Wayne C Hodgson

List of Publications by Year in Descending Order

181 papers	4,873 citations	35 h-index	59 g-index
189 ext. papers	5,459 ext. citations	4.2 avg, IF	5.39 L-index

#	Paper	IF	Citations
181	Rodent Lethality Models Are Problematic for Evaluating Antivenoms for Human Envenoming.. *Frontiers in Pharmacology*, **2022**, 13, 830384	5.6	1
180	Isolation and Characterization of Two Postsynaptic Neurotoxins From Indian Cobra () Venom.. *Frontiers in Pharmacology*, **2022**, 13, 815079	5.6	
179	Isolation and Pharmacological Characterization of Elapitoxin-Oh3a, a Long-Chain Post-Synaptic Neurotoxin From King Cobra () Venom.. *Frontiers in Pharmacology*, **2022**, 13, 815069	5.6	0
178	In Vitro Neutralization of the Myotoxicity of Australian Mulga Snake (Pseudechis australis) and Sri Lankan Russell Viper (Daboia russelii) Venoms by Australian and Indian Polyvalent Antivenoms. *Toxins*, **2022**, 14, 302	4.9	0
177	Novel Neurotoxic Activity in Calliophis intestinalis Venom. *Neurotoxicity Research*, **2021**, 40, 173	4.3	0
176	Effect of Indian Polyvalent Antivenom in the Prevention and Reversal of Local Myotoxicity Induced by Common Cobra () Venom from Sri Lanka In Vitro. *Toxins*, **2021**, 13,	4.9	3
175	In Vitro Neurotoxicity of Chinese Krait () Venom and Neutralization by Antivenoms. *Toxins*, **2021**, 13,	4.9	1
174	Extensive Variation in the Activities of and Viper Venoms Suggests Divergent Envenoming Strategies Are Used for Prey Capture. *Toxins*, **2021**, 13,	4.9	2
173	A Biochemical and Pharmacological Characterization of Phospholipase A and Metalloproteinase Fractions from Eastern Russell's Viper () Venom: Two Major Components Associated with Acute Kidney Injury. *Toxins*, **2021**, 13,	4.9	1
172	Widespread and Differential Neurotoxicity in Venoms from the Bitis Genus of Viperid Snakes. *Neurotoxicity Research*, **2021**, 39, 697-704	4.3	2
171	An Examination of the Neutralization of In Vitro Toxicity of Chinese Cobra () Venom by Different Antivenoms. *Biomedicines*, **2020**, 8,	4.8	2
170	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,	6.3	6
169	Isolation and pharmacological characterization of Elapitoxin-Na1a, a novel short-chain postsynaptic neurotoxin from the venom of the Chinese Cobra (Naja atra). *Biochemical Pharmacology*, **2020**, 181, 114059	6	4
168	In-Vitro Neutralization of the Neurotoxicity of Coastal Taipan Venom by Australian Polyvalent Antivenom: The Window of Opportunity. *Toxins*, **2020**, 12,	4.9	2
167	Australian funnel-web spiders evolved human-lethal hexatoxins for defense against vertebrate predators. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 24920-24928	11.5	13
166	Intra-Specific Venom Variation in the Australian Coastal Taipan. *Toxins*, **2020**, 12,	4.9	5
165	Vampire Venom: Vasodilatory Mechanisms of Vampire Bat () Blood Feeding. *Toxins*, **2019**, 11,	4.9	6

164	Venom Mediates Vasodilatation of Resistance Like Arteries via Activation of K and K Channels. *Toxins*, **2019**, 11,	4.9	4
163	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	11.5	22
162	Variations in neurotoxicity and proteome profile of Malayan krait (Bungarus candidus) venoms. *PLoS ONE*, **2019**, 14, e0227122	3.7	4
161	An in vivo examination of the differences between rapid cardiovascular collapse and prolonged hypotension induced by snake venom. *Scientific Reports*, **2019**, 9, 20231	4.9	8
160	The relative predictive value of undergraduate versus graduate selection tools in two Australian medical schools. *Medical Teacher*, **2018**, 40, 1183-1190	3	5
159	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	3.2	19
158	Defining the role of post-synaptic neurotoxins in paralysis due to snake envenoming in humans. *Cellular and Molecular Life Sciences*, **2018**, 75, 4465-4478	10.3	31
157	Non-neurotoxic activity of Malayan krait () venom from Thailand. *Journal of Venomous Animals and Toxins Including Tropical Diseases*, **2018**, 24, 9	2.2	3
156	Proteomic Characterization of Two Medically Important Malaysian Snake Venoms, (Malayan Pit Viper) and (King Cobra). *Toxins*, **2018**, 10,	4.9	14
155	The Evolution of Fangs, Venom, and Mimicry Systems in Blenny Fishes. *Current Biology*, **2017**, 27, 1184-1191	6.1	30
154	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	4.3	19
153	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	3.7	18
152	Neurotoxicity in Sri Lankan Russell's Viper (Daboia russelii) Envenoming is Primarily due to U1-viperitoxin-Dr1a, a Pre-Synaptic Neurotoxin. *Neurotoxicity Research*, **2017**, 31, 11-19	4.3	31
151	The Cardiovascular and Neurotoxic Effects of the Venoms of Six Bony and Cartilaginous Fish Species. *Toxins*, **2017**, 9,	4.9	2
150	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,	4.9	50
149	A Pharmacological Examination of the Cardiovascular Effects of Malayan Krait (Bungarus candidus) Venoms. *Toxins*, **2017**, 9,	4.9	8
148	Antivenom for Neuromuscular Paralysis Resulting From Snake Envenoming. *Toxins*, **2017**, 9,	4.9	22
147	Effects of Animal Venoms and Toxins on Hallmarks of Cancer. *Journal of Cancer*, **2016**, 7, 1571-8	4.5	35

146	Isolation and Pharmacological Characterization of Elapitoxin-Ot1a, a Short-Chain Postsynaptic Neurotoxin from the Venom of the Western Desert Taipan, Oxyuranus temporalis. *Toxins*, **2016**, 8,	4.9	4
145	Cross-Neutralisation of In Vitro Neurotoxicity of Asian and Australian Snake Neurotoxins and Venoms by Different Antivenoms. *Toxins*, **2016**, 8,	4.9	18
144	The Snake with the Scorpion's Sting: Novel Three-Finger Toxin Sodium Channel Activators from the Venom of the Long-Glanded Blue Coral Snake (Calliophis bivirgatus). *Toxins*, **2016**, 8,	4.9	35
143	Clinical and Pharmacological Investigation of Myotoxicity in Sri Lankan Russell's Viper (Daboia russelii) Envenoming. *PLoS Neglected Tropical Diseases*, **2016**, 10, e0005172	4.8	17
142	N-terminal domain of Bothrops asper Myotoxin II Enhances the Activity of Endothelin Converting Enzyme-1 and Neprilysin. *Scientific Reports*, **2016**, 6, 22413	4.9	6
141	Efficacy of Indian polyvalent snake antivenoms against Sri Lankan snake venoms: lethality studies or clinically focussed in vitro studies. *Scientific Reports*, **2016**, 6, 26778	4.9	47
140	Prothrombin activator-like toxin appears to mediate cardiovascular collapse following envenoming by Pseudonaja textilis. *Toxicon*, **2015**, 102, 48-54	2.8	6
139	Label-Free (XIC) Quantification of Venom Procoagulant and Neurotoxin Expression in Related Australian Elapid Snakes Gives Insight into Venom Toxicity Evolution. *Journal of Proteome Research*, **2015**, 14, 4896-906	5.6	3
138	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, 15360-5	11.5	35
137	CHAPTER 4:Venoms-Based Drug Discovery: Bioassays, Electrophysiology, High-Throughput Screens and Target Identification. *RSC Drug Discovery Series*, **2015**, 97-128	0.6	2
136	Hypotensive and vascular relaxant effects of phospholipase A2 toxins from Papuan taipan (Oxyuranus scutellatus) venom. *European Journal of Pharmacology*, **2014**, 723, 227-33	5.3	20
135	Inhibition of presynaptic neurotoxins in taipan venom by suramin. *Neurotoxicity Research*, **2014**, 25, 305-10	4.3	4
134	Vintage venoms: proteomic and pharmacological stability of snake venoms stored for up to eight decades. *Journal of Proteomics*, **2014**, 105, 285-94	3.9	10
133	Proteomic characterization and comparison of Malaysian Bungarus candidus and Bungarus fasciatus venoms. *Journal of Proteomics*, **2014**, 110, 129-44	3.9	32
132	Chironex fleckeri (box jellyfish) venom proteins: expansion of a cnidarian toxin family that elicits variable cytolytic and cardiovascular effects. *Journal of Biological Chemistry*, **2014**, 289, 4798-812	5.4	61
131	Isolation and characterization of a presynaptic neurotoxin, P-elapitoxin-Bf1a from Malaysian Bungarus fasciatus venom. *Biochemical Pharmacology*, **2014**, 91, 409-16	6	8
130	Isolation and characterization of elapitoxin-Bf1b, a postsynaptic neurotoxin from Malaysian Bungarus fasciatus venom. *Biochemical Pharmacology*, **2014**, 88, 229-36	6	4
129	In vitro toxic effects of puff adder (Bitis arietans) venom, and their neutralization by antivenom. *Toxins*, **2014**, 6, 1586-97	4.9	13

128	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, 1036-48	4.9	13
127	Comparative studies of the venom of a new Taipan species, Oxyuranus temporalis, with other members of its genus. *Toxins*, **2014**, 6, 1979-95	4.9	11
126	Alpha neurotoxins. *Toxicon*, **2013**, 66, 47-58	2.8	105
125	Differential myotoxic and cytotoxic activities of pre-synaptic neurotoxins from Papuan taipan (Oxyuranus scutellatus) and Irian Jayan death adder (Acanthophis rugosus) venoms. *Basic and Clinical Pharmacology and Toxicology*, **2013**, 112, 325-34	3.1	6
124	Cross-neutralisation of the neurotoxic effects of Egyptian cobra venom with commercial tiger snake antivenom. *Basic and Clinical Pharmacology and Toxicology*, **2013**, 112, 138-43	3.1	17
123	An examination of cardiovascular collapse induced by eastern brown snake (Pseudonaja textilis) venom. *Toxicology Letters*, **2013**, 221, 205-11	4.4	14
122	In vitro neurotoxic effects of Pseudechis spp. venoms: A comparison of avian and murine skeletal muscle preparations. *Toxicon*, **2013**, 63, 112-5	2.8	10
121	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	3.9	50
120	Species differences in the neuromuscular activity of post-synaptic neurotoxins from two Australian black snakes (Pseudechis porphyriacus and Pseudechis colletti). *Toxicology Letters*, **2013**, 219, 262-8	4.4	21
119	Differential evolution and neofunctionalization of snake venom metalloprotease domains. *Molecular and Cellular Proteomics*, **2013**, 12, 651-63	7.6	65
118	Population divergence in venom bioactivities of elapid snake Pseudonaja textilis: role of procoagulant proteins in rapid rodent prey incapacitation. *PLoS ONE*, **2013**, 8, e63988	3.7	19
117	Analysis of intraspecific variation in venoms of Acanthophis antarcticus death adders from South Australia. *Journal of Venom Research*, **2013**, 4, 13-20	0.6	
116	Toxinology of venoms from five Australian lesser known elapid snakes. *Basic and Clinical Pharmacology and Toxicology*, **2012**, 111, 268-74	3.1	13
115	Neuromuscular activity of the venoms of the Colombian coral snakes Micrurus dissoleucus and Micrurus mipartitus: an evolutionary perspective. *Toxicon*, **2012**, 59, 132-42	2.8	21
114	Solving the 'Brown snake paradox': in vitro characterisation of Australasian snake presynaptic neurotoxin activity. *Toxicology Letters*, **2012**, 210, 318-23	4.4	33
113	In vivo and in vitro cardiovascular effects of Papuan taipan (Oxyuranus scutellatus) venom: Exploring "sudden collapse". *Toxicology Letters*, **2012**, 213, 243-8	4.4	16
112	TA-2, a thrombin-like enzyme from the Chinese white-lipped green pitviper (Trimeresurus albolabris): isolation, biochemical and biological characterization. *Blood Coagulation and Fibrinolysis*, **2012**, 23, 445-53	1	2
111	Validation of a cell-based assay to differentiate between the cytotoxic effects of elapid snake venoms. *Journal of Pharmacological and Toxicological Methods*, **2011**, 63, 137-42	1.7	19

110	Neuromuscular toxicology of the venom of Collett's snake (Pseudechis colletti): a histopathological study. *Muscle and Nerve*, **2011**, 43, 552-9	3.4	4
109	TTX, cations and spider venom modify avian muscle tone in vitro. *Journal of Venom Research*, **2011**, 2, 1-5	0.6	
108	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	20
107	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	8.3	63
106	Functional and structural diversification of the Anguimorpha lizard venom system. *Molecular and Cellular Proteomics*, **2010**, 9, 2369-90	7.6	58
105	Development of a sensitive enzyme immunoassay for measuring taipan venom in serum. *Toxicon*, **2010**, 55, 1510-8	2.8	73
104	A pharmacological and biochemical examination of the geographical variation of Chironex fleckeri venom. *Toxicology Letters*, **2010**, 192, 419-24	4.4	28
103	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, 239-43	4.4	24
102	Presence of presynaptic neurotoxin complexes in the venoms of Australo-Papuan death adders (Acanthophis spp.). *Toxicon*, **2010**, 55, 1171-80	2.8	9
101	Cross-neutralisation of Australian brown snake, taipan and death adder venoms by monovalent antibodies. *Vaccine*, **2010**, 28, 798-802	4.1	27
100	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	6	18
99	A cell-based assay for screening of antidotes to, and antivenom against Chironex fleckeri (box jellyfish) venom. *Journal of Pharmacological and Toxicological Methods*, **2009**, 59, 166-70	1.7	25
98	An examination of the activity of expired and mistreated commercial Australian antivenoms. *Transactions of the Royal Society of Tropical Medicine and Hygiene*, **2009**, 103, 937-42	2	27
97	The application of toxins and venoms to cardiovascular drug discovery. *Current Opinion in Pharmacology*, **2009**, 9, 173-6	5.1	35
96	Intersexual variations in the pharmacological properties of Coremiocnemis tropix (Araneae, Theraphosidae) spider venom. *Toxicon*, **2009**, 53, 196-205	2.8	33
95	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, 8969-74	11.5	92
94	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, 94-8	4.4	21
93	An examination of the cardiovascular effects of an 'Irukandji' jellyfish, Alatina nr mordens. *Toxicology Letters*, **2008**, 179, 118-23	4.4	27

92	Neurotoxic and insecticidal properties of venom from the Australian theraphosid spider Selenotholus foelschei. *NeuroToxicology*, **2008**, 29, 471-5	4.4	26
91	Intersexual variations in Northern (Missulena pruinosa) and Eastern (M. bradleyi) mouse spider venom. *Toxicon*, **2008**, 51, 1167-77	2.8	38
90	Neurotoxins from Australo-Papuan elapids: a biochemical and pharmacological perspective. *Critical Reviews in Toxicology*, **2008**, 38, 73-86	5.7	27
89	Providing transparency and credibility: the selection of international students for Australian universities. An examination of the relationship between scores in the International Student Admissions Test (ISAT), final year academic programs and an Australian university foundation program. *Higher Education Research and Development*, **2008**, 27, 331-344	1.9	6
88	The in vitro vascular effects of two chirodropid (Chironex fleckeri and Chiropsella bronzie) venoms. *Toxicology Letters*, **2007**, 168, 13-20	4.4	35
87	The in vitro neurotoxic and myotoxic effects of the venom from the Suta genus (curl snakes) of elapid snakes. *Basic and Clinical Pharmacology and Toxicology*, **2007**, 101, 407-10	3.1	6
86	The omega-atracotoxins: selective blockers of insect M-LVA and HVA calcium channels. *Biochemical Pharmacology*, **2007**, 74, 623-38	6	55
85	A neurotoxinological approach to the treatment of obstructive sleep apnoea. *Sleep Medicine Reviews*, **2007**, 11, 361-75	10.2	4
84	An in vivo examination of the stability of venom from the Australian box jellyfish Chironex fleckeri. *Toxicon*, **2007**, 49, 804-9	2.8	21
83	Isolation and characterization of rufoxin, a novel protein exhibiting neurotoxicity from venom of the psammophiine, Rhamphiophis oxyrhynchus (Rufous beaked snake). *Neuropharmacology*, **2007**, 52, 1065-70	5.5	27
82	The neuromuscular activity of paradoxin: a presynaptic neurotoxin from the venom of the inland taipan (Oxyuranus microlepidotus). *Neuropharmacology*, **2007**, 52, 1229-36	5.5	28
81	Cardiovascular effects of Nemopilema nomurai (Scyphozoa: Rhizostomeae) jellyfish venom in rats. *Toxicology Letters*, **2006**, 167, 205-11	4.4	42
80	Oxylepitoxin-1, a reversible neurotoxin from the venom of the inland taipan (Oxyuranus microlepidotus). *Peptides*, **2006**, 27, 2655-60	3.8	17
79	Isolation and pharmacological characterisation of hostoxin-1, a postsynaptic neurotoxin from the venom of the Stephen's banded snake (Hoplocephalus stephensi). *Neuropharmacology*, **2006**, 51, 782-8	5.5	17
78	Snake venoms and their toxins: an Australian perspective. *Toxicon*, **2006**, 48, 931-40	2.8	19
77	In vitro neurotoxic and myotoxic effects of the venom from the black whip snake (Demansia papuensis). *Clinical and Experimental Pharmacology and Physiology*, **2006**, 33, 364-8	3	6
76	Early evolution of the venom system in lizards and snakes. *Nature*, **2006**, 439, 584-8	50.4	440
75	A biochemical and pharmacological examination of Rhamphiophis oxyrhynchus (Rufous beaked snake) venom. *Toxicon*, **2005**, 45, 219-31	2.8	8

74	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, 1196-202	4.7	37
73	Novel natriuretic peptides from the venom of the inland taipan (Oxyuranus microlepidotus): isolation, chemical and biological characterisation. *Biochemical and Biophysical Research Communications*, **2005**, 327, 1011-5	3.4	60
72	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, 2412-26	3.8	37
71	The in vivo cardiovascular effects of an Australasian box jellyfish (Chiropsalmus sp.) venom in rats. *Toxicon*, **2005**, 45, 321-7	2.8	27
70	Pharmacological characterisation of a neurotoxin from the venom of Boiga dendrophila (mangrove catsnake). *Toxicon*, **2005**, 45, 329-34	2.8	48
69	Presynaptic neuromuscular activity of venom from the brown-headed snake (Glyphodon tristis). *Toxicon*, **2005**, 45, 383-8	2.8	13
68	The in vivo cardiovascular effects of the Irukandji jellyfish (Carukia barnesi) nematocyst venom and a tentacle extract in rats. *Toxicology Letters*, **2005**, 155, 135-41	4.4	57
67	Pharmacologically distinct cardiovascular effects of box jellyfish (Chironex fleckeri) venom and a tentacle-only extract in rats. *Toxicology Letters*, **2005**, 155, 219-26	4.4	60
66	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	3	23
65	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	6	18
64	Isolation and characterisation of acanmyotoxin-2 and acanmyotoxin-3, myotoxins from the venom of the death adder Acanthophis sp. Seram. *Biochemical Pharmacology*, **2005**, 70, 1807-13	6	14
63	Phospholipase A2-dependent effects of the venom from the New Guinean small-eyed snake Micropechis ikaheka. *Muscle and Nerve*, **2005**, 32, 81-7	3.4	5
62	Ohanin, a novel protein from king cobra venom, induces hypolocomotion and hyperalgesia in mice. *Journal of Biological Chemistry*, **2005**, 280, 13137-47	5.4	76
61	Isolation and characterization at cholinergic nicotinic receptors of a neurotoxin from the venom of the Acanthophis sp. Seram death adder. *Biochemical Pharmacology*, **2004**, 68, 383-94	6	21
60	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, 685-90	2.8	59
59	In vitro neuromuscular activity of 'colubrid' venoms: clinical and evolutionary implications. *Toxicon*, **2004**, 43, 819-27	2.8	25
58	The in vitro neuromuscular activity of Indo-Pacific sea-snake venoms: efficacy of two commercially available antivenoms. *Toxicon*, **2004**, 44, 193-200	2.8	39
57	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, 837-45	2.8	23

56	Verapamil treatment in severe Chironex fleckeri stings. *Toxicon*, **2004**, 44, 819-820	2.8	1
55	Hypotensive agents from snake venoms. *Current Drug Targets Cardiovascular & Haematological Disorders*, **2004**, 4, 437-59		38
54	Isolation of a neurotoxin (alpha-colubritoxin) from a nonvenomous colubrid: evidence for early origin of venom in snakes. *Journal of Molecular Evolution*, **2003**, 57, 446-52	3.1	120
53	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, 127-32	3	25
52	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, 333-42	8.6	31
51	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, 647-55	2.8	12
50	Effectiveness of Snake Antivenom: Species and Regional Venom Variation and Its Clinical Impact. *Toxin Reviews*, **2003**, 22, 23-34		43
49	Modulation of intracellular Ca2+ levels by Scorpaenidae venoms. *Toxicon*, **2003**, 41, 679-89	2.8	19
48	The in vitro effects of two chirodropid (Chironex fleckeri and Chiropsalmus sp.) venoms: efficacy of box jellyfish antivenom. *Toxicon*, **2003**, 41, 703-11	2.8	32
47	Species-dependent variations in the in vitro myotoxicity of death adder (Acanthophis) venoms. *Toxicological Sciences*, **2003**, 74, 352-60	4.4	28
46	Stonefish (Synanceia trachynis) Antivenom: In Vitro Efficacy and Clinical Use. *Toxin Reviews*, **2003**, 22, 69-76		8
45	Protein kinase C and the sub-sensitivity and sub-reactivity of the diabetic rat prostate gland to noradrenaline. *European Journal of Pharmacology*, **2002**, 434, 151-61	5.3	1
44	In vitro neuromuscular activity of snake venoms. *Clinical and Experimental Pharmacology and Physiology*, **2002**, 29, 807-14	3	94
43	Electrospray liquid chromatography/mass spectrometry fingerprinting of Acanthophis (death adder) venoms: taxonomic and toxinological implications. *Rapid Communications in Mass Spectrometry*, **2002**, 16, 600-8	2.2	60
42	Pharmacology and biochemistry of spider venoms. *Toxicon*, **2002**, 40, 225-54	2.8	268
41	Adrenergic and cholinergic activity contributes to the cardiovascular effects of lionfish (Pterois volitans) venom. *Toxicon*, **2002**, 40, 787-96	2.8	33
40	The pharmacological activity of fish venoms. *Toxicon*, **2002**, 40, 1083-93	2.8	100
39	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, 140-8	4.6	41

38	A pharmacological examination of venoms from three species of death adder (Acanthophis antarcticus, Acanthophis praelongus and Acanthophis pyrrhus). *Toxicon*, **2001**, 39, 209-16	2.8	32
37	Stonefish (Synanceia spp.) antivenom neutralises the in vitro and in vivo cardiovascular activity of soldierfish (Gymnapistes marmoratus) venom. *Toxicon*, **2001**, 39, 319-24	2.8	21
36	Neurotoxic activity of venom from the Australian eastern mouse spider (Missulena bradleyi) involves modulation of sodium channel gating. *British Journal of Pharmacology*, **2000**, 130, 1817-24	8.6	39
35	Dose-dependent cardiovascular and neuromuscular effects of stonefish (Synanceja trachynis) venom. *Toxicon*, **2000**, 38, 391-407	2.8	30
34	Sex differences in the pharmacological activity of venom from the white-tailed spider (Lampona cylindrata). *Toxicon*, **2000**, 38, 1111-27	2.8	29
33	The smooth muscle relaxant effects of venom from the inland taipan (Oxyuranus microlepidotus). *Toxicon*, **1999**, 37, 229-31	2.8	5
32	A pharmacological examination of venom from the Papuan taipan (Oxyuranus scutellatus canni). *Toxicon*, **1999**, 37, 1721-34	2.8	26
31	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, 1771-8	2.8	32
30	Some pharmacological studies of venom from the inland taipan (Oxyuranus microlepidotus). *Toxicon*, **1998**, 36, 63-74	2.8	16
29	Evidence that histamine is the principal pharmacological component of venom from an Australian wolf spider (Lycosa godeffroyi). *Toxicon*, **1998**, 36, 367-75	2.8	31
28	Enzyme and biochemical studies of stonefish (Synanceja trachynis) and soldierfish (Gymnapistes marmoratus) venoms. *Toxicon*, **1998**, 36, 791-3	2.8	18
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16	Pharmacological studies of the venom of an Australian bulldog ant (Myrmecia pyriformis). *Natural Toxins*, **1994**, 2, 36-43		8
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1	Venoms of related mammal-eating species of taipans (Oxyuranus) and brown snakes (Pseudonaja) differ in composition of toxins involved in mammal poisoning		2