Wayne C Hodgson

List of Publications by Year
in descending order

184 papers	5,888 citations	87723 38 h-index	110170 64 g-index
189 all docs	189 docs citations	189 times ranked	3519 citing authors

#	Article	IF	Citations
1	Early evolution of the venom system in lizards and snakes. Nature, 2006, 439, 584-588.	13.7	531
2	Pharmacology and biochemistry of spider venoms. Toxicon, 2002, 40, 225-254.	0.8	303
3	Isolation of a Neurotoxin (?-colubritoxin) from a Nonvenomous Colubrid: Evidence for Early Origin of Venom in Snakes. Journal of Molecular Evolution, 2003, 57, 446-452.	0.8	138
4	Alpha neurotoxins. Toxicon, 2013, 66, 47-58.	0.8	135
5	The pharmacological activity of fish venoms. Toxicon, 2002, 40, 1083-1093.	0.8	120
6	A central role for venom in predation by Varanus komodoensis (Komodo Dragon) and the extinct giant Varanus (Megalania) priscus. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 8969-8974.	3.3	120
7	In vitro neuromuscular activity of snake venoms. Clinical and Experimental Pharmacology and Physiology, 2002, 29, 807-814.	0.9	106
8	Ohanin, a Novel Protein from King Cobra Venom, Induces Hypolocomotion and Hyperalgesia in Mice. Journal of Biological Chemistry, 2005, 280, 13137-13147.	1.6	85
9	Novel Venom Proteins Produced by Differential Domain-Expression Strategies in Beaded Lizards and Gila Monsters (genus Heloderma). Molecular Biology and Evolution, 2010, 27, 395-407.	3.5	85
10	Differential Evolution and Neofunctionalization of Snake Venom Metalloprotease Domains. Molecular and Cellular Proteomics, 2013, 12, 651-663.	2.5	83
11	Attenuated responses to endothelinâ€1, KCl and CaCl₂, but not noradrenaline, of aortae from rats with streptozotocinâ€induced diabetes mellitus. British Journal of Pharmacology, 1991, 104, 928-932.	2.7	78
12	Development of a sensitive enzyme immunoassay for measuring taipan venom in serum. Toxicon, 2010, 55, 1510-1518.	0.8	78
13	Chironex fleckeri (Box Jellyfish) Venom Proteins. Journal of Biological Chemistry, 2014, 289, 4798-4812.	1.6	72
14	How the Cobra Got Its Flesh-Eating Venom: Cytotoxicity as a Defensive Innovation and Its Co-Evolution with Hooding, Aposematic Marking, and Spitting. Toxins, 2017, 9, 103.	1.5	71
15	Effects of In Vivo and In Vitro L-Arginine Supplementation on Healthy Human Vessels. Journal of Cardiovascular Pharmacology, 1996, 28, 158-166.	0.8	71
16	Electrospray liquid chromatography/mass spectrometry fingerprinting ofAcanthophis(death adder) venoms: taxonomic and toxinological implications. Rapid Communications in Mass Spectrometry, 2002, 16, 600-608.	0.7	70
17	Functional and Structural Diversification of the Anguimorpha Lizard Venom System. Molecular and Cellular Proteomics, 2010, 9, 2369-2390.	2.5	70
18	Stonefish toxin defines an ancient branch of the perforin-like superfamily. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 15360-15365.	3.3	69

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19	The in vivo cardiovascular effects of box jellyfish Chironex fleckeri venom in rats: efficacy of pre-treatment with antivenom, verapamil and magnesium sulphate. Toxicon, 2004, 43, 685-690.	0.8	65
20	Novel natriuretic peptides from the venom of the inland taipan (Oxyuranus microlepidotus): isolation, chemical and biological characterisation. Biochemical and Biophysical Research Communications, 2005, 327, 1011-1015.	1.0	65
21	Pharmacologically distinct cardiovascular effects of box jellyfish (Chironex fleckeri) venom and a tentacle-only extract in rats. Toxicology Letters, 2005, 155, 219-226.	0.4	65
22	Effectiveness of Snake Antivenom: Species and Regional Venom Variation and Its Clinical Impact. Toxin Reviews, 2003, 22, 23-34.	1.5	64
23	The in vivo cardiovascular effects of the Irukandji jellyfish (Carukia barnesi) nematocyst venom and a tentacle extract in rats. Toxicology Letters, 2005, 155, 135-141.	0.4	63
24	The ï‰-atracotoxins: Selective blockers of insect M-LVA and HVA calcium channels. Biochemical Pharmacology, 2007, 74, 623-638.	2.0	63
25	Efficacy of Indian polyvalent snake antivenoms against Sri Lankan snake venoms: lethality studies or clinically focussed in vitro studies. Scientific Reports, 2016, 6, 26778.	1.6	58
26	Venom proteomic characterization and relative antivenom neutralization of two medically important Pakistani elapid snakes (Bungarus sindanus and Naja naja). Journal of Proteomics, 2013, 89, 15-23.	1.2	55
27	Effects of Animal Venoms and Toxins on Hallmarks of Cancer. Journal of Cancer, 2016, 7, 1571-1578.	1.2	53
28	The Snake with the Scorpionâ€™s Sting: Novel Three-Finger Toxin Sodium Channel Activators from the Venom of the Long-Glanded Blue Coral Snake (Calliophis bivirgatus). Toxins, 2016, 8, 303.	1.5	53
29	Pharmacological characterisation of a neurotoxin from the venom of Boiga dendrophila (Mangrove) Tj ETQq1 1 0.784314 rgBT /Overl	0.8	52
30	Cardiovascular effects of Nemopilema nomurai (Scyphozoa: Rhizostomeae) jellyfish venom in rats. Toxicology Letters, 2006, 167, 205-211.	0.4	49
31	Neurotoxic activity of venom from the Australian Eastern mouse spider (Missulena bradleyi) involves modulation of sodium channel gating. British Journal of Pharmacology, 2000, 130, 1817-1824.	2.7	44
32	The application of toxins and venoms to cardiovascular drug discovery. Current Opinion in Pharmacology, 2009, 9, 173-176.	1.7	44
33	Species and Regional Variations in the Effectiveness of Antivenom against the in Vitro Neurotoxicity of Death Adder (Acanthophis) Venoms. Toxicology and Applied Pharmacology, 2001, 175, 140-148.	1.3	43
34	Neurotoxicity in Sri Lankan Russellâ€™s Viper (Daboia russelii) Envenoming is Primarily due to U1-viperitoxin-Dr1a, a Pre-Synaptic Neurotoxin. Neurotoxicity Research, 2017, 31, 11-19.	1.3	43
35	Hypotensive Agents from Snake Venoms. Current Drug Targets Cardiovascular & Haematological Disorders, 2004, 4, 437-459.	2.0	43
36	The in vitro neuromuscular activity of Indo-Pacific sea-snake venoms: efficacy of two commercially available antivenoms. Toxicon, 2004, 44, 193-200.	0.8	42

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37	Solenodon genome reveals convergent evolution of venom in eulipotyphlan mammals. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 25745-25755.	3.3	42
38	Discovery of an MIT-like atracotoxin family: Spider venom peptides that share sequence homology but not pharmacological properties with AVIT family proteins. Peptides, 2005, 26, 2412-2426.	1.2	41
39	Intersexual variations in Northern (Missulena pruinosa) and Eastern (M. bradleyi) mouse spider venom. Toxicon, 2008, 51, 1167-1177.	0.8	41
40	Proteomic characterization and comparison of Malaysian Bungarus candidus and Bungarus fasciatus venoms. Journal of Proteomics, 2014, 110, 129-144.	1.2	41
41	Adrenergic and cholinergic activity contributes to the cardiovascular effects of lionfish (Pterois) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.8	40
42	The in vitro vascular effects of two chirodropid (Chironex fleckeri and Chiropsella bronzie) venoms. Toxicology Letters, 2007, 168, 13-20.	0.4	39
43	Defining the role of post-synaptic Î±-neurotoxins in paralysis due to snake envenoming in humans. Cellular and Molecular Life Sciences, 2018, 75, 4465-4478.	2.4	39
44	Isolation and Pharmacological Characterization of Cannitoxin, a Presynaptic Neurotoxin from the Venom of the Papuan Taipan (Oxyuranus scutellatus canni). Journal of Pharmacology and Experimental Therapeutics, 2005, 315, 1196-1202.	1.3	38
45	Intersexual variations in the pharmacological properties of Coremiocnemis tropix (Araneae,) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.8	38
46	Solving the â€˜Brown snake paradoxâ€™: In vitro characterisation of Australasian snake presynaptic neurotoxin activity. Toxicology Letters, 2012, 210, 318-323.	0.4	38
47	Dose-dependent cardiovascular and neuromuscular effects of stonefish (Synanceja trachynis) venom. Toxicon, 2000, 38, 391-407.	0.8	37
48	The in vitro effects of two chirodropid (Chironex fleckeri and Chiropsalmus sp.) venoms: efficacy of box jellyfish antivenom. Toxicon, 2003, 41, 703-711.	0.8	37
49	The Evolution of Fangs, Venom, and Mimicry Systems in Blenny Fishes. Current Biology, 2017, 27, 1184-1191.	1.8	36
50	Antivenom for Neuromuscular Paralysis Resulting From Snake Envenoming. Toxins, 2017, 9, 143.	1.5	36
51	A pharmacological examination of venoms from three species of death adder (Acanthophis) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.8	34
52	A pharmacological and biochemical examination of the geographical variation of Chironex fleckeri venom. Toxicology Letters, 2010, 192, 419-424.	0.4	34
53	Evidence that histamine is the principal pharmacological component of venom from an Australian wolf spider (Lycosa godeffroyi). Toxicon, 1998, 36, 367-375.	0.8	33
54	The effects of antivenom on the in vitro neurotoxicity of venoms from the taipans Oxyuranus scutellatus, Oxyuranus microlepidotus and Oxyuranus scutellatus canni. Toxicon, 1999, 37, 1771-1778.	0.8	33

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55	Isolation and pharmacological characterization of a phospholipase A2 myotoxin from the venom of the Irian Jayan death adder (Acanthophis rugosus). British Journal of Pharmacology, 2003, 138, 333-342.	2.7	33
56	The in vivo cardiovascular effects of an Australasian box jellyfish (Chiropsalmus sp.) venom in rats. Toxicon, 2005, 45, 321-327.	0.8	32
57	An examination of the activity of expired and mistreated commercial Australian antivenoms. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2009, 103, 937-942.	0.7	32
58	Australian funnel-web spiders evolved human-lethal Î´-hexatoxins for defense against vertebrate predators. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 24920-24928.	3.3	32
59	Sex differences in the pharmacological activity of venom from the white-tailed spider (Lampona) Tj ETQq1 1 0.784314 rgBT /Overlock	0.8	31
60	An examination of the cardiovascular effects of an â€˜Irukandjiâ€™ jellyfish, Alatina nr mordens. Toxicology Letters, 2008, 179, 118-123.	0.4	31
61	Neurotoxins From Australo-Papuan Elapids: A Biochemical and Pharmacological Perspective. Critical Reviews in Toxicology, 2008, 38, 73-86.	1.9	31
62	Pharmacological studies of jumper ant (Myrmecia pilosula) venom: Evidence for the presence of histamine, and haemolytic and eicosanoid-releasing factors. Toxicon, 1992, 30, 1081-1091.	0.8	30
63	In vitro neuromuscular activity of â€˜colubridâ€™ venoms: clinical and evolutionary implications. Toxicon, 2004, 43, 819-827.	0.8	30
64	The neuromuscular activity of paradoxin: A presynaptic neurotoxin from the venom of the inland taipan (Oxyuranus microlepidotus). Neuropharmacology, 2007, 52, 1229-1236.	2.0	30
65	Variations in the pharmacological profile of post-synaptic neurotoxins isolated from the venoms of the Papuan (Oxyuranus scutellatus canni) and coastal (Oxyuranus scutellatus scutellatus) taipans. NeuroToxicology, 2010, 31, 239-243.	1.4	30
66	Stonefish (Synanceia spp.) antivenom neutralises the in vitro and in vivo cardiovascular activity of soldierfish (Gymnapistes marmoratus) venom. Toxicon, 2001, 39, 319-324.	0.8	29
67	Isolation and characterization of rufoxin, a novel protein exhibiting neurotoxicity from venom of the psammophiine, Rhamphiophis oxyrhynchus (Rufous beaked snake). Neuropharmacology, 2007, 52, 1065-1070.	2.0	29
68	Cross-neutralisation of Australian brown snake, taipan and death adder venoms by monovalent antibodies. Vaccine, 2010, 28, 798-802.	1.7	29
69	Selecting for a sustainable workforce to meet the future healthcare needs of rural communities in Australia. Advances in Health Sciences Education, 2017, 22, 533-551.	1.7	29
70	A pharmacological examination of venom from the Papuan taipan. Toxicon, 1999, 37, 1721-1734.	0.8	28
71	Species-Dependent Variations in the in Vitro Myotoxicity of Death Adder (Acanthophis) Venoms. Toxicological Sciences, 2003, 74, 352-360.	1.4	28
72	Neurotoxic and insecticidal properties of venom from the Australian theraphosid spider Selenotholus foelschei. NeuroToxicology, 2008, 29, 471-475.	1.4	28

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73	A cell-based assay for screening of antidotes to, and antivenom against Chironex fleckeri (box) Tj ETQq1 1 0.784314 rgBT /Overlock 1	0.3	28
74	Neuromuscular activity of the venoms of the Colombian coral snakes Micrurus dissoleucus and Micrurus mipartitus: An evolutionary perspective. Toxicon, 2012, 59, 132-142.	0.8	27
75	Rattling the border wall: Pathophysiological implications of functional and proteomic venom variation between Mexican and US subspecies of the desert rattlesnake Crotalus scutulatus. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2018, 205, 62-69.	1.3	27
76	Comparison of the in vitro neuromuscular activity of venom from three australian snakes (Hoplocephalus stephensi, Austrelaps superbus and Notechis scutatus): Efficacy of tiger snake antivenom. Clinical and Experimental Pharmacology and Physiology, 2003, 30, 127-132.	0.9	26
77	Some enzymic activities of two Australian ant venoms: A jumper ant Myrmecia pilosula and a bulldog ant Myrmecia pyriformis. Toxicon, 1994, 32, 1543-1549.	0.8	25
78	Hypotensive and vascular relaxant effects of phospholipase A2 toxins from Papuan taipan (Oxyuranus) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.7	25
79	Clinical and Pharmacological Investigation of Myotoxicity in Sri Lankan Russellâ€™s Viper (Daboia) Tj ETQq1 1 0.784314 rgBT /Overlo	1.3	25
80	Effects of glucose, insulin or aldose reductase inhibition on responses to endothelinâ€1 of aortic rings from streptozotocinâ€induced diabetic rats. British Journal of Pharmacology, 1992, 106, 644-649.	2.7	24
81	The efficacy of two antivenoms against the in vitro myotoxic effects of black snake (Pseudechis) venoms in the chick biventer cervicis nerve-muscle preparation. Toxicon, 2004, 44, 837-845.	0.8	24
82	Neurotoxic effects of venoms from seven species of australasian black snakes (Pseudechis): Efficacy of black and tiger snake antivenoms. Clinical and Experimental Pharmacology and Physiology, 2005, 32, 7-12.	0.9	24
83	An in vivo comparison of the efficacy of CSL box jellyfish antivenom with antibodies raised against nematocyst-derived Chironex fleckeri venom. Toxicology Letters, 2009, 187, 94-98.	0.4	24
84	Validation of a cell-based assay to differentiate between the cytotoxic effects of elapid snake venoms. Journal of Pharmacological and Toxicological Methods, 2011, 63, 137-142.	0.3	24
85	Cross-Neutralisation of In Vitro Neurotoxicity of Asian and Australian Snake Neurotoxins and Venoms by Different Antivenoms. Toxins, 2016, 8, 302.	1.5	24
86	Proteomic Characterization of Two Medically Important Malaysian Snake Venoms, Calloselasma rhodostoma (Malayan Pit Viper) and Ophiophagus hannah (King Cobra). Toxins, 2018, 10, 434.	1.5	24
87	Attenuated 5â€hydroxytryptamine receptorâ€mediated responses in aortae from streptozotocinâ€induced diabetic rats. British Journal of Pharmacology, 1994, 111, 370-376.	2.7	23
88	Pharmacological studies of stonefish (Synanceja trachynis) venom. Toxicon, 1994, 32, 1197-1210.	0.8	22
89	PHARMACOLOGICAL ACTION OF AUSTRALIAN ANIMAL VENOMS. Clinical and Experimental Pharmacology and Physiology, 1997, 24, 10-17.	0.9	22
90	Enzyme and biochemical studies of stonefish (Synanceja trachynis) and soldierfish (Gymnapistes) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.8	22

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91	Modulation of intracellular Ca2+ levels by Scorpaenidae venoms. Toxicon, 2003, 41, 679-689.	0.8	22
92	Isolation and characterization at cholinergic nicotinic receptors of a neurotoxin from the venom of the Acanthophis sp. Seram death adder. Biochemical Pharmacology, 2004, 68, 383-394.	2.0	22
93	An in vivo examination of the stability of venom from the Australian box jellyfish Chironex fleckeri. Toxicon, 2007, 49, 804-809.	0.8	22
94	Species differences in the neuromuscular activity of post-synaptic neurotoxins from two Australian black snakes (Pseudechis porphyriacus and Pseudechis colletti). Toxicology Letters, 2013, 219, 262-268.	0.4	22
95	Population Divergence in Venom Bioactivities of Elapid Snake Pseudonaja textilis: Role of Procoagulant Proteins in Rapid Rodent Prey Incapacitation. PLoS ONE, 2013, 8, e63988.	1.1	22
96	Effect of Endothelium on Diabetes-Induced Changes in Constrictor Responses Mediated by 5-Hydroxytryptamine in Rat Aorta. Journal of Cardiovascular Pharmacology, 1993, 22, 423-430.	0.8	21
97	Snake venoms and their toxins: An Australian perspective. Toxicon, 2006, 48, 931-940.	0.8	21
98	In Vitro Toxic Effects of Puff Adder (Bitis arietans) Venom, and Their Neutralization by Antivenom. Toxins, 2014, 6, 1586-1597.	1.5	21
99	The Bold and the Beautiful: a Neurotoxicity Comparison of New World Coral Snakes in the Micruroides and Micrurus Genera and Relative Neutralization by Antivenom. Neurotoxicity Research, 2017, 32, 487-495.	1.3	21
100	The in vitro toxicity of venoms from South Asian hump-nosed pit vipers (Viperidae: Hypnale). Journal of Venom Research, 2011, 2, 17-23.	0.6	21
101	Crossâ€Neutralisation of the Neurotoxic Effects of ‹scp›E‹/scp›gyptian Cobra Venom with Commercial Tiger Snake Antivenom. Basic and Clinical Pharmacology and Toxicology, 2013, 112, 138-143.	1.2	20
102	Evidence for adrenergic and tachykinin activity in venom of the stonefish (Synanceja trachynis). Toxicon, 1996, 34, 541-554.	0.8	19
103	Rat amylin mediates a pressor response in the anaesthetised rat: implications for the association between hypertension and diabetes mellitus. Diabetologia, 1997, 40, 256-261.	2.9	19
104	Cardiovascular studies on venom from the soldierfish (Gymnapistes marmoratus). Toxicon, 1998, 36, 973-983.	0.8	19
105	Isolation and pharmacological characterisation of papuantoxin-1, a postsynaptic neurotoxin from the venom of the Papuan black snake (Pseudechis papuanus). Biochemical Pharmacology, 2005, 70, 794-800.	2.0	19
106	In vivo and in vitro cardiovascular effects of Papuan taipan (Oxyuranus scutellatus) venom: Exploring â€œsudden collapseâ€• Toxicology Letters, 2012, 213, 243-248.	0.4	19
107	Oxylepitoxin-1, a reversible neurotoxin from the venom of the inland taipan (Oxyuranus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	1.2	18
108	Isolation and pharmacological characterisation of hostoxin-1, a postsynaptic neurotoxin from the venom of the Stephen's banded snake (Hoplocephalus stephensi). Neuropharmacology, 2006, 51, 782-788.	2.0	18

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109	Isolation and characterisation of P-EPTX-Ap1a and P-EPTX-Ar1a: Pre-synaptic neurotoxins from the venom of the northern (Acanthophis praelongus) and Irian Jayan (Acanthophis rugosus) death adders. Biochemical Pharmacology, 2010, 80, 895-902.	2.0	18
110	Some pharmacological studies of venom from the inland taipan (Oxyuranus microlepidotus). Toxicon, 1998, 36, 63-74.	0.8	17
111	Changes in cardiovascular sensitivity of alloxanâ€treated diabetic rats to arachidonic acid. British Journal of Pharmacology, 1986, 89, 613-618.	2.7	16
112	Toxinology of Venoms from Five Australian Lesser Known Elapid Snakes. Basic and Clinical Pharmacology and Toxicology, 2012, 111, 268-274.	1.2	16
113	In-vitro Neurotoxicity of Two Malaysian Krait Species (Bungarus candidus and Bungarus fasciatus) Venoms: Neutralization by Monovalent and Polyvalent Antivenoms from Thailand. Toxins, 2014, 6, 1036-1048.	1.5	16
114	Potentiation by endothelinâ€1 of 5â€hydroxytryptamine responses in aortae from streptozotocinâ€diabetic rats: a role for thromboxane A₂. British Journal of Pharmacology, 1995, 114, 1236-1240.	2.7	15
115	An examination of cardiovascular collapse induced by eastern brown snake (Pseudonaja textilis) venom. Toxicology Letters, 2013, 221, 205-211.	0.4	15
116	Stonefish (Synanceia trachynis) Antivenom: In Vitro Efficacy and Clinical Use. Toxin Reviews, 2003, 22, 69-76.	1.5	14
117	Isolation and characterisation of acanmyotoxin-2 and acanmyotoxin-3, myotoxins from the venom of the death adder Acanthophis sp. Seram. Biochemical Pharmacology, 2005, 70, 1807-1813.	2.0	14
118	A Pharmacological Examination of the Cardiovascular Effects of Malayan Krait (Bungarus candidus) Venoms. Toxins, 2017, 9, 122.	1.5	14
119	INCREASED SENSITIVITY TO ENDOTHELIN-1 IN ISOLATED KREBS-PERFUSED KIDNEYS OF STREPTOZOTOCIN-DIABETIC RATS. Clinical and Experimental Pharmacology and Physiology, 1992, 19, 261-265.	0.9	13
120	An in vitro pharmacological examination of venom from the soldierfish gymnapistes marmoratus. Toxicon, 1997, 35, 1101-1111.	0.8	13
121	Presynaptic neuromuscular activity of venom from the brown-headed snake (Glyphodon tristis). Toxicon, 2005, 45, 383-388.	0.8	13
122	Comparative Studies of the Venom of a New Taipan Species, Oxyuranus temporalis, with Other Members of Its Genus. Toxins, 2014, 6, 1979-1995.	1.5	13
123	Effects of haemoglobin and N-nitro-L-arginine on constrictor and dilator responses of aortic rings from streptozotocin diabetic rats. European Journal of Pharmacology, 1993, 242, 275-282.	1.7	12
124	Changes in reactivity towards 5-hydroxytryptamine in the renal vasculature of the diabetic spontaneously hypertensive rat. Journal of Hypertension, 1997, 15, 769-774.	0.3	12
125	Cardiovascular, haematological and neurological effects of the venom of the Papua New Guinean small-eyed snake (Micropechis ikaheka) and their neutralisation with CSL polyvalent and black snake antivenoms. Toxicon, 2003, 42, 647-655.	0.8	12
126	A biochemical and pharmacological examination of Rhamphiophis oxyrhynchus (Rufous beaked snake) venom. Toxicon, 2005, 45, 219-231.	0.8	12

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127	Vintage venoms: Proteomic and pharmacological stability of snake venoms stored for up to eight decades. Journal of Proteomics, 2014, 105, 285-294.	1.2	12
128	An in vivo examination of the differences between rapid cardiovascular collapse and prolonged hypotension induced by snake venom. Scientific Reports, 2019, 9, 20231.	1.6	12
129	Assessing the Binding of Venoms from Aquatic Elapids to the Nicotinic Acetylcholine Receptor Orthosteric Site of Different Prey Models. International Journal of Molecular Sciences, 2020, 21, 7377.	1.8	12
130	InÂvitro neurotoxic effects of Pseudechis spp. venoms: A comparison of avian and murine skeletal muscle preparations. Toxicon, 2013, 63, 112-115.	0.8	11
131	Vampire Venom: Vasodilatory Mechanisms of Vampire Bat (Desmodus rotundus) Blood Feeding. Toxins, 2019, 11, 26.	1.5	11
132	A Biochemical and Pharmacological Characterization of Phospholipase A2 and Metalloproteinase Fractions from Eastern Russellâ€™s Viper (Daboia siamensis) Venom: Two Major Components Associated with Acute Kidney Injury. Toxins, 2021, 13, 521.	1.5	11
133	Widespread and Differential Neurotoxicity in Venoms from the Bitis Genus of Viperid Snakes. Neurotoxicity Research, 2021, 39, 697-704.	1.3	11
134	Extensive Variation in the Activities of Pseudocerastes and Eristicophis Viper Venoms Suggests Divergent Envenoming Strategies Are Used for Prey Capture. Toxins, 2021, 13, 112.	1.5	10
135	Presence of presynaptic neurotoxin complexes in the venoms of Australo-Papuan death adders (Acanthophis spp.). Toxicon, 2010, 55, 1171-1180.	0.8	9
136	Isolation and characterization of a presynaptic neurotoxin, P-elapitoxin-Bf1a from Malaysian Bungarus fasciatus venom. Biochemical Pharmacology, 2014, 91, 409-416.	2.0	9
137	In-Vitro Neutralization of the Neurotoxicity of Coastal Taipan Venom by Australian Polyvalent Antivenom: The Window of Opportunity. Toxins, 2020, 12, 690.	1.5	9
138	In Vitro Neurotoxicity of Chinese Krait (Bungarus multicinctus) Venom and Neutralization by Antivenoms. Toxins, 2021, 13, 49.	1.5	9
139	Rodent Lethality Models Are Problematic for Evaluating Antivenoms for Human Envenoming. Frontiers in Pharmacology, 2022, 13, 830384.	1.6	9
140	EFFECTS OF ALDOSE REDUCTASE INHIBITION WITH EPALRESTAT ON DIABETES-INDUCED CHANGES IN RAT ISOLATED ATRIA. Clinical and Experimental Pharmacology and Physiology, 1993, 20, 207-213.	0.9	8
141	Pharmacological studies of the venom of an Australian bulldog ant (Myrmecia pyriformis). Natural Toxins, 1994, 2, 36-43.	1.0	8
142	Vascular reactivity to angiotensin II in blood-perfused kidneys of hypertensive diabetic rats. European Journal of Pharmacology, 1996, 310, 185-191.	1.7	8
143	N-terminal domain of Bothrops asper Myotoxin II Enhances the Activity of Endothelin Converting Enzyme-1 and Neprilysin. Scientific Reports, 2016, 6, 22413.	1.6	8
144	The relative predictive value of undergraduate versus graduate selection tools in two Australian medical schools. Medical Teacher, 2018, 40, 1183-1190.	1.0	8

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145	Intra-Specific Venom Variation in the Australian Coastal Taipan Oxyuranus scutellatus. Toxins, 2020, 12, 485.	1.5	8
146	SENSITIVITY CHANGES OF THE PERFUSED HINDQUARTERS' VASCULATURE IN RATS WITH ALLOXAN-INDUCED DIABETES MELLITUS. Clinical and Experimental Pharmacology and Physiology, 1987, 14, 481-487.	0.9	7
147	THROMBOXANE A2RECEPTOR STIMULATION SIMILARLY POTENTIATES PRESSOR RESPONSES TO 5-HYDROXYTRYPTAMINE IN PERFUSED HINDQUARTERS OF NON-DIABETIC AND ALLOXAN DIABETIC RATS. Clinical and Experimental Pharmacology and Physiology, 1991, 18, 237-244.	0.9	7
148	CARDIOVASCULAR SENSITIVITY CHANGES TO EICOSANOIDS IN RATS WITH EXPERIMENTALLY INDUCED DIABETES MELLITUS. Clinical and Experimental Pharmacology and Physiology, 1992, 19, 9-15.	0.9	7
149	Attenuated 5-HT2 receptor-mediated responses in hindquarters of diabetic rats. European Journal of Pharmacology, 1995, 294, 109-115.	1.7	7
150	A role for protein kinase C in the attenuated response to 5-hydroxytryptamine in aortas from streptozotocin-diabetic rats. European Journal of Pharmacology, 1997, 322, 55-58.	1.7	7
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