

Veridiana de Melo Rodrigues

List of Publications by Year in descending order

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86
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#	ARTICLE	IF	CITATIONS
1	Structural and Functional Characterization of BnSP-7, a Lys49 Myotoxic Phospholipase A2 Homologue from <i>Bothrops neuwiedi pauloensis</i> Venom. <i>Archives of Biochemistry and Biophysics</i> , 2000, 378, 201-209.	3.0	158
2	Myotoxic phospholipases A2 in <i>Bothrops</i> snake venoms: Effect of chemical modifications on the enzymatic and pharmacological properties of bothropstoxins from <i>Bothrops jararacussu</i> . <i>Biochimie</i> , 2000, 82, 755-763.	2.6	151
3	Snake venomomics and antivenomics of <i>Crotalus durissus</i> subspecies from Brazil: Assessment of geographic variation and its implication on snakebite management. <i>Journal of Proteomics</i> , 2010, 73, 1758-1776.	2.4	149
4	Structural and Functional Characterization of Neuwiedase, a Nonhemorrhagic Fibrin(ogen)olytic Metalloprotease from <i>Bothrops neuwiedi</i> Snake Venom. <i>Archives of Biochemistry and Biophysics</i> , 2000, 381, 213-224.	3.0	141
5	Snake Venom L-Amino Acid Oxidases: Trends in Pharmacology and Biochemistry. <i>BioMed Research International</i> , 2014, 2014, 1-19.	1.9	135
6	Biochemical and functional characterization of an l-amino acid oxidase isolated from <i>Bothrops pirajai</i> snake venom. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 7034-7043.	3.0	118
7	A rapid procedure for the isolation of the Lys-49 myotoxin II from <i>Bothrops moojeni</i> (caissaca) venom: Biochemical characterization, crystallization, myotoxic and edematogenic activity. <i>Toxicon</i> , 1998, 36, 503-514.	1.6	105
8	Effects of aqueous extract of <i>Casearia sylvestris</i> (Flacourtiaceae) on actions of snake and bee venoms and on activity of phospholipases A2. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2000, 127, 21-30.	1.6	104
9	Neutralization of proteases from <i>Bothrops</i> snake venoms by the aqueous extract from <i>Casearia sylvestris</i> (Flacourtiaceae). <i>Toxicon</i> , 2001, 39, 1863-1869.	1.6	90
10	Structural and functional properties of Bp-LAAO, a new l-amino acid oxidase isolated from <i>Bothrops pauloensis</i> snake venom. <i>Biochimie</i> , 2009, 91, 490-501.	2.6	90
11	Neutralizing properties of <i>Musa paradisiaca</i> L. (Musaceae) juice on phospholipase A2, myotoxic, hemorrhagic and lethal activities of crotalidae venoms. <i>Journal of Ethnopharmacology</i> , 2005, 98, 21-29.	4.1	84
12	Pathological alterations induced by neuwiedase, a metalloproteinase isolated from <i>Bothrops neuwiedi</i> snake venom. <i>Biochimie</i> , 2001, 83, 471-479.	2.6	64
13	Combined snake venomomics and venom gland transcriptomic analysis of <i>Bothropoides pauloensis</i> . <i>Journal of Proteomics</i> , 2012, 75, 2707-2720.	2.4	63
14	BnP1, a novel P-I metalloproteinase from <i>Bothrops neuwiedi</i> venom: Biological effects benchmarking relatively to jararagin, a P-III SVMP. <i>Toxicon</i> , 2008, 51, 54-65.	1.6	61
15	Geographic variations in the composition of myotoxins from <i>Bothrops neuwiedi</i> snake venoms: biochemical characterization and biological activity. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 1998, 121, 215-222.	1.8	60
16	Antitumor effects of snake venom chemically modified Lys49 phospholipase A2-like BthTX-I and a synthetic peptide derived from its C-terminal region. <i>Biologicals</i> , 2009, 37, 222-229.	1.4	57
17	Bactericidal and neurotoxic activities of two myotoxic phospholipases A2 from <i>Bothrops neuwiedi pauloensis</i> snake venom. <i>Toxicon</i> , 2004, 44, 305-314.	1.6	53
18	Biochemical and biological evaluation of gyroxin isolated from <i>Crotalus durissus terrificus</i> venom. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2011, 17, 23-33.	1.4	50

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19	Snake Venom Phospholipases A2: A New Class of Antitumor Agents. <i>Protein and Peptide Letters</i> , 2009, 16, 894-898.	0.9	47
20	Isolation and functional characterization of a new myotoxic acidic phospholipase A2 from <i>Bothrops pauloensis</i> snake venom. <i>Toxicon</i> , 2007, 50, 153-165.	1.6	46
21	BthMP: a new weakly hemorrhagic metalloproteinase from <i>Bothrops moojeni</i> snake venom. <i>Toxicon</i> , 2009, 53, 24-32.	1.6	42
22	Protective Effect of <i>Schizolobium parahyba</i> Flavonoids Against Snake Venoms and Isolated Toxins. <i>Current Topics in Medicinal Chemistry</i> , 2011, 11, 2566-2577.	2.1	41
23	Biochemical and functional properties of a thrombin-like enzyme isolated from <i>Bothrops pauloensis</i> snake venom. <i>Toxicon</i> , 2009, 54, 725-735.	1.6	39
24	<i>Crotalus durissus collilineatus</i> venom gland transcriptome: Analysis of gene expression profile. <i>Biochimie</i> , 2009, 91, 586-595.	2.6	38
25	BnSP-7 toxin, a basic phospholipase A ₂ from <i>Bothrops pauloensis</i> snake venom, interferes with proliferation, ultrastructure and infectivity of <i>Leishmania</i> (<i>Leishmania</i>) <i>amazonensis</i> . <i>Parasitology</i> , 2013, 140, 844-854.	1.5	37
26	Human breast cancer cell death induced by BnSP-6, a Lys-49 PLA2 homologue from <i>Bothrops pauloensis</i> venom. <i>International Journal of Biological Macromolecules</i> , 2016, 82, 671-677.	7.5	37
27	Neutralization of some hematological and hemostatic alterations induced by neuwiedase, a metalloproteinase isolated from <i>Bothrops neuwiedi pauloensis</i> snake venom, by the aqueous extract from <i>Casearia mariquitensis</i> (Flacourtiaceae). <i>Biochimie</i> , 2003, 85, 669-675.	2.6	32
28	Isolation and functional characterization of proinflammatory acidic phospholipase A2 from <i>Bothrops leucurus</i> snake venom. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2011, 154, 226-233.	2.6	32
29	Characterization of inflammatory reaction induced by neuwiedase, a P-I metalloproteinase isolated from <i>Bothrops neuwiedi</i> venom. <i>Toxicon</i> , 2009, 54, 42-49.	1.6	31
30	Triacetyl p-coumarate: An inhibitor of snake venom metalloproteinases. <i>Phytochemistry</i> , 2013, 86, 72-82.	2.9	31
31	Neutralization of Pharmacological and Toxic Activities of <i>Bothrops</i> Snake Venoms by <i>Schizolobium parahyba</i> (Fabaceae) Aqueous Extract and Its Fractions. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008, 103, 104-107.	2.5	30
32	Analysis in vivo of antitumor activity, Cytotoxicity and Interaction between plasmid DNA and the cis-dichlorotetraammineruthenium(III) chloride. <i>Chemico-Biological Interactions</i> , 2007, 167, 116-124.	4.0	29
33	Anti-venom properties of <i>Schizolobium parahyba</i> (Caesalpinoideae) aqueous leaves extract. <i>Phytotherapy Research</i> , 2008, 22, 859-866.	5.8	28
34	Antitumor and antimetastatic effects of PLA2-BthTX-II from <i>Bothrops jararacussu</i> venom on human breast cancer cells. <i>International Journal of Biological Macromolecules</i> , 2019, 135, 261-273.	7.5	28
35	Anti-parasitic effect on <i>Toxoplasma gondii</i> induced by BnSP-7, a Lys49-phospholipase A2 homologue from <i>Bothrops pauloensis</i> venom. <i>Toxicon</i> , 2016, 119, 84-91.	1.6	27
36	Purification and functional characterization of a new metalloproteinase (BleucMP) from <i>Bothrops leucurus</i> snake venom. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2011, 153, 290-300.	2.6	26

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37	Insights into anti-parasitism induced by a C-type lectin from <i>Bothrops pauloensis</i> venom on <i>Toxoplasma gondii</i> . <i>International Journal of Biological Macromolecules</i> , 2015, 74, 568-574.	7.5	26
38	An $\hat{1}$ -type phospholipase A2 inhibitor from <i>Bothrops jararacussu</i> snake plasma: Structural and functional characterization. <i>Biochimie</i> , 2008, 90, 1506-1514.	2.6	25
39	Insights of local tissue damage and regeneration induced by BnSP-7, a myotoxin isolated from <i>Bothrops (neuwiedi) pauloensis</i> snake venom. <i>Toxicon</i> , 2009, 53, 560-569.	1.6	25
40	In Vitro and in Vivo Antitumor Effect of Trachylobane-360, a Diterpene from <i>Xylopia langsdorffiana</i> . <i>Molecules</i> , 2012, 17, 9573-9589.	3.8	25
41	Molecular Cloning and Pharmacological Properties of an Acidic PLA2 from <i>Bothrops pauloensis</i> Snake Venom. <i>Toxins</i> , 2013, 5, 2403-2419.	3.4	25
42	Galectin-3: A Friend but Not a Foe during <i>Trypanosoma cruzi</i> Experimental Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 463.	3.9	24
43	Increased ROS generation causes apoptosis-like death: Mechanistic insights into the anti- <i>Leishmania</i> activity of a potent ruthenium(II) complex. <i>Journal of Inorganic Biochemistry</i> , 2019, 195, 1-12.	3.5	24
44	Biochemical and enzymatic characterization of BpMP-I, a fibrinogenolytic metalloproteinase isolated from <i>Bothropoides pauloensis</i> snake venom. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2012, 161, 102-109.	1.6	23
45	Peptide mimicking antigenic and immunogenic epitope of neuwiedase from <i>Bothrops neuwiedi</i> snake venom. <i>Toxicon</i> , 2009, 53, 254-261.	1.6	22
46	Anti- <i>Leishmania</i> activity of new ruthenium(II) complexes: Effect on parasite-host interaction. <i>Journal of Inorganic Biochemistry</i> , 2017, 175, 225-231.	3.5	22
47	Isolation and biochemical characterization of a $\hat{3}$ -type phospholipase A2 inhibitor from <i>Crotalus durissus collilineatus</i> snake serum. <i>Toxicon</i> , 2014, 81, 58-66.	1.6	21
48	Mechanistic Insights into the Anti-angiogenic Activity of <i>Trypanosoma cruzi</i> Protein 21 and its Potential Impact on the Onset of Chagasic Cardiomyopathy. <i>Scientific Reports</i> , 2017, 7, 44978.	3.3	21
49	<i>Trypanosoma cruzi</i> P21: a potential novel target for chagasic cardiomyopathy therapy. <i>Scientific Reports</i> , 2015, 5, 16877.	3.3	20
50	In vitro antitumor and antiangiogenic effects of Bothropoidin, a metalloproteinase from <i>Bothrops pauloensis</i> snake venom. <i>International Journal of Biological Macromolecules</i> , 2017, 97, 770-777.	7.5	20
51	Antitumor potential of Pllansê“ll, an acidic Asp49â€“PLA2 from <i>Porthidium lansbergii lansbergii</i> snake venom on human cervical carcinoma HeLa cells. <i>International Journal of Biological Macromolecules</i> , 2019, 122, 1053-1061.	7.5	20
52	Genotoxic effects of BnSP-6, a Lys-49 phospholipase A2 (PLA2) homologue from <i>Bothrops pauloensis</i> snake venom, on MDA-MB-231 breast cancer cells. <i>International Journal of Biological Macromolecules</i> , 2018, 118, 311-319.	7.5	20
53	<i>Toxoplasma gondii</i> : Effects of neuwiedase, a metalloproteinase from <i>Bothrops neuwiedi</i> snake venom, on the invasion and replication of human fibroblasts in vitro. <i>Experimental Parasitology</i> , 2008, 120, 391-396.	1.2	18
54	Biochemical properties of a new PI SVMP from <i>Bothrops pauloensis</i> : Inhibition of cell adhesion and angiogenesis. <i>International Journal of Biological Macromolecules</i> , 2015, 72, 445-453.	7.5	18

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55	Biochemical and functional characterization of a C-type lectin (BpLec) from <i>Bothrops pauloensis</i> snake venom. <i>International Journal of Biological Macromolecules</i> , 2013, 54, 57-64.	7.5	17
56	Expression of a new serine protease from <i>Crotalus durissus collilineatus</i> venom in <i>Pichia pastoris</i> and functional comparison with the native enzyme. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 9971-9986.	3.6	17
57	Antitumoral effects of $\hat{1}^3\text{CdcPLI}$, a PLA2 inhibitor from <i>Crotalus durissus collilineatus</i> via PI3K/Akt pathway on MDA-MB-231 breast cancer cell. <i>Scientific Reports</i> , 2017, 7, 7077.	3.3	17
58	Ruthenium (II) complex $\text{cis-}[\text{Ru}(\text{II})(\text{Å}^2\text{-O2CC7H7O2})(\text{dppm})_2]\text{PF}_6\text{-hmx}^{\text{bato}}$ induces ROS-mediated apoptosis in lung tumor cells producing selective cytotoxicity. <i>Scientific Reports</i> , 2020, 10, 15410.	3.3	15
59	Antitumoral Potential of Lansbermin-I, a Novel Disintegrin from <i>Porthidium lansbergii lansbergii</i> Venom on Breast Cancer Cells. <i>Current Topics in Medicinal Chemistry</i> , 2019, 19, 2069-2078.	2.1	14
60	Molecular cloning of a hyaluronidase from <i>Bothrops pauloensis</i> venom gland. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2014, 20, 25.	1.4	13
61	In vitro additive interaction between ketoconazole and antimony against intramacrophage <i>Leishmania (Leishmania) amazonensis</i> amastigotes. <i>PLoS ONE</i> , 2017, 12, e0180530.	2.5	12
62	Antiparasitic effects induced by polyclonal IgY antibodies anti-phospholipase A2 from <i>Bothrops pauloensis</i> venom. <i>International Journal of Biological Macromolecules</i> , 2018, 112, 333-342.	7.5	12
63	A New Phospholipase A₂ from <i>Lachesis muta rhombeata</i> : Purification, Biochemical and Comparative Characterization with Crotoxin B. <i>Protein and Peptide Letters</i> , 2015, 22, 816-827.	0.9	11
64	Biochemical and functional characterization of Bothropoidin: the first haemorrhagic metalloproteinase from <i>Bothrops pauloensis</i> snake venom. <i>Journal of Biochemistry</i> , 2015, 157, 137-149.	1.7	10
65	Angiogenic effects of BpLec, a C-type lectin isolated from <i>Bothrops pauloensis</i> snake venom. <i>International Journal of Biological Macromolecules</i> , 2017, 102, 153-161.	7.5	10
66	A comparative study on the leishmanicidal activity of the L-amino acid oxidases BjuuLAAO-II and BmooLAAO-II isolated from Brazilian <i>Bothrops</i> snake venoms. <i>International Journal of Biological Macromolecules</i> , 2021, 167, 267-278.	7.5	10
67	Structure-Based Discovery of Thiosemicarbazone Metalloproteinase Inhibitors for Hemorrhage Treatment in Snakebites. <i>ACS Medicinal Chemistry Letters</i> , 2017, 8, 1136-1141.	2.8	9
68	Action of neuwiedase, a metalloproteinase isolated from <i>Bothrops neuwiedi</i> venom, on skeletal muscle: an ultrastructural and immunocytochemistry study. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2010, 16, 462-469.	1.4	8
69	Effects of <i>Schizolobium parahyba</i> Extract on Experimental <i>Bothrops</i> Venom-Induced Acute Kidney Injury. <i>PLoS ONE</i> , 2014, 9, e86828.	2.5	8
70	<i>Bothrops pauloensis</i> Snake Venom Toxins: The Search for New Therapeutic Models. <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 670-684.	2.1	8
71	Crystallization and preliminary X-ray diffraction analysis of a myotoxic phospholipase A2 homologue from <i>Bothrops neuwiedi pauloensis</i> venom. <i>BBA - Proteins and Proteomics</i> , 1999, 1432, 393-395.	2.1	7
72	Antiangiogenic effects of phospholipase A2 Lys49 BnSP-7 from <i>Bothrops pauloensis</i> snake venom on endothelial cells: An in vitro and ex vivo approach. <i>Toxicology in Vitro</i> , 2021, 72, 105099.	2.4	7

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73	Inhibition of proteases, myotoxins and phospholipases A2 from Bothrops venoms by the heteromeric protein complex of Didelphis albiventris opossum serum. IUBMB Life, 1997, 43, 1091-1099.	3.4	6
74	Bothrops pirajai snake venom L-amino acid oxidase: in vitro effects on infection of Toxoplasma gondii in human foreskin fibroblasts. Revista Brasileira De Farmacognosia, 2011, 21, 477-485.	1.4	6
75	Panacea within a Pandora's box: the antiparasitic effects of phospholipases A2 (PLA2s) from snake venoms. Trends in Parasitology, 2022, 38, 80-94.	3.3	6
76	The Anthelmintic Effect on Strongyloides venezuelensis Induced by BnSP- 6, a Lys49-phospholipase A2 Homologue from Bothrops pauloensis Venom. Current Topics in Medicinal Chemistry, 2019, 19, 2032-2040.	2.1	6
77	Acute toxicity of <i>Schizolobium parahyba</i> aqueous extract in mice. Phytotherapy Research, 2010, 24, 459-462.	5.8	5
78	Generation and In-planta expression of a recombinant single chain antibody with broad neutralization activity on Bothrops pauloensis snake venom. International Journal of Biological Macromolecules, 2020, 149, 1241-1251.	7.5	5
79	Expression and partial biochemical characterization of a recombinant serine protease from Bothrops pauloensis snake venom. Toxicon, 2016, 115, 49-54.	1.6	4
80	Cross-reactivity and inhibition myotoxic effects induced by Bothrops snake venoms using specific polyclonal anti-BnSP7 antibodies. Biologicals, 2017, 50, 109-116.	1.4	3
81	Human B cells infected by Trypanosoma cruzi undergo F-actin disruption and cell death via caspase-7 activation and cleavage of phospholipase C β 1. Immunobiology, 2020, 225, 151904.	1.9	3
82	Mutagenic and genotoxic activities of Phospholipase A2 Bothropstoxin-I from Bothrops jararacussu in Drosophila melanogaster and human cell lines. International Journal of Biological Macromolecules, 2021, 182, 1602-1610.	7.5	3
83	Shedding Lights on Crude Venom from Solitary Foraging Predatory Ant Ectatomma opaciventre: Initial Toxinological Investigation. Toxins, 2022, 14, 37.	3.4	2
84	Heterologous production of RBP-SP, a serine protease from Bothrops pauloensis expressed in Pichia pastoris system and its interference on hemostasis. Toxicology Letters, 2014, 229, S80-S81.	0.8	0
85	Functional characterization of a serine protease from Crotalus durissus collilineatus highly expressed in Pichia pastoris: Comparison to its native form. Toxicology Letters, 2014, 229, S55-S56.	0.8	0
86	Neuwiedase (Bothrops neuwiedi) , 2013, , 1005-1012.		0