

James S Dobson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4512683/publications.pdf>

Version: 2024-02-01

27
papers

814
citations

471509

17
h-index

526287

27
g-index

27
all docs

27
docs citations

27
times ranked

719
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Clinical implications of differential procoagulant toxicity of the palearctic viperid genus <i>Macrovipera</i> , and the relative neutralization efficacy of antivenoms and enzyme inhibitors. <i>Toxicology Letters</i> , 2021, 340, 77-88.	0.8	16
3	The Dragon's Paralysing Spell: Evidence of Sodium and Calcium Ion Channel Binding Neurotoxins in Helodermatid and Varanid Lizard Venoms. <i>Toxins</i> , 2021, 13, 549.	3.4	3
4	Differential coagulotoxicity of metalloprotease isoforms from <i>Bothrops neuwiedi</i> snake venom and consequent variations in antivenom efficacy. <i>Toxicology Letters</i> , 2020, 333, 211-221.	0.8	10
5	Pets in peril: The relative susceptibility of cats and dogs to procoagulant snake venoms. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2020, 236, 108769.	2.6	4
6	A Web of Coagulotoxicity: Failure of Antivenom to Neutralize the Destructive (Non-Clotting) Fibrinolytic Activity of <i>Loxosceles</i> and <i>Sicarius</i> Spider Venoms. <i>Toxins</i> , 2020, 12, 91.	3.4	11
7	Anticoagulant activity of black snake (Elapidae: <i>Pseudechis</i>) venoms: Mechanisms, potency, and antivenom efficacy. <i>Toxicology Letters</i> , 2020, 330, 176-184.	0.8	20
8	Venomous Landmines: Clinical Implications of Extreme Coagulotoxic Diversification and Differential Neutralization by Antivenom of Venoms within the Viperid Snake Genus <i>Bitis</i> . <i>Toxins</i> , 2019, 11, 422.	3.4	25
9	A Taxon-Specific and High-Throughput Method for Measuring Ligand Binding to Nicotinic Acetylcholine Receptors. <i>Toxins</i> , 2019, 11, 600.	3.4	29
10	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
11	Varanid Lizard Venoms Disrupt the Clotting Ability of Human Fibrinogen through Destructive Cleavage. <i>Toxins</i> , 2019, 11, 255.	3.4	14
12	Mud in the blood: Novel potent anticoagulant coagulotoxicity in the venoms of the Australian elapid snake genus <i>Denisonia</i> (mud adders) and relative antivenom efficacy. <i>Toxicology Letters</i> , 2019, 302, 1-6.	0.8	21
13	Factor X activating <i>Atractaspis</i> snake venoms and the relative coagulotoxicity neutralising efficacy of African antivenoms. <i>Toxicology Letters</i> , 2018, 288, 119-128.	0.8	34
14	Rattling the border wall: Pathophysiological implications of functional and proteomic venom variation between Mexican and US subspecies of the desert rattlesnake <i>Crotalus scutulatus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2018, 205, 62-69.	2.6	27
15	Coagulotoxic Cobras: Clinical Implications of Strong Anticoagulant Actions of African Spitting <i>Naja</i> Venoms That Are Not Neutralised by Antivenom but Are by LY315920 (Varespladib). <i>Toxins</i> , 2018, 10, 516.	3.4	75
16	Buzz Kill: Function and Proteomic Composition of Venom from the Giant Assassin Fly <i>Dolopus genitalis</i> (Diptera: Asilidae). <i>Toxins</i> , 2018, 10, 456.	3.4	12
17	Entomo-venomics: The evolution, biology and biochemistry of insect venoms. <i>Toxicon</i> , 2018, 154, 15-27.	1.6	67
18	Coagulotoxicity of <i>Bothrops</i> (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

#	ARTICLE	IF	CITATIONS
19	Does size matter? Venom proteomic and functional comparison between night adder species (Viperidae: <i>Tj ETQq1</i>) <i>Toxicology and Pharmacology</i> , 2018, 211, 7-14.	1.0784314	13
20	Correlation between ontogenetic dietary shifts and venom variation in Australian brown snakes (<i>Overlock</i>) <i>Toxicology and Pharmacology</i> , 197, 53-60.	2.6	54
21	The Bold and the Beautiful: a Neurotoxicity Comparison of New World Coral Snakes in the <i>Micruroides</i> and <i>Micrurus</i> Genera and Relative Neutralization by Antivenom. <i>Neurotoxicity Research</i> , 2017, 32, 487-495.	2.7	21
22	How the Cobra Got Its Flesh-Eating Venom: Cytotoxicity as a Defensive Innovation and Its Co-Evolution with Hooding, Aposematic Marking, and Spitting. <i>Toxins</i> , 2017, 9, 103.	3.4	71
23	Coagulating Colubrids: Evolutionary, Pathophysiological and Biodiscovery Implications of Venom Variations between Boomslang (<i>Dispholidus typus</i>) and Twig Snake (<i>Thelotornis mossambicanus</i>). <i>Toxins</i> , 2017, 9, 171.	3.4	33
24	Enter the Dragon: The Dynamic and Multifunctional Evolution of Anguimorpha Lizard Venoms. <i>Toxins</i> , 2017, 9, 242.	3.4	37
25	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
26	Canopy Venom: Proteomic Comparison among New World Arboreal Pit-Viper Venoms. <i>Toxins</i> , 2016, 8, 210.	3.4	7
27	The Snake with the Scorpion's Sting: Novel Three-Finger Toxin Sodium Channel Activators from the Venom of the Long-Glanded Blue Coral Snake (<i>Calliophis bivirgatus</i>). <i>Toxins</i> , 2016, 8, 303.	3.4	53