania glomerata</i> . <i>Journal of Ethnopharmacology</i> , 2005, 102, 364-370.	2.0	68
34	The chemistry of snake venom and its medicinal potential. <i>Nature Reviews Chemistry</i> , 2022, 6, 451-469.	13.8	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.	1.0	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.	0.8	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.	1.3	64
38	Triterpenoid saponins, new metalloprotease snake venom inhibitors isolated from <i>Pentaclethra macroloba</i> . <i>Toxicon</i> , 2007, 50, 283-291.	0.8	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.	0.8	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.	0.7	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.	1.3	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.	1.3	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.	2.0	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.	1.3	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.	0.5	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.	1.5	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.	0.8	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.	1.0	52
49	Genotoxic effect of <i>Bothrops</i> snake venoms and isolated toxins on human lymphocyte DNA. <i>Toxicon</i> , 2013, 65, 9-14.	0.8	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.	0.8	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.	0.8	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.	1.1	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.	0.9	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.	1.3	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.	1.0	48
56	Snake Venom Phospholipases A2: A New Class of Antitumor Agents. <i>Protein and Peptide Letters</i> , 2009, 16, 894-898.	0.4	47
57	Snake Venom Peptides and Low Mass Proteins: Molecular Tools and Therapeutic Agents. <i>Current Medicinal Chemistry</i> , 2017, 24, 3254-3282.	1.2	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.	0.8	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.	1.2	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.	1.3	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.	1.4	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.	1.5	44
63	Neutralizing effects of Brazilian plants against snake venoms. <i>Drugs of the Future</i> , 2004, 29, 1105.	0.0	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.	1.6	43
65	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
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.	0.8	42
67	BthMP: a new weakly hemorrhagic metalloproteinase from <i>Bothrops moojeni</i> snake venom. <i>Toxicon</i> , 2009, 53, 24-32.	0.8	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.	1.0	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.	1.2	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.	1.3	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.	0.8	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.	0.8	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.	0.9	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.	4.2	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.	1.1	39
76	<i>Crotalus durissus collilineatus</i> venom gland transcriptome: Analysis of gene expression profile. <i>Biochimie</i> , 2009, 91, 586-595.	1.3	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.	1.9	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.	0.8	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.	0.8	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.	0.8	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.	1.3	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.	0.8	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.	0.8	36
84	Epidemiological study of snakebite cases in Brazilian Western Amazonia. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 2018, 51, 338-346.	0.4	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.	0.9	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.	1.2	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.	1.3	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.	1.1	33
90	Snake Venom L-Amino Acid Oxidases: Some Consideration About their Functional Characterization. <i>Protein and Peptide Letters</i> , 2009, 16, 908-912.	0.4	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.	1.1	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.	1.1	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.	0.8	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.	0.8	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.	2.8	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.	1.0	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.	1.1	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.	1.2	30
99	Pharmacological Perspectives of Wasp Venom. <i>Protein and Peptide Letters</i> , 2009, 16, 944-952.	0.4	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.	0.9	29
101	Biodiversity as a Source of Bioactive Compounds Against Snakebites. <i>Current Medicinal Chemistry</i> , 2014, 21, 2952-2979.	1.2	29
102	Anti-venom properties of <i>Schizolobium parahyba</i> (Caesalpinoideae) aqueous leaves extract. <i>Phytotherapy Research</i> , 2008, 22, 859-866.	2.8	28
103	Effect of <i>Bothrops bilineata</i> snake venom on neutrophil function. <i>Toxicon</i> , 2013, 76, 143-149.	0.8	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.	3.6	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.	1.2	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.	1.2	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.	1.3	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.	0.8	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.	1.3	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.	1.0	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.	1.3	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.	0.8	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.	0.8	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.	3.6	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.	1.3	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.	1.5	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.	2.0	22
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