

# Carlos D Chavez-Olortegui

## List of Publications by Year in descending order

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165  
papers

3,761  
citations

156536  
32  
h-index

242451  
47  
g-index

167  
all docs

167  
docs citations

167  
times ranked

2729  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological and proteomic characterization of the venom from Peruvian Andes rattlesnake <i>Crotalus durissus</i> . <i>Toxicon</i> , 2022, 207, 31-42.	0.8	5
2	Clinical Effects of the Immunization Protocol Using <i>Loxosceles</i> Venom in Naïve Horses. <i>Toxins</i> , 2022, 14, 338.	1.5	1
3	Partial in vivo protection against Peruvian spider <i>Loxosceles laeta</i> venom by immunization with a multi-epitopic protein (rMEPLox). <i>Toxicon</i> , 2022, 215, 1-5.	0.8	1
4	Production of a murine mAb against <i>Bothrops alternatus</i> and <i>B. neuwiedi</i> snake venoms and its use to isolate a thrombin-like serine protease fraction. <i>International Journal of Biological Macromolecules</i> , 2022, 214, 530-541.	3.6	1
5	Novel components of <i>Tityus serrulatus</i> venom: A transcriptomic approach. <i>Toxicon</i> , 2021, 189, 91-104.	0.8	15
6	History, challenges and perspectives on <i>Loxosceles</i> (brown spiders) antivenom production in Brazil. <i>Toxicon</i> , 2021, 192, 40-45.	0.8	9
7	ACUTE NECROTIZING AND EOSINOPHILIC MYOCARDITIS IN A CHIMPANZEE ( <i>PAN TROGLODYTES</i> ). <i>Journal of Zoo and Wildlife Medicine</i> , 2021, 52, 853-857.	0.3	1
8	A prokaryote system optimization for rMEPLox expression: A promising non-toxic antigen for <i>Loxosceles</i> antivenom production. <i>International Journal of Biological Macromolecules</i> , 2021, 187, 66-75.	3.6	4
9	Preliminary proteomic characterization of <i>Bothriopsis chloromelas</i> (Boulenger, 1912) snake venom from Perú. <i>Toxicon</i> , 2020, 177, S26.	0.8	0
10	Molecular cloning and functional characterization of recombinant Loxtox from <i>Loxosceles similis</i> venom. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 1112-1123.	3.6	2
11	Acidic Phospholipase A2-Peptide Derivative Modulates Oxidative Status and Microstructural Reorganization of Scar Tissue after Cutaneous Injury. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-13.	0.5	2
12	<i>Micrurus surinamensis</i> Peruvian snake venom: Cytotoxic activity and purification of a C-type lectin protein (Ms-CTL) highly toxic to cardiomyoblast-derived H9c2 cells. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 1908-1915.	3.6	4
13	Envenoming by the rattlesnake <i>Crotalus durissus ruruima</i> in the state of Roraima, Brazil. <i>Toxicon: X</i> , 2020, 8, 100061.	1.2	5
14	Proteomic and toxinological characterization of Peruvian pitviper <i>Bothrops brazili</i> (Linnaeus, 1758). <i>Toxicon</i> , 2020, 192, 100061.	0.8	5
15	Engineered antigen containing epitopes from <i>Loxosceles</i> spp. spider toxins induces a monoclonal antibody (Lox-mAb3) against astacin-like metalloproteases. <i>International Journal of Biological Macromolecules</i> , 2020, 162, 490-500.	3.6	7
16	Editorial: Novel Immunotherapies Against Envenomings by Snakes and Other Venomous Animals. <i>Frontiers in Immunology</i> , 2020, 11, 1004.	2.2	7
17	Fibrinogen-clotting enzyme, pictobin, from <i>Bothrops pictus</i> snake venom. Structural and functional characterization. <i>International Journal of Biological Macromolecules</i> , 2020, 153, 779-795.	3.6	11
18	Engineered protein containing crotoxin epitopes induces neutralizing antibodies in immunized rabbits. <i>Molecular Immunology</i> , 2020, 119, 144-153.	1.0	5

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19	Mesenchymal Stromal Cell-Based Therapies as Promising Treatments for Muscle Regeneration After Snakebite Envenoming. <i>Frontiers in Immunology</i> , 2020, 11, 609961.	2.2	4
20	Immunoprotection against lethal effects of <i>Crotalus durissus</i> snake venom elicited by synthetic epitopes trapped in liposomes. <i>International Journal of Biological Macromolecules</i> , 2020, 161, 299-307.	3.6	10
21	Genetic and toxinological divergence among populations of <i>Tityus trivittatus</i> Kraepelin, 1898 (Scorpiones: Buthidae) inhabiting Paraguay and Argentina. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008899.	1.3	4
22	Brown Spider ( <i>Loxosceles</i> ) Venom Toxins as Potential Biotools for the Development of Novel Therapeutics. <i>Toxicon</i> , 2019, 11, 355.	1.5	24
23	Development of a cell-based in vitro assay as a possible alternative for determining bothropic antivenom potency. <i>Toxicon</i> , 2019, 170, 68-76.	0.8	10
24	A Combined Strategy to Improve the Development of a Coral Antivenom Against <i>Micrurus</i> spp.. <i>Frontiers in Immunology</i> , 2019, 10, 2422.	2.2	14
25	Diversity of astacin-like metalloproteases identified by transcriptomic analysis in Peruvian <i>Loxosceles laeta</i> spider venom and in vitro activity characterization. <i>Biochimie</i> , 2019, 167, 81-92.	1.3	12
26	L-amino acid oxidase from <i>Bothrops atrox</i> snake venom triggers autophagy, apoptosis and necrosis in normal human keratinocytes. <i>Scientific Reports</i> , 2019, 9, 781.	1.6	48
27	Determination of hyaluronidase activity in <i>Tityus</i> spp. Scorpion venoms and its inhibition by Brazilian antivenoms. <i>Toxicon</i> , 2019, 167, 134-143.	0.8	17
28	Immunodetection of toxins in histoiresin-embedded sections of <i>Phoneutria nigriventer</i> venom glands using laser confocal scanning microscopy. <i>Toxicon</i> , 2019, 167, 168-171.	0.8	0
29	TsNTxP, a non-toxic protein from <i>Tityus serrulatus</i> scorpion venom, induces antinociceptive effects by suppressing glutamate release in mice. <i>European Journal of Pharmacology</i> , 2019, 855, 65-74.	1.7	15
30	Selected to survive and kill: <i>Tityus serrulatus</i> , the Brazilian yellow scorpion. <i>PLoS ONE</i> , 2019, 14, e0214075.	1.1	12
31	Biochemical and molecular characterization of the hyaluronidase from <i>Bothrops atrox</i> Peruvian snake venom. <i>Biochimie</i> , 2019, 162, 33-45.	1.3	14
32	Serological diagnosis of equine infectious anemia in horses, donkeys and mules using an ELISA with a gp45 synthetic peptide as antigen. <i>Journal of Virological Methods</i> , 2019, 266, 49-57.	1.0	11
33	Identification of a linear B-cell epitope in the catalytic domain of bothropasin, a metalloproteinase from <i>Bothrops jararaca</i> snake venom. <i>Molecular Immunology</i> , 2018, 104, 20-26.	1.0	11
34	CPP-Ts: a new intracellular calcium channel modulator and a promising tool for drug delivery in cancer cells. <i>Scientific Reports</i> , 2018, 8, 14739.	1.6	21
35	Immunoprotection elicited in rabbit by a chimeric protein containing B-cell epitopes of Sphingomyelinases D from <i>Loxosceles</i> spp. spiders. <i>Vaccine</i> , 2018, 36, 7324-7330.	1.7	6
36	Computational B-cell epitope identification and production of neutralizing murine antibodies against Atroxlysin-I. <i>Scientific Reports</i> , 2018, 8, 14904.	1.6	22

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37	Engineered biomarkers for leprosy diagnosis using labeled and label-free analysis. <i>Talanta</i> , 2018, 187, 165-171.	2.9	7
38	Proteomic profile, biological activities and antigenic analysis of the venom from <i>Bothriopsis bilineata smaragdina</i> (œloro machacoœ), a pitviper snake from Peru. <i>Journal of Proteomics</i> , 2018, 187, 171-181.	1.2	10
39	Recombinant Protein Containing B-Cell Epitopes of Different <i>Loxosceles</i> Spider Toxins Generates Neutralizing Antibodies in Immunized Rabbits. <i>Frontiers in Immunology</i> , 2018, 9, 653.	2.2	28
40	In vitro assessment of cytotoxic activities of <i>Lachesis muta muta</i> snake venom. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006427.	1.3	19
41	A proteomic road to acquire an accurate serological diagnosis for human tegumentary leishmaniasis. <i>Journal of Proteomics</i> , 2017, 151, 174-181.	1.2	15
42	Mapping of the continuous epitopes displayed on the <i>Clostridium perfringens</i> type D epsilon-toxin. <i>Brazilian Journal of Microbiology</i> , 2017, 48, 570-575.	0.8	3
43	Genotoxicity evaluation induced by <i>Tityus serrulatus</i> scorpion venom in mice. <i>Toxicon</i> , 2017, 140, 132-138.	0.8	8
44	Biochemical, biological and molecular characterization of an L-Amino acid oxidase (LAO) purified from <i>Bothrops pictus</i> Peruvian snake venom. <i>Toxicon</i> , 2017, 139, 74-86.	0.8	26
45	The scaffold protein Ajuba suppresses CdGAP activity in epithelia to maintain stable cell-cell contacts. <i>Scientific Reports</i> , 2017, 7, 9249.	1.6	10
46	Cardiorespiratory alterations in rodents experimentally envenomed with <i>Hadruroides lunatus</i> scorpion venom. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2017, 23, 2.	0.8	1
47	Epitope mapping of recombinant <i>Leishmania donovani</i> virulence factor A2 (reLdVFA2) and canine leishmaniasis diagnosis using a derived synthetic bi-epitope. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005562.	1.3	16
48	Toxicity of crude and detoxified <i>Tityus serrulatus</i> venom in anti-venom-producing sheep. <i>Journal of Veterinary Science</i> , 2016, 17, 467.	0.5	6
49	Silver and Nitrate Oppositely Modulate Antimony Susceptibility through Aquaglyceroporin 1 in <i>Leishmania</i> (Viannia) Species. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 4482-4489.	1.4	9
50	Description of Loxtox protein family and identification of a new group of Phospholipases D from <i>Loxosceles similis</i> venom gland. <i>Toxicon</i> , 2016, 120, 97-106.	0.8	31
51	Neutralization of toxicological activities of medically-relevant <i>Bothrops</i> snake venoms and relevant toxins by two polyvalent bothropic antivenoms produced in Peru and Brazil. <i>Toxicon</i> , 2016, 122, 67-77.	0.8	25
52	A Heterologous Multiepitope DNA Prime/Recombinant Protein Boost Immunisation Strategy for the Development of an Antiserum against <i>Micrurus corallinus</i> (Coral Snake) Venom. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004484.	1.3	30
53	Protective antibodies against a sphingomyelinase D from <i>Loxosceles intermedia</i> spider venom elicited in mice with different genetic background. <i>Vaccine</i> , 2016, 34, 3828-3834.	1.7	10
54	Identification of protective B-cell epitopes of Atroxlysin-I: A metalloproteinase from <i>Bothrops atrox</i> snake venom. <i>Vaccine</i> , 2016, 34, 1680-1687.	1.7	14

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55	EPI-peptide designer: a tool for designing peptide ligand libraries based on epitope-paratope interactions. <i>Bioinformatics</i> , 2016, 32, 1462-1470.	1.8	9
56	Immunodetection of the brown spider ( <i>Loxosceles intermedia</i> ) dermonecrotxin with an scFv-alkaline phosphatase fusion protein. <i>Immunology Letters</i> , 2016, 173, 1-6.	1.1	16
57	Cardiovascular-Active Venom Toxins: An Overview. <i>Current Medicinal Chemistry</i> , 2016, 23, 603-622.	1.2	13
58	Classification epitopes in groups based on their protein family. <i>BMC Bioinformatics</i> , 2015, 16, S7.	1.2	10
59	Immunodiagnosis of Canine Visceral Leishmaniasis Using Mimotope Peptides Selected from Phage Displayed Combinatorial Libraries. <i>BioMed Research International</i> , 2015, 2015, 1-10.	0.9	8
60	Evolution of alternative methodologies of scorpion antivenoms production. <i>Toxicon</i> , 2015, 97, 64-74.	0.8	27
61	Determination of Toxic Activities in <i>Bothrops</i> spp. Snake Venoms Using Animal-Free Approaches: Correlation Between <i>In Vitro</i> Versus <i>In Vivo</i> Assays. <i>Toxicological Sciences</i> , 2015, 147, 458-465.	1.4	20
62	PnPP-19, a Synthetic and Nontoxic Peptide Designed from a <i>Phoneutria nigriventer</i> Toxin, Potentiates Erectile Function via NO/cGMP. <i>Journal of Urology</i> , 2015, 194, 1481-1490.	0.2	37
63	Serological, biochemical and enzymatic alterations in rodents after experimental envenomation with <i>Hadruroides lunatus</i> scorpion venom. <i>Toxicon</i> , 2015, 103, 129-134.	0.8	10
64	Use of Phage Display technology in development of canine visceral leishmaniasis vaccine using synthetic peptide trapped in sphingomyelin/cholesterol liposomes. <i>Parasites and Vectors</i> , 2015, 8, 133.	1.0	21
65	General characterization of <i>Tityus fasciolatus</i> scorpion venom. Molecular identification of toxins and localization of linear B-cell epitopes. <i>Toxicon</i> , 2015, 99, 109-117.	0.8	6
66	Partial <i>in vitro</i> analysis of toxic and antigenic activities of eleven Peruvian pitviper snake venoms. <i>Toxicon</i> , 2015, 108, 84-96.	0.8	19
67	Anti-loxoscelic horse serum produced against a recombinant dermonecrotic protein of Brazilian <i>Loxosceles intermedia</i> spider neutralize lethal effects of <i>Loxosceles laeta</i> venom from Peru. <i>Toxicon</i> , 2015, 93, 37-40.	0.8	18
68	Identification and characterization of B-cell epitopes of 3FTx and PLA2 toxins from <i>Micrurus corallinus</i> snake venom. <i>Toxicon</i> , 2015, 93, 51-60.	0.8	20
69	Phage Display and Synthetic Peptides as Promising Biotechnological Tools for the Serological Diagnosis of Leprosy. <i>PLoS ONE</i> , 2014, 9, e106222.	1.1	26
70	Genome-Wide Screening and Identification of New <i>Trypanosoma cruzi</i> Antigens with Potential Application for Chronic Chagas Disease Diagnosis. <i>PLoS ONE</i> , 2014, 9, e106304.	1.1	15
71	Molecular, Immunological, and Biological Characterization of <i>Tityus serrulatus</i> Venom Hyaluronidase: New Insights into Its Role in Envenomation. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2693.	1.3	50
72	Use of a Synthetic Biosensor for Neutralizing Activity-Biased Selection of Monoclonal Antibodies against Atroxlysin-I, an Hemorrhagic Metalloproteinase from <i>Bothrops atrox</i> Snake Venom. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2826.	1.3	21

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73	Phage-displayed peptides as capture antigens in an innovative assay for <i>Taenia saginata</i> -infected cattle. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 8887-8894.	1.7	6
74	Recent advances in the understanding of brown spider venoms: From the biology of spiders to the molecular mechanisms of toxins. <i>Toxicon</i> , 2014, 83, 91-120.	0.8	116
75	Long-lasting humoral and cellular immune responses elicited by immunization with recombinant chimeras of the <i>Plasmodium vivax</i> circumsporozoite protein. <i>Vaccine</i> , 2014, 32, 2181-2187.	1.7	11
76	Generation and molecular characterization of a monoclonal antibody reactive with conserved epitope in sphingomyelinases D from <i>Loxosceles</i> spider venoms. <i>Vaccine</i> , 2014, 32, 2086-2092.	1.7	20
77	Molecular and functional characterization of metalloserrulases, new metalloproteases from the <i>Tityus serrulatus</i> venom gland. <i>Toxicon</i> , 2014, 90, 45-55.	0.8	43
78	<i>Clostridium perfringens</i> epsilon toxin: The third most potent bacterial toxin known. <i>Anaerobe</i> , 2014, 30, 102-107.	1.0	72
79	Innovative immunization protocols using chimeric recombinant protein for the production of polyspecific loxoscelic antivenom in horses. <i>Toxicon</i> , 2014, 86, 59-67.	0.8	25
80	Synthetic peptides for <i>in vitro</i> evaluation of the neutralizing potency of <i>Loxosceles</i> antivenoms. <i>Toxicon</i> , 2013, 73, 47-55.	0.8	20
81	ADP is a vasodilator component from <i>Lasiodora</i> sp. mygalomorph spider venom. <i>Toxicon</i> , 2013, 72, 102-112.	0.8	18
82	Biochemical and immunological characteristics of Peruvian <i>Loxosceles laeta</i> spider venom: Neutralization of its toxic effects by anti-loxoscelic antivenoms. <i>Toxicon</i> , 2013, 70, 90-97.	0.8	14
83	Generation and characterization of a recombinant chimeric protein (rCpLi) consisting of B-cell epitopes of a dermonecrotic protein from <i>Loxosceles intermedia</i> spider venom. <i>Vaccine</i> , 2013, 31, 2749-2755.	1.7	38
84	Identification of New Sphingomyelinases D in Pathogenic Fungi and Other Pathogenic Organisms. <i>PLoS ONE</i> , 2013, 8, e79240.	1.1	32
85	Characterization of the antibody response elicited by immunization with pneumococcal surface protein A (PspA) as recombinant protein or DNA vaccine and analysis of protection against an intranasal lethal challenge with <i>Streptococcus pneumoniae</i> . <i>Microbial Pathogenesis</i> , 2012, 53, 243-249.	1.3	18
86	Preclinical testing of Peruvian anti-bothropic anti-venom against <i>Bothrops andianus</i> snake venom. <i>Toxicon</i> , 2012, 60, 1018-1021.	0.8	4
87	Expression of a recombinant Phoneutria toxin active in calcium channels. <i>Toxicon</i> , 2012, 60, 907-918.	0.8	3
88	General biochemical and immunological characteristics of the venom from Peruvian scorpion <i>Hadrurus lunatus</i> . <i>Toxicon</i> , 2012, 60, 934-942.	0.8	11
89	Infusion of Sydenham's chorea antibodies in striatum with up-regulated dopaminergic receptors: A pilot study to investigate the potential of SC antibodies to increase dopaminergic activity. <i>Neuroscience Letters</i> , 2012, 523, 186-189.	1.0	20
90	Cutaneous loxoscelism caused by <i>Loxosceles similis</i> venom and neutralization capacity of its specific antivenom. <i>Toxicon</i> , 2012, 60, 21-30.	0.8	20

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91	Determination of sphingomyelinase-D activity of <i>Loxosceles</i> venoms in sphingomyelin/cholesterol liposomes containing horseradish peroxidase. <i>Toxicon</i> , 2011, 57, 574-579.	0.8	9
92	Stonefish antivenom neutralises the inflammatory and cardiovascular effects induced by scorpionfish <i>Scorpaena plumieri</i> venom. <i>Toxicon</i> , 2011, 57, 992-999.	0.8	32
93	Protection against the toxic effects of <i>Loxosceles intermedia</i> spider venom elicited by mimotope peptides. <i>Vaccine</i> , 2011, 29, 7992-8001.	1.7	36
94	Evaluation of the protective potential of a <i>Taenia solium</i> cysticercus mimotope on murine cysticercosis. <i>Vaccine</i> , 2011, 29, 9473-9479.	1.7	13
95	Mimotopes of mutalysin-II from <i>Lachesis muta</i> snake venom induce hemorrhage inhibitory antibodies upon vaccination of rabbits. <i>Peptides</i> , 2011, 32, 1640-1646.	1.2	19
96	Identification of a Highly Antigenic Linear B Cell Epitope within <i>Plasmodium vivax</i> Apical Membrane Antigen 1 (AMA-1). <i>PLoS ONE</i> , 2011, 6, e21289.	1.1	40
97	A protective immune response against lethal, dermonecrotic and hemorrhagic effects of <i>Loxosceles intermedia</i> venom elicited by a 27-residue peptide. <i>Toxicon</i> , 2010, 55, 481-487.	0.8	34
98	Cardiotoxic effects of <i>Loxosceles intermedia</i> spider venom and the recombinant venom toxin rLiD1. <i>Toxicon</i> , 2010, 56, 1426-1435.	0.8	28
99	Brazilian IgY-Bothrops antivenom: Studies on the development of a process in chicken egg yolk. <i>Toxicon</i> , 2010, 55, 739-744.	0.8	44
100	Biochemical profile of dogs experimentally envenomed with <i>Tityus serrulatus</i> scorpion venom. <i>Toxicon</i> , 2010, 55, 1125-1131.	0.8	19
101	Design of antibody-reactive peptides from discontinuous parts of scorpion toxins. <i>Vaccine</i> , 2010, 28, 970-980.	1.7	14
102	In vivo protection against <i>Tityus serrulatus</i> scorpion venom by antibodies raised against a discontinuous synthetic epitope. <i>Vaccine</i> , 2010, 28, 1168-1176.	1.7	27
103	Immunodiagnosis of human neurocysticercosis using a synthetic peptide selected by phage-display. <i>Clinical Immunology</i> , 2009, 131, 129-138.	1.4	31
104	Identification of continuous interaction sites in PLA2-based protein complexes by peptide arrays. <i>Biochimie</i> , 2009, 91, 1482-1492.	1.3	18
105	Antigenic, microbicidal and antiparasitic properties of an l-amino acid oxidase isolated from <i>Bothrops jararaca</i> snake venom. <i>Toxicon</i> , 2009, 53, 330-341.	0.8	107
106	An in vivo protective response against toxic effects of the dermonecrotic protein from <i>Loxosceles intermedia</i> spider venom elicited by synthetic epitopes. <i>Vaccine</i> , 2009, 27, 4201-4208.	1.7	35
107	Characterization of <i>Tityus</i> scorpion venoms using synaptosome binding assays and reactivity towards Venezuelan and Brazilian Antivenoms. <i>Toxicon</i> , 2008, 51, 66-79.	0.8	13
108	Kinetics of venom and antivenom serum levels, clinical evaluation and therapeutic effectiveness in dogs inoculated with <i>Crotalus durissus terrificus</i> venom. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2008, 14, .	0.8	1

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109	The co-purification of a lectin (BJcuL) with phospholipases A2 from <i>Bothrops jararacussu</i> snake venom by immunoaffinity chromatography with antibodies to crotoxin. <i>Toxicon</i> , 2007, 49, 1099-1108.	0.8	7
110	The Loxtox protein family in <i>Loxosceles intermedia</i> (Mello-Leitão) venom. <i>Toxicon</i> , 2007, 50, 938-946.	0.8	62
111	Biological and structural comparison of recombinant phospholipase D toxins from <i>Loxosceles intermedia</i> (brown spider) venom. <i>Toxicon</i> , 2007, 50, 1162-1174.	0.8	54
112	Biochemical characterization and molecular cloning of a plasminogen activator proteinase (LV-PA) from bushmaster snake venom. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2006, 1760, 1762-1771.	1.1	25
113	Functional characterization and epitope analysis of a recombinant dermonecrotic protein from <i>Loxosceles intermedia</i> spider. <i>Toxicon</i> , 2006, 48, 509-519.	0.8	47
114	Antibodies against synthetic epitopes inhibit the enzymatic activity of mutalysin II, a metalloproteinase from bushmaster snake venom. <i>Toxicon</i> , 2006, 48, 1098-1103.	0.8	19
115	A rat homologue of CED-6 is expressed in neurons and interacts with clathrin. <i>Brain Research</i> , 2006, 1119, 1-12.	1.1	13
116	Brown spider dermonecrotic toxin directly induces nephrotoxicity. <i>Toxicology and Applied Pharmacology</i> , 2006, 211, 64-77.	1.3	116
117	Specific identification of <i>Lachesis muta muta</i> snake venom using antibodies against the plasminogen activator enzyme, LV-PA. <i>Toxicon</i> , 2005, 45, 803-806.	0.8	7
118	Localization of epitopes in the toxins of <i>Tityus serrulatus</i> scorpions and neutralizing potential of therapeutic antivenoms. <i>Toxicon</i> , 2005, 46, 210-217.	0.8	30
119	Molecular characterization of a neutralizing murine monoclonal antibody against <i>Tityus serrulatus</i> scorpion venom. <i>Toxicon</i> , 2005, 46, 664-671.	0.8	28
120	Characterization of the venom from the Brazilian Brown Spider <i>Loxosceles similis</i> Moenkhaus, 1898 (Araneae, Sicariidae). <i>Toxicon</i> , 2005, 46, 927-936.	0.8	33
121	Molecular characterization of protective antibodies raised in mice by <i>Tityus serrulatus</i> scorpion venom toxins conjugated to bovine serum albumin. <i>Toxicon</i> , 2004, 44, 233-241.	0.8	28
122	Identification and molecular cloning of insecticidal toxins from the venom of the brown spider <i>Loxosceles intermedia</i> . <i>Toxicon</i> , 2004, 44, 273-280.	0.8	65
123	Epitope mapping of the antigenic protein TsNTxP from <i>Tityus serrulatus</i> scorpion venom using mouse, rabbit and sheep antibodies. <i>Toxicon</i> , 2004, 44, 617-624.	0.8	5
124	Molecular cloning of toxins expressed by the venom gland of <i>Lasiodora</i> sp.. <i>Toxicon</i> , 2004, 44, 949-952.	0.8	12
125	Production of monoclonal antibodies capable of neutralizing dermonecrotic activity of <i>Loxosceles intermedia</i> spider venom and their use in a specific immunometric assay. <i>Toxicon</i> , 2003, 42, 725-731.	0.8	45
126	Protection against dermonecrotic and lethal activities of <i>Loxosceles intermedia</i> spider venom by immunization with a fused recombinant protein. <i>Toxicon</i> , 2003, 41, 261-267.	0.8	33



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127	Expression of a functional recombinant Phoneutria nigriventer toxin active on K <sup>+</sup> channels. <i>Toxicon</i> , 2003, 41, 305-313.	0.8	18
128	Molecular cloning and characterization of Phoneutria nigriventer toxins active on calcium channels. <i>Toxicon</i> , 2003, 41, 755-763.	0.8	32
129	Induction of neutralizing antibodies against Tityus serrulatus scorpion toxins by immunization with a mixture of defined synthetic epitopes. <i>Toxicon</i> , 2002, 40, 89-95.	0.8	37
130	Ontogenetic variation of metalloproteinases and plasma coagulant activity in venoms of wild Bothrops atrox specimens from Amazonian rain forest. <i>Toxicon</i> , 2002, 40, 997-1006.	0.8	71
131	Molecular cloning, expression and immunological properties of LiD1, a protein from the dermonecrotic family of Loxosceles intermedia spider venom. <i>Toxicon</i> , 2002, 40, 1691-1699.	0.8	67
132	Molecular basis for the cross-reactivity of antibodies elicited by a natural anatoxin with $\hat{1}\pm$ - and $\hat{1}^2$ -toxins from the venom of Tityus serrulatus scorpion. <i>Molecular Immunology</i> , 2002, 38, 867-876.	1.0	36
133	Screening of expression libraries using ELISA: identification of immunogenic proteins from Tityus bahiensis and Tityus serrulatus venom. <i>Toxicon</i> , 2001, 39, 679-685.	0.8	22
134	Sandwich-ELISA detection of venom antigens in envenoming by Phoneutria nigriventer spider. <i>Toxicon</i> , 2001, 39, 909-911.	0.8	17
135	Determination of the neutralizing potency of horse antiotheropic and anticrotalic antivenoms in blood samples collected on filter paper. <i>Toxicon</i> , 2001, 39, 1607-1609.	0.8	16
136	Neutralizing potency of horse antiotheropic Brazilian antivenom against Bothrops snake venoms from the Amazonian rain forest. <i>Toxicon</i> , 2000, 38, 1859-1863.	0.8	29
137	Neutralization of the hemorrhagic activity of Bothrops and Lachesis snake venoms by a monoclonal antibody against mutalysin-II. <i>Toxicon</i> , 2000, 38, 139-144.	0.8	15
138	Induction of neutralizing antibodies against Tityus serrulatus toxins by immunization with a recombinant nontoxic protein. <i>Toxicon</i> , 2000, 38, 113-121.	0.8	24
139	Effect of toxin-g from Tityus serrulatus scorpion venom on gastric emptying in rats. <i>Brazilian Journal of Medical and Biological Research</i> , 1999, 32, 431-434.	0.7	7
140	Development and evaluation of the neutralizing capacity of horse antivenom against the Brazilian spider Loxosceles intermedia. <i>Toxicon</i> , 1999, 37, 1323-1328.	0.8	22
141	Molecular cloning and genomic analysis of TsNTxp: an immunogenic protein from Tityus serrulatus scorpion venom. <i>Toxicon</i> , 1999, 37, 507-517.	0.8	23
142	In vivo protection against Tityus serrulatus scorpion toxins by immunization of mice with a non-toxic protein. <i>Toxicon</i> , 1998, 36, 333-339.	0.8	16
143	ELISA for the detection of venom antigens in experimental and clinical envenoming by Loxosceles intermedia spiders. <i>Toxicon</i> , 1998, 36, 563-569.	0.8	31
144	Neutralizing potency of horse antiotheropic antivenom. Correlation between in vivo and in vitro methods. <i>Toxicon</i> , 1998, 36, 1433-1439.	0.8	33

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145	South American rattlesnake bite ( <i>Crotalus durissus</i> sp) without envenoming: insights on diagnosis and treatment. <i>Toxicon</i> , 1998, 36, 2029-2032.	0.8	19
146	An enzyme-linked immunosorbent assay (ELISA) that discriminates between the venoms of Brazilian Bothrops species and <i>Crotalus durissus</i> . <i>Toxicon</i> , 1997, 35, 253-260.	0.8	21
147	Neutralizing capacity of antibodies elicited by a non-toxic protein purified from the venom of the scorpion <i>Tityus serrulatus</i> . <i>Toxicon</i> , 1997, 35, 213-221.	0.8	43
148	Time factor in the detection of circulating whole venom and crotoxin and efficacy of antivenom therapy in patients envenomed by <i>Crotalus durissus</i> . <i>Toxicon</i> , 1997, 35, 699-704.	0.8	21
149	Venom variability among several <i>Tityus serrulatus</i> specimens. <i>Toxicon</i> , 1997, 35, 1523-1529.	0.8	68
150	Induction of neutralizing antibodies in mice immunized with scorpion toxins detoxified by liposomal entrapment. <i>Brazilian Journal of Medical and Biological Research</i> , 1997, 30, 883-886.	0.7	8
151	Is the severity of <i>Tityus serrulatus</i> scorpion envenoming related to plasma venom concentrations?. <i>Toxicon</i> , 1996, 34, 820-823.	0.8	21
152	Pharmacokinetics of <i>Tityus serrulatus</i> scorpion venom determined by enzyme-linked immunosorbent assay in the rat. <i>Toxicon</i> , 1996, 34, 1063-1066.	0.8	46
153	Body distribution of <i>Tityus serrulatus</i> scorpion venom in mice and effects of scorpion antivenom. <i>Toxicon</i> , 1996, 34, 1119-1125.	0.8	70
154	Standardization of an enzyme linked immunosorbent assay (ELISA) for detecting circulating toxic venom antigens in patients stung by the scorpion <i>Tityus serrulatus</i> . <i>Revista Do Instituto De Medicina Tropical De Sao Paulo</i> , 1995, 37, 71-74.	0.5	18
155	Characterization of a hemorrhagic factor, LHF-I, isolated from the bushmaster snake ( <i>Lachesis muta</i> ) Tj ETQq1 1 0.784314 rgBT / Overbo	0.8	23
156	Efficacy of Antivenom Therapy for Neutralizing Circulating Venom Antigens in Patients Stung by <i>Tityus Serrulatus</i> Scorpions. <i>American Journal of Tropical Medicine and Hygiene</i> , 1995, 52, 277-280.	0.6	67
157	ELISA for the detection of toxic antigens in experimental and clinical envenoming by <i>Tityus serrulatus</i> scorpion venom. <i>Toxicon</i> , 1994, 32, 1649-1656.	0.8	47
158	Antibodies cross-reactive with the scorpion-toxin ii from <i>Androctonus australis Hector</i> elicited in mice by a synthetic peptide. <i>Natural Toxins</i> , 1993, 1, 255-262.	1.0	7
159	An enzyme linked immunosorbent assay (ELISA) that discriminates between <i>Bothrops atrox</i> and <i>Lachesis muta muta</i> venoms. <i>Toxicon</i> , 1993, 31, 417-426.	0.8	33
160	<i>Tityus serrulatus</i> scorpion venom toxins display a complex pattern of antigenic reactivity. <i>Toxicon</i> , 1993, 31, 223-227.	0.8	21
161	Purification and characterization of a 47 kDa protease from <i>Schistosoma mansoni</i> cercarial secretion. <i>Parasitology</i> , 1992, 105, 211-218.	0.7	19
162	The $\hat{I}^2$ -type toxin Ts II from the scorpion <i>Tityus serrulatus</i> : Amino acid sequence determination and assessment of biological and antigenic properties. <i>Natural Toxins</i> , 1992, 1, 119-125.	1.0	26

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163	In vivo protection against scorpion toxins by liposomal immunization. <i>Vaccine</i> , 1991, 9, 907-910.	1.7	71
164	Proteinogram of Immunized Sheep with Detoxified <i>Tiyus serrulatus</i> Scorpion Venom. <i>Acta Scientiae Veterinariae</i> , 0, 50, .	0.2	0
165	Protective Effectiveness of an Immunization Protocol Against the Toxic Effects of <i>Loxosceles intermedia</i> Venom in Rabbits. <i>Frontiers in Veterinary Science</i> , 0, 9, .	0.9	2