

Kevin Arbuckle

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,665
citations

394286

19
h-index

315616

38
g-index

44
all docs

44
docs citations

44
times ranked

2154
citing authors

#	ARTICLE	IF	CITATIONS
1	A case of cooperative breeding in the European Starling, <i>Sturnus vulgaris</i> . <i>Ecology and Evolution</i> , 2022, 12, e8318.	0.8	1
2	Convergent evolution of pain-inducing defensive venom components in spitting cobras. <i>Science</i> , 2021, 371, 386-390.	6.0	96
3	Coevolution of group-living and aposematism in caterpillars: warning colouration may facilitate the evolution from group-living to solitary habits. <i>Bmc Ecology and Evolution</i> , 2021, 21, 25.	0.7	7
4	A double pedigree reveals genetic but not cultural inheritance of cooperative personalities in wild banded mongooses. <i>Ecology Letters</i> , 2021, 24, 1966-1975.	3.0	9
5	Radiating pain: venom has contributed to the diversification of the largest radiations of vertebrate and invertebrate animals. <i>Bmc Ecology and Evolution</i> , 2021, 21, 150.	0.7	3
6	Cooperatively breeding banded mongooses do not avoid inbreeding through familiarity-based kin recognition. <i>Behavioral Ecology and Sociobiology</i> , 2021, 75, 1.	0.6	1
7	Fangs for the Memories? A Survey of Pain in Snakebite Patients Does Not Support a Strong Role for Defense in the Evolution of Snake Venom Composition. <i>Toxins</i> , 2020, 12, 201.	1.5	20
8	Why don't long-finned pilot whales have a widespread postreproductive lifespan? Insights from genetic data. <i>Behavioral Ecology</i> , 2020, 31, 508-518.	1.0	9
9	From molecules to macroevolution: Venom as a model system for evolutionary biology across levels of life. <i>Toxicon: X</i> , 2020, 6, 100034.	1.2	14
10	The functional convergence of antibiotic resistance in β -lactamases is not conferred by a simple convergent substitution of amino acid. <i>Evolutionary Applications</i> , 2019, 12, 1812-1822.	1.5	2
11	Varanid Lizard Venoms Disrupt the Clotting Ability of Human Fibrinogen through Destructive Cleavage. <i>Toxins</i> , 2019, 11, 255.	1.5	14
12	Coagulotoxic effects by brown snake (<i>Pseudonaja</i>) and taipan (<i>Oxyuranus</i>) venoms, and the efficacy of a new antivenom. <i>Toxicology in Vitro</i> , 2019, 58, 97-109.	1.1	30
13	Coevolution of Snake Venom Toxic Activities and Diet: Evidence that Ecological Generalism Favours Toxicological Diversity. <i>Toxins</i> , 2019, 11, 711.	1.5	43
14	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.	0.4	34
15	Proteomic and functional variation within black snake venoms (<i>Elapidae: Pseudechis</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2018, 205, 53-61.	1.3	14
16	Harden up: metal acquisition in the weaponized ovipositors of aculeate hymenoptera. <i>Zoomorphology</i> , 2018, 137, 389-406.	0.4	9
17	Phylogenetic Comparative Methods can Provide Important Insights into the Evolution of Toxic Weaponry. <i>Toxins</i> , 2018, 10, 518.	1.5	8
18	A new species of bandy-bandy (<i>Vermicella</i> : <i>Serpentes: Elapidae</i>) from the Weipa region, Cape York, Australia. <i>Zootaxa</i> , 2018, 4446, 1.	0.2	0

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19	Correlation between ontogenetic dietary shifts and venom variation in Australian brown snakes (<i>Pseudonaja ferox</i>). <i>Toxicon</i> , 2017, 140, 118-131.	0.784314	54
20	Coevolution takes the sting out of it: Evolutionary biology and mechanisms of toxin resistance in animals. <i>Toxicon</i> , 2017, 140, 118-131.	0.8	60
21	Differential procoagulant effects of saw-scaled viper (<i>Serpentes: Viperidae: Echis</i>) snake venoms on human plasma and the narrow taxonomic ranges of antivenom efficacies. <i>Toxicology Letters</i> , 2017, 280, 159-170.	0.4	69
22	Catch a tiger snake by its tail: Differential toxicity, co-factor dependence and antivenom efficacy in a procoagulant clade of Australian venomous snakes. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2017, 202, 39-54.	1.3	33
23	The biology of color. <i>Science</i> , 2017, 357, .	6.0	509
24	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.	1.3	21
25	Quantification provides a conceptual basis for convergent evolution. <i>Biological Reviews</i> , 2017, 92, 815-829.	4.7	54
26	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.	1.5	71
27	Enter the Dragon: The Dynamic and Multifunctional Evolution of Anguimorpha Lizard Venoms. <i>Toxins</i> , 2017, 9, 242.	1.5	37
28	Evolutionary Context of Venom in Animals. <i>Toxinology</i> , 2017, , 3-31.	0.2	22
29	Tempo and Mode of the Evolution of Venom and Poison in Tetrapods. <i>Toxins</i> , 2016, 8, 193.	1.5	26
30	Canopy Venom: Proteomic Comparison among New World Arboreal Pit-Viper Venoms. <i>Toxins</i> , 2016, 8, 210.	1.5	7
31	Analysing Convergent Evolution: A Practical Guide to Methods. , 2016, , 23-36.		11
32	Chemical antipredator defence is linked to higher extinction risk. <i>Royal Society Open Science</i> , 2016, 3, 160681.	1.1	2
33	Patterns of philopatry and longevity contribute to the evolution of post-reproductive lifespan in mammals. <i>Biology Letters</i> , 2016, 12, 20150992.	1.0	15
34	windex: Analyzing Convergent Evolution Using the WheatSheaf Index in R. <i>Evolutionary Bioinformatics</i> , 2015, 11, EBO.S20968.	0.6	31
35	Are mixed diets beneficial for the welfare of captive axolotls (<i>Ambystoma mexicanum</i>)? Effects of feeding regimes on growth and behavior. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2015, 10, 185-190.	0.5	4
36	Antipredator defenses predict diversification rates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 13597-13602.	3.3	68

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37	Widespread convergence in toxin resistance by predictable molecular evolution. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11911-11916.	3.3	130
38	Evolutionary Context of Venom in Animals. , 2015, , 1-23.		7
39	A simple measure of the strength of convergent evolution. Methods in Ecology and Evolution, 2014, 5, 685-693.	2.2	82
40	Does chemical defence increase niche space? A phylogenetic comparative analysis of the Musteloidea. Evolutionary Ecology, 2013, 27, 863-881.	0.5	22
41	Suitability of day-old chicks as food for captive snakes. Journal of Animal Physiology and Animal Nutrition, 2010, 94, e296-e307.	1.0	12