Geoffrey M While

List of Publications by Year
in descending order

88 papers	2,063 citations	270111 25 h-index	340414 39 g-index
91 all docs	91 docs citations	91 times ranked	2214 citing authors

#	Article	IF	Citations
1	Population Genomics of Wall Lizards Reflects the Dynamic History of the Mediterranean Basin. Molecular Biology and Evolution, 2022, 39, .	3.5	10
2	Characterisation and cross-amplification of sex-specific genetic markers in Australasian Egerniinae lizards and their implications for understanding the evolution of sex determination and social complexity. Australian Journal of Zoology, 2022, 69, 33-40.	0.6	2
3	Population genetic differentiation and genomic signatures of adaptation to climate in an abundant lizard. Heredity, 2022, 128, 271-278.	1.2	7
4	Impact of fluctuating developmental temperatures on phenotypic traits in reptiles: a meta-analysis. Journal of Experimental Biology, 2022, 225, .	0.8	6
5	Sex reversal explains some, but not all, climate-mediated sex ratio variation within a viviparous reptile. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, .	1.2	2
6	Individual telomere dynamics and their links to life history in a viviparous lizard. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20210271.	1.2	11
7	The thermal environment as a moderator of social evolution. Biological Reviews, 2021, 96, 2890-2910.	4.7	5
8	Climate Shapes the Geographic Distribution and Introgressive Spread of Color Ornamentation in Common Wall Lizards. American Naturalist, 2021, 198, 379-393.	1.0	7
9	Agonistic behavioural asymmetry in two species of montane lizard that exhibit elevational replacement. Landscape Ecology, 2021, 36, 863-876.	1.9	1
10	Australian lizards are outstanding models for reproductive biology research. Australian Journal of Zoology, 2021, 68, 168-199.	0.6	9
11	Viviparous mothers impose stronger glucocorticoidâ€mediated maternal stress effects on their offspring than oviparous mothers. Ecology and Evolution, 2021, 11, 17238-17259.	0.8	8
12	Socioecology of the Australian Tree Skink (Egernia striolata). Frontiers in Ecology and Evolution, 2021, 9, .	1.1	0
13	Allopatric divergence drives the genetic structuring of an endangered alpine endemic lizard with a skyâ€island distribution. Animal Conservation, 2020, 23, 104-118.	1.5	13
14	Degrees of change: between and within population variation in thermal reaction norms of phenology in a viviparous lizard. Ecology, 2020, 101, e03136.	1.5	10
15	Spatial variation in gene flow across a hybrid zone reveals causes of reproductive isolation and asymmetric introgression in wall lizards*. Evolution; International Journal of Organic Evolution, 2020, 74, 1289-1300.	1.1	23
16	Temporal variation in thermal plasticity in a free-ranging subalpine lizard. Journal of Thermal Biology, 2020, 91, 102623.	1.1	10
17	Tail loss and telomeres: consequences of large-scale tissue regeneration in a terrestrial ectotherm. Biology Letters, 2019, 15, 20190151.	1.0	5
18	Why is ecotherm parental care so cold? a comment on Beekman et al.. Behavioral Ecology, 2019, 30, 594-595.	1.0	1

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19	Temperature and telomeres: thermal treatment influences telomere dynamics through a complex interplay of cellular processes in a cold-climate skink. Oecologia, 2019, 191, 767-776.	0.9	11
20	Genetic differentiation predicts body size divergence between island and mainland populations of common wall lizards (Podarcis muralis). Biological Journal of the Linnean Society, 2019, 127, 771-786.	0.7	3
21	Variation in thermal biology of three closely related lizard species along an elevation gradient. Biological Journal of the Linnean Society, 2019, 127, 278-291.	0.7	12
22	Low food availability during gestation enhances offspring post-natal growth, but reduces survival, in a viviparous lizard. Oecologia, 2019, 189, 611-620.	0.9	5
23	Regulatory changes in pterin and carotenoid genes underlie balanced color polymorphisms in the wall lizard. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 5633-5642.	3.3	163
24	Stable Social Grouping in Lizards. , 2019, , 321-339.		11
25	Maternal effects impact decision-making in a viviparous lizard. Biology Letters, 2018, 14, 20170556.	1.0	15
26	Disentangling sex allocation in a viviparous reptile with temperatureâ€dependent sex determination: a multifactorial approach. Journal of Evolutionary Biology, 2018, 31, 267-276.	0.8	3
27	Signatures of selection in embryonic transcriptomes of lizards adapting in parallel to cool climate. Evolution; International Journal of Organic Evolution, 2018, 72, 67-81.	1.1	22
28	Genomic evidence for asymmetric introgression by sexual selection in the common wall lizard. Molecular Ecology, 2018, 27, 4213-4224.	2.0	27
29	Plastic rates of development and the effect of thermal extremes on offspring fitness in a coldâ€climate viviparous lizard. Journal of Experimental Zoology Part A: Ecological and Integrative Physiology, 2018, 329, 262-270.	0.9	8
30	Developmental plasticity in reptiles: Insights from temperatureâ€dependent gene expression in wall lizard embryos. Journal of Experimental Zoology Part A: Ecological and Integrative Physiology, 2018, 329, 351-361.	0.9	13
31	Patterns of developmental plasticity in response to incubation temperature in reptiles. Journal of Experimental Zoology Part A: Ecological and Integrative Physiology, 2018, 329, 162-176.	0.9	69
32	Mate familiarity and social learning in a monogamous lizard. Oecologia, 2018, 188, 1-10.	0.9	11
33	A comprehensive database of thermal developmental plasticity in reptiles. Scientific Data, 2018, 5, 180138.	2.4	29
34	Habitat saturation promotes delayed dispersal in a social reptile. Behavioral Ecology, 2017, , arw181.	1.0	5
35	Experimental manipulation suggests effect of polyandry but not mate familiarity on within-pair aggression in the social skink, Liopholis whitii. Behavioral Ecology and Sociobiology, 2017, 71, 1.	0.6	3
36	Comparison of reproductive investment in native and nonâ€native populations of common wall lizards reveals sex differences in adaptive potential. Oikos, 2017, 126, 1564-1574.	1.2	6

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37	Sociality in Lizards. , 2017, , 390-426.		33
38	Climate and sex ratio variation in a viviparous lizard. Biology Letters, 2017, 13, 20170218.	1.0	28
39	Resource distribution mediates social and mating behavior in a family living lizard. Behavioral Ecology, 2017, 28, 145-153.	1.0	23
40	Chemical communication, sexual selection, and introgression in wall lizards. Evolution; International Journal of Organic Evolution, 2017, 71, 2327-2343.	1.1	19
41	Plasticity of thermoregulatory behaviour in response to the thermal environment by widespread and alpine reptile species. Animal Behaviour, 2017, 132, 217-227.	0.8	37
42	Female reproductive investment in response to male phenotype in wall lizards and its implications for introgression. Biological Journal of the Linnean Society, 2017, 121, 876-882.	0.7	1
43	Live bearing promotes the evolution of sociality in reptiles. Nature Communications, 2017, 8, 2030.	5.8	39
44	Resource availability, but not polyandry, influences sibling conflict in a burying beetle Nicrophorus vespilloides. Behavioral Ecology, 2017, 28, 1093-1100.	1.0	11
45	Family aggression in a social lizard. Scientific Reports, 2017, 7, 3502.	1.6	5
46	Experimental contact zones reveal causes and targets of sexual selection in hybridizing lizards. Functional Ecology, 2017, 31, 742-752.	1.7	30
47	Habitat Structure Influences Parent-Offspring Association in a Social Lizard. Frontiers in Ecology and Evolution, 2016, 4, .	1.1	10
48	Low Incubation Temperature Induces DNA Hypomethylation in Lizard Brains. Journal of Experimental Zoology, 2016, 325, 390-395.	1.2	17
49	An experimental test of relatedness-based mate discrimination in a social lizard. Behavioral Ecology and Sociobiology, 2016, 70, 2139-2147.	0.6	11
50	Loss of genetic diversity and increased embryonic mortality in nonâ€native lizard populations. Molecular Ecology, 2016, 25, 4113-4125.	2.0	10
51	Male behaviour drives assortative reproduction during the initialÂstage of secondary contact. Journal of Evolutionary Biology, 2016, 29, 1003-1015.	0.8	27
52	Widespread primary, but geographically restricted secondary, human introductions of wall lizards, Podarcis muralis. Molecular Ecology, 2015, 24, 2702-2714.	2.0	30
53	Sexual selection drives asymmetric introgression in wall lizards. Ecology Letters, 2015, 18, 1366-1375.	3.0	88
54	Behavioural syndromes and structural and temporal consistency of behavioural traits in a social lizard. Journal of Zoology, 2015, 296, 58-66.	0.8	26

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55	Adaptive responses to cool climate promotes persistence of a non-native lizard. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20142638.	1.2	38
56	Egernia lizards. Current Biology, 2015, 25, R593-R595.	1.8	22
57	Potential for thermal tolerance to mediate climate change effects on three members of a cool temperate lizard genus, Niveoscincus. Journal of Thermal Biology, 2015, 52, 14-23.	1.1	27
58	Phylogeography and Conservation Genetics of the Common Wall Lizard, Podarcis muralis, on Islands at Its Northern Range. PLoS ONE, 2015, 10, e0117113.	1.1	11
59	Examining the Role of Testosterone in Mediating Short-Term Aggressive Responses to Social Stimuli in a Lizard. PLoS ONE, 2015, 10, e0125015.	1.1	4
60	Promiscuity resolves constraints on social mate choice imposed by population viscosity. Molecular Ecology, 2014, 23, 721-732.	2.0	16
61	The scent of sun worship: basking experience alters scent mark composition in male lizards. Behavioral Ecology and Sociobiology, 2014, 68, 861-870.	0.6	32
62	Quo vadis amphibia? Global warming and breeding phenology in frogs, toads and salamanders. Ecography, 2014, 37, 921-929.	2.1	54
63	The role of size and aggression in intrasexual male competition in a social lizard species, Egernia whitii. Behavioral Ecology and Sociobiology, 2013, 67, 79-90.	0.6	28
64	Human introductions create opportunities for intra-specific hybridization in an alien lizard. Biological Invasions, 2013, 15, 1101-1112.	1.2	22
65	Introduction pathway and climate trump ecology and life history as predictors of establishment success in alien frogs and toads. Ecology and Evolution, 2012, 2, 1437-1445.	0.8	27
66	Variation in social organization influences the opportunity for sexual selection in a social lizard. Molecular Ecology, 2011, 20, 844-852.	2.0	22
67	ALTITUDINAL DIVERGENCE IN MATERNAL THERMOREGULATORY BEHAVIOUR MAY BE DRIVEN BY DIFFERENCES IN SELECTION ON OFFSPRING SURVIVAL IN A VIVIPAROUS LIZARD. Evolution; International Journal of Organic Evolution, 2011, 65, 2313-2324.	1.1	40
68	Oxidative stress physiology in relation to life history traits of a freeâ€living vertebrate: the spotted snow skink, Niveoscincus ocellatus. Integrative Zoology, 2011, 6, 140-149.	1.3	28
69	Development of 13 microsatellite loci in the spotted snow skink Niveoscincus ocellatus (Squamata:) Tj ETQq1 1 0.784314 rgBT /Over	0.4	1
70	Aggression, but not testosterone, is associated to oxidative status in a free-living vertebrate. Behaviour, 2011, 148, 713-731.	0.4	29
71	Comment on â€œIntrasexual competition among females: evidence for sexual selectionâ€•by Kimberly Rosvall. Behavioral Ecology, 2011, 22, 1141-1141.	1.0	1
72	Multiâ€scale approach to understanding climate effects on offspring size at birth and date of birth in a reptile. Integrative Zoology, 2010, 5, 164-175.	1.3	32

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73	Climate-driven population divergence in sex-determining systems. Nature, 2010, 468, 436-438.	13.7	153
74	Giving offspring a head start in life: field and experimental evidence for selection on maternal basking behaviour in lizards. Journal of Evolutionary Biology, 2010, 23, 651-657.	0.8	67
75	Repeatable intra-individual variation in plasma testosterone concentration and its sex-specific link to aggression in a social lizard. Hormones and Behavior, 2010, 58, 208-213.	1.0	54
76	Snow skinks (Niveoscincus ocellatus) do not shift their sex allocation patterns in response to mating history. Behaviour, 2009, 146, 1405-1422.	0.4	7
77	Family conflict and the evolution of sociality in reptiles. Behavioral Ecology, 2009, 20, 245-250.	1.0	54
78	Female aggression predicts mode of paternity acquisition in a social lizard. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 2021-2029.	1.2	49
79	Effects of basking opportunity on birthing asynchrony in a viviparous lizard. Animal Behaviour, 2009, 77, 1465-1470.	0.8	15
80	Offspring performance and the adaptive benefits of prolonged pregnancy: experimental tests in a viviparous lizard. Functional Ecology, 2009, 23, 818-825.	1.7	13
81	Withinâ€population variation in social strategies characterize the social and mating system of an Australian lizard,Egernia whitii. Austral Ecology, 2009, 34, 938-949.	0.7	41
82	Evaluation of offspring sizeâ€“number invariants in 12 species of lizard. Journal of Evolutionary Biology, 2009, 22, 143-151.	0.8	11
83	Maternal care in a social lizard: links between female aggression and offspring fitness. Animal Behaviour, 2008, 76, 1249-1257.	0.8	74
84	Are there benefits to being born asynchronously: an experimental test in a social lizard. Behavioral Ecology, 2008, 19, 208-216.	1.0	20
85	Birthing asynchrony is not a consequence of asynchronous offspring development in a non-avian vertebrate, the Australian skink Egernia whitii. Functional Ecology, 2007, 21, 513-519.	1.7	36
86	Distance from cover affects artificial food-patch depletion by macropod herbivores. Wildlife Research, 2006, 33, 565.	0.7	10
87	Foraging in a risky environment: a comparison of Bennett's wallabies Macropus rufogriseus rufogriseus (Marsupialia: Macropodidae) and red-bellied pademelons Thylogale billiardierii (Marsupialia: Macropodidae) in open habitats. Austral Ecology, 2005, 30, 756-764.	0.7	25
88	Maternal presence facilitates plasticity in offspring behavior: insights into the evolution of parental care. Behavioral Ecology, 0, , .	1.0	5