Freek J Vonk

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9438894/publications.pdf

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25	2,697	471509	580821
papers	citations	17 h-index	25 g-index

26	26	26	2891
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Analytical strategies in venomics. Microchemical Journal, 2022, 175, 107187.	4.5	19
2	Anticoagulant Activity of Naja nigricollis Venom Is Mediated by Phospholipase A2 Toxins and Inhibited by Varespladib. Toxins, 2021, 13, 302.	3.4	16
3	Erythrocyte haemotoxicity profiling of snake venom toxins after nanofractionation. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1176, 122586.	2.3	7
4	Taxon-selective venom variation in adult and neonate Daboia russelii (Russell's Viper), and antivenom efficacy. Toxicon, 2021, 205, 11-19.	1.6	1
5	Widespread Evolution of Molecular Resistance to Snake Venom Î±-Neurotoxins in Vertebrates. Toxins, 2020, 12, 638.	3.4	21
6	Neutralizing Effects of Small Molecule Inhibitors and Metal Chelators on Coagulopathic Viperinae Snake Venom Toxins. Biomedicines, 2020, 8, 297.	3.2	28
7	Neutralising effects of small molecule toxin inhibitors on nanofractionated coagulopathic Crotalinae snake venoms. Acta Pharmaceutica Sinica B, 2020, 10, 1835-1845.	12.0	19
8	Development of high-throughput screening assays for profiling snake venom phospholipase A2 activity after chromatographic fractionation. Toxicon, 2020, 184, 28-38.	1.6	10
9	Varespladib Inhibits the Phospholipase A2 and Coagulopathic Activities of Venom Components from Hemotoxic Snakes. Biomedicines, 2020, 8, 165.	3.2	27
10	Differential destructive (non-clotting) fibrinogenolytic activity in Afro-Asian elapid snake venoms and the links to defensive hooding behavior. Toxicology in Vitro, 2019, 60, 330-335.	2.4	18
11	Coagulotoxic Cobras: Clinical Implications of Strong Anticoagulant Actions of African Spitting Naja Venoms That Are Not Neutralised by Antivenom but Are by LY315920 (Varespladib). Toxins, 2018, 10, 516.	3.4	75
12	Detection and identification of antibacterial proteins in snake venoms using at-line nanofractionation coupled to LC-MS. Toxicon, 2018, 155, 66-74.	1.6	7
13	Whole snake venoms: Cytotoxic, anti-metastatic and antiangiogenic properties. Toxicon, 2018, 150, 39-49.	1.6	20
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.	3.4	71
15	Snake Genome Sequencing: Results and Future Prospects. Toxins, 2016, 8, 360.	3.4	31
16	Historical Contingency in a Multigene Family Facilitates Adaptive Evolution of Toxin Resistance. Current Biology, 2016, 26, 1616-1621.	3.9	47
17	Heterochrony and Early Left-Right Asymmetry in the Development of the Cardiorespiratory System of Snakes. PLoS ONE, 2015, 10, e116416.	2.5	14
18	The Burmese python genome reveals the molecular basis for extreme adaptation in snakes. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 20645-20650.	7.1	260

#	Article	IF	Citations
19	The king cobra genome reveals dynamic gene evolution and adaptation in the snake venom system. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 20651-20656.	7.1	412
20	Complex cocktails: the evolutionary novelty of venoms. Trends in Ecology and Evolution, 2013, 28, 219-229.	8.7	785
21	An efficient analytical platform for on-line microfluidic profiling of neuroactive snake venoms towards nicotinic receptor affinity. Toxicon, 2013, 61, 112-124.	1.6	22
22	Analytical workflow for rapid screening and purification of bioactives from venom proteomes. Toxicon, 2013, 76, 270-281.	1.6	16
23	Snake venom: From fieldwork to the clinic. BioEssays, 2011, 33, 269-279.	2.5	87
24	Evolutionary origin and development of snake fangs. Nature, 2008, 454, 630-633.	27.8	149
25	Early evolution of the venom system in lizards and snakes. Nature, 2006, 439, 584-588.	27.8	531