Ian G Jamieson

List of Publications by Year
in descending order

75 papers	3,269 citations	159585 30 h-index	168389 53 g-index
77 all docs	77 docs citations	77 times ranked	3471 citing authors

#	Article	IF	Citations
1	How does the 50/500 rule apply to MVPs?. Trends in Ecology and Evolution, 2012, 27, 578-584.	8.7	259
2	Dense sampling of bird diversity increases power of comparative genomics. Nature, 2020, 587, 252-257.	27.8	251
3	Disentangling the roles of natural selection and genetic drift in shaping variation at MHC immunity genes. Molecular Ecology, 2011, 20, 4408-4420.	3.9	170
4	Behavioral Heterochrony and the Evolution of Birds' Helping at the Nest: An Unselected Consequences of Communal Breeding?. American Naturalist, 1989, 133, 394-406.	2.1	148
5	Founder Effects, Inbreeding, and Loss of Genetic Diversity in Four Avian Reintroduction Programs. Conservation Biology, 2011, 25, 115-123.	4.7	117
6	The Functional Approach to Behavior: Is it Useful?. American Naturalist, 1986, 127, 195-208.	2.1	115
7	Inbreeding and Endangered Species Management: Is New Zealand Out of Step with the Rest of the World?. Conservation Biology, 2006, 20, 38-47.	4.7	96
8	Testing reproductive skew models in a communally breeding bird, the pukeko, Porphyrio porphyrio. Proceedings of the Royal Society B: Biological Sciences, 1997, 264, 335-340.	2.6	93
9	Incestuous Mating in a Communal Bird: A Family Affair. American Naturalist, 1988, 131, 58-70.	2.1	89
10	Episodic Positive Selection in the Evolution of Avian Toll-Like Receptor Innate Immunity Genes. PLoS ONE, 2014, 9, e89632.	2.5	86
11	Eggs in the nests of males and their effect on mate choice in the three-spined stickleback. Animal Behaviour, 1989, 38, 859-865.	1.9	83
12	Genetic drift outweighs natural selection at tollâ€like receptor (<i><scp>TLR</scp></i>) immunity loci in a reâ€introduced population of a threatened species. Molecular Ecology, 2013, 22, 4470-4482.	3.9	76
13	Why some species of birds do not avoid inbreeding: insights from New Zealand robins and saddlebacks. Behavioral Ecology, 2009, 20, 575-584.	2.2	70
14	Inbreeding Depression Accumulation across Lifeâ€History Stages of the Endangered Takahe. Conservation Biology, 2010, 24, 1617-1625.	4.7	67
15	Successful island reintroductions of New Zealand robins and saddlebacks with small numbers of founders. Animal Conservation, 2005, 8, 415-420.	2.9	66
16	Heterozygosityâ€“fitness correlations and their relevance to studies on inbreeding depression in threatened species. Molecular Ecology, 2008, 17, 3978-3984.	3.9	64
17	Variation at Innate Immunity Toll-Like Receptor Genes in a Bottlenecked Population of a New Zealand Robin. PLoS ONE, 2012, 7, e45011.	2.5	62
18	SEVERE INBREEDING DEPRESSION AND NO EVIDENCE OF PURGING IN AN EXTREMELY INBRED WILD SPECIES-THE CHATHAM ISLAND BLACK ROBIN. Evolution; International Journal of Organic Evolution, 2014, 68, 987-995.	2.3	59

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19	Critique of Helping Behavior in Birds: A Departure from Functional Explanations. , 1987, , 79-98.		56
20	Large mainland populations of South Island robins retain greater genetic diversity than offshore island refuges. Conservation Genetics, 2007, 8, 705-714.	1.5	56
21	No evidence for loss of genetic variation following sequential translocations in extant populations of a genetically depauperate species. Molecular Ecology, 2008, 17, 545-556.	3.9	52
22	Historic DNA reveals contemporary population structure results from anthropogenic effects, not pre-fragmentation patterns. Conservation Genetics, 2011, 12, 517-526.	1.5	51
23	The imprecision of heterozygosity-fitness correlations hinders the detection of inbreeding and inbreeding depression in a threatened species. Molecular Ecology, 2011, 20, 67-79.	3.9	48
24	Sex-Specific Consequences of Recent Inbreeding in an Ancestrally Inbred Population of New Zealand Takahe. Conservation Biology, 2003, 17, 708-716.	4.7	44
25	The distribution and current status of New Zealand Saddleback Philesturnus carunculatus. Bird Conservation International, 2003, 13, 79-95.	1.3	43
26	Quantifying and managing the loss of genetic variation in a free-ranging population of takahe through the use of pedigrees. Conservation Genetics, 2008, 9, 645-651.	1.5	43
27	Toll-like receptor diversity in 10 threatened bird species: relationship with microsatellite heterozygosity. Conservation Genetics, 2015, 16, 595-611.	1.5	42
28	Dominance and Mating in a Communal Polygynandrous Bird: Cooperation or Indifference towards Mating Competitors?. Ethology, 1987, 75, 317-327.	1.1	41
29	Increased egg infertility associated with translocating inbred takahe (Porphyrio hochstetteri) to island refuges in New Zealand. Biological Conservation, 2000, 94, 107-114.	4.1	37
30	Dye shift: a neglected source of genotyping error in molecular ecology. Molecular Ecology Resources, 2011, 11, 514-520.	4.8	36
31	High Rates of Conspecific Brood Parasitism and Egg Rejection in Coots and Moorhens in Ephemeral Wetlands in Namibia. Auk, 2000, 117, 250-255.	1.4	33
32	The relationship between presumed gamete contribution and parental investment in a communally breeding bird. Behavioral Ecology and Sociobiology, 1985, 17, 207-211.	1.4	31
33	Simulating Retention of Rare Alleles in Small Populations to Assess Management Options for Species with Different Life Histories. Conservation Biology, 2013, 27, 335-344.	4.7	31
34	Combining genetic data to identify relatedness among founders in a genetically depauperate parrot, the Kakapo (Strigops habroptilus). Conservation Genetics, 2014, 15, 1013-1020.	1.5	30
35	New Approaches Toward a Better Understanding of the Decline of Takahe (Porphyrio mantelli) in New Zealand. Conservation Biology, 1995, 9, 100-106.	4.7	28
36	Survival and Recruitment of Captive-Reared and Wild-Reared Takahe in Fiordland, New Zealand. Sobrevivencia y Reclutamineto del Takahe Obtenido en Cautiverio y en Condiciones Silvestres en Fiordland, Nueva Zelanda. Conservation Biology, 1997, 11, 683-691.	4.7	28

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37	Metapopulation dynamics of a flightless alpine insect Hemideina maori in a naturally fragmented habitat. Ecological Entomology, 2002, 27, 574-580.	2.2	28
38	European Colonization, Not Polynesian Arrival, Impacted Population Size and Genetic Diversity in the Critically Endangered New Zealand KÄkÄpÅ. Journal of Heredity, 2016, 107, 593-602.	2.4	27
39	Low genetic diversity and small population size of Takahe <i>Porphyrio hochstetteri</i> on European arrival in New Zealand. Ibis, 2011, 153, 384-394.	1.9	25
40	MHC variation reflects the bottleneck histories of <scp>N</scp>ew <scp>Z</scp>ealand passerines. Molecular Ecology, 2015, 24, 362-373.	3.9	25
41	Unexpected positive and negative effects of continuing inbreeding in one of the world's most inbred wild animals. Evolution; International Journal of Organic Evolution, 2016, 70, 154-166.	2.3	25
42	Variation in size of male weaponry in a haremâ€defence polygynous insect, the mountain stone weta<i>Hemideina maori</i>(Orthoptera: Anostostomatidae). New Zealand Journal of Zoology, 2001, 28, 109-117.	1.1	24
43	Spatial Patterns of Yearling Male Blue Grouse and Their Relation to Recruitment into the Breeding Population. Auk, 1983, 100, 653-657.	1.4	22
44	Characterization of MHC class II B polymorphism in bottlenecked New Zealand saddlebacks reveals low levels of genetic diversity. Immunogenetics, 2013, 65, 619-633.	2.4	21
45	Genetic monogamy in two longâ€lived New Zealand passerines. Journal of Avian Biology, 2008, 39, 579-583.	1.2	20
46	What precipitates influxes of wetland birds to ephemeral pans in arid landscapes? Observations from Namibia. Ostrich, 1999, 70, 145-148.	1.1	19
47	Primers for amplification of innate immunity toll-like receptor loci in threatened birds of the Apterygiformes, Gruiformes, Psittaciformes and Passeriformes. Conservation Genetics Resources, 2013, 5, 1043-1047.	0.8	18
48	INBREEDING INFLUENCES WITHIN-BROOD HETEROZYGOSITY-FITNESS CORRELATIONS (HFCS) IN AN ISOLATED PASSERINE POPULATION. Evolution; International Journal of Organic Evolution, 2013, 67, 2299-2308.	2.3	16
49	Mating system and genetic variation in the endangered New Zealand takahe. Conservation Genetics, 2002, 3, 427-434.	1.5	15
50	Isolation and characterization of microsatellite loci from the endangered New Zealand takahe (Gruiformes; Rallidae; <i>Porphyrio hochstetteri</i>). Molecular Ecology Resources, 2008, 8, 884-886.	4.8	14
51	Limited inbreeding depression in a bottlenecked population is age but not environment dependent. Journal of Avian Biology, 2010, 41, 645-652.	1.2	13
52	Tolerance of female co-breeders in joint-laying pukeko: the role of egg recognition and peace incentives. Animal Behaviour, 2012, 83, 1035-1041.	1.9	13
53	Reciprocal translocation of small numbers of inbred individuals rescues immunogenetic diversity. Molecular Ecology, 2017, 26, 2660-2673.	3.9	13
54	Responses to a Model Predator of New Zealand's Endangered Takahe and Its Closest Relative, the Pukeko. Conservation Biology, 1996, 10, 1463-1466.	4.7	12

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55	The relationship between male head size and harem size in the sexually dimorphic mountain stone weta Hemideina maori. Ecological Entomology, 2002, 27, 41-48.	2.2	11
56	Reproductive skew and female trait elaboration in a cooperatively breeding rail. Ibis, 2012, 154, 452-460.	1.9	11
57	Problems with Removal Experiments Designed to Test the Relationship between Paternity and Parental Effort in a Socially Polyandrous Bird. Auk, 1997, 114, 291-295.	1.4	10
58	Factors affecting the survival of founding individuals in translocated New Zealand Saddlebacks Philesturnus carunculatus. Ibis, 2007, 149, 783-791.	1.9	10
59	Rat-wise robins quickly lose fear of rats when introduced to a rat-free island. Animal Behaviour, 2012, 84, 225-229.	1.9	10
60	A school of red herring: reply to Frankham et al.. Trends in Ecology and Evolution, 2013, 28, 188-189.	8.7	10
61	Immediate and long-term effects of translocations on breeding success in Takahe Porphyrio hochstetteri. Bird Conservation International, 2003, 13, 299-306.	1.3	9
62	No evidence that dietary nutrient deficiency is related to poor reproductive success of translocated takahe. Biological Conservation, 2004, 115, 165-170.	4.1	9
63	Detecting sperm on the perivitelline membrane of incubated turkey eggs and its implications for research on fertility problems in endangered species. Wildlife Research, 2000, 27, 635.	1.4	8
64	Comparison of beak and feather disease virus prevalence and immunity-associated genetic diversity over time in an island population of red-crowned parakeets. Archives of Virology, 2016, 161, 811-820.	2.1	8
65	Provisioning Behaviour in a Communal Breeder: an Epigenetic Approach To the Study of Individual Variation in Behaviour. Behaviour, 1988, 104, 262-280.	0.8	7
66	Use of Bayesian population viability analysis to assess multiple management decisions in the recovery programme for the Endangered takahe <i>Porphyrio hochstetteri</i>. Oryx, 2013, 47, 144-152.	1.0	7
67	Isolation and characterisation of microsatellite markers from the South Island robin (Petroica) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	0.8	6
68	Evidence for multiple MHC class II Î² loci in New Zealandâ€™s critically endangered kakapo, Strigops habroptilus. Immunogenetics, 2014, 66, 115-121.	2.4	6
69	The evolution of conspicuous coloration in male three-spined sticklebacks: Contradictory results and conflicting studies. Ecoscience, 1994, 1, 281-284.	1.4	5
70	Phylogenetic relationships of the genus Mohoua, endemic hosts of New Zealandâ€™s obligate brood parasitic Long-tailed Cuckoo (Eudynamys taitensis). Journal of Ornithology, 2013, 154, 1127-1133.	1.1	5
71	Low genetic and morphological differentiation between an introduced population of dunnocks in New Zealand and an ancestral population in England. Biological Invasions, 2013, 15, 185-197.	2.4	5
72	Incubation by young, nonbreeding birds: potential versus realization of behaviour. Canadian Journal of Zoology, 1987, 65, 2567-2570.	1.0	3

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73	Primers for the amplification of major histocompatibility complex class I and II loci in the recovering red-crowned parakeet. Conservation Genetics Resources, 2014, 6, 37-39.	0.8	3
74	Delayed Breeding in Yearling Male Grouse: An Evaluation of Two Hypotheses. Condor, 1987, 89, 182.	1.6	1
75	Microsatellite primers for the red-crowned parakeet (Cyanoramphus novaezelandiae). Conservation Genetics Resources, 2015, 7, 419-421.	0.8	1