

Marcos R M Fontes

List of Publications by Year in descending order

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141
papers

4,459
citations

109311

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times ranked

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#	ARTICLE	IF	CITATIONS
1	SEQUENCE SLIDER: integration of structural and genetic data to characterize isoforms from natural sources. <i>Nucleic Acids Research</i> , 2022, 50, e50-e50.	14.5	2
2	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
3	In-solution structural studies involving a phospholipase A2-like myotoxin and a natural inhibitor: Plasticity of oligomeric assembly affects mechanisms of inhibition. <i>Biochimie</i> , 2021, 181, 145-153.	2.6	7
4	The synthetic varespladib molecule is a multi-functional inhibitor for PLA2 and PLA2-like ophidic toxins. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2021, 1865, 129913.	2.4	20
5	Structural and calorimetric studies reveal specific determinants for the binding of a high-affinity NLS to mammalian importin-alpha. <i>Biochemical Journal</i> , 2021, 478, 2715-2732.	3.7	1
6	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
7	Corona protein impacts on alternating current biosusceptometry signal and circulation times of differently coated MnFe ₂ O ₄ nanoparticles. <i>Nanomedicine</i> , 2021, 16, 2189-2206.	3.3	9
8	BthTX-II from <i>Bothrops jararacussu</i> venom has variants with different oligomeric assemblies: An example of snake venom phospholipases A2 versatility. <i>International Journal of Biological Macromolecules</i> , 2021, 191, 255-266.	7.5	6
9	Towards toxin PEGylation: The example of rCollinein-1, a snake venom thrombin-like enzyme, as a PEGylated biopharmaceutical prototype. <i>International Journal of Biological Macromolecules</i> , 2021, 190, 564-573.	7.5	9
10	Biochemical and biophysical characterization of the RVB-1/RVB-2 protein complex, the RuvBL/RVB homologues in <i>Neurospora crassa</i> . <i>Biochimie</i> , 2021, 191, 11-26.	2.6	1
11	Mitochondrial Sirtuin TcSir2rp3 Affects TcSODA Activity and Oxidative Stress Response in <i>Trypanosoma cruzi</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 773410.	3.9	3
12	Correlating biological activity to thermo-structural analysis of the interaction of CTX with synthetic models of macrophage membranes. <i>Scientific Reports</i> , 2021, 11, 23712.	3.3	1
13	Biochemical, pharmacological and structural characterization of BmooMP-I, a new Zn ²⁺ metalloproteinase from <i>Bothrops moojeni</i> venom. <i>Biochimie</i> , 2020, 179, 54-64.	2.6	11
14	The allosteric activation mechanism of a phospholipase A2-like toxin from <i>Bothrops jararacussu</i> venom: a dynamic description. <i>Scientific Reports</i> , 2020, 10, 16252.	3.3	14
15	Beyond hemostasis: a snake venom serine protease with potassium channel blocking and potential antitumor activities. <i>Scientific Reports</i> , 2020, 10, 4476.	3.3	23
16	Pegylating toxins: A new trend in toxinology? A successful example of a PEGylated snake venom serine protease. <i>Toxicon</i> , 2020, 177, S58-S59.	1.6	0
17	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
18	Comparative study of the interactions between fungal transcription factor nuclear localization sequences with mammalian and fungal importin-alpha. <i>Scientific Reports</i> , 2020, 10, 1458.	3.3	8

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19	Neutralization of a bothropic PLA2-like protein by caftaric acid, a novel potent inhibitor of ophidian myotoxicity. <i>Biochimie</i> , 2020, 170, 163-172.	2.6	13
20	Effect of lysine acetylation on the regulation of <i>Trypanosoma brucei</i> glycosomal aldolase activity. <i>Biochemical Journal</i> , 2020, 477, 1733-1744.	3.7	17
21	<i>SEQUENCE SLIDER</i> : expanding polyalanine fragments for phasing with multiple side-chain hypotheses. <i>Acta Crystallographica Section D: Structural Biology</i> , 2020, 76, 221-237.	2.3	10
22	Identification of a putative nuclear localization signal in the tumor suppressor maspin sheds light on its nuclear import regulation. <i>FEBS Open Bio</i> , 2019, 9, 1174-1183.	2.3	12
23	Search for efficient inhibitors of myotoxic activity induced by ophidian phospholipase A2-like proteins using functional, structural and bioinformatics approaches. <i>Scientific Reports</i> , 2019, 9, 510.	3.3	24
24	Identification, description and structural analysis of beta phospholipase A2 inhibitors (sb ² PLIs) from Latin American pit vipers indicate a binding site region for basic snake venom phospholipases A2. <i>Toxicon: X</i> , 2019, 2, 100009.	2.9	4
25	Dual cellular localization of the <i>Leishmania amazonensis</i> Rbp38 (LaRbp38) explains its affinity for telomeric and mitochondrial DNA. <i>Biochimie</i> , 2019, 162, 15-25.	2.6	3
26	Structural basis for phospholipase A2-like toxin inhibition by the synthetic compound Varespladib (LY315920). <i>Scientific Reports</i> , 2019, 9, 17203.	3.3	49
27	Structural evidence for a fatty acid-independent myotoxic mechanism for a phospholipase A2-like toxin. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2018, 1866, 473-481.	2.3	11
28	Replication Protein A ¹ Has a Preference for the Telomeric G ¹ rich Sequence in <i>Trypanosoma cruzi</i> . <i>Journal of Eukaryotic Microbiology</i> , 2018, 65, 345-356.	1.7	10
29	DNA mismatch repair proteins MLH1 and PMS2 can be imported to the nucleus by a classical nuclear import pathway. <i>Biochimie</i> , 2018, 146, 87-96.	2.6	18
30	<i>In Vivo</i> genotoxicity of a commercial C.I. Disperse Red 1 dye. <i>Environmental and Molecular Mutagenesis</i> , 2018, 59, 822-828.	2.2	11
31	Structural basis of phospholipase A2-like myotoxin inhibition by chicoric acid, a novel potent inhibitor of ophidian toxins. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 2728-2737.	2.4	17
32	Structural and functional characterization of suramin-bound MjTX-I from <i>Bothrops moojeni</i> suggests a particular myotoxic mechanism. <i>Scientific Reports</i> , 2018, 8, 10317.	3.3	26
33	Crystallographic and calorimetric studies with nuclear transport of DNA repair proteins. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2018, 74, e185-e185.	0.1	0
34	Expanding partial structures by assembling most probable side-chain composition. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2018, 74, e410-e410.	0.1	0
35	Biophysical studies suggest a new structural arrangement of crotoxin and provide insights into its toxic mechanism. <i>Scientific Reports</i> , 2017, 7, 43885.	3.3	20
36	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

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37	BmajPLA 2 -II, a basic Lys49-phospholipase A 2 homologue from <i>Bothrops marajoensis</i> snake venom with parasitocidal potential. <i>International Journal of Biological Macromolecules</i> , 2017, 102, 571-581.	7.5	24
38	Crystal structure of a phospholipase A2 from <i>Bothrops asper</i> venom: Insights into a new putative α -myotoxic cluster. <i>Biochimie</i> , 2017, 133, 95-102.	2.6	18
39	Nuclear transport of the <i>Neurospora crassa</i> NIT-2 transcription factor is mediated by importin- β . <i>Biochemical Journal</i> , 2017, 474, 4091-4104.	3.7	9
40	A calmodulin-like protein (LCALA) is a new <i>Leishmania amazonensis</i> candidate for telomere end-binding protein. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 2583-2597.	2.4	4
41	Neuromuscular paralysis by the basic phospholipase A 2 subunit of crotoxin from <i>Crotalus durissus terrificus</i> snake venom needs its acid chaperone to concurrently inhibit acetylcholine release and produce muscle blockage. <i>Toxicology and Applied Pharmacology</i> , 2017, 334, 8-17.	2.8	23
42	Structural studies with BnSP-7 reveal an atypical oligomeric conformation compared to phospholipases A2-like toxins. <i>Biochimie</i> , 2017, 142, 11-21.	2.6	11
43	PLA2-like proteins myotoxic mechanism: a dynamic model description. <i>Scientific Reports</i> , 2017, 7, 15514.	3.3	31
44	Functional and structural studies of a Phospholipase A2-like protein complexed to zinc ions: Insights on its myotoxicity and inhibition mechanism. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 3199-3209.	2.4	24
45	Secreted Phospholipases A2 from Animal Venoms in Pain and Analgesia. <i>Toxins</i> , 2017, 9, 406.	3.4	55
46	Structural and thermodynamic studies of the tobacco calmodulin-like rgs-CaM protein. <i>International Journal of Biological Macromolecules</i> , 2016, 92, 1288-1297.	7.5	12
47	Structural and evolutionary insights into endogenous alpha-phospholipase A 2 inhibitors of Latin American pit vipers. <i>Toxicon</i> , 2016, 112, 35-44.	1.6	11
48	Structural and Calorimetric Studies Demonstrate that Xeroderma Pigmentosum Type G (XPG) Can Be Imported to the Nucleus by a Classical Nuclear Import Pathway via a Monopartite NLS Sequence. <i>Journal of Molecular Biology</i> , 2016, 428, 2120-2131.	4.2	15
49	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
50	Structural Biology and Regulation of Protein Import into the Nucleus. <i>Journal of Molecular Biology</i> , 2016, 428, 2060-2090.	4.2	204
51	Phospholipase A2 Inhibitors from Snake Blood (sbPLIs). , 2016, , 1-18.		1
52	Replication Protein A Presents Canonical Functions and Is Also Involved in the Differentiation Capacity of <i>Trypanosoma cruzi</i> . <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0005181.	3.0	29
53	Molecular Components of the <i>Neurospora crassa</i> pH Signaling Pathway and Their Regulation by pH and the PAC-3 Transcription Factor. <i>PLoS ONE</i> , 2016, 11, e0161659.	2.5	17
54	SEQUENCE SLIDER: a multi sequence evaluator and its application in venomics. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2015, 71, s167-s167.	0.1	1

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55	Transcriptionally active LTR retrotransposons in Eucalyptus genus are differentially expressed and insertionally polymorphic. BMC Plant Biology, 2015, 15, 198.	3.6	28
56	Structural and functional evidence for membrane docking and disruption sites on phospholipase A ₂ -like proteins revealed by complexation with the inhibitor suramin. Acta Crystallographica Section D: Biological Crystallography, 2015, 71, 2066-2078.	2.5	25
57	Quantitative Decomposition of Dynamics of Mathematical Cell Models: Method and Application to Ventricular Myocyte Models. PLoS ONE, 2015, 10, e0124970.	2.5	4
58	Structure of Importin- β from a Filamentous Fungus in Complex with a Classical Nuclear Localization Signal. PLoS ONE, 2015, 10, e0128687.	2.5	12
59	Structural Basis for the Inhibition of a Phospholipase A ₂ -Like Toxin by Caffeic and Aristolochic Acids. PLoS ONE, 2015, 10, e0133370.	2.5	33
60	Alkylation of Histidine Residues of <i>Bothrops jararacussu</i> Venom Proteins and Isolated Phospholipases A_2 from <i>Crotalus durissus terrificus</i> : A Biotechnological Tool to Improve the Production of Antibodies. BioMed Research International, 2014, 2014, 1-12.		
61	An Evaluation of 3-Rhamnosylquercetin, a Glycosylated Form of Quercetin, against the Myotoxic and Edematogenic Effects of sPLA ₂ from <i>Crotalus durissus terrificus</i> . BioMed Research International, 2014, 2014, 1-11.	1.9	16
62	RPA α 1 from <i>Leishmania amazonensis</i> (LaRPA α 1) structurally differs from other eukaryote RPA α 1 and interacts with telomeric DNA via its N-terminal OB-fold domain. FEBS Letters, 2014, 588, 4740-4748.	2.8	15
63	Crystallization and preliminary X-ray crystallographic analysis of importin- β from <i>Neurospora crassa</i> . Acta Crystallographica Section F, Structural Biology Communications, 2014, 70, 501-504.	0.8	2
64	Isolation and biochemical characterization of a β -type phospholipase A ₂ inhibitor from <i>Crotalus durissus collilineatus</i> snake serum. Toxicon, 2014, 81, 58-66.	1.6	21
65	A structure-based proposal for a comprehensive myotoxic mechanism of phospholipase A ₂ -like proteins from viperid snake venoms. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2014, 1844, 2265-2276.	2.3	73
66	Insights on the structure of native CNF, an endogenous phospholipase A ₂ inhibitor from <i>Crotalus durissus terrificus</i> , the South American rattlesnake. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2014, 1844, 1569-1579.	2.3	14
67	Structural bases for a complete myotoxic mechanism: Crystal structures of two non-catalytic phospholipases A ₂ -like from <i>Bothrops brazili</i> venom. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2013, 1834, 2772-2781.	2.3	33
68	Structural and functional studies with myotoxin II from <i>Bothrops moojeni</i> reveal remarkable similarities and differences compared to other catalytically inactive phospholipases A ₂ -like. Toxicon, 2013, 72, 52-63.	1.6	25
69	Phylogenetic and structural studies of a novel equine papillomavirus identified from aural plaques. Veterinary Microbiology, 2013, 162, 85-93.	1.9	15
70	Biochemical, functional, structural and phylogenetic studies on Intercro, a new isoform phospholipase A ₂ from <i>Crotalus durissus terrificus</i> snake venom. Biochimie, 2013, 95, 2365-2375.	2.6	14
71	Triacetyl p-coumarate: An inhibitor of snake venom metalloproteinases. Phytochemistry, 2013, 86, 72-82.	2.9	31
72	Biophysical Characterization of the Recombinant Importin- β from <i>Neurospora crassa</i> . Protein and Peptide Letters, 2013, 20, 8-16.	0.9	10

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73	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
74	Biophysical characterization of the recombinant importin- β from <i>Neurospora crassa</i> . Protein and Peptide Letters, 2013, 20, 8-16.	0.9	6
75	Crystallization and preliminary X-ray diffraction analysis of three myotoxic phospholipases A ₂ from <i>Bothrops brazili</i> venom. Acta Crystallographica Section F: Structural Biology Communications, 2012, 68, 935-938.	0.7	1
76	Structural basis of nuclear import of flap endonuclease 1 (FEN1). Acta Crystallographica Section D: Biological Crystallography, 2012, 68, 743-750.	2.5	12
77	Molecular cloning and biochemical characterization of a myotoxin inhibitor from <i>Bothrops alternatus</i> snake plasma. Biochimie, 2011, 93, 583-592.	2.6	21
78	Structural Basis of Importin- β -Mediated Nuclear Transport for Ku70 and Ku80. Journal of Molecular Biology, 2011, 412, 226-234.	4.2	37
79	Structural and Functional Studies of a Bothropic Myotoxin Complexed to Rosmarinic Acid: New Insights into Lys49-PLA2 Inhibition. PLoS ONE, 2011, 6, e28521.	2.5	50
80	Crystallization and preliminary X-ray diffraction analysis of a Lys49-phospholipase A ₂ complexed with caffeic acid, a molecule with inhibitory properties against snake venoms. Acta Crystallographica Section F: Structural Biology Communications, 2011, 67, 249-252.	0.7	7
81	Crystallization and preliminary X-ray diffraction studies of BmooPLA ₂ -I, a platelet-aggregation inhibitor and hypotensive phospholipase A ₂ from <i>Bothrops moojeni</i> venom. Acta Crystallographica Section F: Structural Biology Communications, 2011, 67, 900-902.	0.7	3
82	Structural, functional, and bioinformatics studies reveal a new snake venom homologue phospholipase A ₂ class. Proteins: Structure, Function and Bioinformatics, 2011, 79, 61-78.	2.6	44
83	Crystallization and preliminary X-ray crystallographic studies of a Lys49-phospholipase A ₂ homologue from <i>Bothrops pirajai</i> venom complexed with rosmarinic acid. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 699-701.	0.7	6
84	In vivo uptake of a haem analogue Zn protoporphyrin IX by the human malaria parasite <i>P. falciparum</i> -infected red blood cells. Cell Biology International, 2010, 34, 859-865.	3.0	13
85	Probing the Specificity of Binding to the Major Nuclear Localization Sequence-binding Site of Importin- β Using Oriented Peptide Library Screening. Journal of Biological Chemistry, 2010, 285, 19935-19946.	3.4	56
86	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-PLA2s. Journal of Structural Biology, 2010, 171, 31-43.	2.8	46
87	Crotoxin: Novel activities for a classic β -neurotoxin. Toxicon, 2010, 55, 1045-1060.	1.6	110
88	Crystallization and preliminary X-ray diffraction analysis of crotoxin B from <i>Crotalus durissus collilineatus</i> venom. Acta Crystallographica Section F: Structural Biology Communications, 2009, 65, 1011-1013.	0.7	8
89	Crystal structure of a phospholipase A2 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, 1583-1590.	2.3	33
90	Structural and functional properties of Bp-LAAO, a new l-amino acid oxidase isolated from <i>Bothrops pauloensis</i> snake venom. Biochimie, 2009, 91, 490-501.	2.6	90

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91	Identification of continuous interaction sites in PLA2-based protein complexes by peptide arrays. <i>Biochimie</i> , 2009, 91, 1482-1492.	2.6	18
92	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
93	Editorial [Hot Topic: Structural-Functional Studies of Animal Toxins (Guest Editor: Marcos R.M.)] <i>ETQq1</i> 1 0.784314 rgBT /Overlock 0.9	0.9	0
94	Influence of Quaternary Conformation on the Biological Activities of the Asp49-phospholipases A2s from Snake Venoms. <i>Protein and Peptide Letters</i> , 2009, 16, 852-859.	0.9	15
95	The Intriguing Phospholipases A2 Homologues: Relevant Structural Features on Myotoxicity and Catalytic Inactivity. <i>Protein and Peptide Letters</i> , 2009, 16, 887-893.	0.9	25
96	Insights into the role of oligomeric state on the biological activities of crotoxin: Crystal structure of a tetrameric phospholipase A ₂ 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
97	Crystal structure of a myotoxic Asp49-phospholipase A2 with low catalytic activity: Insights into Ca ²⁺ -independent catalytic mechanism. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2008, 1784, 591-599.	2.3	30
98	Molecular characterization of B _{jussu} SP-I, a new thrombin-like enzyme with procoagulant and kallikrein-like activity isolated from <i>Bothrops jararacussu</i> snake venom. <i>Biochimie</i> , 2008, 90, 500-507.	2.6	23
99	Crystallization and Preliminary X-Ray Crystallographic Studies of a Myotoxic Lys49-phospholipase A2 from <i>Bothrops jararacussu</i> Venom Complexed with α -Tocopherol Inhibitor. <i>The Open Crystallography Journal</i> , 2008, 1, 6-9.	0.4	1
100	Preliminary X-Ray Crystallographic Studies of a Lys49-Phospholipase A2 Homologue from <i>Bothrops pirajai</i> Venom Complexed with p-Bromophenacyl Bromide and α -Tocopherol Inhibitors. <i>Protein and Peptide Letters</i> , 2007, 14, 698-701.	0.9	6
101	Snake Venom Phospholipase A2 Inhibitors: Medicinal Chemistry and Therapeutic Potential. <i>Current Topics in Medicinal Chemistry</i> , 2007, 7, 743-756.	2.1	87
102	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
103	Molecular approaches for structural characterization of <i>Bothrops</i> l-amino acid oxidases with antiprotozoal activity: cDNA cloning, comparative sequence analysis, and molecular modeling. <i>Biochemical and Biophysical Research Communications</i> , 2007, 355, 302-306.	2.1	48
104	Molecular characterization and phylogenetic analysis of B _{jussu} MP-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
105	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
106	<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
107	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
108	Preliminary X-ray crystallographic studies of B _{thTX} -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

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109	Crystallization and preliminary X-ray diffraction analysis of importin- β complexed with NLS peptidomimetics. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2005, 1750, 9-13.	2.3	2
110	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
111	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
112	Crystallization and Preliminary X-Ray Diffraction Studies of Two Myotoxic Lys49-Phospholipases A2 Complexed with α -Tocopherol. <i>Protein and Peptide Letters</i> , 2005, 12, 819-822.	0.9	0
113	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
114	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
115	Phospholipase A2 Myotoxins from <i>Bothrops</i> Snake Venoms: Structure- Function Relationship. <i>Current Organic Chemistry</i> , 2004, 8, 1677-1690.	1.6	88
116	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
117	Crystallization and preliminary X-ray diffraction analysis of an acidic phospholipase A2 complexed with p-bromophenacyl bromide and α -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
118	Analysis of <i>Bothrops jararacussu</i> venomous gland transcriptome focusing on structural and functional aspects. All 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).; α -gene expression profile of highly expressed phospholipases A2. <i>Biochimie</i> , 2004, 86, 211-219.	2.6	96
119	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
120	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
121	Structural Basis for the Specificity of Bipartite Nuclear Localization Sequence Binding by Importin- β . <i>Journal of Biological Chemistry</i> , 2003, 278, 27981-27987.	3.4	175
122	Role of flanking sequences and phosphorylation in the recognition of the simian-virus-40 large T-antigen nuclear localization sequences by importin- β . <i>Biochemical Journal</i> , 2003, 375, 339-349.	3.7	102
123	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
124	The Structure of HLA-B8 Complexed to an Immunodominant Viral Determinant: Peptide-Induced Conformational Changes and a Mode of MHC Class I Dimerization. <i>Journal of Immunology</i> , 2002, 169, 5153-5160.	0.8	71
125	cDNA sequence and molecular modeling of a nerve growth factor from <i>Bothrops jararacussu</i> venomous gland. <i>Biochimie</i> , 2002, 84, 675-680.	2.6	16
126	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

#	ARTICLE	IF	CITATIONS
127	Crystallization and preliminary X-ray diffraction studies of FHA domains of Dun1 and Rad53 protein kinases. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2001, 57, 459-461.	2.5	0
128	Biophysical Characterization of Interactions Involving Importin- β during Nuclear Import. <i>Journal of Biological Chemistry</i> , 2001, 276, 34189-34198.	3.4	145
129	Comparative Biochemical Studies of Myotoxic Phospholipase A2 From Bothrops Venom. <i>Protein and Peptide Letters</i> , 2001, 8, 179-186.	0.9	3
130	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
131	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
132	Structural basis of recognition of monopartite and bipartite nuclear localization sequences by mammalian importin- β Edited by K. Nagai. <i>Journal of Molecular Biology</i> , 2000, 297, 1183-1194.	4.2	356
133	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
134	Crystal Structure of Myotoxin II, a Monomeric Lys49-Phospholipase A2 Homologue Isolated from the Venom of <i>Cerrophidion (Bothrops) godmani</i> . <i>Archives of Biochemistry and Biophysics</i> , 1999, 366, 177-182.	3.0	61
135	Crystallization, preliminary x-ray analysis and patterson search of a new aspartic protease isolated from human urine. <i>IUBMB Life</i> , 1998, 46, 355-363.	3.4	0
136	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 & Integrative Physiology</i> , 1998, 121, 215-222.	1.8	60
137	Synthesis, characterization and molecular structures of the pyridinium trans-Bis(pyridine)tetrachlororuthenate(III) and pyridinium trans-(carbonyl)(pyridine)tetrachlororuthenate(III). <i>Journal of the Brazilian Chemical Society</i> , 1997, 8, 641-647.	0.6	2
138	RuCl ₂ (CO) ₂ (N-methylimidazole) ₂ Isomers: Synthesis, Characterization and Reactivity. <i>Journal of the Brazilian Chemical Society</i> , 1996, 7, 257-262.	0.6	3
139	Structure and catalytic mechanism of glucosamine 6-phosphate deaminase from <i>Escherichia coli</i> at 2.1 Å resolution. <i>Structure</i> , 1995, 3, 1323-1332.	3.3	84
140	NOTE: THE CRYSTAL AND MOLECULAR STRUCTURE OF BIS[1,3-BIS(DIPHENYLPHOSPHINO) PROPANE] DICHLORORUTHENIUM (II). <i>Journal of Coordination Chemistry</i> , 1993, 30, 125-129.	2.2	13
141	Structure of 1,4-bis(diphenylphosphinoyl)butane. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1991, 47, 2699-2700.	0.4	3