Nicola J Nelson

List of Publications by Year
in descending order

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87	2,001	236925	289244
papers	citations	25 h-index	40 g-index

88	88	88	2575
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Diverse aging rates in ectothermic tetrapods provide insights for the evolution of aging and longevity. Science, 2022, 376, 1459-1466.	12.6	34
2	Modelling threeâ€dimensional space to design prey refuges using video game software. Ecosphere, 2021, 12, e03321.	2.2	5
3	Climateâ€change impacts exacerbate conservation threats in island systems: New Zealand as a case study. Frontiers in Ecology and the Environment, 2021, 19, 216-224.	4.0	29
4	Effects of mammal exclusion on invertebrate communities in New Zealand. Austral Ecology, 2021, 46, 776-791.	1.5	4
5	Conservation status of the world's skinks (Scincidae): Taxonomic and geographic patterns in extinction risk. Biological Conservation, 2021, 257, 109101.	4.1	26
6	Public willingness to engage in backyard conservation in New Zealand: Exploring motivations and barriers for participation. People and Nature, 2021, 3, 929-940.	3.7	7
7	Initial collection, characterization, and storage of tuatara (Sphenodon punctatus) sperm offers insight into their unique reproductive system. PLoS ONE, 2021, 16, e0253628.	2.5	7
8	Postfledging dispersal of redâ€fronted parakeets (<scp>Cyanoramphus novaezelandiae</scp>) from a fenced mainland sanctuary. Conservation Science and Practice, 2021, 3, e337.	2.0	4
9	Survival and growth of tuatara Sphenodon punctatus following translocation from the Cook Strait to warmer locations in their historic range. Oryx, 2020, 54, 222-233.	1.0	3
10	The tuatara genome reveals ancient features of amniote evolution. Nature, 2020, 584, 403-409.	27.8	105
11	Reviewing the past, present and potential lizard faunas of New Zealand cities. Landscape and Urban Planning, 2019, 192, 103647.	7.5	5
12	Estimating the biodiversity of terrestrial invertebrates on a forested island using DNA barcodes and metabarcoding data. Ecological Applications, 2019, 29, e01877.	3.8	37
13	The winners: species that have benefited from 30 years of conservation action. Journal of the Royal Society of New Zealand, 2019, 49, 281-300.	1.9	7
14	Kaitiakitanga, place and the urban restoration agenda. New Zealand Journal of Ecology, 2019, 43, .	1.1	16
15	Geostatistical interpolation can reliably extend coverage of a very highâ€resolution model of temperatureâ€dependent sex determination. Journal of Biogeography, 2018, 45, 652-663.	3.0	4
16	Thermoregulation of a temperate reptile in a forested habitat. Zoology, 2018, 127, 63-69.	1.2	6
17	Modelled incubation conditions indicate wider potential distributions based on thermal requirements for an oviparous lizard. Journal of Biogeography, 2018, 45, 1872-1883.	3.0	1
18	Behavioral variation in nesting phenology may offset sexâ€ratio bias in tuatara. Journal of Experimental Zoology Part A: Ecological and Integrative Physiology, 2018, 329, 373-381.	1.9	6

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19	The first recorded interaction between two species separated for centuries suggests they were ecological competitors. New Zealand Journal of Ecology, 2018, 43, .	1.1	1
20	Glucocorticoids in tuatara (Sphenodon punctatus): Some influential factors, and applications in conservation management. General and Comparative Endocrinology, 2017, 244, 54-59.	1.8	7
21	Cryptic inbreeding depression in a growing population of a longâ€lived species. Molecular Ecology, 2017, 26, 799-813.	3.9	30
22	Genomic Epidemiology and Management of Salmonella in Island Ecosystems Used for Takahe Conservation. Microbial Ecology, 2017, 74, 735-744.	2.8	4
23	Temperature selection by juvenile tuatara (Sphenodon punctatus) is not influenced by temperatures experienced as embryos. Journal of Thermal Biology, 2017, 69, 261-266.	2.5	2
24	Tracking a small cryptic amphibian with fluorescent powders. , 2017, 41, .		3
25	Can translocations to islands reduce extinction risk for reptiles? Case studies from New Zealand. Biological Conservation, 2016, 204, 120-127.	4.1	18
26	The effect of two glyphosate formulations on a small, diurnal lizard (Oligosoma polychroma). Ecotoxicology, 2016, 25, 548-554.	2.4	33
27	Microbial Genomics of a Host-Associated Commensal Bacterium in Fragmented Populations of Endangered Takahe. Microbial Ecology, 2016, 71, 1020-1029.	2.8	7
28	Lizard Conservation in Mainland Sanctuaries. , 2016, , 321-339.		10
29	Using a common commensal bacterium in endangered Takahe as a model to explore pathogen dynamics in isolated wildlife populations. Conservation Biology, 2015, 29, 1327-1336.	4.7	8
30	Is the breeding behaviour of nesting seabirds influenced by the presence of a predatory reptileâ€"the tuatara?. Journal of the Royal Society of New Zealand, 2015, 45, 21-30.	1.9	2
31	Moving house: long-term dynamics of corticosterone secretion are unaltered in translocated populations of a rare reptile (the tuatara,Sphenodon punctatus). , 2015, 3, cov014.		6
32	Presence of antibodies to Salmonella in tuatara (Sphenodon punctatus) sera. Comparative Immunology, Microbiology and Infectious Diseases, 2015, 41, 17-27.	1.6	7
33	Evaluating a multigene environmental DNA approach for biodiversity assessment. GigaScience, 2015, 4, 46.	6.4	122
34	New Zealand reptiles and their conservation. , 2014, , 382-404.		6
35	Forest geckos (Mokopirirakauâ€˜Southern North Islandâ€™) display diurno-nocturnal activity and are not reliant on retreats. New Zealand Journal of Zoology, 2014, 41, 103-113.	1.1	7
36	Investigating Kleptothermy: A Reptile-Seabird Association with Thermal Benefits. Physiological and Biochemical Zoology, 2014, 87, 216-221.	1.5	4

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37	Reptile Reservoirs and Seasonal Variation in the Environmental Presence ofSalmonellain an Island Ecosystem, Stephens Island, New Zealand. Journal of Wildlife Diseases, 2014, 50, 655-659.	0.8	17
38	Chick Timerâ„¢ software proves an accurate disturbance minimising tool for monitoring hatching success in little spotted kiwi (Apteryx owenii). New Zealand Journal of Zoology, 2014, 41, 139-146.	1.1	3
39	Breeding parameters of the Sooty Shearwater (Ardenna grisea) on Long Island, New Zealand. Emu, 2014, 114, 74-79.	0.6	4
40	Modulation of corticosterone secretion in tuatara (Sphenodon punctatus): Evidence of a dampened stress response in gravid females. General and Comparative Endocrinology, 2014, 201, 45-52.	1.8	16
41	Sex Ratio Bias and Extinction Risk in an Isolated Population of Tuatara (Sphenodon punctatus). PLoS ONE, 2014, 9, e94214.	2.5	58
42	A Threat to New Zealand's Tuatara Heats Up. American Scientist, 2014, 102, 350.	0.1	0
43	Patterns of Nesting Migrations in the Tuatara (Sphenodon punctatus), A Colonially Nesting Island Reptile. Herpetologica, 2013, 69, 282-290.	0.4	1
44	First detection ofChlamydia psittacifrom a wild native passerine bird in New Zealand. New Zealand Veterinary Journal, 2013, 61, 174-176.	0.9	9
45	Securing the Demographic and Genetic Future of Tuatara through Assisted Colonization. Conservation Biology, 2012, 26, 790-798.	4.7	33
46	De novo sequence assembly and characterisation of a partial transcriptome for an evolutionarily distinct reptile, the tuatara (Sphenodon punctatus). BMC Genomics, 2012, 13, 439.	2.8	36
47	Genetic structure and individual performance following a recent founding event in a small lizard. Conservation Genetics, 2011, 12, 461-473.	1.5	8
48	ECOLOGY AND DYNAMICS OF THE BLOOD PARASITE, HEPATOZOON TUATARAE (APICOMPLEXA), IN TUATARA (SPHENODON PUNCTATUS) ON STEPHENS ISLAND, NEW ZEALAND. Journal of Wildlife Diseases, 2011, 47, 126-139.	0.8	16
49	Unravelling causality from correlations: revealing the impacts of endemic ectoparasites on a protected species (tuatara). Parasitology, 2010, 137, 275-286.	1.5	14
50	Markâ€”Recapture Accurately Estimates Census for Tuatara, a Burrowing Reptile. Journal of Wildlife Management, 2010, 74, 897-901.	1.8	4
51	Social network structure and parasite infection patterns in a territorial reptile, the tuatara (Sphenodon punctatus). International Journal for Parasitology, 2010, 40, 1575-1585.	3.1	69
52	Nestâ€site choice and fidelity in tuatara on Stephens Island, New Zealand. Journal of Zoology, 2010, 280, 396-402.	1.7	18
53	Demographic effects of temperatureâ€dependent sex determination: will tuatara survive global warming?. Global Change Biology, 2010, 16, 60-72.	9.5	69
54	Do alternate escape tactics provide a means of compensation for impaired performance ability?. Biological Journal of the Linnean Society, 2010, 99, 241-249.	1.6	12

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55	Sexual dimorphism, body size, bite force and male mating success in tuatara. Biological Journal of the Linnean Society, 2010, 100, 287-292.	1.6	42
56	Effective partnerships between universities and indigenous communities: A case study in tuatara conservation in Aotearoa. Journal of the Royal Society of New Zealand, 2009, 39, 229-231.	1.9	4
57	Influence of major histocompatibility complex genotype on mating success in a free-ranging reptile population. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 1695-1704.	2.6	48
58	Discrimination of flicker frequency rates in the reptile tuatara (Sphenodon). Die Naturwissenschaften, 2009, 96, 415-419.	1.6	12
59	How do reproductive skew and founder group size affect genetic diversity in reintroduced populations?. Molecular Ecology, 2009, 18, 3792-3802.	3.9	67
60	Assessing genetic diversity for conservation management: a case study of a threatened reptile. Animal Conservation, 2009, 12, 163-171.	2.9	22
61	Large Male Advantage: Phenotypic and Genetic Correlates of Territoriality in Tuatara. Journal of Herpetology, 2009, 43, 570-578.	0.5	36
62	Does Nest-Guarding in Female Tuatara (Sphenodon punctatus) Reduce Nest Destruction by Conspecific Females?. Journal of Herpetology, 2009, 43, 294-299.	0.5	10
63	Implications of social dominance and multiple paternity for the genetic diversity of a captive-bred reptile population (tuatara). Conservation Genetics, 2008, 9, 1243-1251.	1.5	33
64	Seasonal and spatial dynamics of ectoparasite infestation of a threatened reptile, the tuatara (Sphenodon punctatus). Medical and Veterinary Entomology, 2008, 22, 374-385.	1.5	19
65	Fineâ€scale genetic structure of a longâ€lived reptile reflects recent habitat modification. Molecular Ecology, 2008, 17, 4630-4641.	3.9	41
66	Predicting the fate of a living fossil: how will global warming affect sex determination and hatching phenology in tuatara?. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 2185-2193.	2.6	171
67	Circadian emergence and movement of captive juvenile tuatara (Sphenodonspp.). New Zealand Journal of Zoology, 2008, 35, 205-216.	1.1	9
68	Failure to detectSalmonellaspecies in a population of wild tuatara (Sphenodon) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td (	0.9	13
69	CHEMICAL DISCRIMINATION OF FOOD, CONSPECIFICS AND PREDATORS BY APPARENTLY VISUALLY-ORIENTED DIURNAL GECKOS, NAULTINUS MANUKANUS. Herpetologica, 2007, 63, 184-192.	0.4	9
70	Waiting reveals waning weight: Monitoring over 54 years shows a decline in body condition of a long-lived reptile (tuatara, Sphenodon punctatus). Biological Conservation, 2007, 135, 181-188.	4.1	22
71	Avoiding aliens: Behavioural plasticity in habitat use enables large, nocturnal geckos to survive Pacific rat invasions. Biological Conservation, 2007, 136, 510-519.	4.1	55
72	Species and Cultural Conservation in New Zealand: Maori Traditional Ecological Knowledge of Tuatara. Conservation Biology, 2007, 21, 455-464.	4.7	34

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73	Effects of sampling date, gender, and tick burden on peripheral blood cells of captive and wild tuatara(Sphenodon punctatus). New Zealand Journal of Zoology, 2006, 33, 241-248.	1.1	5
74	Performance of Juvenile Tuatara Depends on Age, Clutch, and Incubation Regime. Journal of Herpetology, 2006, 40, 399-403.	0.5	13
75	Health screening for a translocation of captive-reared tuatara (Sphenodon punctatus) to an island refuge. New Zealand Veterinary Journal, 2006, 54, 344-349.	0.9	12
76	A circadian rhythm in oxygen consumption rate in juvenile tuatara(Sphenodon punctatus). New Zealand Journal of Zoology, 2006, 33, 185-188.	1.1	6
77	Support for a rare pattern of temperature-dependent sex determination in archaic reptiles: evidence from two species of tuatara (Sphenodon). Frontiers in Zoology, 2006, 3, 9.	2.0	69
78	Conservation implications of a long-term decline in body condition of the Brothers Island tuatara (Sphenodon guntheri). Animal Conservation, 2006, 9, 456-462.	2.9	32
79	T cell function in tuatara (Sphenodon punctatus). Comparative Immunology, Microbiology and Infectious Diseases, 2005, 28, 213-222.	1.6	19
80	News from the Australasian Section of the Society for Conservation Biology. Pacific Conservation Biology, 2005, 11, 79.	1.0	0
81	Egg mass determines hatchling size, and incubation temperature influences post-hatching growth, of tuatara Sphenodon punctatus. Journal of Zoology, 2004, 263, 77-87.	1.7	42
82	Do TSD, sex ratios, and nest characteristics influence the vulnerability of tuatara to global warming?. International Congress Series, 2004, 1275, 250-257.	0.2	47
83	Induction of oviposition produces smaller eggs in tuatara(Sphenodon punctatus). New Zealand Journal of Zoology, 2004, 31, 283-289.	1.1	8
84	Maleâ€biased sex ratio in a small tuatara population. Journal of Biogeography, 2002, 29, 633-640.	3.0	31
85	Establishing a New Wild Population of Tuatara (Sphenodon guntheri). Conservation Biology, 2002, 16, 887-894.	4.7	68
86	Seasonal monogamy and multiple paternity in a wild population of a territorial reptile (tuatara). Biological Journal of the Linnean Society, 0, 98, 161-170.	1.6	32
87	Thermal and physical characteristics of the nesting habitat of New Zealandâ€™s only endemic oviparous lizard. New Zealand Journal of Ecology, 0, , .	1.1	0