

# Alison Cree

## List of Publications by Year in descending order

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74  
papers

1,962  
citations

257450

24  
h-index

276875

41  
g-index

74  
all docs

74  
docs citations

74  
times ranked

1471  
citing authors

#	ARTICLE	IF	CITATIONS
1	Elevated hormonal stress response and reduced reproductive output in Yellow-eyed penguins exposed to unregulated tourism. <i>General and Comparative Endocrinology</i> , 2007, 152, 54-63.	1.8	208
2	Low annual reproductive output in female reptiles from New Zealand. <i>New Zealand Journal of Zoology</i> , 1994, 21, 351-372.	1.1	122
3	Reproductive cycles of male and female tuatara ( <i>Sphenodon punctatus</i> ) on Stephens Island, New Zealand. <i>Journal of Zoology</i> , 1992, 226, 199-217.	1.7	96
4	Effects of Reproductive Condition, Season, and Site on Selected Temperatures of a Viviparous Gecko. <i>Physiological and Biochemical Zoology</i> , 2000, 73, 344-355.	1.5	85
5	Raising the prospects for a forgotten fauna: a review of 10 years of conservation effort for New Zealand reptiles. <i>Biological Conservation</i> , 2001, 99, 3-16.	4.1	72
6	Protecting embryos from stress: corticosterone effects and the corticosterone response to capture and confinement during pregnancy in a live-bearing lizard ( <i>Hoplodactylus maculatus</i> ). <i>General and Comparative Endocrinology</i> , 2003, 134, 316-329.	1.8	66
7	Tuatara sex determination. <i>Nature</i> , 1995, 375, 543-543.	27.8	60
8	Biennial Reproduction with a Fourteen-Month Pregnancy in the Gecko <i>Hoplodactylus maculatus</i> from Southern New Zealand. <i>Journal of Herpetology</i> , 1995, 29, 163.	0.5	59
9	A cold-adapted reptile becomes a more effective thermoregulator in a thermally challenging environment. <i>Oecologia</i> , 2010, 163, 571-581.	2.0	57
10	The effect of reproductive condition on thermoregulation in a viviparous gecko from a cool climate. <i>Journal of Thermal Biology</i> , 2002, 27, 17-27.	2.5	54
11	Reproduction of a Rare New Zealand Reptile, the Tuatara <i>Sphenodon punctatus</i> , on Rat-Free and Rat-Inhabited Islands. <i>Conservation Biology</i> , 1995, 9, 373-383.	4.7	52
12	Low genetic divergence obscures phylogeny among populations of <i>Sphenodon</i> , remnant of an ancient reptile lineage. <i>Molecular Phylogenetics and Evolution</i> , 2003, 29, 1-19.	2.7	48
13	Absence of daily cycles in plasma sex steroids in male and female tuatara ( <i>Sphenodon punctatus</i> ), and the effects of acute capture stress on females. <i>General and Comparative Endocrinology</i> , 1990, 79, 103-113.	1.8	45
14	Corticosterone Treatment Has Subtle Effects on Thermoregulatory Behavior and Raises Metabolic Rate in the New Zealand Common Gecko, <i>Hoplodactylus maculatus</i> . <i>Physiological and Biochemical Zoology</i> , 2008, 81, 641-650.	1.5	44
15	Removal of introduced predators, but not artificial refuge supplementation, increases skink survival in coastal duneland. <i>Biological Conservation</i> , 2010, 143, 72-77.	4.1	38
16	INTRASPECIFIC VARIATION IN THE EFFECT OF TEMPERATURE ON PREGNANCY IN THE VIVIPAROUS GECKO <i>HOPLODACTYLUS MACULATUS</i> . <i>Herpetologica</i> , 2003, 59, 8-22.	0.4	36
17	Relative use of three types of artificial retreats by terrestrial lizards in grazed coastal shrubland, New Zealand. <i>Applied Herpetology</i> , 2007, 4, 227-243.	0.5	35
18	Status and longevity of the tuatara, <i>Sphenodon guntheri</i> , and Duvaucel's gecko, <i>Hoplodactylus duvaucelii</i> , on North Brother Island, New Zealand. <i>Journal of the Royal Society of New Zealand</i> , 1992, 22, 123-130.	1.9	33

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19	Securing the Demographic and Genetic Future of Tuatara through Assisted Colonization. <i>Conservation Biology</i> , 2012, 26, 790-798.	4.7	33
20	Annual Reproduction in Females of a Viviparous Skink ( <i>Oligosoma maccanni</i> ) in a Subalpine Environment. <i>Journal of Herpetology</i> , 2006, 40, 141-151.	0.5	30
21	Tuatara. <i>Current Biology</i> , 2012, 22, R986-R987.	3.9	29
22	Effect of $\beta$ -Adrenergic Stimulation on Uterine Contraction in Response to Arginine Vasotocin and Prostaglandin F <sub>2</sub> in the Gecko <i>Hoplodactylus Maculatus</i> . <i>Biology of Reproduction</i> , 1991, 44, 499-510.	2.7	28
23	Responses of Tuatara ( <i>Sphenodon punctatus</i> ) to Removal of Introduced Pacific Rats from Islands. <i>Conservation Biology</i> , 2007, 21, 1021-1031.	4.7	28
24	Stable carbon isotope ratios as indicators of marine versus terrestrial inputs to the diets of wild and captive tuatara ( <i>Sphenodon punctatus</i> ). <i>New Zealand Journal of Zoology</i> , 1999, 26, 243-253.	1.1	26
25	Modelling exposure to selected temperature during pregnancy: the limitations of squamate viviparity in a cool-climate environment. <i>Biological Journal of the Linnean Society</i> , 0, 96, 541-552.	1.6	26
26	Risks of a late start to captive management for conservation: Phenotypic differences between wild and captive individuals of a viviparous endangered skink ( <i>Oligosoma ottagense</i> ). <i>Biological Conservation</i> , 2008, 141, 1283-1292.	4.1	24
27	Thermal dependence of locomotor performance in two cool-temperate lizards. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2011, 197, 869-875.	1.6	24
28	Are viviparous lizards from cool climates ever exclusively nocturnal? Evidence for extensive basking in a New Zealand gecko. <i>Biological Journal of the Linnean Society</i> , 2015, 115, 882-895.	1.6	22
29	Reproduction and Life History of New Zealand Lizards. , 2016, , 169-206.		22
30	Slow Estradiol-induced Vitellogenesis in the Tuatara, <i>Sphenodon punctatus</i> . <i>Physiological Zoology</i> , 1991, 64, 1234-1251.	1.5	22
31	Endocrinology of Oviposition in the Tuatara ( <i>Sphenodon Punctatus</i> ): I. Plasma Steroids and Prostaglandins during Natural Nesting. <i>Biology of Reproduction</i> , 1990, 43, 285-289.	2.7	21
32	ACTH-induced stress response during pregnancy in a viviparous gecko: no observed effect on offspring quality. <i>Journal of Experimental Zoology Part A, Comparative Experimental Biology</i> , 2005, 303A, 823-835.	1.3	21
33	Exploring the consequences of climate-induced changes in cloud cover on offspring of a cool-temperate viviparous lizard. <i>Biological Journal of the Linnean Society</i> , 2010, 101, 844-851.	1.6	21
34	Breeding biology, respiration, and larval development of two introduced frogs ( <i>Litoria</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td (	1.1	20
35	Thermal properties of artificial refuges and their implications for retreat-site selection in lizards. <i>Applied Herpetology</i> , 2009, 6, 307-326.	0.5	20
36	Adherence to Bergmann's rule by lizards may depend on thermoregulatory mode: support from a nocturnal gecko. <i>Oecologia</i> , 2015, 178, 427-440.	2.0	20

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37	Effects of arginine vasotocin on water balance of three leiopelmatid frogs. <i>General and Comparative Endocrinology</i> , 1988, 72, 340-350.	1.8	18
38	Direct and Indirect Effects of Grazing by Introduced Mammals on a Native, Arboreal Gecko ( <i>Naultinus gemmeus</i> ). <i>Journal of Herpetology</i> , 2012, 46, 145-152.	0.5	18
39	Population numbers, response to weather, movements and management of the threatened New Zealand skinks <i>Oligosoma grande</i> and <i>O. ottagense</i> in tussock grassland. <i>Pacific Conservation Biology</i> , 1997, 3, 379.	1.0	17
40	Accuracy of an inexpensive, compact infrared thermometer for measuring skin surface temperature of small lizards. <i>Journal of Thermal Biology</i> , 2019, 84, 285-291.	2.5	17
41	Extended gestation with late-autumn births in a cool-climate viviparous gecko from southern New Zealand ( <i>Reptilia:Naultinus gemmeus</i> ). <i>Austral Ecology</i> , 2003, 28, 339-348.	1.5	16
42	Modulation of corticosterone secretion in tuatara ( <i>Sphenodon punctatus</i> ): Evidence of a dampened stress response in gravid females. <i>General and Comparative Endocrinology</i> , 2014, 201, 45-52.	1.8	16
43	Pregnancy reduces critical thermal maximum, but not voluntary thermal maximum, in a viviparous skink. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2019, 189, 611-621.	1.5	16
44	Eggshell formation during prolonged gravidity of the tuatara <i>Sphenodon punctatus</i> . , 1996, 230, 129-144.		13
45	Thermal and Metabolic Physiology of New Zealand Lizards. , 2016, , 239-267.		13
46	Incidence, causes and consequences of pregnancy failure in viviparous lizards: implications for research and conservation settings. <i>Reproduction, Fertility and Development</i> , 2010, 22, 761.	0.4	12
47	Further miniaturisation of the Thermochron iButton to create a thermal bio-logger weighing 0.3 g. <i>Journal of Experimental Biology</i> , 2018, 221, .	1.7	11
48	Thermal heterogeneity of selected retreats in cool-temperate viviparous lizards suggests a potential benefit of future climate warming. <i>Journal of Thermal Biology</i> , 2021, 97, 102869.	2.5	10
49	Plasma Concentrations of Vitellogenin and Sex Steroids in Female Tuatara ( <i>Sphenodon punctatus</i> ) Tj ETQq1 1 0.784314 rgBT <sub>9</sub> /Overlo	1.8	9
50	A comparison of five methods for assignment of sex in the takahe ( <i>Aves: Porphyrio mantelli</i> ). <i>Journal of Zoology</i> , 2001, 253, 281-292.	1.7	9
51	Maternal basking regime has complex implications for birthdate and offspring phenotype in a nocturnally foraging, viviparous gecko. <i>Journal of Experimental Biology</i> , 2016, 219, 2934-2943.	1.7	9
52	Heat and water loss vs shelter: a dilemma in thermoregulatory decision-making for a retreat-dwelling nocturnal gecko. <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	9
53	Identification of female tuatara in ovulatory condition using plasma sex steroid concentrations. <i>New Zealand Journal of Zoology</i> , 1991, 18, 421-425.	1.1	8
54	Resource selection by tuatara following translocation: a comparison of wild-caught and captive-reared juveniles. , 2016, 40, 334-341.		8

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55	Morphological changes in the corpus luteum of tuatara ( <i>Sphenodon punctatus</i> ) during gravidity. , 1997, 232, 79-91.		7
56	Effects of early postnatal environment on phenotype and survival of a lizard. <i>Oecologia</i> , 2012, 168, 639-649.	2.0	7
57	Adjustment of juvenile tuatara to a cooler, southern climate: operative temperatures, emergence behaviour and growth rate. <i>New Zealand Journal of Zoology</i> , 2013, 40, 290-303.	1.1	7
58	Glucocorticoids in tuatara ( <i>Sphenodon punctatus</i> ): Some influential factors, and applications in conservation management. <i>General and Comparative Endocrinology</i> , 2017, 244, 54-59.	1.8	7
59	A nocturnally foraging gecko of the high-latitude alpine zone: Extreme tolerance of cold nights, with cryptic basking by day. <i>Journal of Thermal Biology</i> , 2021, 99, 102957.	2.5	7
60	Moving house: long-term dynamics of corticosterone secretion are unaltered in translocated populations of a rare reptile (the tuatara, <i>Sphenodon punctatus</i> ). , 2015, 3, cov014.		6
61	Greater basking opportunity and warmer nights during late pregnancy advance modal birth season in a live-bearing gecko, lowering the risk of reduced embryonic condition. <i>Biological Journal of the Linnean Society</i> , 2020, 130, 128-141.	1.6	6
62	Using Holocene fossils to model the future: Distribution of climate suitability for tuatara, the last rhynchocephalian. <i>Journal of Biogeography</i> , 2021, 48, 1489-1502.	3.0	6
63	Water balance and nitrogen excretion of two introduced frogs ( <i>Litoria raniformis</i> and <i>L. ewingi</i> ). <i>New Zealand Journal of Zoology</i> , 1985, 12, 341-348.	1.1	5
64	Does gestational temperature or prenatal sex ratio influence development of sexual dimorphism in a viviparous skink?. <i>Journal of Experimental Zoology</i> , 2011, 315A, 215-221.	1.2	5
65	Sexual Dimorphism of Digitâ€Length Ratio in a Viviparous Lizard: Influence of Age, but not Preservation State or Sex of Interuterine Twin. <i>Anatomical Record</i> , 2018, 301, 1169-1178.	1.4	5
66	Hormone treatment does not reliably induce spermiation or mating in Hamiltonâ€™s frog from the archaic leiopelmatid lineage. <i>Reproduction, Fertility and Development</i> , 2022, 34, 447-452.	0.4	5
67	Wind of change: a diurnal skink thermoregulates between cooler set-points and for an increased amount of time in the presence of wind. <i>Journal of Experimental Biology</i> , 2022, 225, .	1.7	4
68	Diet of tuatara ( <i>Sphenodon punctatus</i> ) translocated to ÅCERokonui Ecosanctuary in southern New Zealand. <i>New Zealand Journal of Zoology</i> , 2017, 44, 256-265.	1.1	3
69	Reproductive morphology of the male <sc>T</sc>uatara, <i><sc>S</sc>phenodon punctatus</i>. <i>Acta Zoologica</i> , 2013, 94, 454-461.	0.8	2
70	Effects of Warm Temperatures on Metabolic Rate and Evaporative Water Loss in Tuatara, a Cool-Climate Rhynchocephalian Survivor. <i>Physiological and Biochemical Zoology</i> , 2018, 91, 950-966.	1.5	2
71	Parturient behaviour of a viviparous skink: evidence for maternal cannibalism when basking opportunity is low. <i>New Zealand Journal of Zoology</i> , 2018, 45, 359-370.	1.1	1
72	Social networks and social stability in a translocated population of Otago skinks ( <i>Oligosoma</i> ) Tj ETQq0 0 0 rgBT /Oerlock 1Q Tf 50 62 T	1.1	1

#	ARTICLE	IF	CITATIONS
73	Comparison among three body parts and three software packages to optimise photographic identification of a reptile (tuatara, <i>Sphenodon punctatus</i> ). <i>Amphibia - Reptilia</i> , 2019, 40, 233-244.	0.5	0
74	Polydactyly in a lizard: a fitness advantage or a flaw?. <i>Frontiers in Ecology and the Environment</i> , 2021, 19, 85-85.	4.0	0