

Ricardo Andrez Machado de Ávila

List of Publications by Year in descending order

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126
papers

1,836
citations

346980

22
h-index

466096

32
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127
all docs

127
docs citations

127
times ranked

2172
citing authors

#	ARTICLE	IF	CITATIONS
1	Zinc phthalocyanine encapsulation via thiol-ene miniemulsion polymerization and <i>in vitro</i> phototoxicity studies. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2022, 71, 349-358.	1.8	5
2	Pramipexole, a dopamine D3/D2 receptor-preferring agonist, attenuates reserpine-induced fibromyalgia-like model in mice. <i>Neural Regeneration Research</i> , 2022, 17, 450.	1.6	9
3	Sensitive and specific serodiagnosis of tegumentary leishmaniasis using a new chimeric protein based on specific B-cell epitopes of <i>Leishmania</i> antigenic proteins. <i>Microbial Pathogenesis</i> , 2022, 162, 105341.	1.3	3
4	Encapsulation of photosensitizer in niosomes for promotion of antitumor and antimicrobial photodynamic therapy. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 68, 103031.	1.4	4
5	Synergic effect of paclitaxel and cisplatin associated with gold nanoparticles on HeLa cervical cells. <i>Gold Bulletin</i> , 2022, 55, 65-75.	1.1	2
6	Peptide-Integrated Superparamagnetic Nanoparticles for the Identification of Epitopes from SARS-CoV-2 Spike and Nucleocapsid Proteins. <i>ACS Applied Nano Materials</i> , 2022, 5, 642-653.	2.4	6
7	Ecotoxic, genotoxic, and cytotoxic potential of leachate obtained from chromated copper arsenate-treated wood ashes. <i>Environmental Science and Pollution Research</i> , 2022, 29, 41247-41260.	2.7	2
8	Mesoporous silica nanoparticles incorporated with zinc oxide as a novel antifungal agent against toxigenic fungi strains. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2022, 57, 176-183.	0.7	5
9	Evaluation from a B-cell epitope-based chimeric protein for the serodiagnosis of tegumentary and visceral leishmaniasis. <i>Microbial Pathogenesis</i> , 2022, 167, 105562.	1.3	1
10	Cisplatin and paclitaxel-loaded liposomes induced cervical cancer (HeLa) cell death with multiple copies of human papillomavirus by apoptosis and decreased their cytotoxic effect on non-tumor cells. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 73, 103457.	1.4	1
11	Temozolomide associated to gold nanoparticles promoted a synergic effect and apoptosis when exposed to melanoma cells. <i>Journal of Nanoparticle Research</i> , 2022, 24, .	0.8	2
12	<i>In vitro</i> cytotoxicity and hyperthermia studies of superparamagnetic poly(urea-urethane) nanoparticles obtained by miniemulsion polymerization in human erythrocytes and NIH3T3 and HeLa cells. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2021, 70, 476-485.	1.8	4
13	Co-encapsulation of sodium diethyldithiocarbamate (DETC) and zinc phthalocyanine (ZnPc) in liposomes promotes increases phototoxic activity against (MDA-MB 231) human breast cancer cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 197, 111434.	2.5	21
14	In vitro synergic activity of diethyldithiocarbamate and 4-nitrochalcone loaded in beeswax nanoparticles against melanoma (B16F10) cells. <i>Materials Science and Engineering C</i> , 2021, 120, 111651.	3.8	7
15	Superparamagnetic biobased poly(thioether ester) via thiol-ene polymerization in miniemulsion for hyperthermia. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49741.	1.3	7
16	Kava decreases the stereotyped behavior induced by amphetamine in mice. <i>Journal of Ethnopharmacology</i> , 2021, 265, 113293.	2.0	6
17	Advance in the use of gold nanoparticles in the treatment of neurodegenerative diseases: new perspectives. <i>Neural Regeneration Research</i> , 2021, 16, 2425.	1.6	15
18	Inhibitors of angiotensin I converting enzyme potentiate fibromyalgia-like pain symptoms via kinin receptors in mice. <i>European Journal of Pharmacology</i> , 2021, 895, 173870.	1.7	12

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19	Cotreatment of Small Gold Nanoparticles Protects Against the Increase in Cerebral Acetylcholinesterase Activity and Oxidative Stress Induced by Acute Ethanol Exposure in the Zebrafish. <i>Neuroscience</i> , 2021, 457, 41-50.	1.1	4
20	Intra-articular treatment with hyaluronic acid associated with gold nanoparticles in a mechanical osteoarthritis model in Wistar rats. <i>Journal of Orthopaedic Research</i> , 2021, 39, 2546-2555.	1.2	8
21	Nanotechnology as a therapeutic strategy to prevent neuropsychomotor alterations associated with hypercholesterolemia. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 201, 111608.	2.5	10
22	Apoptosis Induction in Murine Melanoma (B16F10) Cells by Mannosylerythritol Lipids-B; a Glycolipid Biosurfactant with Antitumoral Activities. <i>Applied Biochemistry and Biotechnology</i> , 2021, 193, 3855-3866.	1.4	7
23	Serodiagnosis of canine leishmaniasis using a novel recombinant chimeric protein constructed with distinct B-cell epitopes from antigenic <i>Leishmania infantum</i> proteins. <i>Veterinary Parasitology</i> , 2021, 296, 109513.	0.7	3
24	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
25	Epitope mapping from <i>Mycobacterium leprae</i> proteins: Convergent data from in silico and in vitro approaches for serodiagnosis of leprosy. <i>Molecular Immunology</i> , 2021, 138, 48-57.	1.0	3
26	Bovine Serum Albumin Conjugation in Superparamagnetic/Poly(methyl methacrylate) Nanoparticles as an Alternative for Magnetic Enzyme-Linked Immunosorbent Assays. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 5493-5498.	0.9	2
27	<i>In vitro</i> phototoxicity of zinc phthalocyanine (ZnPc) loaded in liposomes against human breast cancer cells. <i>Journal of Porphyrins and Phthalocyanines</i> , 2021, 25, 153-161.	0.4	2
28	Evaluation of the in vivo acute toxicity of poly(thioether ester) and superparamagnetic poly(thioether ester) nanoparticles obtained by thiol-ene miniemulsion polymerization. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021, , .	1.6	2
29	ChimLeish, a new recombinant chimeric protein evaluated as a diagnostic and prognostic marker for visceral leishmaniasis and human immunodeficiency virus coinfection. <i>Parasitology Research</i> , 2021, 120, 4037-4047.	0.6	2
30	Cannabis Extracts and Their Cytotoxic Effects on Human Erythrocytes, Fibroblasts, and Murine Melanoma. <i>Revista Brasileira De Farmacognosia</i> , 2021, 31, 750-761.	0.6	3
31	Effects of chronic treatment with gold nanoparticles on inflammatory responses and oxidative stress in Mdx mice. <i>Journal of Drug Targeting</i> , 2020, 28, 46-54.	2.1	20
32	Targeting epimastigotes of <i>Trypanosoma cruzi</i> with a peptide isolated from a phage display random library. <i>Experimental Parasitology</i> , 2020, 210, 107830.	0.5	3
33	Involvement of TRPV1 and the efficacy of \pm -spinasterol on experimental fibromyalgia symptoms in mice. <i>Neurochemistry International</i> , 2020, 134, 104673.	1.9	17
34	A <i>Leishmania infantum</i> hypothetical protein evaluated as a recombinant protein and specific B-cell epitope for the serodiagnosis and prognosis of visceral leishmaniasis. <i>Acta Tropica</i> , 2020, 203, 105318.	0.9	9
35	Relevance of Mitochondrial Dysfunction in the Reserpine-Induced Experimental Fibromyalgia Model. <i>Molecular Neurobiology</i> , 2020, 57, 4202-4217.	1.9	20
36	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

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37	Effects of gold nanoparticles administration through behavioral and oxidative parameters in animal model of Parkinson's disease. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 196, 111302.	2.5	18
38	A candidate vaccine for human visceral leishmaniasis based on a specific T cell epitope-containing chimeric protein protects mice against <i>Leishmania infantum</i> infection. <i>Npj Vaccines</i> , 2020, 5, 75.	2.9	26
39	Effects of the Association between Photobiomodulation and Hyaluronic Acid Linked Gold Nanoparticles in Wound Healing. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 5132-5144.	2.6	22
40	Comparative cytotoxic effect of citrate-capped gold nanoparticles with different sizes on noncancerous and cancerous cell lines. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	0.8	32
41	Liposomal Formulation of ChimeraT, a Multiple T-Cell Epitope-Containing Recombinant Protein, Is a Candidate Vaccine for Human Visceral Leishmaniasis. <i>Vaccines</i> , 2020, 8, 289.	2.1	18
42	Evaluation of the protective efficacy of a <i>Leishmania</i> protein associated with distinct adjuvants against visceral leishmaniasis and in vitro immunogenicity in human cells. <i>Parasitology Research</i> , 2020, 119, 2609-2622.	0.6	6
43	Biotechnological applications from a <i>Leishmania</i> amastigote-specific hypothetical protein in the canine and human visceral leishmaniasis. <i>Microbial Pathogenesis</i> , 2020, 147, 104283.	1.3	6
44	PnAn13, an antinociceptive synthetic peptide inspired in the <i>Phoneutria nigriventer</i> toxin PnTx4(6â€“1) (Îˆ-Ctenitoxin-Pn1a). <i>Toxicon: X</i> , 2020, 7, 100045.	1.2	6
45	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
46	Antitumor activity associated with hyperthermia and 4-nitrochalcone loaded in superparamagnetic poly(thioether-ester) nanoparticles. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2020, 31, 1895-1911.	1.9	5
47	A new <i>Leishmania</i> hypothetical protein can be used for accurate serodiagnosis of canine and human visceral leishmaniasis and as a potential prognostic marker for human disease. <i>Experimental Parasitology</i> , 2020, 216, 107941.	0.5	5
48	<i>Leishmania infantum</i> amastin protein incorporated in distinct adjuvant systems induces protection against visceral leishmaniasis. <i>Cytokine</i> , 2020, 129, 155031.	1.4	10
49	Effects of phonophoresis with diclofenac linked gold nanoparticles in model of traumatic muscle injury. <i>Materials Science and Engineering C</i> , 2020, 110, 110681.	3.8	9
50	Venom diversity in the Neotropical scorpion genus <i>Tityus</i> : Implications for antivenom design emerging from molecular and immunochemical analyses across endemic areas of scorpionism. <i>Acta Tropica</i> , 2020, 204, 105346.	0.9	18
51	Bovine serum albumin conjugation on poly(methyl methacrylate) nanoparticles for targeted drug delivery applications. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 56, 101490.	1.4	7
52	Evaluation of <i>Leishmania infantum</i> pyridoxal kinase protein for the diagnosis of human and canine visceral leishmaniasis. <i>Immunology Letters</i> , 2020, 220, 11-20.	1.1	8
53	Engineered protein containing crotoxin epitopes induces neutralizing antibodies in immunized rabbits. <i>Molecular Immunology</i> , 2020, 119, 144-153.	1.0	5
54	Application of ozone on rice storage: A mathematical modeling of the ozone spread, effects in the decontamination of filamentous fungi and quality attributes. <i>Journal of Stored Products Research</i> , 2020, 87, 101605.	1.2	18

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55	In silico and in vitro Evaluation of Mimetic Peptides as Potential Antigen Candidates for Prophylaxis of Leishmaniasis. <i>Frontiers in Chemistry</i> , 2020, 8, 601409.	1.8	1
56	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
57	Analgesic and side effects of intravenous recombinant Ph $\hat{1}\pm 1\hat{1}^2$. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2020, 26, e20190070.	0.8	14
58	Immunodiagnosis of human and canine visceral leishmaniasis using recombinant <i>Leishmania infantum</i> Prohibitin protein and a synthetic peptide containing its conformational B-cell epitope. <i>Journal of Immunological Methods</i> , 2019, 474, 112641.	0.6	11
59	PEPOP 2.0: new approaches to mimic non-continuous epitopes. <i>BMC Bioinformatics</i> , 2019, 20, 387.	1.2	10
60	Kinins and their B1 and B2 receptors are involved in fibromyalgia-like pain symptoms in mice. <i>Biochemical Pharmacology</i> , 2019, 168, 119-132.	2.0	26
61	Preparation and characterization of 4-nitrochalcone-folic acid-poly(methyl methacrylate) nanocapsules and cytotoxic activity on HeLa and NIH3T3 cells. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 54, 101300.	1.4	8
62	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
63	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
64	A biomarker for tegumentary and visceral leishmaniasis based on a recombinant <i>Leishmania</i> hypothetical protein. <i>Immunobiology</i> , 2019, 224, 477-484.	0.8	12
65	Diagnostic evaluation of the amastin protein from <i>Leishmania infantum</i> in canine and human visceral leishmaniasis and immunogenicity in human cells derived from patients and healthy controls. <i>Diagnostic Microbiology and Infectious Disease</i> , 2019, 95, 134-143.	0.8	22
66	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
67	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
68	Potential application of small myristoylated protein-3 evaluated as recombinant antigen and a synthetic peptide containing its linear B-cell epitope for the serodiagnosis of canine visceral and human tegumentary leishmaniasis. <i>Immunobiology</i> , 2019, 224, 163-171.	0.8	15
69	Gabapentin reduces haloperidol-induced vacuous chewing movements in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2018, 166, 21-26.	1.3	5
70	Incidence of toxigenic fungi and zearalenone in rice grains from Brazil. <i>International Journal of Food Microbiology</i> , 2018, 270, 5-13.	2.1	44
71	Antifungal activities against toxigenic <i>Fusarium</i> specie and deoxynivalenol adsorption capacity of ion-exchanged zeolites. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2018, 53, 184-190.	0.7	10
72	Recombinant prohibitin protein of <i>Leishmania infantum</i> acts as a vaccine candidate and diagnostic marker against visceral leishmaniasis. <i>Cellular Immunology</i> , 2018, 323, 59-69.	1.4	33

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73	Identification of a linear B-cell epitope in the catalytic domain of bothropasin, a metalloproteinase from Bothrops jararaca snake venom. <i>Molecular Immunology</i> , 2018, 104, 20-26.	1.0	11
74	Evaluation of <i>in vitro</i> cytotoxicity of superparamagnetic poly(thioether-ester) nanoparticles on erythrocytes, non-tumor (NIH3T3), tumor (HeLa) cells and hyperthermia studies. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2018, 29, 1935-1948.	1.9	15
75	Diagnostic application of recombinant <i>Leishmania</i> proteins and evaluation of their <i>in vitro</i> immunogenicity after stimulation of immune cells collected from tegumentary leishmaniasis patients and healthy individuals. <i>Cellular Immunology</i> , 2018, 334, 61-69.	1.4	12
76	A <i>Leishmania</i> hypothetical protein applied for the diagnosis and as a serological marker for post-treatment evaluation of tegumentary leishmaniasis patients. <i>International Journal of Infectious Diseases</i> , 2018, 73, 175.	1.5	0
77	Computational B-cell epitope identification and production of neutralizing murine antibodies against Atrolysin-I. <i>Scientific Reports</i> , 2018, 8, 14904.	1.6	22
78	Evaluation of a <i>Leishmania</i> hypothetical protein administered as DNA vaccine or recombinant protein against <i>Leishmania infantum</i> infection and its immunogenicity in humans. <i>Cellular Immunology</i> , 2018, 331, 67-77.	1.4	9
79	Engineered biomarkers for leprosy diagnosis using labeled and label-free analysis. <i>Talanta</i> , 2018, 187, 165-171.	2.9	7
80	A Computational Approach Using Bioinformatics to Screening Drug Targets for <i>Leishmania infantum</i> Species. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-9.	0.5	13
81	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
82	Small Myristoylated Protein-3, Identified as a Potential Virulence Factor in <i>Leishmania amazonensis</i> , Proves to be a Protective Antigen against Visceral Leishmaniasis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 129.	1.8	15
83	A conserved <i>Leishmania</i> hypothetical protein evaluated for the serodiagnosis of canine and human visceral and tegumentary leishmaniasis, as well as a serological marker for the posttreatment patient follow-up. <i>Diagnostic Microbiology and Infectious Disease</i> , 2018, 92, 196-203.	0.8	13
84	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
85	Evaluation of a hypothetical protein for serodiagnosis and as a potential marker for post-treatment serological evaluation of tegumentary leishmaniasis patients. <i>Parasitology Research</i> , 2017, 116, 1197-1206.	0.6	17
86	Antigenicity of phage clones and their synthetic peptides for the serodiagnosis of canine and human visceral leishmaniasis. <i>Microbial Pathogenesis</i> , 2017, 110, 14-22.	1.3	24
87	An <i>in silico</i> functional annotation and screening of potential drug targets derived from <i>Leishmania</i> spp. hypothetical proteins identified by immunoproteomics. <i>Experimental Parasitology</i> , 2017, 176, 66-74.	0.5	15
88	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
89	Performance of <i>Leishmania braziliensis</i> enolase protein for the serodiagnosis of canine and human visceral leishmaniasis. <i>Veterinary Parasitology</i> , 2017, 238, 77-81.	0.7	9
90	Probing the efficacy of a heterologous <i>Leishmania/L. Viannia braziliensis</i> recombinant enolase as a candidate vaccine to restrict the development of <i>L. infantum</i> in BALB/c mice. <i>Acta Tropica</i> , 2017, 171, 8-16.	0.9	14

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91	Genotoxicity evaluation induced by Tityus serrulatus scorpion venom in mice. <i>Toxicon</i> , 2017, 140, 132-138.	0.8	8
92	Recombinant small glutamine-rich tetratricopeptide repeat-containing protein of <i>Leishmania infantum</i> : Potential vaccine and diagnostic application against visceral leishmaniasis. <i>Molecular Immunology</i> , 2017, 91, 272-281.	1.0	13
93	Generation and characterization of monoclonal antibody against Advanced Glycation End Products in chronic kidney disease. <i>Biochemistry and Biophysics Reports</i> , 2016, 6, 142-148.	0.7	6
94	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
95	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
96	A new <i>Leishmania</i> -specific hypothetical protein and its non-described specific B cell conformational epitope applied in the serodiagnosis of canine visceral leishmaniasis. <i>Parasitology Research</i> , 2016, 115, 1649-1658.	0.6	27
97	AVALIAÇÃO DA EQUIVALÊNCIA FARMACÉUTICA EM COMPRIMIDOS DE HIDROCLOROTIAZIDA FABRICADOS POR COMPRESSÃO DIRETA E GRANULAÇÃO VIA MÓDULO. <i>Inova Saúde</i> , 2016, 5, 185.	0.1	1
98	Classification epitopes in groups based on their protein family. <i>BMC Bioinformatics</i> , 2015, 16, S7.	1.2	10
99	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
100	PnPP-19, a Synthetic and Nontoxic Peptide Designed from a <i>Phonocentria nigriventris</i> Toxin, Potentiates Erectile Function via NO/cGMP. <i>Journal of Urology</i> , 2015, 194, 1481-1490.	0.2	37
101	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
102	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
103	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
104	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
105	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
106	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
107	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
108	<i>Clostridium perfringens</i> epsilon toxin: The third most potent bacterial toxin known. <i>Anaerobe</i> , 2014, 30, 102-107.	1.0	72

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109	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
110	Induction of Neutralizing Antibodies against Mutalysin-II from <i>Lachesis muta muta</i> Snake Venom Elicited by a Conformational B-cell Epitope Predicted by Blue Star Sting Data Base. <i>Immunome Research</i> , 2014, 11, .	0.1	2
111	Synthetic peptides for in vitro evaluation of the neutralizing potency of <i>Loxosceles</i> antivenoms. <i>Toxicon</i> , 2013, 73, 47-55.	0.8	20
112	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
113	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
114	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
115	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
116	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
117	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
118	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
119	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
120	Immunodiagnosis of human neurocysticercosis using a synthetic peptide selected by phage-display. <i>Clinical Immunology</i> , 2009, 131, 129-138.	1.4	31
121	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
122	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
123	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
124	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
125	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
126	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