

Paul M Lukacs

List of Publications by Year in Descending Order

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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	Environmental variability directly affects the prevalence of divorce in monogamous albatrosses. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021 , 288, 20212112	4.4	3
70	A novel sampling approach to estimating abundance of low-density and observable species. <i>Ecosphere</i> , 2021 , 12, e03815	3.1	1
69	Integrating counts, telemetry, and non-invasive DNA data to improve demographic monitoring of an endangered species. <i>Ecosphere</i> , 2021 , 12, e03443	3.1	2
68	Demographic responses to environmental change of the black-browed albatross, sentinel of the Patagonian Shelf Large Marine Ecosystem. <i>Marine Ecology - Progress Series</i> , 2021 , 668, 107-120	2.6	3
67	Estimating Abundance of an Unmarked, Low-Density Species using Cameras. <i>Journal of Wildlife Management</i> , 2021 , 85, 87-96	1.9	9
66	Assessing the robustness of time-to-event models for estimating unmarked wildlife abundance using remote cameras. <i>Ecological Applications</i> , 2021 , 31, e02388	4.9	2
65	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> , 2021 , 78, 1109-1119	2.4	1
64	Climate change and expanding invasive species drive widespread declines of native trout in the northern Rocky Mountains, USA.. <i>Science Advances</i> , 2021 , 7, eabj5471	14.3	5
63	Wolverine Occupancy, Spatial Distribution, and Monitoring Design. <i>Journal of Wildlife Management</i> , 2020 , 84, 841-851	1.9	4
62	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> , 2020 , 57, 1413-1425	5.8	4
61	Ecological traits and the spatial structure of competitive coexistence among carnivores. <i>Ecology</i> , 2020 , 101, e03059	4.6	28
60	Moose calf detection probabilities: quantification and evaluation of a ground-based survey technique. <i>Wildlife Biology</i> , 2020 , 2020, 1	1.7	1
59	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> , 2020 , 54, 412-420	1.5	3
58	Stable pack abundance and distribution in a harvested wolf population. <i>Journal of Wildlife Management</i> , 2019 , 83, 577-590	1.9	2
57	Machine learning to classify animal species in camera trap images: Applications in ecology. <i>Methods in Ecology and Evolution</i> , 2019 , 10, 585-590	7.7	130
56	Factors influencing elk recruitment across ecotypes in the Western United States. <i>Journal of Wildlife Management</i> , 2018 , 82, 698-710	1.9	17
55	Customized software to streamline routine analyses for wildlife management. <i>Wildlife Society Bulletin</i> , 2018 , 42, 144-149	1.4	4

54	Attributes of seasonal home range influence choice of migratory strategy in white-tailed deer. <i>Journal of Mammalogy</i> , 2018 , 99, 89-96	1.8	2
53	Sampling scales define occupancy and underlying occupancy-abundance relationships in animals. <i>Ecology</i> , 2018 , 99, 172-183	4.6	52
52	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> , 2018 , 92, 92-106	0.8	1
51	Three novel methods to estimate abundance of unmarked animals using remote cameras. <i>Ecosphere</i> , 2018 , 9, e02331	3.1	44
50	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> , 2018 , 96, 1080-1089	1.5	9
49	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> , 2018 , 13, e0194719	3.7	43
48	Genetic MarkRecapture Improves Estimates of Maternity Colony Size for Indiana Bats. <i>Journal of Fish and Wildlife Management</i> , 2018 , 9, 25-35	0.7	10
47	Regional-scale models for predicting overwinter survival of juvenile ungulates. <i>Journal of Wildlife Management</i> , 2017 , 81, 364-378	1.9	14
46	Assessing the importance of demographic parameters for population dynamics using Bayesian integrated population modeling. <i>Ecological Applications</i> , 2017 , 27, 1280-1293	4.9	26
45	Extending utility of hierarchical models to multi-scale habitat selection. <i>Diversity and Distributions</i> , 2017 , 23, 783-793	5	13
44	Behavioral connectivity among bighorn sheep suggests potential for disease spread. <i>Journal of Wildlife Management</i> , 2017 , 81, 38-45	1.9	12
43	A statistically rigorous sampling design to integrate avian monitoring and management within Bird Conservation Regions. <i>PLoS ONE</i> , 2017 , 12, e0185924	3.7	29
42	A large-scale perspective for managing prairie avifauna assemblages across the western US: influences of habitat, land ownership and latitude. <i>PeerJ</i> , 2017 , 5, e2879	3.1	6
41	Camera-based occupancy monitoring at large scales: Power to detect trends in grizzly bears across the Canadian Rockies. <i>Biological Conservation</i> , 2016 , 201, 192-200	6.2	47
40	A generalized integrated population model to estimate greater sage-grouse population dynamics. <i>Ecosphere</i> , 2016 , 7, e01585	3.1	11
39	Factors affecting whale detection from large ships in Alaska with implications for whale avoidance. <i>Endangered Species Research</i> , 2016 , 30, 209-223	2.5	7
38	Improved analysis of lek count data using N-mixture models. <i>Journal of Wildlife Management</i> , 2016 , 80, 1011-1021	1.9	18
37	Estimating Sonoran pronghorn abundance and survival with fecal DNA and capture-recapture methods. <i>Conservation Biology</i> , 2016 , 30, 1102-11	6	16

36	Evaluating sources of censoring and truncation in telemetry-based survival data. <i>Journal of Wildlife Management</i> , 2016 , 80, 138-148	1.9	17
35	Effects of recent decreases in arctic sea ice on an ice-associated marine bird. <i>Progress in Oceanography</i> , 2015 , 136, 151-161	3.8	54
34	Effects of elk density on elk aggregation patterns and exposure to brucellosis. <i>Journal of Wildlife Management</i> , 2015 , 79, 373-383	1.9	13
33	Multi-state mark-recapture model to estimate survival of a dispersed-nesting seabird, the Kittlitz's Murrelet. <i>Journal of Wildlife Management</i> , 2015 , 79, 20-30	1.9	7
32	Estimating occupancy using spatially and temporally replicated snow surveys. <i>Animal Conservation</i> , 2015 , 18, 92-101	3.2	20
31	Examining Temporal Sample Scale and Model Choice with Spatial Capture-Recapture Models in the Common Leopard Panthera pardus. <i>PLoS ONE</i> , 2015 , 10, e0140757	3.7	22
30	Sex ratios of Mountain Plovers from egg production to fledging. <i>Avian Conservation and Ecology</i> , 2015 , 10,	1.5	4
29	Reproductive performance of Kittlitz's Murrelet in a glaciated landscape, Icy Bay, Alaska, USA. <i>Condor</i> , 2015 , 117, 237-248	2.1	3
28	Testing factors influencing identification rates of similar species during abundance surveys. <i>Condor</i> , 2015 , 117, 460-472	2.1	3
27	Modeling risk of pneumonia epizootics in bighorn sheep. <i>Journal of Wildlife Management</i> , 2015 , 79, 195-210	2.1	15
26	Increased flexibility for modeling telemetry and nest-survival data using the multistate framework. <i>Journal of Wildlife Management</i> , 2014 , 78, 224-230	1.9	14
25	Estimating Sample Size for Landscape-Scale Mark-Recapture Studies of North American Migratory Tree Bats. <i>Acta Chiropterologica</i> , 2014 , 16, 231-239	1	13
24	Barriers Impede Upstream Spawning Migration of Flathead Chub. <i>Transactions of the American Fisheries Society</i> , 2014 , 143, 17-25	1.7	19
23	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> , 2014 , 78, 944-952	1.9	18
22	Snowshoe hares display limited phenotypic plasticity to mismatch in seasonal camouflage. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014 , 281, 20140029	4.4	54
21	Relative influence of human harvest, carnivores, and weather on adult female elk survival across western North America. <i>Journal of Applied Ecology</i> , 2013 , 50, 295-305	5.8	60
20	Hierarchical multi-scale occupancy estimation for monitoring wildlife populations. <i>Journal of Wildlife Management</i> , 2012 , 76, 154-162	1.9	48
19	Biological and socio-economic effects of statewide limitation of deer licenses in Colorado. <i>Journal of Wildlife Management</i> , 2011 , 75, 1443-1452	1.9	13

18	Evaluating cost-efficiency and accuracy of hunter harvest survey designs. <i>Wildlife Society Bulletin</i> , 2011 , 35, 430-437	1.4	6
17	Evaluating the Canada lynx reintroduction programme in Colorado: patterns in mortality. <i>Journal of Applied Ecology</i> , 2010 , 47, 524-531	5.8	46
16	Select tissue mineral concentrations and chronic wasting disease status in mule deer from North-central Colorado. <i>Journal of Wildlife Diseases</i> , 2010 , 46, 1029-34	1.3	11
15	Separating Components of Variation in Survival of Mule Deer in Colorado. <i>Journal of Wildlife Management</i> , 2009 , 73, 817-826	1.9	22
14	Subsampling Hair Samples Affects Accuracy and Precision of DNA-Based Population Estimates. <i>Journal of Wildlife Management</i> , 2009 , 73, 1184-1188	1.9	8
13	Extending the Robust Design for DNA-Based Capture-Recapture Data Incorporating Genotyping Error and Laboratory Data 2009 , 711-726		5
12	Body Mass and Winter Severity as Predictors of Overwinter Survival in Preble's Meadow Jumping Mouse. <i>Journal of Mammalogy</i> , 2009 , 90, 17-24	1.8	22
11	Epidemic pasteurellosis in a bighorn sheep population coinciding with the appearance of a domestic sheep. <i>Journal of Wildlife Diseases</i> , 2008 , 44, 388-403	1.3	52
10	Noninvasive Estimation of Black Bear Abundance Incorporating Genotyping Errors and Harvested Bear. <i>Journal of Wildlife Management</i> , 2007 , 71, 2684-2693	1.9	49
9	Development and Analysis of Joint Internet-Telephone Hunter Surveys. <i>Human Dimensions of Wildlife</i> , 2007 , 12, 263-273	1.6	3
8	Understanding abundance patterns of a declining seabird: implications for monitoring 2007 , 17, 2164-74		16
7	Effects of Radiomarking on Prairie Falcons: Attachment Failures Provide Insights About Survival. <i>Wildlife Society Bulletin</i> , 2006 , 34, 116-126	1.4	54
6	MONITORING LOW DENSITY AVIAN POPULATIONS: AN EXAMPLE USING MOUNTAIN PLOVERS. <i>Condor</i> , 2006 , 108, 700	2.1	7
5	Monitoring Low Density Avian Populations: An Example Using Mountain Plovers. <i>Condor</i> , 2006 , 108, 700-706		8
4	RESEARCH NOTES: ESTIMATING POPULATION SIZE FROM DNA-BASED CLOSED CAPTURE-RECAPTURE DATA INCORPORATING GENOTYPING ERROR. <i>Journal of Wildlife Management</i> , 2005 , 69, 396-403	1.9	105
3	Review of capture-recapture methods applicable to noninvasive genetic sampling. <i>Molecular Ecology</i> , 2005 , 14, 3909-19	5.7	164
2	Estimating Survival Probabilities of Unmarked Dependent Young When Detection is Imperfect. <i>Condor</i> , 2004 , 106, 926-931	2.1	28
1	spaceNtime: an R package for estimating abundance of unmarked animals using camera-trap photographs. <i>Mammalian Biology</i> , 1	1.6	0

