

David A W Miller

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.

77
papers

2,249
citations

26
h-index

46
g-index

84
ext. papers

2,914
ext. citations

4.9
avg, IF

5.17
L-index

#	Paper	IF	Citations
77	Improving occupancy estimation when two types of observational error occur: non-detection and species misidentification. <i>Ecology</i> , 2011 , 92, 1422-8	4.6	236
76	Quantitative evidence for the effects of multiple drivers on continental-scale amphibian declines. <i>Scientific Reports</i> , 2016 , 6, 25625	4.9	139
75	Trends in amphibian occupancy in the United States. <i>PLoS ONE</i> , 2013 , 8, e64347	3.7	111
74	Integrating multiple data sources in species distribution modeling: a framework for data fusion. <i>Ecology</i> , 2017 , 98, 840-850	4.6	110
73	Large-scale recovery of an endangered amphibian despite ongoing exposure to multiple stressors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 11889-11894 ^{11.5}	11.5	92
72	Modeling false positive detections in species occurrence data under different study designs. <i>Ecology</i> , 2015 , 96, 332-9	4.6	78
71	Using camera trapping and hierarchical occupancy modelling to evaluate the spatial ecology of an African mammal community. <i>Journal of Applied Ecology</i> , 2016 , 53, 1225-1235	5.8	78
70	Joint estimation of habitat dynamics and species interactions: disturbance reduces co-occurrence of non-native predators with an endangered toad. <i>Journal of Animal Ecology</i> , 2012 , 81, 1288-1297	4.7	71
69	The recent past and promising future for data integration methods to estimate species[] distributions. <i>Methods in Ecology and Evolution</i> , 2019 , 10, 22-37	7.7	70
68	Determining Occurrence Dynamics when False Positives Occur: Estimating the Range Dynamics of Wolves from Public Survey Data. <i>PLoS ONE</i> , 2013 , 8, e65808	3.7	65
67	Experimental investigation of false positive errors in auditory species occurrence surveys 2012 , 22, 1665-74		60
66	Assessing global patterns in mammalian carnivore occupancy and richness by integrating local camera trap surveys. <i>Global Ecology and Biogeography</i> , 2017 , 26, 918-929	6.1	58
65	Individual variation in baseline and stress-induced corticosterone and prolactin levels predicts parental effort by nesting mourning doves. <i>Hormones and Behavior</i> , 2009 , 56, 457-64	3.7	56
64	Decades of field data reveal that turtles senesce in the wild. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 6502-7	11.5	55
63	Estimating patterns and drivers of infection prevalence and intensity when detection is imperfect and sampling error occurs. <i>Methods in Ecology and Evolution</i> , 2012 , 3, 850-859	7.7	51
62	Quantifying climate sensitivity and climate-driven change in North American amphibian communities. <i>Nature Communications</i> , 2018 , 9, 3926	17.4	50
61	Predator functional response and prey survival: direct and indirect interactions affecting a marked prey population. <i>Journal of Animal Ecology</i> , 2006 , 75, 101-10	4.7	46

60	Stochastic population dynamics in populations of western terrestrial garter snakes with divergent life histories. <i>Ecology</i> , 2011 , 92, 1658-71	4.6	44
59	Ecological correlates of the spatial co-occurrence of sympatric mammalian carnivores worldwide. <i>Ecology Letters</i> , 2018 , 21, 1401-1412	10	43
58	Performance of species occurrence estimators when basic assumptions are not met: a test using field data where true occupancy status is known. <i>Methods in Ecology and Evolution</i> , 2015 , 6, 557-565	7.7	39
57	Effects of Abdominally Implanted Radiotransmitters with Percutaneous Antennas on Migration, Reproduction, and Survival of Canada Geese. <i>Journal of Wildlife Management</i> , 2006 , 70, 812-822	1.9	32
56	The diversity of population responses to environmental change. <i>Ecology Letters</i> , 2019 , 22, 342-353	10	31
55	Accounting for false positives improves estimates of occupancy from key informant interviews. <i>Diversity and Distributions</i> , 2014 , 20, 223-235	5	30
54	Range position and climate sensitivity: The structure of among-population demographic responses to climatic variation. <i>Global Change Biology</i> , 2018 , 24, 439-454	11.4	29
53	Spatial Capture-Recapture: A Promising Method for Analyzing Data Collected Using Artificial Cover Objects. <i>Herpetologica</i> , 2016 , 72, 6	1.9	27
52	Monitoring gray wolf populations using multiple survey methods. <i>Journal of Wildlife Management</i> , 2014 , 78, 335-346	1.9	27
51	A new framework for analysing automated acoustic species detection data: Occupancy estimation and optimization of recordings post-processing. <i>Methods in Ecology and Evolution</i> , 2018 , 9, 560-570	7.7	26
50	Species interactions and the effects of climate variability on a wetland amphibian metacommunity 2017 , 27, 285-296		24
49	Optimizing Nest Survival and Female Survival: Consequences of Nest Site Selection for Canada Geese. <i>Condor</i> , 2007 , 109, 769-780	2.1	24
48	The untapped potential of reptile biodiversity for understanding how and why animals age. <i>Functional Ecology</i> , 2020 , 34, 38-54	5.6	24
47	Optimizing Nest Survival and Female Survival: Consequences of Nest Site Selection for Canada Geese Optimizaci3n De La Supervivencia De Nidos Y Hembras: Consecuencias De La Selecci3n De Sitios De Nidificaci3n Para Branta Canadensis Consecuencias of Nest Site Selection. <i>Condor</i> , 2007 , 109, 769	2.1	23
46	Evaluating within-population variability in behavior and demography for the adaptive potential of a dispersal-limited species to climate change. <i>Ecology and Evolution</i> , 2016 , 6, 8740-8755	2.8	22
45	Sampling design and analytical advances allow for simultaneous density estimation of seven sympatric carnivore species from camera trap data. <i>Biological Conservation</i> , 2019 , 233, 12-20	6.2	22
44	Resolving misaligned spatial data with integrated species distribution models. <i>Ecology</i> , 2019 , 100, e027096	10.6	21
43	Estimating occupancy dynamics for large-scale monitoring networks: amphibian breeding occupancy across protected areas in the northeast United States. <i>Ecology and Evolution</i> , 2015 , 5, 4735-46	2.8	21

42	Nest Survival in Dusky Canada Geese (<i>Branta Canadensis Occidentalis</i>): Use of Discrete-Time Models. <i>Auk</i> , 2006 , 123, 198-210	2.1	21
41	Using Spatial Capture-Recapture to Elucidate Population Processes and Space-Use in Herpetological Studies. <i>Journal of Herpetology</i> , 2016 , 50, 570-581	1.1	21
40	Morphological plasticity reduces the effect of poor developmental conditions on fledging age in mourning doves. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010 , 277, 1659-65	4.4	17
39	A Synthesis of Evidence of Drivers of Amphibian Declines. <i>Herpetologica</i> , 2020 , 76, 101	1.9	16
38	Influence of biotic interactions on the distribution of Canada lynx (<i>Lynx canadensis</i>) at the southern edge of their range. <i>Journal of Mammalogy</i> , 2018 , 99, 760-772	1.8	15
37	Ruffed grouse population declines after introduction of West Nile virus. <i>Journal of Wildlife Management</i> , 2018 , 82, 165-172	1.9	14
36	Renesting by Dusky Canada Geese on the Copper River Delta, Alaska. <i>Journal of Wildlife Management</i> , 2006 , 70, 955-964	1.9	14
35	NEST SURVIVAL IN DUSKY CANADA GEESE (<i>BRANTA CANADENSIS OCCIDENTALIS</i>): USE OF DISCRETE-TIME MODELS. <i>Auk</i> , 2006 , 123, 198	2.1	14
34	What Have Long-Term Field Studies Taught Us About Population Dynamics?. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2019 , 50, 261-278	13.5	13
33	Swimming against the tide: resilience of a riverine turtle to recurrent extreme environmental events. <i>Biology Letters</i> , 2014 , 10, 20130782	3.6	13
32	Population Size, Survival, Growth, and Movements of <i>Rana sierrae</i> . <i>Herpetologica</i> , 2013 , 69, 147-162	1.9	13
31	Techniques for identifying predators of goose nests. <i>Wildlife Biology</i> , 2006 , 12, 249-256	1.7	13
30	Joint estimation of growth and survival from mark-recapture data to improve estimates of senescence in wild populations. <i>Ecology</i> , 2020 , 101, e02877	4.6	11
29	Successful molecular detection studies require clear communication among diverse research partners. <i>Frontiers in Ecology and the Environment</i> , 2020 , 18, 43-51	5.5	11
28	Will Lynx Lose Their Edge? Canada Lynx Occupancy in Washington. <i>Journal of Wildlife Management</i> , 2020 , 84, 705-725	1.9	8
27	General methods for sensitivity analysis of equilibrium dynamics in patch occupancy models. <i>Ecology</i> , 2012 , 93, 1204-13	4.6	8
26	Migratory strategy drives species-level variation in bird sensitivity to vegetation green-up. <i>Nature Ecology and Evolution</i> , 2021 , 5, 987-994	12.3	8
25	Two-species occupancy modelling accounting for species misidentification and non-detection. <i>Methods in Ecology and Evolution</i> , 2018 , 9, 1468-1477	7.7	7

24	Immediate and delayed effects of poor developmental conditions on growth and flight ability of juvenile mourning doves <i>Zenaida macroura</i> . <i>Journal of Avian Biology</i> , 2011 , 42, 151-158	1.9	7
23	Calibrating Recruitment Estimates for Mourning Doves From Harvest Age Ratios. <i>Journal of Wildlife Management</i> , 2010 , 74, 1070-1079	1.9	7
22	Shifts in vegetation and avian community structure following the decline of a foundational forest species, the eastern hemlock. <i>Condor</i> , 2018 , 120, 489-506	2.1	7
21	Evidence for sex-specific reproductive senescence in monogamous cooperatively breeding red wolves. <i>Behavioral Ecology and Sociobiology</i> , 2017 , 71, 1	2.5	6
20	Use of ambiguous detections to improve estimates from species distribution models. <i>Conservation Biology</i> , 2019 , 33, 185-195	6	6
19	ESTIMATING OCCURRENCE, PREVALENCE, AND DETECTION OF AMPHIBIAN PATHOGENS: INSIGHTS FROM OCCUPANCY MODELS. <i>Journal of Wildlife Diseases</i> , 2019 , 55, 563-575	1.3	6
18	Linking variability in climate to wetland habitat suitability: is it possible to forecast regional responses from simple climate measures?. <i>Wetlands Ecology and Management</i> , 2019 , 27, 39-53	2.1	6
17	The influence of spatial and temporal scale on the relative importance of biotic vs. abiotic factors for species distributions. <i>Diversity and Distributions</i> , 2021 , 27, 327-343	5	6
16	Use of field-portable ultrasonography reveals differences in developmental phenology and maternal egg provisioning in two sympatric viviparous snakes. <i>Ecology and Evolution</i> , 2018 , 8, 3330-3340 ^{2.8}		4
15	Survival of Dusky Canada Goose Goslings in Relation to Weather and Annual Nest Success 2008 , 72, 1614-1621		4
14	Population Trends, Survival, and Sampling Methodologies for a Population of <i>Rana draytonii</i> . <i>Journal of Herpetology</i> , 2017 , 51, 567	1.1	3
13	Integrating citizen-science and planned-survey data improves species distribution estimates. <i>Diversity and Distributions</i> ,	5	3
12	Life history plasticity does not confer resilience to environmental change in the mole salamander (<i>Ambystoma talpoideum</i>). <i>Oecologia</i> , 2017 , 183, 739-749	2.9	2
11	Sex-related differences in aging rate are associated with sex chromosome system in amphibians. <i>Evolution; International Journal of Organic Evolution</i> , 2021 ,	3.8	2
10	Human-dominated land cover corresponds to spatial variation in Mourning Dove (<i>Zenaida macroura</i>) reproductive output across the United States. <i>Condor</i> , 2020 , 122,	2.1	1
9	Joint estimation of growth and survival from mark-recapture data to improve estimates of senescence in wild populations: Reply. <i>Ecology</i> , 2021 , e03571	4.6	1
8	Threading the needle: How humans influence predator-prey spatiotemporal interactions in a multiple-predator system. <i>Journal of Animal Ecology</i> , 2021 , 90, 2377-2390	4.7	1
7	The influence of species life history and distribution characteristics on species responses to habitat fragmentation in an urban landscape. <i>Journal of Animal Ecology</i> , 2021 , 90, 685-697	4.7	1

6	Current and time-lagged effects of climate on innate immunity in two sympatric snake species. <i>Ecology and Evolution</i> , 2021 , 11, 3239-3250	2.8	1
5	Endemic and Threatened Amazona Parrots of the Atlantic Forest: An Overview of Their Geographic Range and Population Size. <i>Diversity</i> , 2021 , 13, 416	2.5	1
4	Predators of Dusky Canada Goose goslings and the effect of transmitters on gosling survival. <i>Journal of Field Ornithology</i> , 2008 , 79, 399-407	0.9	0
3	Over a decade of field physiology reveals life-history specific strategies to drought in garter snakes (). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022 , 289, 20212187	4.4	0
2	Geographic variation and thermal plasticity shape salamander metabolic rates under current and future climates.. <i>Ecology and Evolution</i> , 2022 , 12, e8433	2.8	
1	Accommodating the role of site memory in dynamic species distribution models. <i>Ecology</i> , 2021 , 102, e03315	4.6	