Marcelo Larami Santoro

List of Publications by Year
in descending order

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Version: 2024-02-01

62 papers	1,783 citations	201674 27 h-index	289244 40 g-index
64 all docs	64 docs citations	64 times ranked	1402 citing authors

#	Article	IF	Citations
1	Reliability of the simple 20 minute whole blood clotting test (WBCT20) as an indicator of low plasma fibrinogen concentration in patients envenomed by Bothrops snakes. Toxicon, 1994, 32, 1045-1050.	1.6	119
2	Comparative analysis of newborn and adult Bothrops jararaca snake venoms. Toxicon, 2010, 56, 1443-1458.	1.6	89
3	Haematological evaluation of patients bitten by the jararaca, Bothrops jararaca, in Brazil. Toxicon, 2008, 51, 1440-1448.	1.6	75
4	Purification and characterization of patagonfibrase, a metalloproteinase showing Î±-fibrinogenolytic and hemorrhagic activities, from Philodryas patagoniensis snake venom. Biochimica Et Biophysica Acta - General Subjects, 2007, 1770, 810-819.	2.4	73
5	Toxic activities of Brazilian centipede venoms. Toxicon, 2008, 52, 255-263.	1.6	62
6	A randomized â€˜blindedâ€™ comparison of two doses of antivenom in the treatment of Bothrops envenoming in SÃ£o Paulo, Brazil. Transactions of the Royal Society of Tropical Medicine and Hygiene, 1995, 89, 111-114.	1.8	60
7	Comparison of the biological activities in venoms from three subspecies of the South American rattlesnake (Crotalus durissus terrificus, C. durissus cascavella and C. durissus collilineatus). Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology, 1999, 122, 61-73.	0.5	60
8	Clinical picture and laboratorial evaluation in human loxoscelism. Toxicon, 2011, 58, 664-671.	1.6	60
9	Randomized comparative trial of three antivenoms in the treatment of envenoming by lance-headed vipers (‹italic›Bothrops jararaca‹/italic›) in SÃ£o Paulo, Brazil. QJM - Monthly Journal of the Association of Physicians, 1993, , .	0.5	55
10	Comparative study on extracts from the tissue covering the stingers of freshwater (Potamotrygon) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.6	54
11	A Novel Phospholipase A2, BJ-PLA2, from the Venom of the Snake Bothrops jararaca: Purification, Primary Structure Analysis, and Its Characterization as a Platelet-Aggregation-Inhibiting Factor. Archives of Biochemistry and Biophysics, 1999, 367, 26-32.	3.0	52
12	Bothrops jararaca Venom Metalloproteinases Are Essential for Coagulopathy and Increase Plasma Tissue Factor Levels during Envenomation. PLoS Neglected Tropical Diseases, 2014, 8, e2814.	3.0	51
13	Platelet dysfunction during Bothrops jararaca snake envenomation in rabbits. Thrombosis and Haemostasis, 2004, 92, 369-383.	3.4	45
14	PLATELET AGGREGATION IN PATIENTS BITTEN BY THE BRAZILIAN SNAKE Bothrops jararaca. Thrombosis Research, 1997, 87, 183-195.	1.7	43
15	Cloning, expression and characterization of a phospholipase D from Loxosceles gaucho venom gland. Biochimie, 2013, 95, 1773-1783.	2.6	41
16	In Vivo Characterization of Lopap, a Prothrombin Activator Serine Protease from the Lonomia obliqua Caterpillar Venom. Thrombosis Research, 2001, 102, 437-443.	1.7	40
17	Purification and characterization of a cysteine-rich secretory protein from Philodryas patagoniensis snake venom. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2009, 150, 79-84.	2.6	38
18	Nucleotidase and DNase activities in Brazilian snake venoms. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2008, 147, 85-95.	2.6	36

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19	NPP-BJ, a nucleotide pyrophosphatase/phosphodiesterase from Bothrops jararaca snake venom, inhibits platelet aggregation. Toxicon, 2009, 54, 499-512.	1.6	36
20	Bothrops jararaca envenomation: Pathogenesis of hemostatic disturbances and intravascular hemolysis. Experimental Biology and Medicine, 2015, 240, 1528-1536.	2.4	34
21	Inflammatory mediators generated at the site of inoculation of Loxosceles gaucho spider venom. Toxicon, 2010, 56, 972-979.	1.6	33
22	Rutin (quercetin-3-rutinoside) modulates the hemostatic disturbances and redox imbalance induced by Bothrops jararaca snake venom in mice. PLoS Neglected Tropical Diseases, 2018, 12, e0006774.	3.0	33
23	Long-lasting anti-inflammatory properties of Crotalus durissus terrificus snake venom in mice. Toxicon, 2007, 49, 1090-1098.	1.6	31
24	Venom proteomes of South and North American opisthoglyphous (Colubridae and Dipsadidae) snake species: A preliminary approach to understanding their biological roles. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2012, 7, 361-369.	1.0	31
25	Changes in hematological, hemostatic and biochemical parameters induced experimentally in rabbits by Loxosceles gaucho spider venom. Human and Experimental Toxicology, 2004, 23, 477-486.	2.2	30
26	Envenoming by Bothrops jararaca in Brazil: association between venom antigenaemia and severity at admission to hospital. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2003, 97, 312-317.	1.8	29
27	Intravascular hemolysis induced by Lonomia obliqua caterpillar bristle extract: an experimental model of envenomation in rats. Toxicon, 2004, 44, 793-799.	1.6	29
28	Purification of a phospholipase A2 from Lonomia obliqua caterpillar bristle extract. Biochemical and Biophysical Research Communications, 2006, 342, 1027-1033.	2.1	28
29	Evaluation of albuminuria and its relationship with blood pressure in dogs with chronic kidney disease. Veterinary Clinical Pathology, 2010, 39, 203-209.	0.7	28
30	Loxosceles gaucho spider venom and its sphingomyelinase fraction trigger the main functions of human and rabbit platelets. Human and Experimental Toxicology, 2011, 30, 1567-1574.	2.2	26
31	Different clotting mechanisms of Bothrops jararaca snake venom on human and rabbit plasmas. Toxicon, 1993, 31, 733-742.	1.6	23
32	Epidemiologic and clinical survey of victims of centipede stings admitted to Hospital Vital Brazil (SÃ£o) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.6	23
33	Acute kidney injury induced by thrombotic microangiopathy in two cases of Bothrops envenomation. Clinical Toxicology, 2019, 57, 213-216.	1.9	23
34	Ontogenetic Variation in Biological Activities of Venoms from Hybrids between Bothrops erythromelas and Bothrops neuwiedi Snakes. PLoS ONE, 2015, 10, e0145516.	2.5	20
35	Autolysis at the disintegrin domain of patagonfibrase, a metalloproteinase from Philodryas patagoniensis (Patagonia Green Racer; Dipsadidae) venom. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2010, 1804, 1937-1942.	2.3	18
36	Enzymatic and immunochemical characterization of Bothrops insularis venom and its neutralization by polyspecific Bothrops antivenom. Toxicon, 2007, 49, 982-994.	1.6	17

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37	Characterization of inflammatory response induced by Potamotrygon motoro stingray venom in mice. Experimental Biology and Medicine, 2014, 239, 601-609.	2.4	17
38	Protein disulfide isomerase plasma levels in healthy humans reveal proteomic signatures involved in contrasting endothelial phenotypes. Redox Biology, 2019, 22, 101142.	9.0	17
39	Involvement of circulating platelets on the hyperalgesic response evoked by carrageenan and Bothrops jararaca snake venom. Journal of Thrombosis and Haemostasis, 2011, 9, 2057-2066.	3.8	15
40	Mast cells and histamine play an important role in edema and leukocyte recruitment induced by Potamotrygon motoro stingray venom in mice. Toxicon, 2015, 103, 65-73.	1.6	15
41	The gingival vein as a minimally traumatic site for multiple blood sampling in guinea pigs and hamsters. PLoS ONE, 2017, 12, e0177967.	2.5	15
42	Inflammatory effects of patagonfibrase, a metalloproteinase from Philodryas patagoniensis (Patagonia Green Racer; Dipsadidae) venom. Experimental Biology and Medicine, 2011, 236, 1166-1172.	2.4	14
43	Biochemical and biological characterization of Bothriechis schlegelii snake venoms from Colombia and Costa Rica. Experimental Biology and Medicine, 2016, 241, 2075-2085.	2.4	14
44	In Vivo Platelet Activation Induced byBothrops jararacaVenom in Rabbits. Platelets, 1994, 5, 162-170.	2.3	13
45	Stinging caterpillars from the genera Podalia , Leucanella and Lonomia in Misiones, Argentina: A preliminary comparative approach to understand their toxicity. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2017, 202, 55-62.	2.6	12
46	Local inflammatory reaction induced by Scolopendra viridicornis centipede venom in mice. Toxicon, 2013, 76, 239-246.	1.6	10
47	Simultaneous isolation of platelet factor 4 and glycoprotein IIbâ€“IIIa complex from rabbit platelets, and characterization of specific chicken antibodies to assay them. Journal of Immunological Methods, 2004, 284, 55-72.	1.4	9
48	Role of IgG(T) and IgGa isotypes obtained from arachnidic antivenom to neutralize toxic activities of Loxosceles gaucho, Phoneutria nigriventer and Tityus serrulatus venoms. Toxicon, 2006, 48, 649-661.	1.6	9
49	Effect of sex and seasons of the year on hematologic and serum biochemical variables of captive brown brocket deer (Mazama gouazoubira). Pesquisa Veterinaria Brasileira, 2013, 33, 1364-1370.	0.5	9
50	Comparative study of platelet aggregation and secretion induced by Bothrops jararaca snake venom and thrombin. Toxicon, 2019, 159, 50-60.	1.6	9
51	Bothrops jararaca fibrinogen and its resistance to hydrolysis evoked by snake venoms. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2008, 151, 428-432.	1.6	8
52	Lonomia obliqua (Lepidoptera, Saturniidae) caterpillar bristle extract induces direct lysis by cleaving erythrocyte membrane glycoproteins. Toxicon, 2010, 55, 1323-1330.	1.6	8
53	Platelet participation in the pathogenesis of dermonecrosis induced by Loxosceles gaucho venom. Human and Experimental Toxicology, 2016, 35, 666-676.	2.2	7
54	Optimization of von Willebrand factor multimer analysis in vertical mini-gel electrophoresis systems: A rapid procedure. Thrombosis Research, 2019, 175, 76-83.	1.7	7

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55	Liver gene regulation of hemostasis-related factors is altered by experimental snake envenomation in mice. PLoS Neglected Tropical Diseases, 2020, 14, e0008379.	3.0	7
56	Involvement of von Willebrand factor and botrocetin in the thrombocytopenia induced by Bothrops jararaca snake venom. PLoS Neglected Tropical Diseases, 2021, 15, e0009715.	3.0	6
57	Patagonfibrase modifies protein expression of tissue factor and protein disulfide isomerase in rat skin. Toxicon, 2016, 119, 330-335.	1.6	5
58	The Bioflavonoids Rutin and Rutin Succinate Neutralize the Toxins of B. jararaca Venom and Inhibit its Lethality. Frontiers in Pharmacology, 2022, 13, 828269.	3.5	4
59	AvaliaÃ§Ã£o da albuminÃºria e da eletroforese de proteÃnas urinÃ¡rias de cÃ£es com hiperadrenocorticismo e a relaÃ§Ã£o com a pressÃ£o arterial sistÃªmica. Pesquisa Veterinaria Brasileira, 2013, 33, 1357-1363.	0.5	3
60	Isolation and Characterization of IgM and IgY Antibodies from Plasma of Magellanic Penguins (Spheniscus magellanicus). Avian Diseases, 2015, 59, 79-86.	1.0	2
61	The absence of thrombin-like activity in Bothrops erythromelas venom is due to the deletion of the snake venom thrombin-like enzyme gene. PLoS ONE, 2021, 16, e0248901.	2.5	2
62	Erratum to â€œComparison of the biological activities in venoms from three subspecies of the South American rattlesnake (Crotalus durissus terrificus, C. durissus cascavella and C. durissus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td (c Toxicology, 1999, 123, 293.	0.5	1