

Ken Winkel

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

75
papers

2,720
citations

26
h-index

51
g-index

79
ext. papers

2,939
ext. citations

4.2
avg, IF

4.53
L-index

#	Paper	IF	Citations
75	RelB is essential for the development of myeloid-related CD8alpha- dendritic cells but not of lymphoid-related CD8alpha+ dendritic cells. <i>Immunity</i> , 1998 , 9, 839-47	32.3	394
74	The Global Snake Bite Initiative: an antidote for snake bite. <i>Lancet, The</i> , 2010 , 375, 89-91	4.0	240
73	Ending the drought: new strategies for improving the flow of affordable, effective antivenoms in Asia and Africa. <i>Journal of Proteomics</i> , 2011 , 74, 1735-67	3.9	161
72	Loxoscelism: old obstacles, new directions. <i>Annals of Emergency Medicine</i> , 2004 , 44, 608-24	2.1	140
71	Human thymus contains 2 distinct dendritic cell populations. <i>Blood</i> , 2001 , 97, 1733-41	2.2	130
70	Identification of two promiscuous T cell epitopes from tetanus toxin. <i>European Journal of Immunology</i> , 1990 , 20, 477-83	6.1	128
69	Mouse thymus dendritic cells: kinetics of development and changes in surface markers during maturation. <i>European Journal of Immunology</i> , 1995 , 25, 418-25	6.1	118
68	Enzymatic characterization, antigenic cross-reactivity and neutralization of dermonecrotic activity of five <i>Loxosceles</i> spider venoms of medical importance in the Americas. <i>Toxicon</i> , 2005 , 45, 489-99	2.8	106
67	Phospholipase A2 in cnidaria. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2004 , 139, 731-5	2.3	104
66	Characterization of the venom from the Australian scorpion <i>Urodacus yaschenkoi</i> : Molecular mass analysis of components, cDNA sequences and peptides with antimicrobial activity. <i>Toxicon</i> , 2013 , 63, 44-54	2.8	70
65	Are CD8+ dendritic cells (DC) veto cells? The role of CD8 on DC in DC development and in the regulation of CD4 and CD8 T cell responses. <i>International Immunology</i> , 1997 , 9, 1061-4	4.9	57
64	Comparative proteomic analysis of the venom of the taipan snake, <i>Oxyuranus scutellatus</i> , from Papua New Guinea and Australia: role of neurotoxic and procoagulant effects in venom toxicity. <i>Journal of Proteomics</i> , 2012 , 75, 2128-40	3.9	54
63	Immunological and toxinological responses to jellyfish stings. <i>Inflammation and Allergy: Drug Targets</i> , 2011 , 10, 438-46		51
62	CD4 and CD8 expression by human and mouse thymic dendritic cells. <i>Immunology Letters</i> , 1994 , 40, 93-94.1	4.1	51
61	Antivenom use, premedication and early adverse reactions in the management of snake bites in rural Papua New Guinea. <i>Toxicon</i> , 2007 , 49, 780-92	2.8	50
60	Cardiovascular actions of the venom from the Irukandji (<i>Carukia barnesi</i>) jellyfish: effects in human, rat and guinea-pig tissues in vitro and in pigs in vitro. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2005 , 32, 777-88	3	50
59	Australian carybdeid jellyfish causing "Irukandji syndrome". <i>Toxicon</i> , 2012 , 59, 617-25	2.8	44

58	Effectiveness of Snake Antivenom: Species and Regional Venom Variation and Its Clinical Impact. <i>Toxin Reviews</i> , 2003 , 22, 23-34		43
57	Preclinical evaluation of caprylic acid-fractionated IgG antivenom for the treatment of Taipan (<i>Oxyuranus scutellatus</i>) envenoming in Papua New Guinea. <i>PLoS Neglected Tropical Diseases</i> , 2011 , 5, e1144	4.8	41
56	Marine Stingers: Review of an Under-Recognized Global Coastal Management Issue. <i>Coastal Management</i> , 2010 , 38, 22-41	3.3	39
55	The in vitro neuromuscular activity of Indo-Pacific sea-snake venoms: efficacy of two commercially available antivenoms. <i>Toxicon</i> , 2004 , 44, 193-200	2.8	39
54	The nature of the signals regulating CD8 T cell proliferative responses to CD8alpha+ or CD8alpha-dendritic cells. <i>European Journal of Immunology</i> , 1997 , 27, 3350-9	6.1	36
53	Ant sting mortality in Australia. <i>Toxicon</i> , 2002 , 40, 1095-100	2.8	32
52	The molecular basis of cross-reactivity in the Australian Snake Venom Detection Kit (SVDK). <i>Toxicon</i> , 2007 , 50, 1041-52	2.8	29
51	Wasp sting mortality in Australia. <i>Medical Journal of Australia</i> , 2000 , 173, 198-200	4	27
50	Fatal and severe box jellyfish stings, including Irukandji stings, in Malaysia, 2000-2010. <i>Journal of Travel Medicine</i> , 2011 , 18, 275-81	12.9	26
49	Acute and recurrent skin ulceration after spider bite. <i>Medical Journal of Australia</i> , 1999 , 171, 99-102	4	24
48	Membrane interactions and biological activity of antimicrobial peptides from Australian scorpion. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014 , 1838, 2140-8	3.8	23
47	A pharmacological investigation of the venom extract of the Australian box jellyfish, <i>Chironex fleckeri</i> , in cardiac and vascular tissues. <i>Toxicology Letters</i> , 2012 , 209, 11-20	4.4	23
46	A probable case of Irukandji syndrome in Thailand. <i>Journal of Travel Medicine</i> , 2006 , 13, 240-3	12.9	23
45	Twentieth century toxinology and antivenom development in Australia. <i>Toxicon</i> , 2006 , 48, 738-54	2.8	22
44	Snakebite and antivenoms in the Asia-Pacific: wokabaut wantaim, raka hebou ("walking together"). <i>Medical Journal of Australia</i> , 2001 , 175, 648-51	4	20
43	Biology and ecology of Irukandji jellyfish (Cnidaria: Cubozoa). <i>Advances in Marine Biology</i> , 2013 , 66, 1-85	2.1	19
42	Inability of Plasmodium vinckei-immune spleen cells to transfer protection to recipient mice exposed to vaccine vectors or heterologous species of plasmodium. <i>Parasite Immunology</i> , 1991 , 13, 517-30	2.2	16
41	Funnel-web spider (<i>Hadronyche infensa</i>) envenomations in coastal south-east Queensland. <i>Medical Journal of Australia</i> , 1999 , 171, 651-3	4	15

40	Thymic dendritic cells: surface phenotype, developmental origin and function. <i>Advances in Experimental Medicine and Biology</i> , 1995 , 378, 21-9	3.6	15
39	Red-bellied black snake (<i>Pseudechis porphyriacus</i>) envenomation in the dog: Diagnosis and treatment of nine cases. <i>Toxicon</i> , 2016 , 117, 69-75	2.8	15
38	Call for global snake-bite control and procurement funding. <i>Lancet, The</i> , 2001 , 357, 1132	4.0	13
37	Fatal presumed tiger snake (<i>Notechis scutatus</i>) envenomation in a cat with measurement of venom and antivenom concentration. <i>Toxicon</i> , 2016 , 113, 7-10	2.8	12
36	The pharmacology of <i>Malo maxima</i> jellyfish venom extract in isolated cardiovascular tissues: A probable cause of the Irukandji syndrome in Western Australia. <i>Toxicology Letters</i> , 2011 , 201, 221-9	4.4	12
35	Origin of the eastern brownsnake, <i>Pseudonaja textilis</i> (Dumeril, Bibron and Dumeril) (Serpentes: Elapidae: Hydrophiinae) in New Guinea: evidence of multiple dispersals from Australia, and comments on the status of <i>Pseudonaja textilis pughii</i> Hoser 2003. <i>Zootaxa</i> , 2008 , 1703, 47	0.5	12
34	A sting from an unknown jellyfish species associated with persistent symptoms and raised troponin I levels. <i>EMA - Emergency Medicine Australasia</i> , 2002 , 14, 175-80	1.5	12
33	Cardiovascular, haematological and neurological effects of the venom of the Papua New Guinean small-eyed snake (<i>Micropechis ikaheka</i>) and their neutralisation with CSL polyvalent and black snake antivenoms. <i>Toxicon</i> , 2003 , 42, 647-55	2.8	12
32	Jellyfish Antivenoms: Past, Present, and Future. <i>Toxin Reviews</i> , 2003 , 22, 115-127		11
31	Irukandji-like syndrome in Victoria. <i>Australian and New Zealand Journal of Medicine</i> , 1999 , 29, 835		11
30	The regulation of T cell responses by a subpopulation of CD8+DEC205+ murine dendritic cells. <i>Advances in Experimental Medicine and Biology</i> , 1997 , 417, 239-48	3.6	11
29	Vintage venoms: proteomic and pharmacological stability of snake venoms stored for up to eight decades. <i>Journal of Proteomics</i> , 2014 , 105, 285-94	3.9	10
28	Eye injury after jellyfish sting in temperate Australia. <i>Wilderness and Environmental Medicine</i> , 2002 , 13, 203-5	1.4	10
27	Strychnine, ammonia and gunpowder for snakebite--the end of an era. <i>Medical Journal of Australia</i> , 2001 , 174, 607	4	10
26	First fatalities from tick bite anaphylaxis. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2016 , 4, 769-70	5.4	10
25	Prospective assessment of the false positive rate of the Australian snake venom detection kit in healthy human samples. <i>Toxicon</i> , 2016 , 111, 143-6	2.8	9
24	Persistent anosmia and olfactory bulb atrophy after mulga (<i>Pseudechis australis</i>) snakebite. <i>Journal of Clinical Neuroscience</i> , 2016 , 29, 199-201	2.2	7
23	Dendritic cells and T lymphocytes: developmental and functional interactions. <i>Novartis Foundation Symposium</i> , 1997 , 204, 130-8; discussion 138-41		7

22	Successful use of camelid (alpaca) antivenom to treat a potentially lethal tiger snake (<i>Notechis scutatus</i>) envenomation in a dog. <i>Toxicon</i> , 2016 , 114, 59-64	2.8	7
21	Efficacy of Australian red-back spider (<i>Latrodectus hasselti</i>) antivenom in the treatment of clinical envenomation by the cupboard spider <i>Steatoda capensis</i> (Theridiidae). <i>Toxicon</i> , 2014 , 86, 68-78	2.8	6
20	Toxinology in Australia@ colonial era: a chronology and perspective of human envenomation in 19th century Australia. <i>Toxicon</i> , 2006 , 48, 726-37	2.8	6
19	Pressure immobilisation bandages in first-aid treatment of jellyfish envenomation: current recommendations reconsidered. <i>Medical Journal of Australia</i> , 2001 , 174, 666-7	4	6
18	Pressure immobilization for neurotoxic snake bites. <i>Annals of Emergency Medicine</i> , 1999 , 34, 294-5	2.1	6
17	Antivenom production in the alpaca (<i>Vicugna pacos</i>): physiological and antibody responses to monovalent and polyvalent immunisation with Australian elapid venoms. <i>Small Ruminant Research</i> , 2016 , 141, 63-69	1.7	5
16	Sharing Place, Learning Together: Perspectives and Reflections on an Educational Partnership Formation With a Remote Indigenous Community School. <i>Australian Journal of Indigenous Education</i> , 2015 , 44, 11-25	0.7	5
15	Review article: Let us talk about snakebite management: A discussion on many levels. <i>EMA - Emergency Medicine Australasia</i> , 2019 , 31, 542-545	1.5	4
14	SnakeMap: four years of experience with a national small animal snake envenomation registry. <i>Australian Veterinary Journal</i> , 2020 , 98, 442-448	1.2	4
13	Antivenom production in the alpaca (<i>Vicugna pacos</i>): Monovalent and polyvalent antivenom neutralisation of lethal and procoagulant toxins in Australian elapid venoms. <i>Small Ruminant Research</i> , 2017 , 149, 34-39	1.7	3
12	Sharing Place, Learning Together: the birthplace of new ways?. <i>Medical Journal of Australia</i> , 2013 , 199, 69-71	4	3
11	173. Characterisation of the Venom of an Australian Scorpion, <i>Urodacus yaschenkoi</i> : Proteome and Transcriptome Analysis. <i>Toxicon</i> , 2012 , 60, 184-185	2.8	2
10	The differences of platelet response to snake venoms: a comparative study of children and adults. <i>Toxicon</i> , 2008 , 52, 960-3	2.8	2
9	Wasp sting mortality in Australia: one further case. <i>Medical Journal of Australia</i> , 2001 , 174, 255-6	4	2
8	Loxoscelism and Necrotic Arachnidism: More Myths and Minor Corrections. <i>Annals of Emergency Medicine</i> , 2005 , 46, 206-207	2.1	1
7	Caution regarding Bier@ block technique for redback spider bite. <i>Medical Journal of Australia</i> , 1999 , 171, 220-1	4	1
6	Delayed antivenom for life-threatening tiger snake bite: Lessons learnt. <i>Anaesthesia and Intensive Care</i> , 2020 , 48, 399-403	1.1	1
5	Coagulation factor activity patterns of venom-induced consumption coagulopathy in naturally occurring tiger snake (<i>Notechis scutatus</i>) envenomed dogs treated with antivenom. <i>Toxicon</i> , 2020 , 181, 36-44	2.8	0

- 4 Anaphylaxis associated with the same batch of tiger-snake antivenom. *Medical Journal of Australia*, **2001**, 174, 609-610 4 ○
- 3 Latrodectism in New Caledonia: first report of presumed redback spider (*Latrodectus hasselti*) envenomation. *Wilderness and Environmental Medicine*, **2009**, 20, 339-43 1.4
- 2 The forgotten successes and sacrifices of Charles Kellaway, director of the Walter and Eliza Hall Institute, 1923-1944. *Medical Journal of Australia*, **2007**, 187, 645-8 4
- 1 Acute and recurrent skin ulceration after spider bite. *Medical Journal of Australia*, **2000**, 172, 304-304 4