

Olivier Gimenez

List of Publications by Year in descending order

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Version: 2024-02-01

175
papers

7,600
citations

50276

46
h-index

74163

75
g-index

191
all docs

191
docs citations

191
times ranked

7569
citing authors

#	ARTICLE	IF	CITATIONS
1	Uâ€CARE: Utilities for performing goodness of fit tests and manipulating CAPtureâ€REcapture data. <i>Ecography</i> , 2009, 32, 1071-1074.	4.5	624
2	REVIEW: Predictive ecology in a changing world. <i>Journal of Applied Ecology</i> , 2015, 52, 1293-1310.	4.0	237
3	A Proposal for a Goodness-of-Fit Test to the Arnason-Schwarz Multisite Capture-Recapture Model. <i>Biometrics</i> , 2003, 59, 43-53.	1.4	227
4	Use of Integrated Modeling to Enhance Estimates of Population Dynamics Obtained from Limited Data. <i>Conservation Biology</i> , 2007, 21, 945-955.	4.7	183
5	An assessment of integrated population models: bias, accuracy, and violation of the assumption of independence. <i>Ecology</i> , 2010, 91, 7-14.	3.2	165
6	ESTIMATING SURVIVAL AND TEMPORARY EMIGRATION IN THE MULTISTATE CAPTUREâ€RECAPTURE FRAMEWORK. <i>Ecology</i> , 2004, 85, 2107-2113.	3.2	163
7	State-space modelling of data on marked individuals. <i>Ecological Modelling</i> , 2007, 206, 431-438.	2.5	157
8	Comparing parentâ€offspring regression with frequentist and Bayesian animal models to estimate heritability in wild populations: a simulation study for Gaussian and binary traits. <i>Methods in Ecology and Evolution</i> , 2013, 4, 260-275.	5.2	139
9	Estimation of immigration rate using integrated population models. <i>Journal of Applied Ecology</i> , 2010, 47, 393-400.	4.0	134
10	Comparative analyses of longevity and senescence reveal variable survival benefits of living in zoos across mammals. <i>Scientific Reports</i> , 2016, 6, 36361.	3.3	134
11	Influence of harvesting pressure on demographic tactics: implications for wildlife management. <i>Journal of Applied Ecology</i> , 2011, 48, 835-843.	4.0	131
12	Large-scale climatic anomalies affect marine predator foraging behaviour and demography. <i>Nature Communications</i> , 2015, 6, 8220.	12.8	117
13	To breed or not to breed: a seabird's response to extreme climatic events. <i>Biology Letters</i> , 2011, 7, 303-306.	2.3	109
14	Uncovering ecological state dynamics with hidden Markov models. <i>Ecology Letters</i> , 2020, 23, 1878-1903.	6.4	106
15	Individual heterogeneity in studies on marked animals using numerical integration: captureâ€recapture mixed models. <i>Ecology</i> , 2010, 91, 951-957.	3.2	105
16	Importance of Accounting for Detection Heterogeneity When Estimating Abundance: the Case of French Wolves. <i>Conservation Biology</i> , 2010, 24, 621-626.	4.7	104
17	Strategies for fitting nonlinear ecological models in <code>R</code> , <code>AD Model</code> <code>builder</code> , and <code>BUGS</code> . <i>Methods in Ecology and Evolution</i> , 2013, 4, 501-512.	5.2	104
18	Massive immigration balances high anthropogenic mortality in a stable eagle owl population: Lessons for conservation. <i>Biological Conservation</i> , 2010, 143, 1911-1918.	4.1	101

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19	Wildlife in a Politically Divided World: Insularism Inflates Estimates of Brown Bear Abundance. <i>Conservation Letters</i> , 2016, 9, 122-130.	5.7	100
20	Complex decisions made simple: a primer on stochastic dynamic programming. <i>Methods in Ecology and Evolution</i> , 2013, 4, 872-884.	5.2	98
21	The Risk of Flawed Inference in Evolutionary Studies When Detectability Is Less than One. <i>American Naturalist</i> , 2008, 172, 441-448.	2.1	93
22	Bayesian Analysis for Population Ecology. , 0, , .		92
23	Parameter Redundancy in Multistate Capture-Recapture Models. <i>Biometrical Journal</i> , 2003, 45, 704-722.	1.0	85
24	Demographic variation and population viability in a threatened Himalayan medicinal and aromatic herb <i>Nardostachys grandiflora</i> : matrix modelling of harvesting effects in two contrasting habitats. <i>Journal of Applied Ecology</i> , 2008, 45, 41-51.	4.0	84
25	Individual heterogeneity and capture-recapture models: what, why and how?. <i>Oikos</i> , 2018, 127, 664-686.	2.7	84
26	Detecting and estimating density dependence in wildlife populations. <i>Journal of Wildlife Management</i> , 2013, 77, 12-23.	1.8	83
27	REVIEW: Identifying links between vital rates and environment: a toolbox for the applied ecologist. <i>Journal of Applied Ecology</i> , 2014, 51, 71-81.	4.0	75
28	HIGH HUNTING PRESSURE SELECTS FOR EARLIER BIRTH DATE: WILD BOAR AS A CASE STUDY. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 3100-3112.	2.3	74
29	Delivering the promises of trait-based approaches to the needs of demographic approaches, and vice versa. <i>Functional Ecology</i> , 2018, 32, 1424-1435.	3.6	74
30	Estimating demographic parameters using hidden process dynamic models. <i>Theoretical Population Biology</i> , 2012, 82, 307-316.	1.1	73
31	R2ucare: An R package to perform goodness-of-fit tests for capture-recapture models. <i>Methods in Ecology and Evolution</i> , 2018, 9, 1749-1754.	5.2	71
32	Does sexual selection shape sex differences in longevity and senescence patterns across vertebrates? A review and new insights from captive ruminants. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 3123-3140.	2.3	70
33	Estimating and forecasting spatial population dynamics of apex predators using transnational genetic monitoring. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 30531-30538.	7.1	70
34	When can we ignore the problem of imperfect detection in comparative studies?. <i>Methods in Ecology and Evolution</i> , 2012, 3, 188-194.	5.2	69
35	Content analysis of newspaper coverage of wolf recolonization in France using structural topic modeling. <i>Biological Conservation</i> , 2018, 220, 254-261.	4.1	69
36	Nest boxes: A successful management tool for the conservation of an endangered seabird. <i>Biological Conservation</i> , 2012, 155, 39-43.	4.1	68

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37	Capture-recapture models with heterogeneity to study survival senescence in the wild. <i>Oikos</i> , 2010, 119, 524-532.	2.7	67
38	Quantifying the impact of longline fisheries on adult survival in the black-footed albatross. <i>Journal of Applied Ecology</i> , 2007, 44, 942-952.	4.0	66
39	Age at the onset of senescence in birds and mammals is predicted by early-life performance. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 2849-2856.	2.6	66
40	Evidence of a large carnivore population recovery: Counting bears in Greece. <i>Journal for Nature Conservation</i> , 2015, 27, 10-17.	1.8	64
41	Influence of Life-History Tactics on Transient Dynamics: A Comparative Analysis across Mammalian Populations. <i>American Naturalist</i> , 2014, 184, 673-683.	2.1	58
42	Looking for a needle in a haystack: inference about individual fitness components in a heterogeneous population. <i>Oikos</i> , 2013, 122, 739-753.	2.7	54
43	Abundance of rare and elusive species: Empirical investigation of closed versus spatially explicit capture-recapture models with lynx as a case study. <i>Journal of Wildlife Management</i> , 2013, 77, 372-378.	1.8	54
44	Making use of harvest information to examine alternative management scenarios: a body weight-structured model for wild boar. <i>Journal of Applied Ecology</i> , 2012, 49, 833-841.	4.0	53
45	Assessing whether mortality is additive using marked animals: a Bayesian state-space modeling approach. <i>Ecology</i> , 2010, 91, 1916-1923.	3.2	51
46	Spatial variation in public attitudes towards brown bears in the French Pyrenees. <i>Biological Conservation</i> , 2016, 197, 90-97.	4.1	51
47	Integrated population modeling reveals the impact of climate on the survival of juvenile emperor penguins. <i>Global Change Biology</i> , 2017, 23, 1353-1359.	9.5	49
48	Dampening prey cycle overrides the impact of climate change on predator population dynamics: a long-term demographic study on tawny owls. <i>Global Change Biology</i> , 2014, 20, 1770-1781.	9.5	48
49	Weak Identifiability in Models for Mark-Recapture-Recovery Data. , 2009, , 1055-1067.		48
50	Challenging conservation of migratory species: Sahelian rainfalls drive first-year survival of the vulnerable Lesser Kestrel <i>Falco naumanni</i> . <i>Biological Conservation</i> , 2010, 143, 839-847.	4.1	47
51	Age-specific cost of first reproduction in female southern elephant seals. <i>Biology Letters</i> , 2014, 10, 20140264.	2.3	47
52	WinBUGS for Population Ecologists: Bayesian Modeling Using Markov Chain Monte Carlo Methods. , 2009, , 883-915.		44
53	The impact of introduced predators, light-induced mortality of fledglings and poaching on the dynamics of the Cory's shearwater (<i>Calonectris diomedea</i>) population from the Azores, northeastern subtropical Atlantic. <i>Biological Conservation</i> , 2011, 144, 1998-2011.	4.1	44
54	NONPARAMETRIC ESTIMATION OF NATURAL SELECTION ON A QUANTITATIVE TRAIT USING MARK-RECAPTURE DATA. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 460-466.	2.3	43

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55	Estimating dispersal among numerous sites using capture–recapture data. <i>Ecology</i> , 2014, 95, 2316-2323.	3.2	43
56	Estimating the strength of density dependence in the presence of observation errors using integrated population models. <i>Ecological Modelling</i> , 2012, 242, 1-9.	2.5	42
57	An improved procedure to estimate wolf abundance using non-invasive genetic sampling and capture–recapture mixture models. <i>Conservation Genetics</i> , 2012, 13, 53-64.	1.5	41
58	mmSAR: an R–package for multimodel species–area relationship inference. <i>Ecography</i> , 2010, 33, 420-424.	4.5	40
59	Statistical ecology comes of age. <i>Biology Letters</i> , 2014, 10, 20140698.	2.3	40
60	Bias in estimation of adult survival and asymptotic population growth rate caused by undetected capture heterogeneity. <i>Methods in Ecology and Evolution</i> , 2012, 3, 206-216.	5.2	38
61	Evidence of reduced individual heterogeneity in adult survival of long-lived species. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 2909-2914.	2.3	38
62	A hierarchical distance sampling approach to estimating mortality rates from opportunistic carcass surveillance data. <i>Methods in Ecology and Evolution</i> , 2013, 4, 361-369.	5.2	37
63	Mapping and explaining wolf recolonization in France using dynamic occupancy models and opportunistic data. <i>Ecography</i> , 2018, 41, 647-660.	4.5	37
64	Multi-scale foraging variability in Northern gannet (<i>Morus bassanus</i>) fuels potential foraging plasticity. <i>Marine Biology</i> , 2012, 159, 2743.	1.5	36
65	Population closure and the bias–precision trade–off in spatial capture–recapture. <i>Methods in Ecology and Evolution</i> , 2019, 10, 661-672.	5.2	36
66	Now you see him, now you don't: experience, not age, is related to reproduction in kittiwakes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 3060-3066.	2.6	35
67	Optimizing lifetime reproductive output: Intermittent breeding as a tactic for females in a long-lived, multiparous mammal. <i>Journal of Animal Ecology</i> , 2018, 87, 199-211.	2.8	35
68	Population regulation of territorial species: both site dependence and interference mechanisms matter. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 2173-2181.	2.6	34
69	Disentangling the effects of climate, density dependence, and harvest on an iconic large herbivore's population dynamics. <i>Ecological Applications</i> , 2015, 25, 956-967.	3.8	33
70	A Robust Design Capture-Recapture Analysis of Abundance, Survival and Temporary Emigration of Three Odontocete Species in the Gulf of Corinth, Greece. <i>PLoS ONE</i> , 2016, 11, e0166650.	2.5	33
71	Do age-specific survival patterns of wild boar fit current evolutionary theories of senescence?. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 3636-3643.	2.3	32
72	ASSESSING ADAPTIVE PHENOTYPIC PLASTICITY BY MEANS OF CONDITIONAL STRATEGIES FROM EMPIRICAL DATA: THE LATENT ENVIRONMENTAL THRESHOLD MODEL. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 996-1009.	2.3	30

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73	Assessing survival in a multi-population system: a case study on bat populations. <i>Oecologia</i> , 2011, 165, 925-933.	2.0	29
74	Comparing survival among species with imperfect detection using multilevel analysis of mark-recapture data: a case study on bats. <i>Ecography</i> , 2012, 35, 153-161.	4.5	29
75	An index of risk of co-occurrence between marine mammals and watercraft: Example of the Florida manatee. <i>Biological Conservation</i> , 2013, 159, 127-136.	4.1	29
76	Unravelling the Scientific Debate on How to Address Wolf-Dog Hybridization in Europe. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	2.2	29
77	Identifying uncertainties in scenarios and models of socio-ecological systems in support of decision-making. <i>One Earth</i> , 2021, 4, 967-985.	6.8	29
78	Determinants and costs of natal dispersal in a lekking species. <i>Oikos</i> , 2012, 121, 804-812.	2.7	28
79	Assessing individual heterogeneity using model selection criteria: how many mixture components in capture-recapture models?. <i>Methods in Ecology and Evolution</i> , 2012, 3, 564-573.	5.2	28
80	Estimation of sex-specific survival with uncertainty in sex assessment. <i>Canadian Journal of Statistics</i> , 2008, 36, 29-42.	0.9	27
81	Fluctuating food resources influence developmental plasticity in wild boar. <i>Biology Letters</i> , 2013, 9, 20130419.	2.3	27
82	Social status mediates the fitness costs of infection with canine distemper virus in Serengeti spotted hyenas. <i>Functional Ecology</i> , 2018, 32, 1237-1250.	3.6	27
83	ESTIMATING AND VISUALIZING FITNESS SURFACES USING MARK-RECAPTURE DATA. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 3097-3105.	2.3	26
84	Estimation of sensitivity and specificity of five serological tests for the diagnosis of porcine brucellosis. <i>Preventive Veterinary Medicine</i> , 2012, 104, 94-100.	1.9	26
85	Meteorological conditions influence short-term survival and dispersal in a reinforced bird population. <i>Journal of Applied Ecology</i> , 2014, 51, 1494-1503.	4.0	26
86	INVESTIGATING EVOLUTIONARY TRADE-OFFS IN WILD POPULATIONS OF ATLANTIC SALMON (SALMO SALAR): INCORPORATING DETECTION PROBABILITIES AND INDIVIDUAL HETEROGENEITY. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, 2629-2642.	2.3	24
87	Capture-recapture population growth rate as a robust tool against detection heterogeneity for population management. , 2011, 21, 2898-2907.		24
88	Metapopulation Dynamics of Species with Cryptic Life Stages. <i>American Naturalist</i> , 2013, 181, 479-491.	2.1	24
89	Sharing data improves monitoring of transboundary populations: the case of wolverines in central Scandinavia. <i>Wildlife Biology</i> , 2016, 22, 95-106.	1.4	24
90	Efficient profile-likelihood confidence intervals for capture-recapture models. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2005, 10, 184-196.	1.4	23

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91	Nonparametric spatial regression of survival probability: visualization of population sinks in Eurasian Woodcock. <i>Ecology</i> , 2011, 92, 1672-1679.	3.2	23
92	Improving abundance estimation by combining capture–recapture and occupancy data: example with a large carnivore. <i>Journal of Applied Ecology</i> , 2014, 51, 1733-1739.	4.0	23
93	Understanding the paradox of deer persisting at high abundance in heavily browsed habitats. <i>Wildlife Biology</i> , 2014, 20, 122-135.	1.4	23
94	Waterbird demography as indicator of wetland health: The French-wintering common snipe population. <i>Biological Conservation</i> , 2013, 164, 123-128.	4.1	22
95	The relationship between phenotypic variation among offspring and mother body mass in wild boar: evidence of coin-flipping?. <i>Journal of Animal Ecology</i> , 2013, 82, 937-945.	2.8	22
96	Fitting occupancy models with E-SURGE: hidden Markov modelling of presence–absence data. <i>Methods in Ecology and Evolution</i> , 2014, 5, 592-597.	5.2	22
97	Group size, survival and surprisingly short lifespan in socially foraging bats. <i>BMC Ecology</i> , 2016, 16, 2.	3.0	22
98	Assessing brown trout (<i>Salmo trutta</i>) spawning movements with multistate capture–recapture models: a case study in a fully controlled Belgian brook. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2012, 69, 1091-1104.	1.4	21
99	Known unknowns in an imperfect world: incorporating uncertainty in recruitment estimates using multi-event capture–recapture models. <i>Ecology and Evolution</i> , 2013, 3, 4658-4668.	1.9	21
100	Traits determining the digestibility–decomposability relationships in species from Mediterranean rangelands. <i>Annals of Botany</i> , 2018, 121, 459-469.	2.9	21
101	Longitudinal survey of two serotine bat (<i>Eptesicus serotinus</i>) maternity colonies exposed to EBLV-1 (European Bat Lyssavirus type 1): Assessment of survival and serological status variations using capture–recapture models. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0006048.	3.0	21
102	Methods for studying cause-specific senescence in the wild. <i>Methods in Ecology and Evolution</i> , 2014, 5, 924-933.	5.2	20
103	Fishery discards do not compensate natural prey shortage in Northern gannets from the English Channel. <i>Biological Conservation</i> , 2019, 236, 375-384.	4.1	20
104	Exploring causal pathways in demographic parameter variation: path analysis of mark–recapture data. <i>Methods in Ecology and Evolution</i> , 2012, 3, 427-432.	5.2	19
105	Escape migration decisions in Eurasian Woodcocks: insights from survival analyses using large-scale recovery data. <i>Behavioral Ecology and Sociobiology</i> , 2011, 65, 1949-1955.	1.4	18
106	Testing hypotheses in evolutionary ecology with imperfect detection: capture–recapture structural equation modeling. <i>Ecology</i> , 2012, 93, 248-255.	3.2	18
107	Spatial density estimates of Eurasian lynx (<i>Lynx lynx</i>) in the French Jura and Vosges Mountains. <i>Ecology and Evolution</i> , 2019, 9, 11707-11715.	1.9	18
108	How many cubs can a mum nurse? Maternal age and size influence litter size in polar bears. <i>Biology Letters</i> , 2019, 15, 20190070.	2.3	17

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109	Frailty in state-space models: application to actuarial senescence in the Dipper. <i>Ecology</i> , 2011, 92, 562-567.	3.2	16
110	Distribution of Affiliative Behavior Across Kin Classes and Their Fitness Consequences in Mandrills. <i>Ethology</i> , 2012, 118, 1198-1207.	1.1	16
111	Assessment of individual and conspecific reproductive success as determinants of breeding dispersal of female tree swallows: A capture–recapture approach. <i>Ecology and Evolution</i> , 2017, 7, 7334-7346.	1.9	16
112	Accounting for misidentification and heterogeneity in occupancy studies using hidden Markov models. <i>Ecological Modelling</i> , 2018, 387, 61-69.	2.5	16
113	Integrating multiple data sources to fit matrix population models for interacting species. <i>Ecological Modelling</i> , 2019, 411, 108713.	2.5	16
114	Next-generation serology: integrating cross-sectional and capture–recapture approaches to infer disease dynamics. <i>Ecology</i> , 2020, 101, e02923.	3.2	16
115	A mechanistic–statistical species distribution model to explain and forecast wolf (<i>Canis lupus</i>) colonization in South-Eastern France. <i>Spatial Statistics</i> , 2020, 36, 100428.	1.9	16
116	Hunting impact on the population dynamics of Pyrenean grey partridge <i>Perdix perdix hispaniensis</i> . <i>Wildlife Biology</i> , 2010, 16, 135-143.	1.4	15
117	Estimating demographic parameters from capture–recapture data with dependence among individuals within clusters. <i>Methods in Ecology and Evolution</i> , 2013, 4, 474-482.	5.2	15
118	Combining multiple data sources in species distribution models while accounting for spatial dependence and overfitting with combined penalized likelihood maximization. <i>Methods in Ecology and Evolution</i> , 2019, 10, 2118-2128.	5.2	15
119	Inferring animal social networks with imperfect detection. <i>Ecological Modelling</i> , 2019, 401, 69-74.	2.5	15
120	Climate Driven Life Histories: The Case of the Mediterranean Storm Petrel. <i>PLoS ONE</i> , 2014, 9, e94526.	2.5	15
121	A new method for estimating animal abundance with two sources of data in capture–recapture studies. <i>Methods in Ecology and Evolution</i> , 2011, 2, 390-400.	5.2	14
122	Short-term response to the North Atlantic Oscillation but no long-term effects of climate change on the reproductive success of an alpine bird. <i>Journal of Ornithology</i> , 2011, 152, 631-641.	1.1	14
123	Spatial heterogeneity in mortality and its impact on the population dynamics of Eurasian woodcocks. <i>Population Ecology</i> , 2012, 54, 305-312.	1.2	14
124	Estimating individual fitness in the wild using capture–recapture data. <i>Population Ecology</i> , 2018, 60, 101-109.	1.2	14
125	Estimating abundance with interruptions in data collection using open population spatial capture–recapture models. <i>Ecosphere</i> , 2020, 11, e03172.	2.2	14
126	Inferring wildlife poaching in southeast Asia with multispecies dynamic occupancy models. <i>Ecography</i> , 2020, 43, 239-250.	4.5	14

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127	Transience in the humpback whale population of New Caledonia and implications for abundance estimation. <i>Marine Mammal Science</i> , 2013, 29, 669-678.	1.8	13
128	Reducing matrix population models with application to social animal species. <i>Ecological Modelling</i> , 2012, 232, 91-96.	2.5	13
129	Designing cost-effective capture-recapture surveys for improving the monitoring of survival in bird populations. <i>Biological Conservation</i> , 2017, 214, 233-241.	4.1	13
130	Failure to coordinate management in transboundary populations hinders the achievement of national management goals: The case of wolverines in Scandinavia. <i>Journal of Applied Ecology</i> , 2019, 56, 1905-1915.	4.0	13
131	Determinants and patterns of habitat use by the brown bear <i>Ursus arctos</i> in the French Pyrenees revealed by occupancy modelling. <i>Oryx</i> , 2019, 53, 334-343.	1.0	13
132	Does your species have memory? Analyzing capture-recapture data with memory models. <i>Ecology and Evolution</i> , 2014, 4, 2124-2133.	1.9	12
133	Importance of accounting for phylogenetic dependence in multi-species mark-recapture studies. <i>Ecological Modelling</i> , 2014, 273, 236-241.	2.5	12
134	Linking demographic responses and life history tactics from longitudinal data in mammals. <i>Oikos</i> , 2016, 125, 395-404.	2.7	12
135	Efficient use of harvest data: a size-class structured integrated population model for exploited populations. <i>Ecography</i> , 2021, 44, 1296-1310.	4.5	12
136	Accounting for Sampling Error When Inferring Population Synchrony from Time-Series Data: A Bayesian State-Space Modelling Approach with Applications. <i>PLoS ONE</i> , 2014, 9, e87084.	2.5	12
137	Wild-captive interactions and economics drive dynamics of Asian elephants in Laos. <i>Scientific Reports</i> , 2017, 7, 14800.	3.3	11
138	Capture-recapture abundance and survival estimates of three cetacean species in Icelandic coastal waters using trained scientist-volunteers. <i>Journal of Sea Research</i> , 2018, 131, 22-31.	1.6	11
139	Accounting for heterogeneity when estimating stopover duration, timing and population size of red knots along the Luannan Coast of Bohai Bay, China. <i>Ecology and Evolution</i> , 2019, 9, 6176-6188.	1.9	11
140	Multispecies integrated population model reveals bottom-up dynamics in a seabird predator-prey system. <i>Ecological Monographs</i> , 2021, 91, e01459.	5.4	11
141	Factors determining survival of European eels in two unexploited sub-populations. <i>Freshwater Biology</i> , 2016, 61, 947-962.	2.4	10
142	Bayesian non-parametric detection heterogeneity in ecological models. <i>Environmental and Ecological Statistics</i> , 2021, 28, 355-381.	3.5	10
143	Discussion: Towards a bayesian analysis template?. <i>Canadian Journal of Statistics</i> , 2008, 36, 21-28.	0.9	9
144	Robustness of Eco-Epidemiological Capture-Recapture Parameter Estimates to Variation in Infection State Uncertainty. <i>Frontiers in Veterinary Science</i> , 2018, 5, 197.	2.2	9

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145	Use of ambiguous detections to improve estimates from species distribution models. <i>Conservation Biology</i> , 2019, 33, 185-195.	4.7	9
146	Use of hidden Markov capture-recapture models to estimate abundance in the presence of uncertainty: Application to the estimation of prevalence of hybrids in animal populations. <i>Ecology and Evolution</i> , 2019, 9, 744-755.	1.9	9
147	The Efficient Semiparametric Regression Modeling of Capture-Recapture Data: Assessing the Impact of Climate on Survival of Two Antarctic Seabird Species. , 2009, , 43-58.		9
148	How can quantitative ecology be attractive to young scientists? Balancing computer/desk work with fieldwork. <i>Animal Conservation</i> , 2013, 16, 134-136.	2.9	8
149	Males do not senesce faster in large herbivores with highly seasonal rut. <i>Experimental Gerontology</i> , 2014, 60, 167-172.	2.8	8
150	General conclusion to the special issue Moving forward on individual heterogeneity. <i>Oikos</i> , 2018, 127, 750-756.	2.7	8
151	Assessing the dynamics of hybridization through a matrix modelling approach. <i>Ecological Modelling</i> , 2020, 431, 109120.	2.5	8
152	Common dolphins in the Gulf of Corinth are Critically Endangered. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2021, 31, 101-109.	2.0	8
153	Nonparametric estimation of natural selection on a quantitative trait using mark-recapture data. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 460-6.	2.3	8
154	Evaluation of five serological tests for the diagnosis of porcine brucellosis in French Polynesia. <i>Tropical Animal Health and Production</i> , 2013, 45, 931-933.	1.4	7
155	Slow recovery from a disease epidemic in the spotted hyena, a keystone social carnivore. <i>Communications Biology</i> , 2018, 1, 201.	4.4	7
156	Fitting stochastic predator-prey models using both population density and kill rate data. <i>Theoretical Population Biology</i> , 2021, 138, 1-27.	1.1	7
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