Darryl I Mackenzie

List of Publications by Year
in descending order

54 papers	9,745 citations	257450 24 h-index	345221 36 g-index
58 all docs	58 docs citations	58 times ranked	6708 citing authors

#	Article	IF	Citations
1	Landscape patterns in the occupancy of jaguars (Panthera onca) and their primary prey species in a disturbed region of the Selva Maya in Mexico. Mammalia, 2022, 86, 483-496.	0.7	2
2	A note on investigating coâ€occurrence patterns and dynamics for many species, with imperfect detection and a logâ€linear modeling parameterization. Ecology and Evolution, 2021, 11, 8507-8515.	1.9	3
3	Fringe effects: detecting bull trout (Salvelinus confluentus) at distributional boundaries in a montane watershed. Canadian Journal of Fisheries and Aquatic Sciences, 2021, 78, 1030-1044.	1.4	3
4	Mapping the ghost: Estimating probabilistic snow leopard distribution across Mongolia. Diversity and Distributions, 2021, 27, 2441-2453.	4.1	9
5	Coâ€occurrence of bobcats, coyotes, and ocelots in Texas. Ecology and Evolution, 2020, 10, 4903-4917.	1.9	21
6	Implementation of an occupancy-based monitoring protocol for a widespread and cryptic species, the New England cottontail (Sylvilagus transitionalis). Wildlife Research, 2019, 46, 222.	1.4	5
7	Occupancy Applications. , 2018, , 27-70.		5
8	Fundamental Principals of Statistical Inference. , 2018, , 71-111.		9
9	Basic Presence/Absence Situation. , 2018, , 115-215.		4
10	Beyond Two Occupancy States. , 2018, , 217-241.		0
11	Extensions to Basic Approaches. , 2018, , 243-311.		3
12	Modeling Heterogeneous Detection Probabilities. , 2018, , 313-338.		0
13	Basic Presence/Absence Situation. , 2018, , 341-375.		2
14	More than Two Occupancy States. , 2018, , 377-397.		2
15	Design of Single-Season Occupancy Studies. , 2018, , 439-476.		4
16	Multiple-Season Study Design. , 2018, , 477-486.		0
17	Integrated Modeling of Habitat and Occupancy Dynamics. , 2018, , 489-508.		2
18	Species Co-Occurrence. , 2018, , 509-556.		113

#	Article	IF	Citations
19	Occupancy in Community-Level Studies. , 2018, , 557-583.		7
20	Graphical diagnostics for occupancy models with imperfect detection. Methods in Ecology and Evolution, 2017, 8, 408-419.	5.2	46
21	Modelâ€based approaches to deal with detectability: a comment on Hutto (2016a). Ecological Applications, 2017, 27, 1694-1698.	3.8	10
22	Soil phosphorus predicts feral pig (Sus scrofa) occupancy, detection probability and feeding activity in a temperate montane rainforest. Wildlife Research, 2016, 43, 277.	1.4	4
23	Accounting for Lack of Independence and Partial Overlap of Observation Zones in Line-Transect Mark-Recapture Distance Sampling. Journal of Agricultural, Biological, and Environmental Statistics, 2016, 21, 41-57.	1.4	3
24	Solar Radiation Determines Site Occupancy of Coexisting Tropical and Temperate Deer Species Introduced to New Zealand Forests. PLoS ONE, 2015, 10, e0128924.	2.5	7
25	Ignoring Imperfect Detection in Biological Surveys Is Dangerous: A Response to â€˜Fitting and Interpreting Occupancy Models'. PLoS ONE, 2014, 9, e99571.	2.5	142
26	Advances and applications of occupancy models. Methods in Ecology and Evolution, 2014, 5, 1269-1279.	5.2	176
27	Spatial Patterns of Breeding Success of Grizzly Bears Derived from Hierarchical Multistate Models. Conservation Biology, 2014, 28, 1249-1259.	4.7	25
28	An integrated model of habitat and species occurrence dynamics. Methods in Ecology and Evolution, 2011, 2, 612-622.	5.2	42
29	Monitoring carnivore populations at the landscape scale: occupancy modelling of tigers from sign surveys. Journal of Applied Ecology, 2011, 48, 1048-1056.	4.0	209
30	Predicting Life-History Traits for Female NewÂZealand Sea Lions, Phocarctos hookeri: Integrating Short-Term Mark-Recapture DataÂand Population Modeling. Journal of Agricultural, Biological, and Environmental Statistics, 2010, 15, 259-278.	1.4	28
31	Seeking a second opinion: uncertainty in disease ecology. Ecology Letters, 2010, 13, 659-674.	6.4	172
32	Simultaneous modeling of habitat suitability, occupancy, and relative abundance: African elephants in Zimbabwe. Ecological Applications, 2010, 20, 1173-1182.	3.8	55
33	Flexible hierarchical mark-recapture modeling for open populations using WinBUGS. Environmental and Ecological Statistics, 2009, 16, 369-387.	3.5	54
34	Getting the biggest bang for our conservation buck. Trends in Ecology and Evolution, 2009, 24, 175-177.	8.7	13
35	Modeling species occurrence dynamics with multiple states and imperfect detection. Ecology, 2009, 90, 823-835.	3.2	230
36	OCCUPANCY ESTIMATION AND MODELING WITH MULTIPLE STATES AND STATE UNCERTAINTY. Ecology, 2007, 88, 1395-1400.	3.2	162

#	Article	IF	Citations
37	SAMPLING DESIGN TRADE-OFFS IN OCCUPANCY STUDIES WITH IMPERFECT DETECTION: EXAMPLES AND SOFTWARE. , 2007, 17, 281-290.		190
38	Continuous monitoring of predator control operations at landscape scale. Ecological Management and Restoration, 2007, 8, 133-139.	1.5	11
39	Modeling the Probability of Resource Use: The Effect of, and Dealing with, Detecting a Species Imperfectly. Journal of Wildlife Management, 2006, 70, 367-374.	1.8	251
40	WAS IT THERE? DEALING WITH IMPERFECT DETECTION FOR SPECIES PRESENCE/ABSENCE DATA+. Australian and New Zealand Journal of Statistics, 2005, 47, 65-74.	0.9	102
41	Designing occupancy studies: general advice and allocating survey effort. Journal of Applied Ecology, 2005, 42, 1105-1114.	4.0	1,001
42	WHAT ARE THE ISSUES WITH PRESENCEâ€“ABSENCE DATA FOR WILDLIFE MANAGERS?. Journal of Wildlife Management, 2005, 69, 849-860.	1.8	339
43	IMPROVING INFERENCES IN POPULATION STUDIES OF RARE SPECIES THAT ARE DETECTED IMPERFECTLY. Ecology, 2005, 86, 1101-1113.	3.2	328
44	Investigating species co-occurrence patterns when species are detected imperfectly. Journal of Animal Ecology, 2004, 73, 546-555.	2.8	357
45	Assessing the fit of site-occupancy models. Journal of Agricultural, Biological, and Environmental Statistics, 2004, 9, 300-318.	1.4	650
46	ESTIMATING SITE OCCUPANCY, COLONIZATION, AND LOCAL EXTINCTION WHEN A SPECIES IS DETECTED IMPERFECTLY. Ecology, 2003, 84, 2200-2207.	3.2	1,274
47	ESTIMATING SITE OCCUPANCY RATES WHEN DETECTION PROBABILITIES ARE LESS THAN ONE. Ecology, 2002, 83, 2248-2255.	3.2	3,271
48	HOW SHOULD DETECTION PROBABILITY BE INCORPORATED INTO ESTIMATES OF RELATIVE ABUNDANCE?. Ecology, 2002, 83, 2387-2393.	3.2	194
49	The use of photographic rates to estimate densities of tigers and other cryptic mammals: a comment on misleading conclusions. Animal Conservation, 2002, 5, 119-120.	2.9	121
50	ESTIMATING SITE OCCUPANCY RATES WHEN DETECTION PROBABILITIES ARE LESS THAN ONE. , 2002, 83, 2248.		1
51	Randomization tests for time effects and heterogeneity in capture probabilities for closed populations. Journal of Agricultural, Biological, and Environmental Statistics, 2001, 6, 292-301.	1.4	1
52	Negative Binomial Models for Abundance Estimation of Multiple Closed Populations. Journal of Wildlife Management, 2001, 65, 498.	1.8	24
53	A cumulative sum type of method for environmental monitoring. Environmetrics, 2000, 11, 151-166.	1.4	46
54	Acoustic monitoring and occupancy analysis: cost-effective tools in reintroduction programmes for roroa-great spotted kiwi. New Zealand Journal of Ecology, 0, , .	1.1	4