Stephen Hyslop

List of Publications by Year
in descending order

92 papers	1,568 citations	304602 22 h-index	360920 35 g-index
92 all docs	92 docs citations	92 times ranked	1504 citing authors

#	Article	IF	Citations
1	Inhibition of carrageeninâ€induced rat paw oedema by crotapotin, a polypeptide complexed with phospholipase A₂. British Journal of Pharmacology, 1995, 114, 578-583.	2.7	85
2	Coral snake bites (Micrurus spp.) in Brazil: a review of literature reports. Clinical Toxicology, 2016, 54, 222-234.	0.8	77
3	Clinical consequences of Tityus bahiensis and Tityus serrulatus scorpion stings in the region of Campinas, southeastern Brazil. Toxicon, 2014, 89, 17-25.	0.8	72
4	Comparison of the neurotoxic and myotoxic effects of Brazilian Bothrops venoms and their neutralization by commercial antivenom. Toxicon, 2004, 44, 259-271.	0.8	62
5	A transcriptomic analysis of gene expression in the venom gland of the snake Bothrops alternatus (urutu). BMC Genomics, 2010, 11, 605.	1.2	55
6	Snakebites by Bothrops spp in children in Campinas, SÃ£o Paulo, Brazil. Revista Do Instituto De Medicina Tropical De Sao Paulo, 2001, 43, 329-333.	0.5	50
7	Systemic envenomation caused by the wandering spiderPhoneutria nigriventer, with quantification of circulating venom. Clinical Toxicology, 2008, 46, 885-889.	0.8	46
8	Bites by coral snakes (Micrurus spp.) in Campinas, State of SÃ£o Paulo, Southeastern Brazil. Revista Do Instituto De Medicina Tropical De Sao Paulo, 2006, 48, 141-145.	0.5	43
9	Biological activities of a lectin from Bothrops jararacussu snake venom. Toxicon, 2006, 47, 21-31.	0.8	42
10	Pharmacological characterization of mouse hind paw oedema induced by Bothrops insularis (jararaca) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.8	41
11	The Presynaptic Activity of Bothropstoxin-I, a Myotoxin from Bothrops jararacussu Snake Venom. Basic and Clinical Pharmacology and Toxicology, 2004, 95, 175-182.	0.0	40
12	Neutralization of the pharmacological effects of bothropstoxin-I from Bothrops jararacussu (jararacuÃ§u) venom by crotoxin antiserum and heparin. Toxicon, 2001, 39, 1477-1485.	0.8	37
13	Pharmacological and structural characterization of a novel phospholipase A2 from Micrurus dumerilii carinicauda venom. Toxicon, 2005, 46, 736-750.	0.8	37
14	Compartment syndrome afterBothrops jararacasnakebite: monitoring, treatment, and outcome. Clinical Toxicology, 2010, 48, 57-60.	0.8	35
15	SOUTH AMERICAN COLUBRID ENVENOMATIONS. Toxin Reviews, 2002, 21, 117-158.	1.5	33
16	Purification, sequencing and structural analysis of two acidic phospholipases A2 from the venom of Bothrops insularis (jararaca ilhoa). Biochimie, 2006, 88, 1947-1959.	1.3	32
17	Renal kinetics of Bothrops alternatus (Urutu) snake venom in rats. Toxicon, 2010, 55, 470-480.	0.8	32
18	Milking and partial characterization of venom from the Brazilian spider Vitalius dubius (Theraphosidae). Toxicon, 2009, 53, 153-161.	0.8	30

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19	BJ-PI2, A non-hemorrhagic metalloproteinase from Bothrops jararaca snake venom. Biochimica Et Biophysica Acta - General Subjects, 2012, 1820, 1809-1821.	1.1	28
20	NON-SPECIFIC INHIBITORS OF NITRIC OXIDE SYNTHASE CAUSE MYOCARDIAL NECROSIS IN THE RAT. Clinical and Experimental Pharmacology and Physiology, 1997, 24, 349-352.	0.9	25
21	Cytoskeletal rearrangement and cell death induced by Bothrops alternatus snake venom in cultured Madinâ€“Darby canine kidney cells. Biochemistry and Cell Biology, 2007, 85, 591-605.	0.9	25
22	Neurotoxicity ofMicrurus altirostris(Uruguayan coral snake) venom and its neutralization by commercial coral snake antivenom and specific antiserum raised in rabbits. Clinical Toxicology, 2008, 46, 519-527.	0.8	25
23	Histological and functional renal alterations caused by Bothrops alternatus snake venom: Expression and activity of Na+/K+-ATPase. Biochimica Et Biophysica Acta - General Subjects, 2011, 1810, 895-906.	1.1	23
24	Characterization of the mechanisms underlying the inflammatory response to Polistes lanio lanio (paper wasp) venom in mouse dorsal skin. Toxicon, 2009, 53, 42-52.	0.8	22
25	Neutralizing capacity of commercial bothropic antivenom againstBothrops jararacussu venom and bothropstoxin-I. Muscle and Nerve, 2000, 23, 1832-1839.	1.0	21
26	Cross-neutralization of the neurotoxicity of Crotalus durissus terrificus and Bothrops jararacussu venoms by antisera against crotoxin and phospholipase A2 from Crotalus durissus cascavella venom. Toxicon, 2005, 46, 604-611.	0.8	21
27	Organization of collagen bundles during tendon healing in rats treated with L-NAME. Cell and Tissue Research, 2009, 337, 235-242.	1.5	21
28	Pharmacological study of a new Asp49 phospholipase A2 (Bbil-TX) isolated from Bothriopsis bilineata smargadina (forest viper) venom in vertebrate neuromuscular preparations. Toxicon, 2013, 69, 191-199.	0.8	21
29	Peptidase activities in rats treated chronically with N-nitro-l-arginine methyl ester (L-NAME). Biochemical Pharmacology, 2004, 68, 205-214.	2.0	20
30	An Isoflavone from Dipteryx alata Vogel is Active against the in Vitro Neuromuscular Paralysis of Bothrops jararacussu Snake Venom and Bothropstoxin I, and Prevents Venom-Induced Myonecrosis. Molecules, 2014, 19, 5790-5805.	1.7	20
31	Thrombotic microangiopathy following Bothrops jararaca snakebite: case report. Clinical Toxicology, 2019, 57, 294-299.	0.8	19
32	Decreased Expression of Stem Cell Markers by Simvastatin in 7,12-dimethylbenz(a)anthracene (DMBA)â€“induced Breast Cancer. Toxicologic Pathology, 2015, 43, 400-410.	0.9	18
33	Presynaptic action of Bothriopsis bilineata smargadina (forest viper) venom inÂvitro. Toxicon, 2011, 58, 140-145.	0.8	16
34	Effect of Bothrops leucurus venom in chick biventer cervicis preparations. Toxicon, 2003, 41, 595-603.	0.8	15
35	VdTX-1, a reversible nicotinic receptor antagonist isolated from venom of the spider Vitalius dubius (Theraphosidae). Toxicon, 2013, 70, 135-141.	0.8	14
36	Activation by Phoneutria nigriventer spider venom of autonomic nerve fibers in the isolated rat heart. European Journal of Pharmacology, 1998, 363, 139-146.	1.7	13

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37	Hepatic morphological alterations, glycogen content and cytochrome P450 activities in rats treated chronically with Nï‰-nitro-L-arginine methyl ester (L-NAME). Cell and Tissue Research, 2007, 329, 45-58.	1.5	13
38	Neurotoxicity of Micrurus lemniscatus lemniscatus (South American coralsnake) venom in vertebrate neuromuscular preparations in vitro and neutralization by antivenom. Archives of Toxicology, 2019, 93, 2065-2086.	1.9	12
39	Neuromuscular action of venom from the South American colubrid snake Philodryas patagoniensis. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2008, 148, 31-38.	1.3	11
40	Venom apparatus of the Brazilian tarantula Vitalius dubius Mello-LeitÃ£o 1923 (Theraphosidae). Cell and Tissue Research, 2009, 335, 617-629.	1.5	11
41	Rat atrial responses to Bothrops jararacussu (jararacuÃ§u) snake venom. Toxicology, 2014, 323, 109-124.	2.0	11
42	Hemodynamic responses to Lachesis muta (South American bushmaster) snake venom in anesthetized rats. Toxicon, 2016, 123, 1-14.	0.8	11
43	Photobiomodulation of local alterations induced by BthTX-I, a phospholipase A2 myotoxin from Bothrops jararacussu snake venom: In vivo and in vitro evaluation. International Journal of Biological Macromolecules, 2018, 107, 2020-2025.	3.6	11
44	Neuromuscular and phospholipase activities of venoms from three subspecies of Bothrops neuwiedi (B. n. goyazensis, B. n. paranaensis and B. n. diporus). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2007, 148, 142-149.	0.8	10
45	The Triterpenoid Betulin Protects against the Neuromuscular Effects ofBothrops jararacussuSnake VenomIn Vivo. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-10.	0.5	10
46	Local and hematological alterations induced by Philodryas olfersii snake venom in mice. Toxicon, 2017, 132, 9-17.	0.8	10
47	Action of Varespladib (LY-315920), a Phospholipase A2 Inhibitor, on the Enzymatic, Coagulant and Haemorrhagic Activities of Lachesis muta rhombeata (South-American Bushmaster) Venom. Frontiers in Pharmacology, 2021, 12, 812295.	1.6	10
48	Cardiovascular Responses to Bothrops alternatus (Urutu) Snake Venom in Anesthetized Dogs. Cardiovascular Toxicology, 2012, 12, 243-257.	1.1	9
49	Presynaptic neuromuscular action of a methanolic extract from the venom of Rhinella schneideri toad. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2014, 20, 30.	0.8	9
50	Management of severe pain after dermal contact with caterpillars (erucism): a prospective case series. Clinical Toxicology, 2019, 57, 338-342.	0.8	9
51	Toxinological characterization of venom from Leptodeira annulata (Banded cat-eyed snake;) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.3	9
52	Albumin Is Synthesized in Epididymis and Aggregates in a High Molecular Mass Glycoprotein Complex Involved in Sperm-Egg Fertilization. PLoS ONE, 2014, 9, e103566.	1.1	9
53	Bothrops fonsecai snake venom activities and cross-reactivity with commercial bothropic venom. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2017, 191, 86-100.	1.3	8
54	Biochemical characterization of venom from Pseudoboa neuwiedii (Neuwied's false boa;) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (X Pharmacology, 2018, 213, 27-38.	1.3	8

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55	Inhibition of Kv2.1 Potassium Channels by MiDCA1, A Pre-Synaptically Active PLA2-Type Toxin from Micrurus dumerilii carinicauda Coral Snake Venom. Toxins, 2019, 11, 335.	1.5	8
56	Effects of Two Fractions of Swietenia macrophylla and Catechin on Muscle Damage Induced by BothropsVenom and PLA2. Toxins, 2019, 11, 40.	1.5	8
57	Near-fatal poisoning after ricin injection. Clinical Toxicology, 2021, 59, 158-168.	0.8	8
58	Effect of the phospholipase A2 inhibitor Varespladib, and its synergism with crotalic antivenom, on the neuromuscular blockade induced by Crotalus durissus terrificus venom (with and without) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 617	0.8	8
59	Neuromuscular activity of Bothrops alcatraz snake venom in chick biventer cervicis preparations. Toxicon, 2012, 59, 294-299.	0.8	7
60	Pharmacological analysis of hemodynamic responses to Lachesis muta (South American bushmaster) snake venom in anesthetized rats. Toxicon, 2016, 123, 25-44.	0.8	7
61	Fatal ischemic stroke following Tityus serrulatus scorpion sting in a patient with essential thrombocythemia. Clinical Toxicology, 2016, 54, 867-870.	0.8	7
62	Cardiovascular activity of Micrurus lemniscatus lemniscatus (South American coralsnake) venom. Toxicon, 2020, 186, 58-66.	0.8	7
63	The neuromuscular activity of Bothriopsis bilineata smaragdina (forest viper) venom and its toxin Bbil-TX (Asp49 phospholipase A2) on isolated mouse nerve-muscle preparations. Toxicon, 2015, 96, 24-37.	0.8	6
64	Scorpion venom increases acetylcholine release by prolonging the duration of somatic nerve action potentials. Neuropharmacology, 2019, 153, 41-52.	2.0	6
65	Consecutive envenomation of two men bitten by the same coral snake (Micrurus corallinus). Clinical Toxicology, 2020, 58, 132-135.	0.8	6
66	Chemical and Pharmacological Screening of Rhinella icterica (Spix 1824) Toad Parotoid Secretion in Avian Preparations. Toxins, 2020, 12, 396.	1.5	6
67	Partial efficacy of a Brazilian coralsnake antivenom and varespladib in neutralizing distinct toxic effects induced by sublethal Micrurus dumerilii carinicauda envenoming in rats. Toxicon, 2022, 213, 99-104.	0.8	6
68	Pharmacological Characterization of the Edema Caused by Vitalius dubius (Theraphosidae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 To 356, 13-19.	1.3	5
69	Low-intensity laser therapy improves tetanic contractions in mouse anterior tibialis muscle injected with Bothrops jararaca snake venom. Research on Biomedical Engineering, 2016, 32, 153-160.	1.5	5
70	Functional Î²₂-adrenoceptors in rat left atria: effect of foot-shock stress. Canadian Journal of Physiology and Pharmacology, 2017, 95, 999-1008.	0.7	5
71	Serum Concentration of Risperidone and Adverse Effects in Children and Adolescents. Journal of Child and Adolescent Psychopharmacology, 2017, 27, 211-212.	0.7	5
72	Envenomation by Wandering Spiders (Genus Phoneutria). Toxinology, 2018, , 101-154.	0.2	5

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73	Kinetic profile of N,Nâ€dimethyltryptamine and Î²â€carbolines in saliva and serum after oral administration of ayahuasca in a religious context. Drug Testing and Analysis, 2021, 13, 664-678.	1.6	5
74	Chronotropic response of Î²-adrenergic-, muscarinic-, and calcitonin gene-related peptide-receptor agonists in right atria from neonatal capsaicin-treated rats. Neuroscience Letters, 2002, 325, 147-150.	1.0	4
75	Hemodynamic Effects of a Combination of Bupropion and Nicotine in Anesthetized Dogs. Cardiovascular Toxicology, 2006, 6, 63-68.	1.1	4
76	Antidote availability in the municipality of Campinas, SÃ£o Paulo, Brazil. Sao Paulo Medical Journal, 2017, 135, 15-22.	0.4	4
77	Acute kidney injury caused by the intraperitoneal injection of Bothrops jararaca venom in rats. Natural Product Research, 2020, 34, 2533-2538.	1.0	4
78	Are Silver Nanoparticles Useful for Treating Second-Degree Burns? An Experimental Study in Rats. Advanced Pharmaceutical Bulletin, 2021, 11, 130-136.	0.6	4
79	Increased Levels and Activities of Matrix Metalloproteinases in Sickle Cell Disease.. Blood, 2006, 108, 1220-1220.	0.6	4
80	Presynaptic effect of a methanolic extract of toad (Rhinella schneideri) poison in avian neuromuscular preparation. Journal of Venom Research, 2011, 2, 32-6.	0.6	4
81	Neurotoxicity of Tityus bahiensis (brown scorpion) venom in sympathetic vas deferens preparations and neuronal cells. Archives of Toxicology, 2020, 94, 3315-3327.	1.9	3
82	Chemical and functional analyses of Rhinella icterica (Spix, 1824) toad secretion screened on contractions of the heart and oviduct in Locusta migratoria. Journal of Insect Physiology, 2021, 129, 104192.	0.9	3
83	Presynaptic Activity of an Isolated Fraction from Rhinella schneideri Poison. Advanced Pharmaceutical Bulletin, 2018, 8, 517-522.	0.6	3
84	Experimental model for removal of snake venom via hemoperfusion in rats. Journal of Veterinary Emergency and Critical Care, 2020, 30, 286-294.	0.4	2
85	A Highly Polar Phytocomplex Involving Rutin is Responsible for the Neuromuscular Facilitation Caused by Casearia sylvestris (guaÃ§atonga). Current Pharmaceutical Biotechnology, 2016, 17, 1360-1368.	0.9	2
86	Biochemical characterization and cytotoxic effect of the skin secretion from the red-spotted Argentina frog Argenteohyla siemersi (Anura: Hylidae). Journal of Venomous Animals and Toxins Including Tropical Diseases, 2020, 26, e20190078.	0.8	2
87	Evaluation of Protection by Caffeic Acid, Chlorogenic Acid, Quercetin and Tannic Acid against the In Vitro Neurotoxicity and In Vivo Lethality of Crotalus durissus terrificus (South American) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.6	2
88	Temporal evolution of dermonecrosis in loxoscelism assessed by photodocumentation. Revista Da Sociedade Brasileira De Medicina Tropical, 2022, 55, e0502.	0.4	2
89	In vitro effects of Crotalus atrox snake venom on chick and mouse neuromuscular preparations. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2018, 209, 37-45.	1.3	1
90	Neutralizing capacity of commercial bothropic antivenom against Bothrops jararacussu venom and bothropstoxinâ€I. Muscle and Nerve, 2000, 23, 1832-1839.	1.0	1

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91	Envenomation by Wandering Spiders (Genus Phoneutria). , 2016, , 1-49.		1
92	Envenomation by Wandering Spiders (Genus Phoneutria). Toxinology, 2017, , 1-44.	0.2	1