Andreimar M Soares

List of Publications by Citations

232 papers	6,492 citations	45 h-index	67 g-index
244 ext. papers	7,191 ext. citations	3.5 avg, IF	5.15 L-index

#	Paper	IF	Citations
232	Medicinal plants with inhibitory properties against snake venoms. *Current Medicinal Chemistry*, **2005**, 12, 2625-41	4.3	156
231	Structural and functional characterization of BnSP-7, a Lys49 myotoxic phospholipase A(2) homologue from Bothrops neuwiedi pauloensis venom. *Archives of Biochemistry and Biophysics*, **2000**, 378, 201-9	4.1	140
230	Myotoxic phospholipases A(2) in bothrops snake venoms: effect of chemical modifications on the enzymatic and pharmacological properties of bothropstoxins from Bothrops jararacussu. *Biochimie*, **2000**, 82, 755-63	4.6	138
229	Structural and functional characterization of neuwiedase, a nonhemorrhagic fibrin(ogen)olytic metalloprotease from Bothrops neuwiedi snake venom. *Archives of Biochemistry and Biophysics*, **2000**, 381, 213-24	4.1	128
228	Snake venomics and antivenomics of Crotalus durissus subspecies from Brazil: assessment of geographic variation and its implication on snakebite management. *Journal of Proteomics*, **2010**, 73, 1758-76	3.9	127
227	Rosmarinic acid, a new snake venom phospholipase A2 inhibitor from Cordia verbenacea (Boraginaceae): antiserum action potentiation and molecular interaction. *Toxicon*, **2005**, 46, 318-27	2.8	118
226	Chemical modifications of phospholipases A2 from snake venoms: effects on catalytic and pharmacological properties. *Toxicon*, **2003**, 42, 855-68	2.8	111
225	Snake venom L-amino acid oxidases: trends in pharmacology and biochemistry. *BioMed Research International*, **2014**, 2014, 196754	3	105
224	Platelet aggregation and antibacterial effects of an l-amino acid oxidase purified from Bothrops alternatus snake venom. *Bioorganic and Medicinal Chemistry*, **2004**, 12, 2881-6	3.4	105
223	A rapid procedure for the isolation of the Lys-49 myotoxin II from Bothrops moojeni (caissaca) venom: biochemical characterization, crystallization, myotoxic and edematogenic activity. *Toxicon*, **1998**, 36, 503-14	2.8	99
222	Antitumoral activity of snake venom proteins: new trends in cancer therapy. *BioMed Research International*, **2014**, 2014, 203639	3	97
221	Structural and functional characterization of an acidic platelet aggregation inhibitor and hypotensive phospholipase A(2) from Bothrops jararacussu snake venom. *Biochemical Pharmacology*, **2002**, 64, 723-32	6	95
220	Biochemical and functional characterization of an L-amino acid oxidase isolated from Bothrops pirajai snake venom. *Bioorganic and Medicinal Chemistry*, **2006**, 14, 7034-43	3.4	94
219	Analysis of Bothrops jararacussu venomous gland transcriptome focusing on structural and functional aspects: I--gene expression profile of highly expressed phospholipases A2. *Biochimie*, **2004**, 86, 211-9	4.6	90
218	Effects of aqueous extract of Casearia sylvestris (Flacourtiaceae) on actions of snake and bee venoms and on activity of phospholipases A2. *Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology*, **2000**, 127, 21-30	2.3	90
217	Dissociation of enzymatic and pharmacological properties of piratoxins-I and -III, two myotoxic phospholipases A2 from Bothrops pirajai snake venom. *Archives of Biochemistry and Biophysics*, **2001**, 387, 188-96	4.1	88
216	Structural and functional characterization of myotoxin I, a Lys49 phospholipase A(2) homologue from Bothrops moojeni (Caissaca) snake venom. *Archives of Biochemistry and Biophysics*, **2000**, 373, 7-15	4.1	87

215	Neutralization of proteases from Bothrops snake venoms by the aqueous extract from Casearia sylvestris (Flacourtiaceae). *Toxicon*, **2001**, 39, 1863-9	2.8	82
214	Phospholipase A2 Myotoxins from Bothrops Snake Venoms: Structure- Function Relationship. *Current Organic Chemistry*, **2004**, 8, 1677-1690	1.7	80
213	Tityus serrulatus scorpion venom and toxins: an overview. *Protein and Peptide Letters*, **2009**, 16, 920-32	1.9	79
212	Structural and functional properties of Bp-LAAO, a new L-amino acid oxidase isolated from Bothrops pauloensis snake venom. *Biochimie*, **2009**, 91, 490-501	4.6	74
211	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, 542-50	2.6	74
210	Snake venom phospholipase A2 inhibitors: medicinal chemistry and therapeutic potential. *Current Topics in Medicinal Chemistry*, **2007**, 7, 743-56	3	74
209	The analgesic activity of crotamine, a neurotoxin from Crotalus durissus terrificus (South American rattlesnake) venom: a biochemical and pharmacological study. *Toxicon*, **1998**, 36, 1927-37	2.8	69
208	Myotoxic phospholipases A(2) 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, 1645-56	3.8	66
207	Cytotoxic L-amino acid oxidase from Bothrops moojeni: biochemical and functional characterization. *International Journal of Biological Macromolecules*, **2007**, 41, 132-40	7.9	66
206	Effects of chemical modifications of crotoxin B, the phospholipase A(2) subunit of crotoxin from Crotalus durissus terrificus snake venom, on its enzymatic and pharmacological activities. *International Journal of Biochemistry and Cell Biology*, **2001**, 33, 877-88	5.6	63
205	Anticoagulant and antifibrinogenolytic properties of the aqueous extract from Bauhinia forficata against snake venoms. *Journal of Ethnopharmacology*, **2005**, 98, 213-6	5	62
204	Pathological alterations induced by neuwiedase, a metalloproteinase isolated from Bothrops neuwiedi snake venom. *Biochimie*, **2001**, 83, 471-9	4.6	62
203	A new acidic myotoxic, anti-platelet and prostaglandin I2 inductor phospholipase A2 isolated from Bothrops moojeni snake venom. *Toxicon*, **2008**, 52, 908-17	2.8	61
202	Neutralization of snake venom phospholipase A2 toxins by aqueous extract of Casearia sylvestris (Flacourtiaceae) in mouse neuromuscular preparation. *Journal of Ethnopharmacology*, **2007**, 112, 490-7	5	60
201	Neo-clerodane diterpenoid, a new metalloprotease snake venom inhibitor from Baccharis trimera (Asteraceae): anti-proteolytic and anti-hemorrhagic properties. *Chemico-Biological Interactions*, **2004**, 150, 243-51	5	59
200	Crystal structures of BnSP-7 and BnSP-6, two Lys49-phospholipases A(2): quaternary structure and inhibition mechanism insights. *Biochemical and Biophysical Research Communications*, **2003**, 311, 713-20	3.4	57
199	Inhibition of snake venoms and phospholipases A(2) by extracts from native and genetically modified Eclipta alba: isolation of active coumestans. *Basic and Clinical Pharmacology and Toxicology*, **2009**, 104, 293-9	3.1	56
198	Antiophidian properties of the aqueous extract of Mikania glomerata. *Journal of Ethnopharmacology*, **2005**, 102, 364-70	5	56

197	Isolation and structural characterization of a new fibrin(ogen)olytic metalloproteinase from Bothrops moojeni snake venom. *Toxicon*, **2008**, 51, 574-84	2.8	55
196	Inhibition of enzymatic and pharmacological activities of some snake venoms and toxins by Mandevilla velutina (Apocynaceae) aqueous extract. *Biochimie*, **2003**, 85, 1017-25	4.6	54
195	Comparative structural studies on Lys49-phospholipases A(2) from Bothrops genus reveal their myotoxic site. *Journal of Structural Biology*, **2009**, 167, 106-16	3.4	51
194	Antihemorrhagic, antinucleolytic and other antiophidian properties of the aqueous extract from Pentaclethra macroloba. *Journal of Ethnopharmacology*, **2005**, 100, 145-52	5	48
193	Genotoxic effect of Bothrops snake venoms and isolated toxins on human lymphocyte DNA. *Toxicon*, **2013**, 65, 9-14	2.8	47
192	Bactericidal and neurotoxic activities of two myotoxic phospholipases A2 from Bothrops neuwiedi pauloensis snake venom. *Toxicon*, **2004**, 44, 305-14	2.8	47
191	Insights into the role of oligomeric state on the biological activities of crotoxin: crystal structure of a tetrameric phospholipase A2 formed by two isoforms of crotoxin B from Crotalus durissus terrificus venom. *Proteins: Structure, Function and Bioinformatics*, **2008**, 72, 883-91	4.2	46
190	Structural and functional analysis of BmjMIP, a phospholipase A2 myotoxin inhibitor protein from Bothrops moojeni snake plasma. *Biochemical and Biophysical Research Communications*, **2003**, 302, 193-200	3.4	46
189	Geographic variations in the composition of myotoxins from Bothrops neuwiedi snake venoms: biochemical characterization and biological activity. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **1998**, 121, 215-22	2.6	45
188	Evaluation of three Brazilian antivenom ability to antagonize myonecrosis and hemorrhage induced by Bothrops snake venoms in a mouse model. *Toxicon*, **2007**, 50, 196-205	2.8	45
187	Triterpenoid saponins, new metalloprotease snake venom inhibitors isolated from Pentaclethra macroloba. *Toxicon*, **2007**, 50, 283-91	2.8	45
186	Structural insights for fatty acid binding in a Lys49-phospholipase A2: crystal structure of myotoxin II from Bothrops moojeni complexed with stearic acid. *Biochimie*, **2005**, 87, 161-7	4.6	44
185	Cloning and identification of a complete cDNA coding for a bactericidal and antitumoral acidic phospholipase A2 from Bothrops jararacussu venom. *Protein Journal*, **2004**, 23, 273-85	3.9	44
184	Biological and enzymatic activities of Micrurus sp. (Coral) snake venoms. *Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology*, **2005**, 140, 125-34	2.6	42
183	Snake venom phospholipases A2: a new class of antitumor agents. *Protein and Peptide Letters*, **2009** , 16, 894-8	1.9	41
182	Bothrops moojeni myotoxin-II, a Lys49-phospholipase A2 homologue: an example of function versatility of snake venom proteins. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2006**, 142, 371-381	3.2	41
181	A new hemorrhagic metalloprotease from Bothrops jararacussu snake venom: isolation and biochemical characterization. *Toxicon*, **2004**, 44, 215-23	2.8	40
180	Comparison between apo and complexed structures of bothropstoxin-I reveals the role of Lys122 and Ca(2+)-binding loop region for the catalytically inactive Lys49-PLA(2)s. *Journal of Structural Biology*, **2010**, 171, 31-43	3.4	39

179	Secretory phospholipases A(2) isolated from Bothrops asper and from Crotalus durissus terrificus snake venoms induce distinct mechanisms for biosynthesis of prostaglandins E2 and D2 and expression of cyclooxygenases. *Toxicon*, **2008**, 52, 428-39	2.8	39
178	Molecular approaches for structural characterization of Bothrops L-amino acid oxidases with antiprotozoal activity: cDNA cloning, comparative sequence analysis, and molecular modeling. *Biochemical and Biophysical Research Communications*, **2007**, 355, 302-6	3.4	39
177	Structural and functional studies of a bothropic myotoxin complexed to rosmarinic acid: new insights into Lys49-PLA□nhibition. *PLoS ONE*, **2011**, 6, e28521	3.7	38
176	Isolation and functional characterization of a new myotoxic acidic phospholipase A(2) from Bothrops pauloensis snake venom. *Toxicon*, **2007**, 50, 153-65	2.8	38
175	Snake venom PLA2s inhibitors isolated from Brazilian plants: synthetic and natural molecules. *BioMed Research International*, **2013**, 2013, 153045	3	37
174	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, 222-9	1.8	37
173	Isolation and expression of a hypotensive and anti-platelet acidic phospholipase A2 from Bothrops moojeni snake venom. *Journal of Pharmaceutical and Biomedical Analysis*, **2013**, 73, 35-43	3.5	36
172	Structural, functional, and bioinformatics studies reveal a new snake venom homologue phospholipase A□lass. *Proteins: Structure, Function and Bioinformatics*, **2011**, 79, 61-78	4.2	36
171	BthMP: a new weakly hemorrhagic metalloproteinase from Bothrops moojeni snake venom. *Toxicon*, **2009**, 53, 24-32	2.8	36
170	Amino acid sequence of piratoxin-II, a myotoxic lys49 phospholipase A(2) homologue from Bothrops pirajai venom. *Biochimie*, **2000**, 82, 245-50	4.6	36
169	Evaluation of the genotoxicity of Crotalus durissus terrificus snake venom and its isolated toxins on human lymphocytes. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2011**, 724, 59-63	3	35
168	Biochemical and functional properties of a thrombin-like enzyme isolated from Bothrops pauloensis snake venom. *Toxicon*, **2009**, 54, 725-35	2.8	35
167	Bhalternin: Functional and structural characterization of a new thrombin-like enzyme from Bothrops alternatus snake venom. *Toxicon*, **2010**, 55, 1365-77	2.8	34
166	Crystal structure of piratoxin-I: a calcium-independent, myotoxic phospholipase A2-homologue from Bothrops pirajai venom. *Toxicon*, **1998**, 36, 1395-406	2.8	34
165	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	2.6	34
164	Myotoxic and cytolytic activities of dimeric Lys49 phospholipase A2 homologues are reduced, but not abolished, by a pH-induced dissociation. *Toxicon*, **2005**, 46, 291-6	2.8	34
163	Purification, characterization and crystallization of Jararacussin-I, a fibrinogen-clotting enzyme isolated from the venom of Bothrops jararacussu. *Toxicon*, **2002**, 40, 1307-12	2.8	34
162	Neutralizing effects of Brazilian plants against snake venoms. *Drugs of the Future*, **2004**, 29, 1105	2.3	34

161	Antitumoural effect of an L-amino acid oxidase isolated from Bothrops jararaca snake venom. *Basic and Clinical Pharmacology and Toxicology*, **2008**, 102, 533-42	3.1	33
160	Molecular and functional characterization of a new non-hemorrhagic metalloprotease from Bothrops jararacussu snake venom with antiplatelet activity. *Peptides*, **2007**, 28, 2328-39	3.8	33
159	Enzymatic and structural characterization of a basic phospholipase A(2) from the sea anemone Condylactis gigantea. *Biochimie*, **2010**, 92, 1063-71	4.6	32
158	Crotalus durissus collilineatus venom gland transcriptome: analysis of gene expression profile. *Biochimie*, **2009**, 91, 586-95	4.6	32
157	Direct capture of lactoferrin from cheese whey on supermacroporous column of polyacrylamide cryogel with copper ions. *Food Chemistry*, **2014**, 154, 308-14	8.5	31
156	Molecular characterization of an acidic phospholipase A(2) from Bothrops pirajai snake venom: synthetic C-terminal peptide identifies its antiplatelet region. *Archives of Toxicology*, **2011**, 85, 1219-33	5.8	31
155	Crystal structure of a phospholipase A(2) homolog complexed with p-bromophenacyl bromide reveals important structural changes associated with the inhibition of myotoxic activity. *Biochimica Et Biophysica Acta - Proteins and Proteomics*, **2009**, 1794, 1583-90	4	31
154	Amino acid sequence of piratoxin-I, a myotoxin from Bothrops pirajai snake venom, and its biological activity after alkylation with p-bromophenacyl bromide. *The Protein Journal*, **1998**, 17, 713-8		30
153	Snake venom L-amino acid oxidases: some consideration about their functional characterization. *Protein and Peptide Letters*, **2009**, 16, 908-12	1.9	29
152	Signal transduction pathways involved in the platelet aggregation induced by a D-49 phospholipase A2 isolated from Bothrops jararacussu snake venom. *Biochimie*, **2004**, 86, 731-9	4.6	29
151	Crystal structure of an acidic platelet aggregation inhibitor and hypotensive phospholipase A2 in the monomeric and dimeric states: insights into its oligomeric state. *Biochemical and Biophysical Research Communications*, **2004**, 323, 24-31	3.4	28
150	Alkylation of myotoxic phospholipases A2 in Bothrops moojeni venom: a promising approach to an enhanced antivenom production. *International Journal of Biochemistry and Cell Biology*, **2004**, 36, 258-70	5.6	28
149	Snake Venom Peptides and Low Mass Proteins: Molecular Tools and Therapeutic Agents. *Current Medicinal Chemistry*, **2017**, 24, 3254-3282	4.3	28
148	Epidemiological study of snakebite cases in Brazilian Western Amazonia. *Revista Da Sociedade Brasileira De Medicina Tropical*, **2018**, 51, 338-346	1.5	27
147	Structural bases for a complete myotoxic mechanism: crystal structures of two non-catalytic phospholipases A2-like from Bothrops brazili venom. *Biochimica Et Biophysica Acta - Proteins and Proteomics*, **2013**, 1834, 2772-81	4	27
146	Effect of L-amino acid oxidase from Calloselasma rhodosthoma snake venom on human neutrophils. *Toxicon*, **2014**, 80, 27-37	2.8	26
145	Inhibition of the Myotoxicity Induced by Bothrops jararacussu Venom and Isolated Phospholipases A2 by Specific Camelid Single-Domain Antibody Fragments. *PLoS ONE*, **2016**, 11, e0151363	3.7	26
144	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	2.8	25

143	Pharmacological perspectives of wasp venom. *Protein and Peptide Letters*, **2009**, 16, 944-52	1.9	24
142	Direct organogenesis of Mandevilla illustris (Vell) Woodson and effects of its aqueous extract on the enzymatic and toxic activities of Crotalus durissus terrificus snake venom. *Plant Cell Reports*, **2004**, 22, 549-52	5.1	24
141	Mn(2+) ions reduce the enzymatic and pharmacological activities of bothropstoxin-I, a myotoxic Lys49 phospholipase A(2) homologue from Bothrops jararacussu snake venom. *International Journal of Biochemistry and Cell Biology*, **2002**, 34, 668-77	5.6	24
140	Structural Basis for the Inhibition of a Phospholipase A2-Like Toxin by Caffeic and Aristolochic Acids. *PLoS ONE*, **2015**, 10, e0133370	3.7	24
139	Purification and biochemical characterization of three myotoxins from Bothrops mattogrossensis snake venom with toxicity against Leishmania and tumor cells. *BioMed Research International*, **2014**, 2014, 195356	3	23
138	Protective effect of schizolobium parahyba flavonoids against snake venoms and isolated toxins. *Current Topics in Medicinal Chemistry*, **2011**, 11, 2566-77	3	23
137	Neutralization of pharmacological and toxic activities of bothrops snake venoms by Schizolobium parahyba (Fabaceae) aqueous extract and its fractions. *Basic and Clinical Pharmacology and Toxicology*, **2008**, 103, 104-7	3.1	23
136	Structural and functional studies with mytoxin II from Bothrops moojeni reveal remarkable similarities and differences compared to other catalytically inactive phospholipases A□like. *Toxicon*, **2013**, 72, 52-63	2.8	22
135	Structural and functional characterization of a □type phospholipase A2 inhibitor from bothrops jararacussu snake plasma. *Current Topics in Medicinal Chemistry*, **2011**, 11, 2509-19	3	22
134	An alpha-type phospholipase A(2) inhibitor from Bothrops jararacussu snake plasma: structural and functional characterization. *Biochimie*, **2008**, 90, 1506-14	4.6	22
133	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, 591-9	4	22
132	Local and systemic pathophysiological alterations induced by a serine proteinase from the venom of the snake Bothrops jararacussu. *Toxicon*, **2007**, 49, 1063-9	2.8	22
131	Isolation, structural and functional characterization of a new Lys49 phospholipase A2 homologue from Bothrops neuwiedi urutu with bactericidal potential. *Toxicon*, **2016**, 115, 13-21	2.8	22
130	Effect of Bothrops bilineata snake venom on neutrophil function. *Toxicon*, **2013**, 76, 143-9	2.8	21
129	Antiviral and antiparasite properties of an L-amino acid oxidase from the snake Bothrops jararaca: cloning and identification of a complete cDNA sequence. *Biochemical Pharmacology*, **2008**, 76, 279-88	6	21
128	Activation of J77A.1 macrophages by three phospholipases A2 isolated from Bothrops atrox snake venom. *BioMed Research International*, **2014**, 2014, 683123	3	20
127	Synthesis and evaluation of sesquiterpene lactone inhibitors of phospholipase A2 from Bothrops jararacussu. *Toxicon*, **2011**, 57, 100-8	2.8	20
126	Biological characterization of the Amazon coral Micrurus spixii snake venom: Isolation of a new neurotoxic phospholipase A2. *Toxicon*, **2015**, 103, 1-11	2.8	19

125	CoaTx-II, a new dimeric Lys49 phospholipase A2 from Crotalus oreganus abyssus snake venom with bactericidal potential: Insights into its structure and biological roles. *Toxicon*, **2016**, 120, 147-58	2.8	19
124	Anti-snake venom activities of extracts and fractions from callus cultures of Sapindus saponaria. *Pharmaceutical Biology*, **2012**, 50, 366-75	3.8	19
123	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, 500-7	4.6	19
122	Immunochemical properties of the N-terminal helix of myotoxin II, a lysine-49 phospholipase A(2) from Bothrops asper snake venom. *Toxicon*, **2001**, 39, 879-87	2.8	19
121	Biodiversity as a source of bioactive compounds against snakebites. *Current Medicinal Chemistry*, **2014**, 21, 2952-79	4.3	19
120	Mechanism of the cytotoxic effect of l-amino acid oxidase isolated from Bothrops alternatus snake venom. *International Journal of Biological Macromolecules*, **2016**, 92, 329-337	7.9	19
119	Molecular cloning and biochemical characterization of a myotoxin inhibitor from Bothrops alternatus snake plasma. *Biochimie*, **2011**, 93, 583-92	4.6	18
118	Expression of human recombinant antibody fragments capable of partially inhibiting the phospholypase activity of Crotalus durissus terrificus venom. *Basic and Clinical Pharmacology and Toxicology*, **2009**, 105, 84-91	3.1	18
117	Inhibitory properties of the anti-bothropic complex from Didelphis albiventris serum on toxic and pharmacological actions of metalloproteases and myotoxins from Bothrops asper venom. *Biochemical Pharmacology*, **2001**, 62, 1521-9	6	18
116	p38 MAPK is involved in human neutrophil chemotaxis induced by L-amino acid oxidase from Calloselasma rhodosthoma. *Toxicon*, **2016**, 119, 106-16	2.8	17
115	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	2.6	17
114	Microcalorimetric study of the adsorption of lactoferrin in supermacroporous continuous cryogel with immobilized Cu(2+) ions. *Journal of Chromatography A*, **2013**, 1312, 1-9	4.5	17
113	ESI-MS/MS identification of a bradykinin-potentiating peptide from Amazon Bothrops atrox snake venom using a hybrid Qq-oaTOF mass spectrometer. *Toxins*, **2013**, 5, 327-35	4.9	17
112	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	4.5	17
111	Micropropagation, seed propagation and germplasm bank of Mandevilla velutina (Mart.) Woodson. *Scientia Agricola*, **2007**, 64, 263-268	2.5	17
110	Purification and characterization of jararassin-I, A thrombin-like enzyme from Bothrops jararaca snake venom. *Acta Biochimica Et Biophysica Sinica*, **2004**, 36, 798-802	2.8	17
109	The ruthenium complex cis-(Dichloro)Tetraammineruthenium(III) chloride presents immune stimulatory activity on human peripheral blood mononuclear cells. *Biological Trace Element Research*, **2010**, 133, 270-83	4.5	16
108	Structure of BthA-I complexed with p-bromophenacyl bromide: possible correlations with lack of pharmacological activity. *Acta Crystallographica Section D: Biological Crystallography*, **2005**, 61, 1670-7		16

107	Action of two phospholipases A2 purified from Bothrops alternatus snake venom on macrophages. *Biochemistry (Moscow)*, **2013**, 78, 194-203	2.9	15
106	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	2.2	15
105	Cloning and expression of an acidic platelet aggregation inhibitor phospholipase A2 cDNA from Bothrops jararacussu venom gland. *Protein Expression and Purification*, **2004**, 37, 102-8	2	15
104	cDNA sequence and molecular modeling of a nerve growth factor from Bothrops jararacussu venomous gland. *Biochimie*, **2002**, 84, 675-80	4.6	15
103	Biodegradable microparticles containing crotamine isolated from Crotalus durissus terrificus display antileishmanial activity in vitro. *Pharmacology*, **2015**, 95, 78-86	2.3	14
102	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,	4.9	14
101	Photobiostimulation reduces edema formation induced in mice by Lys-49 phospholipases A2 isolated from Bothrops moojeni venom. *Photochemical and Photobiological Sciences*, **2014**, 13, 1561-7	4.2	14
100	Vascular effects and electrolyte homeostasis of the natriuretic peptide isolated from Crotalus oreganus abyssus (North American Grand Canyon rattlesnake) venom. *Peptides*, **2012**, 36, 206-12	3.8	14
99	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	2.2	14
98	Anti-snake venom properties of Schizolobium parahyba (Caesalpinoideae) aqueous leaves extract. *Phytotherapy Research*, **2008**, 22, 859-66	6.7	14
97	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	3.7	14
96	Immobilization of lipases and assay in continuous fixed bed reactor. *Protein and Peptide Letters*, **2003**, 10, 619-28	1.9	14
95	An Update on Potential Molecular Mechanisms Underlying the Actions of Snake Venom L-amino Acid Oxidases (LAAOs). *Current Medicinal Chemistry*, **2018**, 25, 2520-2530	4.3	14
94	Antitumoral Potential of Snake Venom Phospholipases A2 and Synthetic Peptides. *Current Pharmaceutical Biotechnology*, **2016**, 17, 1201-1212	2.6	14
93	BmajPLA-II, a basic Lys49-phospholipase A homologue from Bothrops marajoensis snake venom with parasiticidal potential. *International Journal of Biological Macromolecules*, **2017**, 102, 571-581	7.9	13
92	BbMP-1, a new metalloproteinase isolated from Bothrops brazili snake venom with in vitro antiplasmodial properties. *Toxicon*, **2015**, 106, 30-41	2.8	13
91	Anticoagulant and fibrinogenolytic properties of the venom of Polybia occidentalis social wasp. *Blood Coagulation and Fibrinolysis*, **2010**, 21, 653-9	1	13
90	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, 1229-30		13

89	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	3.7	13
88	Snake Venom, A Natural Library of New Potential Therapeutic Molecules: Challenges and Current Perspectives. *Current Pharmaceutical Biotechnology*, **2018**, 19, 308-335	2.6	13
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