

# James S Dobson

## List of Publications by Year in descending order

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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	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	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
3	Entomo-venomics: The evolution, biology and biochemistry of insect venoms. <i>Toxicon</i> , 2018, 154, 15-27.	1.6	67
4	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
5	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
6	Correlation between ontogenetic dietary shifts and venom variation in Australian brown snakes ( <i>Pseudonaja ferox</i> ). <i>Toxins</i> , 2017, 9, 53-60.	2.6	54
7	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
8	Enter the Dragon: The Dynamic and Multifunctional Evolution of Anguimorpha Lizard Venoms. <i>Toxins</i> , 2017, 9, 242.	3.4	37
9	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
10	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
11	A Taxon-Specific and High-Throughput Method for Measuring Ligand Binding to Nicotinic Acetylcholine Receptors. <i>Toxins</i> , 2019, 11, 600.	3.4	29
12	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
13	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
14	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
15	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
16	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
17	Differential destructive (non-clotting) fibrinogenolytic 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
18	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

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19	Varanid Lizard Venoms Disrupt the Clotting Ability of Human Fibrinogen through Destructive Cleavage. <i>Toxins</i> , 2019, 11, 255.	3.4	14
20	Does size matter? Venom proteomic and functional comparison between night adder species (Viperidae: Tj ETQq0 0 0 rgBT /Overlock 1 Toxicology and Pharmacology, 2018, 211, 7-14.	2.6	13
21	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
22	A Web of Coagulotoxicity: Failure of Antivenom to Neutralize the Destructive (Non-Clotting) Fibrinogenolytic Activity of <i>Loxosceles</i> and <i>Sicarius</i> Spider Venoms. <i>Toxins</i> , 2020, 12, 91.	3.4	11
23	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
24	Extensive Variation in the Activities of <i>Pseudocerastes</i> and <i>Eristicophis</i> Viper Venoms Suggests Divergent Envenoming Strategies Are Used for Prey Capture. <i>Toxins</i> , 2021, 13, 112.	3.4	10
25	Canopy Venom: Proteomic Comparison among New World Arboreal Pit-Viper Venoms. <i>Toxins</i> , 2016, 8, 210.	3.4	7
26	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
27	The Dragon's Paralysing Spell: Evidence of Sodium and Calcium Ion Channel Binding Neurotoxins in <i>Helodermatid</i> and <i>Varanid</i> Lizard Venoms. <i>Toxins</i> , 2021, 13, 549.	3.4	3