

# Marcos Hikari Toyama

## List of Publications by Year in descending order

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151  
papers

3,925  
citations

117625

34  
h-index

197818

49  
g-index

151  
all docs

151  
docs citations

151  
times ranked

3515  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Serine or Threonine in the Active Site of Typical 2-Cys Prx on Hyperoxidation Susceptibility and on Chaperone Activity. <i>Antioxidants</i> , 2021, 10, 1032.	5.1	5
2	Evaluation of the Inhibitory Potential of Casuarictin, an Ellagitannin Isolated from White Mangrove ( <i>Laguncularia racemosa</i> ) Leaves, on Snake Venom Secretory Phospholipase A2. <i>Marine Drugs</i> , 2019, 17, 403.	4.6	7
3	Anti-ophidian activity of <i>Bredemeyera floribunda</i> Willd. (Polygalaceae) root extract on the local effects induced by <i>Bothrops jararacussu</i> venom. <i>Brazilian Journal of Medical and Biological Research</i> , 2019, 52, e7581.	1.5	8
4	LC-ESI-IT-MS/MS and MALDI-TOF Approach: Identification of Natural Polymers from <i>Rhizophora mangle</i> Barks and Determination of Their Analgesic and Anti-inflammatory Properties. <i>Natural Products and Bioprospecting</i> , 2019, 9, 23-34.	4.3	3
5	Effect of phospholipase A2 inhibitors during infection caused by <i>Leishmania (Leishmania) amazonensis</i> . <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2018, 24, 21.	1.4	11
6	Edema Induced by a <i>Crotalus durissus terrificus</i> Venom Serine Protease (Cdtsp 2) Involves the PAR Pathway and PKC and PLC Activation. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2405.	4.1	11
7	Evaluation of KIM-1 as an early biomarker of snakebite-induced AKI in mice. <i>Toxicon</i> , 2018, 151, 24-28.	1.6	9
8	Purification and characterization of the first $\hat{I}^3$ -phospholipase inhibitor ( $\hat{I}^3$ PLI) from <i>Bothrops jararaca</i> snake serum. <i>PLoS ONE</i> , 2018, 13, e0193105.	2.5	18
9	Renal effects of <i>Bunodosoma caissarum</i> crude extract: Prostaglandin and endothelin involvement. <i>Toxicon</i> , 2017, 138, 78-81.	1.6	0
10	Non-Clinical Studies for Evaluation of 8-C-Rhamnosyl Apigenin Purified from <i>Peperomia obtusifolia</i> against Acute Edema. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1972.	4.1	14
11	Evaluation of Rhamnetin as an Inhibitor of the Pharmacological Effect of Secretory Phospholipase A2. <i>Molecules</i> , 2017, 22, 1441.	3.8	30
12	Catalytic Thr or Ser Residue Modulates Structural Switches in 2-Cys Peroxiredoxin by Distinct Mechanisms. <i>Scientific Reports</i> , 2016, 6, 33133.	3.3	47
13	Involvement of Nitric Oxide on <i>Bothropoides insularis</i> Venom Biological Effects on Murine Macrophages In Vitro. <i>PLoS ONE</i> , 2016, 11, e0151029.	2.5	6
14	Evaluation of Potential Thrombin Inhibitors from the White Mangrove ( <i>Laguncularia racemosa</i> (L.)) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	4.6	12
15	L-Aminoacid Oxidase from <i>Bothrops leucurus</i> Venom Induces Nephrotoxicity via Apoptosis and Necrosis. <i>PLoS ONE</i> , 2015, 10, e0132569.	2.5	25
16	<i>Bothropoides pauloensis</i> venom effects on isolated perfused kidney and cultured renal tubular epithelial cells. <i>Toxicon</i> , 2015, 108, 126-133.	1.6	16
17	l-amino acid oxidase from <i>Bothrops marajoensis</i> causes nephrotoxicity in isolated perfused kidney and cytotoxicity in MDCK renal cells. <i>Toxicon</i> , 2015, 104, 52-56.	1.6	14
18	An Evaluation of 3-Rhamnosylquercetin, a Glycosylated Form of Quercetin, against the Myotoxic and Edematogenic Effects of sPLA <sub>2</sub> from <i>Crotalus durissus terrificus</i> . <i>BioMed Research International</i> , 2014, 2014, 1-11.	1.9	16

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19	Effect of Chlorogenic Acid (5-Caffeoylquinic Acid) Isolated from <i>Baccharis oxyodonta</i> on the Structure and Pharmacological Activities of Secretory Phospholipase A2 from <i>Crotalus durissus terrificus</i> . <i>BioMed Research International</i> , 2014, 2014, 1-10.	1.9	22
20	Inhibition of inducible nitric oxide synthase-derived nitric oxide as a therapeutic target for acute pancreatitis induced by secretory phospholipase A2. <i>European Journal of Pain</i> , 2014, 18, 691-700.	2.8	21
21	Identification of two novel cytotoxins from the hydrozoan <i>Olindias sambaquiensis</i> (Cnidaria). <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2014, 20, 10.	1.4	14
22	<i>Bothropoides insularis</i> venom cytotoxicity in renal tubular epithelia cells. <i>Toxicon</i> , 2014, 88, 107-114.	1.6	17
23	The ovarian cycle histochemistry and its relationship with hepatopancreas weight in the blue crab <i>Callinectes danae</i> (Crustacea: Portunidae). <i>Acta Zoologica</i> , 2013, 94, 134-146.	0.8	28
24	Solanidane and iminosolanidane alkaloids from <i>Solanum campaniforme</i> . <i>Phytochemistry</i> , 2013, 96, 457-464.	2.9	17
25	Sulfated polysaccharide extracted of the green algae <i>Caulerpa racemosa</i> increase the enzymatic activity and paw edema induced by sPLA2 from <i>Crotalus durissus terrificus</i> venom. <i>Revista Brasileira De Farmacognosia</i> , 2013, 23, 635-643.	1.4	8
26	Vasoconstrictor effect of Africanized honeybee ( <i>Apis mellifera</i> L.) venom on rat aorta. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2013, 19, 24.	1.4	4
27	Isolation, homology modeling and renal effects of a C-type natriuretic peptide from the venom of the Brazilian yellow scorpion ( <i>Tityus serrulatus</i> ). <i>Toxicon</i> , 2013, 74, 19-26.	1.6	14
28	<i>Bothrops leucurus</i> venom induces nephrotoxicity in the isolated perfused kidney and cultured renal tubular epithelia. <i>Toxicon</i> , 2013, 61, 38-46.	1.6	32
29	Evaluation of Macroalgae Sulfated Polysaccharides on the <i>Leishmania (L.) amazonensis</i> Promastigote. <i>Marine Drugs</i> , 2013, 11, 934-943.	4.6	46
30	Inhibition of Neurotoxic Secretory Phospholipases A2 Enzymatic, Edematogenic, and Myotoxic Activities by Harpalycin 2, an Isoflavone Isolated from <i>Harpalyce brasiliana</i> Benth. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-9.	1.2	12
31	Harpalycin 2 inhibits the enzymatic and platelet aggregation activities of PrTX-III, a D49 phospholipase A2 from <i>Bothrops pirajai</i> venom. <i>BMC Complementary and Alternative Medicine</i> , 2012, 12, 139.	3.7	10
32	Proteins of <i>Leishmania (Viannia) shawi</i> confer protection associated with Th1 immune response and memory generation. <i>Parasites and Vectors</i> , 2012, 5, 64.	2.5	8
33	Spermatogenesis, Spermatophore, and Seminal Fluid Production in the Adult Blue Crab <i>Callinectes danae</i> (Portunidae). <i>Journal of Crustacean Biology</i> , 2012, 32, 249-262.	0.8	49
34	Effects of a lectin-like protein isolated from <i>Acacia farnesiana</i> seeds on phytopathogenic bacterial strains and root-knot nematode. <i>Pesticide Biochemistry and Physiology</i> , 2012, 103, 15-22.	3.6	15
35	<i>Leishmania (Viannia) shawi</i> purified antigens confer protection against murine cutaneous leishmaniasis. <i>Inflammation Research</i> , 2012, 61, 255-263.	4.0	3
36	Antiophidic Solanidane Steroidal Alkaloids from <i>Solanum campaniforme</i> . <i>Journal of Natural Products</i> , 2011, 74, 2168-2173.	3.0	19

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37	Umbelliferone induces changes in the structure and pharmacological activities of Bn IV, a phospholipase A2 isoform isolated from <i>Bothrops neuwiedi</i> . <i>Toxicon</i> , 2011, 57, 851-860.	1.6	21
38	Crystal structure of Bn IV in complex with myristic acid: A Lys49 myotoxic phospholipase A2 from <i>Bothrops neuwiedi</i> venom. <i>Biochimie</i> , 2011, 93, 513-518.	2.6	22
39	Abdominal hyperalgesia in secretory phospholipase A <sub>2</sub> -induced rat pancreatitis: Distinct roles of NK <sub>1</sub> receptors. <i>European Journal of Pain</i> , 2011, 15, 900-906.	2.8	11
40	Evaluation of anti-inflammatory activity of derivatives from aerial parts of <i>Baccharis uncinella</i> . <i>Pharmaceutical Biology</i> , 2011, 49, 602-607.	2.9	18
41	Renal and vascular effects of <i>Crotalus durissus cumanensis</i> venom and its crotoxin fraction. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2011, 17, 333-347.	1.4	3
42	Renal- and calcium-dependent vascular effects of <i>Polybia paulista</i> wasp venom. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2011, 17, 199-208.	1.4	5
43	Modulation of the Pharmacological Activities of Secretory Phospholipase A2 from <i>Crotalus durissus cascavella</i> Induced by Naringin. <i>Molecules</i> , 2011, 16, 738-761.	3.8	5
44	A Catalytically Inactive Lys49 PLA2 Isoform from <i>Bothrops jararacussu</i> venom that Stimulates Insulin Secretion in Pancreatic Beta Cells. <i>Protein and Peptide Letters</i> , 2011, 18, 1133-1139.	0.9	11
45	Quercetin as an inhibitor of snake venom secretory phospholipase A2. <i>Chemico-Biological Interactions</i> , 2011, 189, 9-16.	4.0	62
46	A Trypsin Inhibitor from <i>Sapindus saponaria</i> L. Seeds: Purification, Characterization, and Activity Towards Pest Insect Digestive Enzyme. <i>Protein Journal</i> , 2011, 30, 9-19.	1.6	34
47	Anti-leishmanial effects of purified compounds from aerial parts of <i>Baccharis uncinella</i> C. DC. (Asteraceae). <i>Parasitology Research</i> , 2011, 108, 529-536.	1.6	57
48	The extract of the jellyfish <i>Phyllorhiza punctata</i> promotes neurotoxic effects. <i>Journal of Applied Toxicology</i> , 2011, 31, 720-729.	2.8	10
49	Effects of Low Molecular Weight Sulfated Galactan Fragments From <i>Botryocladia Occidentalis</i> on the Pharmacological and Enzymatic Activity of SPla2 From <i>Crotalus Durissus Cascavella</i> . <i>Protein Journal</i> , 2010, 29, 567-571.	1.6	8
50	Brazilian Ginseng extraction via LPSE and SFE: Global yields, extraction kinetics, chemical composition and antioxidant activity. <i>Journal of Supercritical Fluids</i> , 2010, 54, 38-45.	3.2	49
51	Antimicrobial activity of an L-amino acid oxidase isolated from <i>Bothrops leucurus</i> snake venom. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2010, 16, 614-622.	1.4	15
52	Purification and biological effects of a C-type lectin isolated from <i>Bothrops moojeni</i> . <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2010, 16, 493-504.	1.4	11
53	Effect of the synthetic coumarin, ethyl 2-oxo-2H-chromene-3-carboxylate, on activity of <i>Crotalus durissus ruruima</i> sPLA2 as well as on edema and platelet aggregation induced by this factor. <i>Toxicon</i> , 2010, 55, 1527-1530.	1.6	11
54	Antibacterial and antiparasitic effects of <i>Bothrops marajoensis</i> venom and its fractions: Phospholipase A2 and L-amino acid oxidase. <i>Toxicon</i> , 2010, 55, 795-804.	1.6	100

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55	Renal and cardiovascular effects of Bothrops marajoensis venom and phospholipase A2. <i>Toxicon</i> , 2010, 55, 1061-1070.	1.6	34
56	Neuropathy of Gastrointestinal Chagasâ€™ Disease: Immune Response to Myelin Antigens. <i>NeuroImmunoModulation</i> , 2009, 16, 54-62.	1.8	19
57	Association of free amino acids with caries experience and mutans streptococci levels in whole saliva of children with early childhood caries. <i>Archives of Oral Biology</i> , 2009, 54, 80-85.	1.8	22
58	Enzymatic and structural characterization of new PLA2 isoform isolated from white venom of <i>Crotalus durissus ruruima</i> . <i>Toxicon</i> , 2009, 53, 104-114.	1.6	37
59	Effect of umbelliferone (7-hydroxycoumarin, 7-HOC) on the enzymatic, edematogenic and necrotic activities of secretory phospholipase A2 (sPLA2) isolated from <i>Crotalus durissus collilineatus</i> venom. <i>Toxicon</i> , 2009, 53, 417-426.	1.6	42
60	Effects of <i>Tityus serrulatus</i> scorpion venom on lung mechanics and inflammation in mice. <i>Toxicon</i> , 2009, 53, 779-785.	1.6	26
61	Purification and characterization of the biological effects of phospholipase A2 from sea anemone <i>Bunodosoma caissarum</i> . <i>Toxicon</i> , 2009, 54, 413-420.	1.6	35
62	<i>Myzobdella Platensis</i> (Hirudinida: Piscicolidae) is True Parasite of Blue Crabs (Crustacea: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td 0.7 5	0.7	5
63	Extracellular Matrix of Porcine Pericardium: Biochemistry and Collagen Architecture. <i>Journal of Membrane Biology</i> , 2008, 221, 15-25.	2.1	28
64	Purification of a PHA-Like Chitin-binding Protein from <i>Acacia farnesiana</i> Seeds: A Time-dependent Oligomerization Protein. <i>Applied Biochemistry and Biotechnology</i> , 2008, 150, 97-111.	2.9	14
65	The effect of phospholipase A2 from <i>Crotalus durissus collilineatus</i> on <i>Leishmania (Leishmania) amazonensis</i> infection. <i>Parasitology Research</i> , 2008, 102, 1025-1033.	1.6	33
66	Role of phospholipase A <sub>2</sub> and tyrosine kinase in <i>Clostridium difficile</i> toxin Aâ€•induced disruption of epithelial integrity, histologic inflammatory damage and intestinal secretion. <i>Journal of Applied Toxicology</i> , 2008, 28, 849-857.	2.8	16
67	Increased L-CPT-1 activity and altered gene expression in pancreatic islets of malnourished adult rats: a possible relationship between elevated free fatty acid levels and impaired insulin secretion. <i>Journal of Nutritional Biochemistry</i> , 2008, 19, 85-90.	4.2	9
68	Renal and vascular effects of the natriuretic peptide isolated from <i>Crotalus durissus cascavella</i> venom. <i>Toxicon</i> , 2008, 52, 737-744.	1.6	35
69	Purification and renal effects of phospholipase A2 isolated from <i>Bothrops insularis</i> venom. <i>Toxicon</i> , 2008, 51, 181-190.	1.6	16
70	Purification and biological effects of L-amino acid oxidase isolated from <i>Bothrops insularis</i> venom. <i>Toxicon</i> , 2008, 51, 199-207.	1.6	36
71	Purification and Preliminary Crystallographic Analysis of a New Lys49-PLA2 from <i>B. Jararacussu</i> . <i>International Journal of Molecular Sciences</i> , 2008, 9, 736-750.	4.1	10
72	The effect of treatment with crotapotin on the evolution of experimental autoimmune neuritis induced in Lewis rats. <i>Toxicon</i> , 2007, 49, 299-305.	1.6	20

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73	Purification and biological activity of the thrombin-like substance isolated from <i>Bothrops insularis</i> venom. <i>Toxicon</i> , 2007, 49, 329-338.	1.6	8
74	Extraction, purification and biochemical characterization of a peroxidase from <i>Copaifera langsdorffii</i> leaves. <i>Quimica Nova</i> , 2007, 30, 1067-1071.	0.3	22
75	Purification and n-terminal sequencing of two presynaptic neurotoxic PLA2, neuwieditoxin-I and neuwieditoxin-II, from <i>Bothrops neuwiedi pauloensis</i> (jararaca pintada) venom. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2007, 13, 103-121.	1.4	14
76	Crystallization and preliminary X-ray crystallographic analysis of the heterodimeric crotoxin complex and the isolated subunits crotapotin and phospholipase A2. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2007, 63, 287-290.	0.7	9
77	Blood amino acids concentration during insulin induced hypoglycemia in rats: the role of alanine and glutamine in glucose recovery. <i>Amino Acids</i> , 2007, 33, 151-155.	2.7	25
78	Comparative studies of the anti-leishmanial activity of three <i>Crotalus durissus</i> ssp. venoms. <i>Parasitology Research</i> , 2007, 101, 1365-1371.	1.6	52
79	Purification and biological effects of <i>Araucaria angustifolia</i> (Araucariaceae) seed lectin. <i>Biochemical and Biophysical Research Communications</i> , 2006, 350, 1050-1055.	2.1	65
80	Isolation of a new l-amino acid oxidase from <i>Crotalus durissus cascavella</i> venom. <i>Toxicon</i> , 2006, 47, 47-57.	1.6	113
81	Effects of <i>Crotalus durissus collilineatus</i> venom in the isolated rat kidney. <i>Toxicon</i> , 2006, 47, 260-264.	1.6	14
82	The role of indomethacin and tezosentan on renal effects induced by <i>Bothrops moojeni</i> Lys49 myotoxin I. <i>Toxicon</i> , 2006, 47, 831-837.	1.6	12
83	Purification and biological effects of C-type lectin isolated from <i>Bothrops insularis</i> venom. <i>Toxicon</i> , 2006, 47, 859-867.	1.6	20
84	cDNA cloning and 1.75Å... crystal structure determination of PPL2, an endochitinase and N-acetylglucosamine-binding hemagglutinin from <i>Parkia platycephala</i> seeds. <i>FEBS Journal</i> , 2006, 273, 3962-3974.	4.7	25
85	Crotacetin, a Novel Snake Venom C-Type Lectin Homolog of Convulxin, Exhibits an Unpredictable Antimicrobial Activity. <i>Cell Biochemistry and Biophysics</i> , 2006, 44, 412-423.	1.8	31
86	Characterization of a New Platelet Aggregating Factor from Crotoxin <i>Crotalus durissus cascavella</i> Venom. <i>Protein Journal</i> , 2006, 25, 183-192.	1.6	24
87	Phosphoinositide-Specific Inositol Polyphosphate 5-Phosphatase IV Inhibits Inositide Trisphosphate Accumulation in Hypothalamus and Regulates Food Intake and Body Weight. <i>Endocrinology</i> , 2006, 147, 5385-5399.	2.8	32
88	Circulating leukocyte heat shock protein 70 (HSP70) and oxidative stress markers in rats after a bout of exhaustive exercise. <i>Stress</i> , 2006, 9, 107-115.	1.8	24
89	Structure?Function Relationship of New Crotamine Isoform from the <i>Crotalus durissus cascavella</i> . <i>Protein Journal</i> , 2005, 24, 9-19.	1.6	18
90	Biological and Structural Characterization of a New PLA2 from the <i>Crotalus durissus collilineatus</i> Venom. <i>Protein Journal</i> , 2005, 24, 103-112.	1.6	30

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91	Biochemical, Pharmacological and Structural Characterization of a New PLA2 from <i>Crotalus durissus terrificus</i> (South American Rattlesnake) Venom. <i>Protein Journal</i> , 2005, 24, 233-242.	1.6	29
92	Determination of the Amino Acid Sequence of a New Phospholipase A2 (MIDCA1) Isolated from <i>Micrurus dumerilii carinicauda</i> Venom. <i>Protein Journal</i> , 2005, 24, 147-153.	1.6	14
93	Crystallization and preliminary X-ray diffraction analysis of a new chitin-binding protein from <i>Parkia platycephala</i> seeds. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2005, 61, 841-843.	0.7	5
94	A new C-type animal lectin isolated from <i>Bothrops pirajai</i> is responsible for the snake venom major effects in the isolated kidney. <i>International Journal of Biochemistry and Cell Biology</i> , 2005, 37, 130-141.	2.8	31
95	Characterization of the insulinotropic action of a phospholipase A2 isolated from <i>Crotalus durissus collilineatus</i> rattlesnake venom on rat pancreatic islets. <i>Toxicon</i> , 2005, 45, 243-248.	1.6	15
96	Renal effects and vascular reactivity induced by <i>Tityus serrulatus</i> venom. <i>Toxicon</i> , 2005, 46, 271-276.	1.6	48
97	Renal and antibacterial effects induced by myotoxin I and II isolated from <i>Bothrops jararacussu</i> venom. <i>Toxicon</i> , 2005, 46, 376-386.	1.6	50
98	Action of anti-bothropic factor isolated from <i>Didelphis marsupialis</i> on renal effects of <i>Bothrops erythromelas</i> venom. <i>Toxicon</i> , 2005, 46, 595-599.	1.6	9
99	Effects of morin on snake venom phospholipase A2 (PLA2). <i>Toxicon</i> , 2005, 46, 751-758.	1.6	41
100	Purification and Characterization of a Lectin from <i>Crotalaria paulina</i> Seeds. <i>Protein Journal</i> , 2004, 23, 437-444.	1.6	10
101	The influence of electronic, steric and hydrophobic properties of flavonoid compounds in the inhibition of the xanthine oxidase. <i>Computational and Theoretical Chemistry</i> , 2004, 684, 1-7.	1.5	37
102	Novel Protein from <i>Labramia bojeri</i> A. DC. Seeds Homologue to Kunitz-Type Trypsin Inhibitor with Lectin-like Properties. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 7548-7554.	5.2	19
103	Neurotoxic and myotoxic actions of crotoxin-like and <i>Crotalus durissus cascavella</i> whole venom in the chick biventer cervicis preparation. <i>Toxicon</i> , 2004, 43, 255-261.	1.6	20
104	Biochemical and Biomechanical Analysis of Tendons of Caged and Penned Chickens. <i>Connective Tissue Research</i> , 2004, 45, 206-215.	2.3	25
105	A Low Protein Diet Alters Gene Expression in Rat Pancreatic Islets. <i>Journal of Nutrition</i> , 2004, 134, 321-327.	2.9	33
106	Isolation and Characterization of a Lectin from <i>Annona muricata</i> Seeds. <i>The Protein Journal</i> , 2003, 22, 655-661.	1.1	23
107	Renal Effects of Supernatant from Macrophages Activated by <i>Crotalus durissus cascavella</i> Venom: The Role of Phospholipase A2 and Cyclooxygenase. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2003, 92, 14-20.	0.0	12
108	Structural analysis of <i>Tityus serrulatus</i> Ts1 neurotoxin at atomic resolution: insights into interactions with Na <sup>+</sup> channels. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003, 59, 405-415.	2.5	35

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109	The structure of the D49 phospholipase A2piratoxin III fromBothrops pirajaireveals unprecedented structural displacement of the calcium-binding loop: possible relationship to cooperative substrate binding. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003, 59, 255-262.	2.5	24
110	Inflammatory oedema induced by phospholipases A2 isolated from <i>Crotalus durissus</i> sp. in the rat dorsal skin: a role for mast cells and sensory C-fibers. <i>Toxicon</i> , 2003, 41, 823-829.	1.6	31
111	Biophysical, histopathological and pharmacological characterization of crotamine isoforms F22 and F32. <i>Toxicon</i> , 2003, 41, 493-500.	1.6	11
112	Structural, enzymatic and biological properties of new PLA2 isoform from <i>Crotalus durissus terrificus</i> venom. <i>Toxicon</i> , 2003, 41, 1033-1038.	1.6	68
113	Participation of Na <sup>+</sup> channels in the potentiation by <i>Tityus serrulatus</i> $\hat{\pm}$ -toxin TsTx-V of glucose-induced electrical activity and insulin secretion in rodent islet $\hat{I}^2$ -cells. <i>Toxicon</i> , 2003, 41, 1039-1045.	1.6	17
114	Structural and biological characterization of a crotapotin isoform isolated from <i>Crotalus durissus cascavella</i> venom. <i>Toxicon</i> , 2003, 42, 53-62.	1.6	23
115	Crotapotin induced modification of T lymphocyte proliferative response through interference with PGE2 synthesis. <i>Toxicon</i> , 2003, 42, 433-437.	1.6	18
116	A trypsin inhibitor from <i>Peltophorum dubium</i> seeds active against pest proteases and its effect on the survival of <i>Anagasta kuehniella</i> (Lepidoptera: Pyralidae). <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2003, 1621, 170-182.	2.4	89
117	Purification and Characterization of anN-Acetylglucosamine-Binding Lectin from <i>Koelreuteria paniculata</i> Seeds and Its Effect on the Larval Development of <i>Callosobruchus maculatus</i> (Coleoptera:Â) Tj ETQq1 1 0,784314 rgBT /Over Chemistry, 2003, 51, 2980-2986.	5.2	82
118	Reversal of denervation-induced insulin resistance by SHIP2 protein synthesis blockade. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003, 284, E679-E687.	3.5	26
119	The pharmacological effect of <i>Bothrops neuwiedii pauloensis</i> (jararaca-pintada) snake venom on avian neuromuscular transmission. <i>Brazilian Journal of Medical and Biological Research</i> , 2003, 36, 617-624.	1.5	18
120	Purification And Characterization Of A Lectin From <i>Annona Coriacea</i> Seeds. <i>Protein and Peptide Letters</i> , 2003, 10, 165-173.	0.9	13
121	Determination of <i>Crotalus durissus cascavella</i> venom components that induce renal toxicity in isolated rat kidneys. <i>Toxicon</i> , 2002, 40, 1165-1171.	1.6	34
122	Renal toxicity of <i>Bothrops moojeni</i> snake venom and its main myotoxins. <i>Toxicon</i> , 2002, 40, 1427-1435.	1.6	47
123	Human neutrophil migration in vitro induced by secretory phospholipases A2: a role for cell surface glycosaminoglycans11Abbreviations: PLA2s, phospholipases A2; sPLA2, secretory PLA2; MEM, Eagleâ€™s Minimum Essential Medium; HPF, high-power field; LTB4, leukotriene B4; PAF, platelet-activating factor; and fMLP, N-formyl-methionyl-leucyl-phenylalanine.. <i>Biochemical Pharmacology</i> , 2002, 63, 65-72.	4.4	53
124	Structural and functional characterization of basic PLA2 isolated from <i>Crotalus durissus terrificus</i> venom. <i>The Protein Journal</i> , 2002, 21, 161-168.	1.1	47
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#	ARTICLE	IF	CITATIONS
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128	Isolation and enzymatic characterization of a basic phospholipase A2 from <i>Bothrops jararacussu</i> snake venom. <i>The Protein Journal</i> , 2001, 20, 239-245.	1.1	29
129	Isolation and characterization of a convulxin-like protein from <i>Crotalus durissus collilineatus</i> venom. <i>The Protein Journal</i> , 2001, 20, 585-591.	1.1	15
130	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
131	Inflammatory oedema induced by the Lys-49 phospholipase A2 homologue piratoxin-i in the rat and rabbit. <i>Biochemical Pharmacology</i> , 2000, 59, 1289-1294.	4.4	55
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134	Biochemical characterization of two crotoamine isoforms isolated by a single step RP-HPLC from <i>Crotalus durissus terrificus</i> (South American rattlesnake) venom and their action on insulin secretion by pancreatic islets. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2000, 1474, 56-60.	2.4	51
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138	Crystallization and preliminary X-ray diffraction studies of piratoxin III, a D-49 phospholipase A2 from the venom of <i>Bothrops pirajai</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 1999, 55, 1229-1230.	2.5	14
139	The amino acid sequence of ribitol dehydrogenase-F, a mutant enzyme with improved xylitol dehydrogenase activity. <i>The Protein Journal</i> , 1999, 18, 489-495.	1.1	7
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