

Kyle Summers

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

3,213
citations

218381

26
h-index

168136

53
g-index

65
all docs

65
docs citations

65
times ranked

2762
citing authors

#	ARTICLE	IF	CITATIONS
1	Concordant evidence for positive selection on genes related to self-domestication in bonobos and early humans.. <i>Evolutionary Behavioral Sciences</i> , 2023, 17, 322-332.	0.7	3
2	Neural crest cell genes and the domestication syndrome: A comparative analysis of selection. <i>PLoS ONE</i> , 2022, 17, e0263830.	1.1	7
3	Piperidine alkaloids from fire ants are not sequestered by the green and black poison frog (<i>Dendrobates auratus</i>). <i>Chemoecology</i> , 2021, 31, 391-396.	0.6	5
4	The genomics of mimicry: Gene expression throughout development provides insights into convergent and divergent phenotypes in a Müllerian mimicry system. <i>Molecular Ecology</i> , 2021, 30, 4039-4061.	2.0	20
5	Who cares for the eggs? Analysis of egg attendance behaviour in <i>Ranitomeya imitator</i> , a poison frog with biparental care. <i>Behaviour</i> , 2021, 159, 603-614.	0.4	5
6	Cognitive Phenotype and Differential Gene Expression in a Hippocampal Homologue in Two Species of Frog. <i>Integrative and Comparative Biology</i> , 2020, 60, 1007-1023.	0.9	11
7	Phylogenomic Reconstruction of the Neotropical Poison Frogs (Dendrobatidae) and Their Conservation. <i>Diversity</i> , 2019, 11, 126.	0.7	23
8	The neural basis of tadpole transport in poison frogs. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191084.	1.2	39
9	A cognitive map in a poison frog. <i>Journal of Experimental Biology</i> , 2019, 222, .	0.8	29
10	Variation in pigmentation gene expression is associated with distinct aposematic color morphs in the poison frog <i>Dendrobates auratus</i> . <i>BMC Evolutionary Biology</i> , 2019, 19, 85.	3.2	25
11	Metabolism and parental care in ectotherms: a comment on Beekman et al.. <i>Behavioral Ecology</i> , 2019, 30, 593-594.	1.0	6
12	Conserved transcriptomic profiles underpin monogamy across vertebrates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 1331-1336.	3.3	75
13	An Empirical Test Indicates Only Qualitatively Honest Aposematic Signaling Within a Population of Vertebrates. <i>Journal of Herpetology</i> , 2018, 52, 201-208.	0.2	9
14	Searching for hormonal facilitators: Are vasotocin and mesotocin involved in parental care behaviors in poison frogs?. <i>Physiology and Behavior</i> , 2017, 174, 74-82.	1.0	20
15	The palatability of Neotropical poison frogs in predator-prey systems: do alkaloids make the difference?. <i>Biotropica</i> , 2017, 49, 23-26.	0.8	11
16	Evidence for begging as an honest signal of offspring need in the biparental mimic poison frog. <i>Animal Behaviour</i> , 2016, 113, 1-11.	0.8	27
17	Mimetic Divergence and the Speciation Continuum in the Mimic Poison Frog <i>Ranitomeya imitator</i> . <i>American Naturalist</i> , 2016, 187, 205-224.	1.0	37
18	Expanding investigations of manipulation via maternal effects: a comment on Paquet and Smiseth. <i>Behavioral Ecology</i> , 2016, 27, 696.1-696.	1.0	1

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19	Are aposematic signals honest? A review. <i>Journal of Evolutionary Biology</i> , 2015, 28, 1583-1599.	0.8	70
20	Number of genes controlling a quantitative trait in a hybrid zone of the aposematic frog <i>Ranitomeya imitator</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20141950.	1.2	10
21	Intraspecific Call Variation in the Mimic Poison Frog <i>Ranitomeya imitator</i> . <i>Herpetologica</i> , 2015, 71, 252-259.	0.2	12
22	Sexual conflict and deception in poison frogs. <i>Environmental Epigenetics</i> , 2014, 60, 37-42.	0.9	15
23	Experimental evidence for predator learning and M \bar{A} llerian mimicry in Peruvian poison frogs (<i>Ranitomeya</i> , Dendrobatidae). <i>Evolutionary Ecology</i> , 2014, 28, 413-426.	0.5	33
24	Parental Care, Sexual Selection, and Mating Systems in Neotropical Poison Frogs. , 2014, , 289-320.		41
25	Reproductive isolation related to mimetic divergence in the poison frog <i>Ranitomeya imitator</i> . <i>Nature Communications</i> , 2014, 5, 4749.	5.8	34
26	Alkaloid defenses of co-mimics in a putative M \bar{A} llerian mimetic radiation. <i>BMC Evolutionary Biology</i> , 2014, 14, 76.	3.2	26
27	All's well that begins Wells: celebrating 60 years of <i>Animal Behaviour</i> and 36 years of research on anuran social behaviour. <i>Animal Behaviour</i> , 2013, 85, 5-18.	0.8	26
28	Parents adjust care in response to weather conditions and egg dehydration in a Neotropical glassfrog. <i>Behavioral Ecology and Sociobiology</i> , 2013, 67, 557-569.	0.6	61
29	Predator driven reproductive behavior in a tropical frog. <i>Evolutionary Ecology</i> , 2013, 27, 725-737.	0.5	28
30	Population expansion, isolation and selection: novel insights on the evolution of color diversity in the strawberry poison frog. <i>Evolutionary Ecology</i> , 2013, 27, 797-824.	0.5	39
31	Phenotypic and Genetic Divergence among Poison Frog Populations in a Mimetic Radiation. <i>PLoS ONE</i> , 2013, 8, e55443.	1.1	29
32	Testing for selection on color and pattern in a mimetic radiation. <i>Environmental Epigenetics</i> , 2012, 58, 668-676.	0.9	21
33	Mate choice and the genetic basis for colour variation in a polymorphic dart frog: inferences from a wild pedigree. <i>Molecular Ecology</i> , 2012, 21, 3879-3892.	2.0	50
34	A taxonomic revision of the Neotropical poison frog genus <i>Ranitomeya</i> (Amphibia: Dendrobatidae). <i>Zootaxa</i> , 2011, 3083, 1.	0.2	106
35	Advergence in M \bar{A} llerian mimicry: the case of the poison dart frogs of Northern Peru revisited. <i>Biology Letters</i> , 2011, 7, 796-800.	1.0	21
36	Evolutionary genomics of human intellectual disability. <i>Evolutionary Applications</i> , 2010, 3, 52-63.	1.5	9

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37	Genetic structure is correlated with phenotypic divergence rather than geographic isolation in the highly polymorphic strawberry poison-dart frog. <i>Molecular Ecology</i> , 2010, 19, 447-458.	2.0	191
38	Xmarks the spot: life history tradeoffs, sexual selection and the evolutionary ecology of oncogenesis. <i>Molecular Ecology</i> , 2010, 19, 3022-3024.	2.0	18
39	Evidence for selection on coloration in a Panamanian poison frog: a coalescent-based approach. <i>Journal of Biogeography</i> , 2010, 37, 891-901.	1.4	40
40	A Key Ecological Trait Drove the Evolution of Biparental Care and Monogamy in an Amphibian. <i>American Naturalist</i> , 2010, 175, 436-446.	1.0	164
41	ORIGINAL ARTICLE: Genomic sister-disorders of neurodevelopment: an evolutionary approach. <i>Evolutionary Applications</i> , 2009, 2, 81-100.	1.5	34
42	Highly polymorphic microsatellite markers for the highly polymorphic strawberry poison-dart frog and some of its congeners. <i>Conservation Genetics</i> , 2009, 10, 2033-2036.	0.8	8
43	Divergent patterns of selection on the DAB and DXB MHC class II loci in Xiphophorus fishes. <i>Genetica</i> , 2009, 135, 379-390.	0.5	8
44	The development and analysis of twenty-one microsatellite loci for three species of Amazonian poison frogs. <i>Conservation Genetics Resources</i> , 2009, 1, 149-151.	0.4	7
45	Effect of Body Size on Intraguild Predation between Tadpoles of Bamboo-Breeding Poison Frogs and Predaceous Mosquito Larvae. <i>Journal of Freshwater Ecology</i> , 2009, 24, 431-435.	0.5	5
46	Molecular evolution of the prostate cancer susceptibility locus RNASEL: Evidence for positive selection. <i>Infection, Genetics and Evolution</i> , 2008, 8, 297-301.	1.0	13
47	The androgen receptor and prostate cancer: A role for sexual selection and sexual conflict?. <i>Medical Hypotheses</i> , 2008, 70, 435-443.	0.8	23
48	Phytotelm size in relation to parental care and mating strategies in two species of Peruvian poison frogs. <i>Behaviour</i> , 2008, 145, 1139-1165.	0.4	72
49	Rapid diversification of colouration among populations of a poison frog isolated on sky peninsulas in the central cordilleras of Peru. <i>Journal of Biogeography</i> , 2007, 34, 417-426.	1.4	31
50	The evolution of parental care and egg size: a comparative analysis in frogs. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 687-692.	1.2	89
51	Positive selection in the evolution of cancer. <i>Biological Reviews</i> , 2006, 81, 407.	4.7	82
52	Genetic divergence and speciation in lowland and montane peruvian poison frogs. <i>Molecular Phylogenetics and Evolution</i> , 2006, 41, 149-164.	1.2	56
53	Cadherins in maternal-foetal interactions: red queen with a green beard?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 643-649.	1.2	31
54	Interspecific and intraspecific views of color signals in the strawberry poison frog <i>Dendrobates pumilio</i> . <i>Journal of Experimental Biology</i> , 2004, 207, 2471-2485.	0.8	469

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55	Parasitic exploitation as an engine of diversity. <i>Biological Reviews</i> , 2003, 78, 639-675.	4.7	91
56	Variation in spectral reflectance among populations of <i>Dendrobates pumilio</i> , the strawberry poison frog, in the Bocas del Toro Archipelago, Panama. <i>Journal of Biogeography</i> , 2003, 30, 35-53.	1.4	85
57	Convergent evolution of bright coloration and toxicity in frogs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 12533-12534.	3.3	21
58	Molecular phylogenetic evidence for a mimetic radiation in Peruvian poison frogs supports a MÅ¼llerian mimicry hypothesis. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001, 268, 2415-2421.	1.2	164
59	Visual mate choice in poison frogs. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1999, 266, 2141-2145.	1.2	210
60	The effects of cannibalism on Amazonian poison frog egg and tadpole deposition and survivorship in <i>Heliconia axill</i> pools. <i>Oecologia</i> , 1999, 119, 557-564.	0.9	63
61	Mating strategies in two species of dart-poison frogs: a comparative study. <i>Animal Behaviour</i> , 1992, 43, 907-919.	0.8	69
62	Paternal care and the cost of polygyny in the green dart-poison frog. <i>Behavioral Ecology and Sociobiology</i> , 1990, 27, 307-313.	0.6	83
63	Sexual selection and intra-female competition in the green poison-dart frog, <i>Dendrobates auratus</i> . <i>Animal Behaviour</i> , 1989, 37, 797-805.	0.8	102