

Rodrigo G Stabeli

List of Publications by Year in descending order

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55
papers

2,140
citations

201674

27
h-index

233421

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57
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docs citations

57
times ranked

2104
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Snake Venom L-Amino Acid Oxidases: Trends in Pharmacology and Biochemistry. <i>BioMed Research International</i> , 2014, 2014, 1-19.	1.9	135
3	Antitumoral Activity of Snake Venom Proteins: New Trends in Cancer Therapy. <i>BioMed Research International</i> , 2014, 2014, 1-19.	1.9	131
4	Platelet aggregation and antibacterial effects of an l-amino acid oxidase purified from <i>Bothrops alternatus</i> snake venom. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 2881-2886.	3.0	120
5	Myotoxic phospholipases A2 isolated from <i>Bothrops brazili</i> snake venom and synthetic peptides derived from their C-terminal region: Cytotoxic effect on microorganism and tumor cells. <i>Peptides</i> , 2008, 29, 1645-1656.	2.4	89
6	Snake Venom Phospholipase A2 Inhibitors: Medicinal Chemistry and Therapeutic Potential. <i>Current Topics in Medicinal Chemistry</i> , 2007, 7, 743-756.	2.1	87
7	Cytotoxic l-amino acid oxidase from <i>Bothrops moojeni</i> : Biochemical and functional characterization. <i>International Journal of Biological Macromolecules</i> , 2007, 41, 132-140.	7.5	87
8	Biosensors for Efficient Diagnosis of Leishmaniasis: Innovations in Bioanalytics for a Neglected Disease. <i>Analytical Chemistry</i> , 2010, 82, 9763-9768.	6.5	66
9	<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
10	Structural and functional analysis of BmjMIP, a phospholipase A2 myotoxin inhibitor protein from <i>Bothrops moojeni</i> snake plasma. <i>Biochemical and Biophysical Research Communications</i> , 2003, 302, 193-200.	2.1	52
11	Genotoxic effect of <i>Bothrops</i> snake venoms and isolated toxins on human lymphocyte DNA. <i>Toxicon</i> , 2013, 65, 9-14.	1.6	52
12	Biological and enzymatic activities of <i>Micrurus</i> sp. (Coral) snake venoms. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2005, 140, 125-134.	1.8	51
13	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
14	Isolation and expression of a hypotensive and anti-platelet acidic phospholipase A2 from <i>Bothrops moojeni</i> snake venom. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 73, 35-43.	2.8	45
15	A new hemorrhagic metalloprotease from <i>Bothrops jararacussu</i> snake venom: isolation and biochemical characterization. <i>Toxicon</i> , 2004, 44, 215-223.	1.6	42
16	Evaluation of the genotoxicity of <i>Crotalus durissus terrificus</i> snake venom and its isolated toxins on human lymphocytes. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2011, 724, 59-63.	1.7	39
17	Inhibition of the Myotoxicity Induced by <i>Bothrops jararacussu</i> Venom and Isolated Phospholipases A2 by Specific Camelid Single-Domain Antibody Fragments. <i>PLoS ONE</i> , 2016, 11, e0151363.	2.5	39
18	Enzymatic and structural characterization of a basic phospholipase A2 from the sea anemone <i>Condylactis gigantea</i> . <i>Biochimie</i> , 2010, 92, 1063-1071.	2.6	37

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19	Liposomal-lupane system as alternative chemotherapy against cutaneous leishmaniasis: Macrophage as target cell. <i>Experimental Parasitology</i> , 2013, 135, 337-343.	1.2	37
20	Effect of l-amino acid oxidase from <i>Calloselasma rhodosthoma</i> snake venom on human neutrophils. <i>Toxicon</i> , 2014, 80, 27-37.	1.6	36
21	Purification and Biochemical Characterization of Three Myotoxins from <i>Bothrops mattogrossensis</i> Snake Venom with Toxicity against <i>Leishmania</i> and Tumor Cells. <i>BioMed Research International</i> , 2014, 2014, 1-13.	1.9	35
22	Alkylation of myotoxic phospholipases A2 in <i>Bothrops moojeni</i> venom: a promising approach to an enhanced antivenom production. <i>International Journal of Biochemistry and Cell Biology</i> , 2004, 36, 258-270.	2.8	34
23	Snake Venom L-Amino Acid Oxidases: Some Consideration About their Functional Characterization. <i>Protein and Peptide Letters</i> , 2009, 16, 908-912.	0.9	33
24	Activation of J77A.1 Macrophages by Three Phospholipases A ₂ Isolated from <i>Bothrops atrox</i> Snake Venom. <i>BioMed Research International</i> , 2014, 2014, 1-13.	1.9	29
25	Mechanism of the cytotoxic effect of l-amino acid oxidase isolated from <i>Bothrops alternatus</i> snake venom. <i>International Journal of Biological Macromolecules</i> , 2016, 92, 329-337.	7.5	28
26	Camelid Single-Domain Antibodies As an Alternative to Overcome Challenges Related to the Prevention, Detection, and Control of Neglected Tropical Diseases. <i>Frontiers in Immunology</i> , 2017, 8, 653.	4.8	28
27	Molecular characterization and phylogenetic analysis of B _j ussuMP-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
28	Biological characterization of the Amazon coral <i>Micrurus spixii</i> snake venom: Isolation of a new neurotoxic phospholipase A2. <i>Toxicon</i> , 2015, 103, 1-11.	1.6	27
29	Structural and Functional Characterization of a β -Type Phospholipase A2 Inhibitor from <i>Bothrops jararacussu</i> Snake Plasma. <i>Current Topics in Medicinal Chemistry</i> , 2011, 11, 2509-2519.	2.1	25
30	Molecular characterization of B _j ussuSP-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
31	Activity of the Lupane isolated from <i>Combretum leprosum</i> against <i>Leishmania amazonensis</i> promastigotes. <i>Journal of the Brazilian Chemical Society</i> , 2011, 22, 936-942.	0.6	23
32	p38 MAPK is involved in human neutrophil chemotaxis induced by L-amino acid oxidase from <i>Calloselasma rhodosthoma</i> . <i>Toxicon</i> , 2016, 119, 106-116.	1.6	22
33	Using multidimensional projection techniques for reaching a high distinguishing ability in biosensing. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 1153-9.	3.7	20
34	Dermaseptin O1 as antimicrobial peptide with rich biotechnological potential: study of peptide interaction with membranes containing <i>Leishmania amazonensis</i> lipid-rich extract and membrane models. <i>Journal of Peptide Science</i> , 2011, 17, 700-707.	1.4	20
35	BbrzSP-32, the first serine protease isolated from <i>Bothrops brazili</i> venom: Purification and characterization. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2016, 195, 15-25.	1.8	20
36	Snake Venom, A Natural Library of New Potential Therapeutic Molecules: Challenges and Current Perspectives. <i>Current Pharmaceutical Biotechnology</i> , 2018, 19, 308-335.	1.6	20

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37	Single domain antibodies in the development of immunosensors for diagnostics. International Journal of Biological Macromolecules, 2020, 165, 2244-2252.	7.5	19
38	Isolation and Biochemical Characterization of a New Thrombin-Like Serine Protease from <i>Bothrops pirajai</i> Snake Venom. BioMed Research International, 2014, 2014, 1-13.	1.9	18
39	BbMP-1, a new metalloproteinase isolated from <i>Bothrops brazili</i> snake venom with <i>in vitro</i> antiplasmodial properties. Toxicon, 2015, 106, 30-41.	1.6	18
40	Camelid Single-Domain Antibodies (VHHs) against Crotoxin: A Basis for Developing Modular Building Blocks for the Enhancement of Treatment or Diagnosis of Crotalic Envenoming. Toxins, 2018, 10, 142.	3.4	18
41	Novel Camelid Antibody Fragments Targeting Recombinant Nucleoprotein of <i>Araucaria hantavirus</i> : A Prototype for an Early Diagnosis of Hantavirus Pulmonary Syndrome. PLoS ONE, 2014, 9, e108067.	2.5	17
42	Lipid microspheres loaded with antigenic membrane proteins of the <i>Leishmania amazonensis</i> as a potential biotechnology application. Journal of Colloid and Interface Science, 2009, 340, 112-118.	9.4	13
43	A novel synthetic quinolinone inhibitor presents proteolytic and hemorrhagic inhibitory activities against snake venom metalloproteases. Biochimie, 2016, 121, 179-188.	2.6	12
44	A simple methodology to collect culturable bacteria from feces of <i>Anopheles darlingi</i> (Diptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46).	1.6	12
45	Incorporation of antigenic GPI-proteins from <i>Leishmania amazonensis</i> to membrane mimetic systems: Influence of DPPC/cholesterol ratio. Journal of Colloid and Interface Science, 2009, 333, 373-379.	9.4	11
46	Biochemical Characterization, Action on Macrophages, and Superoxide Anion Production of Four Basic Phospholipases A ₂ from Panamanian <i>Bothrops asper</i> Snake Venom. BioMed Research International, 2013, 2013, 1-9.	1.9	10
47	Diversity of Culturable Bacteria Isolated From the Feces of Wild <i>Anopheles darlingi</i> (Diptera: Tj ETQq1 1 0.784314 rgBT /Overlock 9).	1.8	9
48	Engineering of single-domain antibodies for next-generation snakebite antivenoms. International Journal of Biological Macromolecules, 2021, 185, 240-250.	7.5	9
49	A review of plant-based expression systems as a platform for single-domain recombinant antibody production. International Journal of Biological Macromolecules, 2021, 193, 1130-1137.	7.5	9
50	Local and systemic biochemical alterations induced by <i>Bothrops atrox</i> snake venom in mice. Journal of Venom Research, 2012, 3, 28-34.	0.6	9
51	Synergism of <i>in vitro</i> plasmodicidal activity of phospholipase A ₂ isoforms isolated from panamanian <i>Bothrops asper</i> venom. Chemico-Biological Interactions, 2021, 346, 109581.	4.0	7
52	Molecular cloning and structural modelling of gamma-phospholipase A ₂ inhibitors from <i>Bothrops atrox</i> and <i>Micrurus lemniscatus</i> snakes. International Journal of Biological Macromolecules, 2017, 103, 525-532.	7.5	6
53	The effect of 3 β , 6 β , 16 β -trihydroxylup-20(29)-ene lupane compound isolated from <i>Combretum leprosum</i> Mart. on peripheral blood mononuclear cells. BMC Complementary and Alternative Medicine, 2015, 15, 420.	3.7	5
54	Merozoite-Protein Loaded Liposomes Protect against Challenge in Two Murine Models of Plasmodium Infection. ACS Biomaterials Science and Engineering, 2016, 2, 2276-2286.	5.2	5

#	ARTICLE	IF	CITATIONS
55	Biochemical and Functional Characterization of <i>Parawixia bistrata</i> Spider Venom with Potential Proteolytic and Larvicidal Activities. BioMed Research International, 2014, 2014, 1-13.	1.9	4