

Bianca op den Brouw

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

535
citations

687363

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446
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Coagulotoxic Cobras: Clinical Implications of Strong Anticoagulant Actions of African Spitting Naja Venoms That Are Not Neutralised by Antivenom but Are by LY315920 (Varespladib). <i>Toxins</i> , 2018, 10, 516. | 3.4 | 75 |
| 2 | Differential procoagulant effects of saw-scaled viper (Serpentes: Viperidae: Echis) snake venoms on human plasma and the narrow taxonomic ranges of antivenom efficacies. <i>Toxicology Letters</i> , 2017, 280, 159-170. | 0.8 | 69 |
| 3 | Coagulotoxicity of Bothrops (Lancehead Pit-Vipers) Venoms from Brazil: Differential Biochemistry and Antivenom Efficacy Resulting from Prey-Driven Venom Variation. <i>Toxins</i> , 2018, 10, 411. | 3.4 | 67 |
| 4 | Rapid Radiations and the Race to Redundancy: An Investigation of the Evolution of Australian Elapid Snake Venoms. <i>Toxins</i> , 2016, 8, 309. | 3.4 | 62 |
| 5 | Enter the Dragon: The Dynamic and Multifunctional Evolution of Anguimorpha Lizard Venoms. <i>Toxins</i> , 2017, 9, 242. | 3.4 | 37 |
| 6 | Factor X activating Atractaspis snake venoms and the relative coagulotoxicity neutralising efficacy of African antivenoms. <i>Toxicology Letters</i> , 2018, 288, 119-128. | 0.8 | 34 |
| 7 | Coagulotoxic effects by brown snake (Pseudonaja) and taipan (Oxyuranus) venoms, and the efficacy of a new antivenom. <i>Toxicology in Vitro</i> , 2019, 58, 97-109. | 2.4 | 30 |
| 8 | Rattling the border wall: Pathophysiological implications of functional and proteomic venom variation between Mexican and US subspecies of the desert rattlesnake Crotalus scutulatus. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2018, 205, 62-69. | 2.6 | 27 |
| 9 | Venomous Landmines: Clinical Implications of Extreme Coagulotoxic Diversification and Differential Neutralization by Antivenom of Venoms within the Viperid Snake Genus Bitis. <i>Toxins</i> , 2019, 11, 422. | 3.4 | 25 |
| 10 | Widespread Evolution of Molecular Resistance to Snake Venom $\hat{\pm}$ Neurotoxins in Vertebrates. <i>Toxins</i> , 2020, 12, 638. | 3.4 | 21 |
| 11 | Clinical implications of convergent procoagulant toxicity and differential antivenom efficacy in Australian elapid snake venoms. <i>Toxicology Letters</i> , 2019, 316, 171-182. | 0.8 | 20 |
| 12 | Differential destructive (non-clotting) fibrinolytic activity in Afro-Asian elapid snake venoms and the links to defensive hooding behavior. <i>Toxicology in Vitro</i> , 2019, 60, 330-335. | 2.4 | 18 |
| 13 | Does size matter? Venom proteomic and functional comparison between night adder species (Viperidae: Tj ETQq1 1 0.784314 rgBT / 0). <i>Toxicology and Pharmacology</i> , 2018, 211, 7-14. | 2.6 | 13 |
| 14 | Trimeresurus albolabris snakebite treatment implications arising from ontogenetic venom comparisons of anticoagulant function, and antivenom efficacy. <i>Toxicology Letters</i> , 2020, 327, 2-8. | 0.8 | 12 |
| 15 | Extensive Variation in the Activities of Pseudocerastes and Eristicophis Viper Venoms Suggests Divergent Envenoming Strategies Are Used for Prey Capture. <i>Toxins</i> , 2021, 13, 112. | 3.4 | 10 |
| 16 | Pharmacological Characterisation of Pseudocerastes and Eristicophis Viper Venoms Reveal Anticancer (Melanoma) Properties and a Potentially Novel Mode of Fibrinogenolysis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6896. | 4.1 | 9 |
| 17 | A Genus-Wide Bioactivity Analysis of Daboia (Viperinae: Viperidae) Viper Venoms Reveals Widespread Variation in Haemotoxic Properties. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13486. | 4.1 | 6 |
| 18 | The death adder Acanthophis antarcticus (Shaw & Nodder, 1802) in Victoria: historical records and contemporary uncertainty. <i>Memoirs of Museum Victoria</i> , 0, 77, 29-40. | 0.6 | 0 |