Doug Armstrong

List of Publications by Year
in descending order

69 papers	5,196 citations	218677 26 h-index	110387 64 g-index
86 all docs	86 docs citations	86 times ranked	4760 citing authors

#	Article	IF	Citations
1	Developing the Science of Reintroduction Biology. Conservation Biology, 2007, 21, 303-312.	4.7	888
2	Directions in reintroduction biology. Trends in Ecology and Evolution, 2008, 23, 20-25.	8.7	790
3	Reversing defaunation: Restoring species in a changing world. Science, 2014, 345, 406-412.	12.6	500
4	Invasive mammal eradication on islands results in substantial conservation gains. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 4033-4038.	7.1	365
5	When do we need more data? A primer on calculating the value of information for applied ecologists. Methods in Ecology and Evolution, 2015, 6, 1219-1228.	5.2	146
6	Using adaptive management to determine requirements of re-introduced populations: the case of the New Zealand hihi. Journal of Applied Ecology, 2007, 44, 953-962.	4.0	124
7	Standards for documenting and monitoring bird reintroduction projects. Conservation Letters, 2010, 3, 229-235.	5.7	115
8	Is Reintroduction Biology an Effective Applied Science?. Trends in Ecology and Evolution, 2017, 32, 873-880.	8.7	111
9	Cost distance modelling of landscape connectivity and gap-crossing ability using radio-tracking data. Journal of Applied Ecology, 2010, 47, 603-610.	4.0	89
10	Integrating the Metapopulation and Habitat Paradigms for Understanding Broad-Scale Declines of Species. Conservation Biology, 2005, 19, 1402-1410.	4.7	83
11	Population dynamics of reintroduced forest birds on New Zealand islands. Journal of Biogeography, 2002, 29, 609-621.	3.0	82
12	Mortality and behaviour of hihi, an endangered New Zealand honeyeater, in the establishment phase following translocation. Biological Conservation, 1999, 89, 329-339.	4.1	79
13	Demographics of reintroduced populations: Estimation, modeling, and decision analysis. Journal of Wildlife Management, 2013, 77, 1081-1093.	1.8	72
14	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
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	Dynamics and Viability of a New Zealand Robin Population Reintroduced to Regenerating Fragmented Habitat. Conservation Biology, 2002, 16, 1074-1085.	4.7	63
17	Density-dependent population growth in a reintroduced population of North Island saddlebacks. Journal of Animal Ecology, 2005, 74, 160-170.	2.8	61
18	Adaptive Harvesting of Source Populations for Translocation: a Case Study with New Zealand Robins. Conservation Biology, 2007, 21, 114-124.	4.7	60

#	Article	IF	Citations
19	Importance of lethal control of invasive predators for island conservation. Conservation Biology, 2016, 30, 670-672.	4.7	44
20	Adaptive management for improving species conservation across the captive-wild spectrum. Biological Conservation, 2016, 199, 123-131.	4.1	42
21	Incorporating Allee effects into reintroduction strategies. Ecological Research, 2011, 26, 687-695.	1.5	41
22	Social and Sexual Monogamy in Translocated New Zealand Robin Populations Detected Using Minisatellite DNA. Auk, 1997, 114, 120-126.	1.4	40
23	Using Bayesian mark-recapture modelling to quantify the strength and duration of post-release effects in reintroduced populations. Biological Conservation, 2017, 215, 39-45.	4.1	33
24	An Experiment Testing whether Condition and Survival are Limited by Food Supply in a Reintroduced Hihi Population. Conservation Biology, 2000, 14, 1171-1181.	4.7	32
25	Estimating the Viability of a Reintroduced New Zealand Robin Population as a Function of Predator Control. Journal of Wildlife Management, 2006, 70, 1020-1027.	1.8	32
26	A Tale of Two Islands: The Rescue and Recovery of Endemic Birds in New Zealand and Mauritius. , 2012, , 33-72.		32
27	Effect of Extra-Pair Paternity on Effective Population Size in a Reintroduced Population of the Endangered Hihi, and Potential for Behavioural Management. Conservation Genetics, 2004, 5, 381-393.	1.5	28
28	Modeling Vital Rates of a Reintroduced New Zealand Robin Population as a Function of Predator Control. Journal of Wildlife Management, 2006, 70, 1028-1036.	1.8	28
29	Not so soft? Delayed release reduces long-term survival in a passerine reintroduction. Oryx, 2015, 49, 535-541.	1.0	28
30	The Effect of Male Incubation Feeding, Food and Temperature on the Incubation Behaviour of New Zealand Robins. Ethology, 2010, 116, 490-497.	1.1	27
31	Unusual sexual behaviour in the Stitchbird (or Hihi) Notiomystis cincta. Ibis, 2002, 144, 530-531.	1.9	26
32	Application of hierarchical biphasic growth models to long-term data for snapping turtles. Ecological Modelling, 2013, 250, 119-125.	2.5	25
33	EDITOR'S CHOICE: Saving the hihi under climate change: a case for assisted colonization. Journal of Applied Ecology, 2013, 50, 1330-1340.	4.0	24
34	Parasite management in translocations: lessons from a threatened New Zealand bird. Oryx, 2012, 46, 446-456.	1.0	23
35	Subtle individual variation in indeterminate growth leads to major variation in survival and lifetime reproductive output in a longâ€lived reptile. Functional Ecology, 2018, 32, 752-761.	3.6	23
36	The importance of integrating landscape ecology in habitat models: isolation-driven occurrence of north island robins in a fragmented landscape. Landscape Ecology, 2010, 25, 1363-1374.	4.2	19

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37	An Integrated Approach for Predicting Fates of Reintroductions with Demographic Data from Multiple Populations. Conservation Biology, 2012, 26, 97-106.	4.7	19
38	Estimating Ages of Turtles from Growth Data. Chelonian Conservation and Biology, 2014, 13, 9.	0.6	18
39	Links between personality, early natal nutrition and survival of a threatened bird. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20190373.	4.0	18
40	Consequences Matter: Compassion in Conservation Means Caring for Individuals, Populations and Species. Animals, 2019, 9, 1115.	2.3	18
41	Facultative prioritization of wing growth in the Welcome Swallow Hirundo neoxena. Ibis, 2002, 144, 470-477.	1.9	15
42	Postâ€release effects on reintroduced populations of hihi. Journal of Wildlife Management, 2016, 80, 970-977.	1.8	15
43	Predation by New Zealand sea lions and Brown Skuas is causing the continued decline of an Eastern Rockhopper Penguin colony on Campbell Island. Polar Biology, 2017, 40, 735-751.	1.2	15
44	Discriminating the Drivers of Edge Effects on Nest Predation: Forest Edges Reduce Capture Rates of Ship Rats (Rattus rattus), a Globally Invasive Nest Predator, by Altering Vegetation Structure. PLoS ONE, 2014, 9, e113098.	2.5	14
45	Traits influencing range contraction in New Zealandâ€™s endemic forest birds. Oecologia, 2015, 179, 319-328.	2.0	14
46	Strategic Rat Control for Restoring Populations of Native Species in Forest Fragments. Conservation Biology, 2014, 28, 713-723.	4.7	13
47	Survival rates of oil-rehabilitated and non-rehabilitated little penguins after the C/V Rena oil spill, New Zealand. Marine Pollution Bulletin, 2019, 146, 317-325.	5.0	12
48	Using prior data to improve models for reintroduced populations: A case study with North Island Saddlebacks. Journal of Wildlife Management, 2013, 77, 1114-1123.	1.8	10
49	Focal and Surrogate Species: Getting the Language Right. Conservation Biology, 2002, 16, 285-286.	4.7	9
50	Making structured decisions for reintroduced populations in the face of uncertainty. Conservation Science and Practice, 2019, 1, e90.	2.0	8
51	Population responses of a native bird species to rat control. Journal of Wildlife Management, 2017, 81, 342-346.	1.8	6
52	Predicting reintroduction outcomes for highly vulnerable species that do not currently coexist with their key threats. Conservation Biology, 2018, 32, 1346-1355.	4.7	6
53	A model of seasonal variation in somatic growth rates applied to two temperate turtle species. Ecological Modelling, 2021, 443, 109454.	2.5	6
54	A modelling framework for integrating reproduction, survival and count data when projecting the fates of threatened populations. Oecologia, 2021, 195, 627-640.	2.0	6

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55	Bayesian Hierarchical Models for Inference About Population Growth. , 2009, , 3-17.		5
56	Predicting harvest impact and establishment success when translocating highly mobile and endangered species. Journal of Applied Ecology, 2022, 59, 2071-2083.	4.0	5
57	Using longâ€term data for a reintroduced population to empirically estimate future consequences of inbreeding. Conservation Biology, 2021, 35, 859-869.	4.7	4
58	Preparing for translocations of a Critically Endangered petrel through targeted monitoring of nest survival and breeding biology. Oryx, 0, , 1-9.	1.0	4
59	The role of pine plantations in source-sink dynamics of North Island robins. New Zealand Journal of Ecology, 2019, 43, .	1.1	4
60	Territorial Behaviour of Breeding White-Cheeked and New Holland Honeyeaters: Conspicuous Behaviour Does Not Reflect Aggressiveness. Emu, 1996, 96, 1-11.	0.6	3
61	Modelling variation in calling rates to develop a reliable monitoring method for the Australasian Bittern Botaurus poiciloptilus. Ibis, 2019, 161, 260-271.	1.9	3
62	Distinguishing effects of juvenile mortality and dispersal on recruitment. Journal of Wildlife Management, 2019, 83, 1744-1752.	1.8	3
63	Using experimental reintroductions to resolve the roles of habitat quality and metapopulation dynamics on patch occupancy in fragmented landscapes. Conservation Biology, 2021, , .	4.7	3
64	Use of distance sampling to measure long-term changes in bird densities in a fenced wildlife sanctuary. New Zealand Journal of Ecology, 2019, 43, .	1.1	3
65	Making inferences from the reintroduction literature: a response to Bajomi et al.. Oryx, 2011, 45, 18-18.	1.0	2
66	Twenty years on: changes in lizard encounter rates following eradication of rats from KÄpiti Island. New Zealand Journal of Ecology, 0, , .	1.1	2
67	Capturing the dynamics of small populations: A retrospective assessment using longâ€term data for an island reintroduction. Journal of Animal Ecology, 2021, 90, 2915-2927.	2.8	2
68	Improved methods for reducing translocation mortality and obtaining reliable population projections for reintroduction of the New Zealand Rifleman Acanthisitta chloris. Bird Conservation International, 2019, 29, 542-557.	1.3	1
69	Incorporating individual variation in survival, reproduction and detection rates when projecting dynamics of small populations. Ecological Modelling, 2021, 455, 109647.	2.5	1