

# Paul M Lukacs

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

71  
papers

1,584  
citations

22  
h-index

37  
g-index

74  
ext. papers

2,014  
ext. citations

2.8  
avg, IF

4.84  
L-index

#	Paper	IF	Citations
71	Review of capture-recapture methods applicable to noninvasive genetic sampling. <i>Molecular Ecology</i> , <b>2005</b> , 14, 3909-19	5.7	164
70	Machine learning to classify animal species in camera trap images: Applications in ecology. <i>Methods in Ecology and Evolution</i> , <b>2019</b> , 10, 585-590	7.7	130
69	RESEARCH NOTES: ESTIMATING POPULATION SIZE FROM DNA-BASED CLOSED CAPTURE-RECAPTURE DATA INCORPORATING GENOTYPING ERROR. <i>Journal of Wildlife Management</i> , <b>2005</b> , 69, 396-403	1.9	105
68	Relative influence of human harvest, carnivores, and weather on adult female elk survival across western North America. <i>Journal of Applied Ecology</i> , <b>2013</b> , 50, 295-305	5.8	60
67	Effects of recent decreases in arctic sea ice on an ice-associated marine bird. <i>Progress in Oceanography</i> , <b>2015</b> , 136, 151-161	3.8	54
66	Snowshoe hares display limited phenotypic plasticity to mismatch in seasonal camouflage. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2014</b> , 281, 20140029	4.4	54
65	Effects of Radiomarking on Prairie Falcons: Attachment Failures Provide Insights About Survival. <i>Wildlife Society Bulletin</i> , <b>2006</b> , 34, 116-126	1.4	54
64	Sampling scales define occupancy and underlying occupancy-abundance relationships in animals. <i>Ecology</i> , <b>2018</b> , 99, 172-183	4.6	52
63	Epidemic pasteurellosis in a bighorn sheep population coinciding with the appearance of a domestic sheep. <i>Journal of Wildlife Diseases</i> , <b>2008</b> , 44, 388-403	1.3	52
62	Noninvasive Estimation of Black Bear Abundance Incorporating Genotyping Errors and Harvested Bear. <i>Journal of Wildlife Management</i> , <b>2007</b> , 71, 2684-2693	1.9	49
61	Hierarchical multi-scale occupancy estimation for monitoring wildlife populations. <i>Journal of Wildlife Management</i> , <b>2012</b> , 76, 154-162	1.9	48
60	Camera-based occupancy monitoring at large scales: Power to detect trends in grizzly bears across the Canadian Rockies. <i>Biological Conservation</i> , <b>2016</b> , 201, 192-200	6.2	47
59	Evaluating the Canada lynx reintroduction programme in Colorado: patterns in mortality. <i>Journal of Applied Ecology</i> , <b>2010</b> , 47, 524-531	5.8	46
58	Three novel methods to estimate abundance of unmarked animals using remote cameras. <i>Ecosphere</i> , <b>2018</b> , 9, e02331	3.1	44
57	Estimating large carnivore populations at global scale based on spatial predictions of density and distribution - Application to the jaguar ( <i>Panthera onca</i> ). <i>PLoS ONE</i> , <b>2018</b> , 13, e0194719	3.7	43
56	A statistically rigorous sampling design to integrate avian monitoring and management within Bird Conservation Regions. <i>PLoS ONE</i> , <b>2017</b> , 12, e0185924	3.7	29
55	Ecological traits and the spatial structure of competitive coexistence among carnivores. <i>Ecology</i> , <b>2020</b> , 101, e03059	4.6	28

54	Estimating Survival Probabilities of Unmarked Dependent Young When Detection is Imperfect. <i>Condor</i> , <b>2004</b> , 106, 926-931	2.1	28
53	Assessing the importance of demographic parameters for population dynamics using Bayesian integrated population modeling. <i>Ecological Applications</i> , <b>2017</b> , 27, 1280-1293	4.9	26
52	Examining Temporal Sample Scale and Model Choice with Spatial Capture-Recapture Models in the Common Leopard <i>Panthera pardus</i> . <i>PLoS ONE</i> , <b>2015</b> , 10, e0140757	3.7	22
51	Separating Components of Variation in Survival of Mule Deer in Colorado. <i>Journal of Wildlife Management</i> , <b>2009</b> , 73, 817-826	1.9	22
50	Body Mass and Winter Severity as Predictors of Overwinter Survival in Preble Meadow Jumping Mouse. <i>Journal of Mammalogy</i> , <b>2009</b> , 90, 17-24	1.8	22
49	Estimating occupancy using spatially and temporally replicated snow surveys. <i>Animal Conservation</i> , <b>2015</b> , 18, 92-101	3.2	20
48	Barriers Impede Upstream Spawning Migration of Flathead Chub. <i>Transactions of the American Fisheries Society</i> , <b>2014</b> , 143, 17-25	1.7	19
47	The Montana deer and Elk hunting population: The importance of cohort group, license price, and population demographics on hunter retention, recruitment, and population change. <i>Journal of Wildlife Management</i> , <b>2014</b> , 78, 944-952	1.9	18
46	Improved analysis of lek count data using N-mixture models. <i>Journal of Wildlife Management</i> , <b>2016</b> , 80, 1011-1021	1.9	18
45	Factors influencing elk recruitment across ecotypes in the Western United States. <i>Journal of Wildlife Management</i> , <b>2018</b> , 82, 698-710	1.9	17
44	Evaluating sources of censoring and truncation in telemetry-based survival data. <i>Journal of Wildlife Management</i> , <b>2016</b> , 80, 138-148	1.9	17
43	Understanding abundance patterns of a declining seabird: implications for monitoring <b>2007</b> , 17, 2164-74		16
42	Estimating Sonoran pronghorn abundance and survival with fecal DNA and capture-recapture methods. <i>Conservation Biology</i> , <b>2016</b> , 30, 1102-11	6	16
41	Modeling risk of pneumonia epizootics in bighorn sheep. <i>Journal of Wildlife Management</i> , <b>2015</b> , 79, 195-210		15
40	Regional-scale models for predicting overwinter survival of juvenile ungulates. <i>Journal of Wildlife Management</i> , <b>2017</b> , 81, 364-378	1.9	14
39	Increased flexibility for modeling telemetry and nest-survival data using the multistate framework. <i>Journal of Wildlife Management</i> , <b>2014</b> , 78, 224-230	1.9	14
38	Extending utility of hierarchical models to multi-scale habitat selection. <i>Diversity and Distributions</i> , <b>2017</b> , 23, 783-793	5	13
37	Effects of elk density on elk aggregation patterns and exposure to brucellosis. <i>Journal of Wildlife Management</i> , <b>2015</b> , 79, 373-383	1.9	13

36	Estimating Sample Size for Landscape-Scale Mark-Recapture Studies of North American Migratory Tree Bats. <i>Acta Chiropterologica</i> , <b>2014</b> , 16, 231-239	1	13
35	Biological and socio-economic effects of statewide limitation of deer licenses in Colorado. <i>Journal of Wildlife Management</i> , <b>2011</b> , 75, 1443-1452	1.9	13
34	Behavioral connectivity among bighorn sheep suggests potential for disease spread. <i>Journal of Wildlife Management</i> , <b>2017</b> , 81, 38-45	1.9	12
33	A generalized integrated population model to estimate greater sage-grouse population dynamics. <i>Ecosphere</i> , <b>2016</b> , 7, e01585	3.1	11
32	Select tissue mineral concentrations and chronic wasting disease status in mule deer from North-central Colorado. <i>Journal of Wildlife Diseases</i> , <b>2010</b> , 46, 1029-34	1.3	11
31	Genetic MarkRecapture Improves Estimates of Maternity Colony Size for Indiana Bats. <i>Journal of Fish and Wildlife Management</i> , <b>2018</b> , 9, 25-35	0.7	10
30	Estimating densities for sympatric kit foxes ( <i>Vulpes macrotis</i> ) and coyotes ( <i>Canis latrans</i> ) using noninvasive genetic sampling. <i>Canadian Journal of Zoology</i> , <b>2018</b> , 96, 1080-1089	1.5	9
29	Estimating Abundance of an Unmarked, Low-Density Species using Cameras. <i>Journal of Wildlife Management</i> , <b>2021</b> , 85, 87-96	1.9	9
28	Subsampling Hair Samples Affects Accuracy and Precision of DNA-Based Population Estimates. <i>Journal of Wildlife Management</i> , <b>2009</b> , 73, 1184-1188	1.9	8
27	Monitoring Low Density Avian Populations: An Example Using Mountain Plovers. <i>Condor</i> , <b>2006</b> , 108, 700-706	2.06	8
26	Multi-state markRecapture model to estimate survival of a dispersed-nesting seabird, the Kittlitz's Murrelet. <i>Journal of Wildlife Management</i> , <b>2015</b> , 79, 20-30	1.9	7
25	MONITORING LOW DENSITY AVIAN POPULATIONS: AN EXAMPLE USING MOUNTAIN PLOVERS. <i>Condor</i> , <b>2006</b> , 108, 700	2.1	7
24	Factors affecting whale detection from large ships in Alaska with implications for whale avoidance. <i>Endangered Species Research</i> , <b>2016</b> , 30, 209-223	2.5	7
23	Evaluating cost-efficiency and accuracy of hunter harvest survey designs. <i>Wildlife Society Bulletin</i> , <b>2011</b> , 35, 430-437	1.4	6
22	A large-scale perspective for managing prairie avifauna assemblages across the western US: influences of habitat, land ownership and latitude. <i>PeerJ</i> , <b>2017</b> , 5, e2879	3.1	6
21	Extending the Robust Design for DNA-Based CaptureRecapture Data Incorporating Genotyping Error and Laboratory Data <b>2009</b> , 711-726		5
20	Climate change and expanding invasive species drive widespread declines of native trout in the northern Rocky Mountains, USA.. <i>Science Advances</i> , <b>2021</b> , 7, eabj5471	14.3	5
19	Wolverine Occupancy, Spatial Distribution, and Monitoring Design. <i>Journal of Wildlife Management</i> , <b>2020</b> , 84, 841-851	1.9	4

18	Simulating effects of fitness and dispersal on the use of Trojan sex chromosomes for the management of invasive species. <i>Journal of Applied Ecology</i> , <b>2020</b> , 57, 1413-1425	5.8	4
17	Customized software to streamline routine analyses for wildlife management. <i>Wildlife Society Bulletin</i> , <b>2018</b> , 42, 144-149	1.4	4
16	Sex ratios of Mountain Plovers from egg production to fledging. <i>Avian Conservation and Ecology</i> , <b>2015</b> , 10,	1.5	4
15	Reproductive performance of Kittlitz's Murrelet in a glaciated landscape, Icy Bay, Alaska, USA. <i>Condor</i> , <b>2015</b> , 117, 237-248	2.1	3
14	Testing factors influencing identification rates of similar species during abundance surveys. <i>Condor</i> , <b>2015</b> , 117, 460-472	2.1	3
13	Development and Analysis of Joint Internet Telephone Hunter Surveys. <i>Human Dimensions of Wildlife</i> , <b>2007</b> , 12, 263-273	1.6	3
12	Environmental variability directly affects the prevalence of divorce in monogamous albatrosses. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2021</b> , 288, 20212112	4.4	3
11	Demographic responses to environmental change of the black-browed albatross, sentinel of the Patagonian Shelf Large Marine Ecosystem. <i>Marine Ecology - Progress Series</i> , <b>2021</b> , 668, 107-120	2.6	3
10	Comparing performance of multiple non-invasive genetic capture-recapture methods for abundance estimation: a case study with the Sonoran pronghorn <i>Antilocapra americana sonoriensis</i> . <i>Oryx</i> , <b>2020</b> , 54, 412-420	1.5	3
9	Attributes of seasonal home range influence choice of migratory strategy in white-tailed deer. <i>Journal of Mammalogy</i> , <b>2018</b> , 99, 89-96	1.8	2
8	Integrating counts, telemetry, and non-invasive DNA data to improve demographic monitoring of an endangered species. <i>Ecosphere</i> , <b>2021</b> , 12, e03443	3.1	2
7	Stable pack abundance and distribution in a harvested wolf population. <i>Journal of Wildlife Management</i> , <b>2019</b> , 83, 577-590	1.9	2
6	Assessing the robustness of time-to-event models for estimating unmarked wildlife abundance using remote cameras. <i>Ecological Applications</i> , <b>2021</b> , 31, e02388	4.9	2
5	Long-Term Trends in Abundance and Size of Sport Fishes in the Flathead River, Montana, Following Changes in Hydroelectric Dam Operations. <i>Northwest Science</i> , <b>2018</b> , 92, 92-106	0.8	1
4	A novel sampling approach to estimating abundance of low-density and observable species. <i>Ecosphere</i> , <b>2021</b> , 12, e03815	3.1	1
3	Moose calf detection probabilities: quantification and evaluation of a ground-based survey technique. <i>Wildlife Biology</i> , <b>2020</b> , 2020, 1	1.7	1
2	Evaluation of management factors affecting the relative success of a brook trout eradication program using YY male fish and electrofishing suppression. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , <b>2021</b> , 78, 1109-1119	2.4	1
1	spaceNtime: an R package for estimating abundance of unmarked animals using camera-trap photographs. <i>Mammalian Biology</i> , 1	1.6	0

