

Robert M Dorazio

List of Publications by Year in descending order

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75
papers

4,494
citations

136950

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110387

64
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76
all docs

76
docs citations

76
times ranked

4347
citing authors

#	ARTICLE	IF	CITATIONS
1	Risk factors for peripherally inserted central catheterization-associated bloodstream infection in neonates.. Chinese Journal of Contemporary Pediatrics, 2022, 24, 141-146.	0.2	0
2	Using environmental DNA and occupancy modelling to estimate rangewide metapopulation dynamics. Molecular Ecology, 2021, 30, 3340-3354.	3.9	12
3	Monitoring for freshwater mussel presence in rivers using environmental DNA. Environmental DNA, 2021, 3, 591-604.	5.8	13
4	The Use of Morning Urinary Gonadotropins and Sex Hormones in the Management of Early Puberty in Chinese Girls. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e4520-e4530.	3.6	9
5	Regional Disparities in Obesity Among a Heterogeneous Population of Chinese Children and Adolescents. JAMA Network Open, 2021, 4, e2131040.	5.9	19
6	Effect of deforestation on prevalence of avian haemosporidian parasites and mosquito abundance in a tropical rainforest of Cameroon. International Journal for Parasitology, 2020, 50, 63-73.	3.1	23
7	Objective prior distributions for Jollyâ€šSeber models of zeroâ€šaugmented data. Biometrics, 2020, 76, 1285-1296.	1.4	3
8	State-space models to infer movements and behavior of fish detected in a spatial array of acoustic receivers. Canadian Journal of Fisheries and Aquatic Sciences, 2019, 76, 543-550.	1.4	10
9	Environmental DNA sampling reveals high occupancy rates of invasive Burmese pythons at wading bird breeding aggregations in the central Everglades. PLoS ONE, 2019, 14, e0213943.	2.5	17
10	A practical guide for combining data to model species distributions. Ecology, 2019, 100, e02710.	3.2	153
11	<sc>ednaoccupancy</sc>: An <sc>r</sc> package for multiscale occupancy modelling of environmental <sc>DNA</sc> data. Molecular Ecology Resources, 2018, 18, 368-380.	4.8	107
12	Time series sightability modeling of animal populations. PLoS ONE, 2018, 13, e0190706.	2.5	10
13	Integrated species distribution models: combining presenceâ€šbackground data and siteâ€šoccupancy data with imperfect detection. Methods in Ecology and Evolution, 2017, 8, 420-430.	5.2	80
14	Field Practices: Assessing Tiger Population Dynamics Using Photographic Captures. , 2017, , 191-224.		4
15	Concepts: Assessing Tiger Population Dynamics Using Captureâ€šRecapture Sampling. , 2017, , 163-189.		5
16	Detection limits of quantitative and digital <sc>PCR</sc> assays and their influence in presenceâ€šabsence surveys of environmental <sc>DNA</sc>. Molecular Ecology Resources, 2017, 17, 221-229.	4.8	106
17	A hierarchical model for estimating the spatial distribution and abundance of animals detected by continuous-time recorders. PLoS ONE, 2017, 12, e0176966.	2.5	15
18	Occupancy estimation for rare species using a spatiallyâ€šadaptive sampling design. Methods in Ecology and Evolution, 2016, 7, 285-293.	5.2	44

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19	Incorporating Imperfect Detection into Joint Models of Communities: A response to Warton et al.. Trends in Ecology and Evolution, 2016, 31, 736-737.	8.7	45
20	Bayesian data analysis in population ecology: motivations, methods, and benefits. Population Ecology, 2016, 58, 31-44.	1.2	53
21	State-Dependent Resource Harvesting with Lagged Information about System States. PLoS ONE, 2016, 11, e0157373.	2.5	6
22	Environmental DNA (eDNA) Sampling Improves Occurrence and Detection Estimates of Invasive Burmese Pythons. PLoS ONE, 2015, 10, e0121655.	2.5	166
23	Estimating the Effects of Habitat and Biological Interactions in an Avian Community. PLoS ONE, 2015, 10, e0135987.	2.5	36
24	Statistical Models for the Analysis and Design of Digital Polymerase Chain Reaction (dPCR) Experiments. Analytical Chemistry, 2015, 87, 10886-10893.	6.5	24
25	TAILORING POINT COUNTS FOR INFERENCE ABOUT AVIAN DENSITY: DEALING WITH NONDETECTION AND AVAILABILITY. Natural Resource Modelling, 2014, 27, 163-177.	2.0	4
26	Accounting for imperfect detection and survey bias in statistical analysis of presence-only data. Global Ecology and Biogeography, 2014, 23, 1472-1484.	5.8	187
27	Estimating Abundances of Interacting Species Using Morphological Traits, Foraging Guilds, and Habitat. PLoS ONE, 2014, 9, e94323.	2.5	24
28	Too risky to settle: avian community structure changes in response to perceived predation risk on adults and offspring. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20130762.	2.6	34
29	Estimating abundance while accounting for rarity, correlated behavior, and other sources of variation in counts. Ecology, 2013, 94, 1472-1478.	3.2	39
30	Bayes and Empirical Bayes Estimators of Abundance and Density from Spatial Capture-Recapture Data. PLoS ONE, 2013, 8, e84017.	2.5	12
31	Estimating abundance while accounting for rarity, correlated behavior, and other sources of variation in counts. Ecology, 2013, 94, 1472-1478.	3.2	9
32	Predicting the Geographic Distribution of a Species from Presence-Only Data Subject to Detection Errors. Biometrics, 2012, 68, 1303-1312.	1.4	68
33	A Gibbs sampler for Bayesian analysis of site-occupancy data. Methods in Ecology and Evolution, 2012, 3, 1093-1098.	5.2	29
34	A sampling design and model for estimating abundance of Nile crocodiles while accounting for heterogeneity of detectability of multiple observers. Journal of Wildlife Management, 2012, 76, 966-975.	1.8	21
35	Parameter-expanded data augmentation for Bayesian analysis of capture-recapture models. Journal of Ornithology, 2012, 152, 521-537.	1.1	140
36	A two-phase sampling design for increasing detections of rare species in occupancy surveys. Methods in Ecology and Evolution, 2012, 3, 721-730.	5.2	26

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37	No evidence of interference competition among the invasive feral pig and two native peccary species in a Neotropical wetland. <i>Journal of Tropical Ecology</i> , 2011, 27, 557-561.	1.1	17
38	New aerial survey and hierarchical model to estimate manatee abundance. <i>Journal of Wildlife Management</i> , 2011, 75, 399-412.	1.8	24
39	Estimating occupancy dynamics in an anuran assemblage from Louisiana, USA. <i>Journal of Wildlife Management</i> , 2011, 75, 751-761.	1.8	18
40	Occupancy and abundance of wintering birds in a dynamic agricultural landscape. <i>Journal of Wildlife Management</i> , 2011, 75, 836-847.	1.8	5
41	Estimating Trends in Alligator Populations from Nightlight Survey Data. <i>Wetlands</i> , 2011, 31, 147-155.	1.5	28
42	Detecting temporal trends in species assemblages with bootstrapping procedures and hierarchical models. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 3621-3631.	4.0	33
43	Models for inference in dynamic metacommunity systems. <i>Ecology</i> , 2010, 91, 2466-2475.	3.2	95
44	A new parameterization for estimating co-occurrence of interacting species. <i>Ecological Applications</i> , 2010, 20, 1467-1475.	3.8	95
45	Species richness and occupancy estimation in communities subject to temporary emigration. <i>Ecology</i> , 2009, 90, 1279-1290.	3.2	105
46	Trend estimation in populations with imperfect detection. <i>Journal of Applied Ecology</i> , 2009, 46, 1163-1172.	4.0	198
47	Occupancy estimation and the closure assumption. <i>Journal of Applied Ecology</i> , 2009, 46, 1173-1181.	4.0	203
48	On selecting a prior for the precision parameter of Dirichlet process mixture models. <i>Journal of Statistical Planning and Inference</i> , 2009, 139, 3384-3390.	0.6	36
49	Comparison of visual survey and seining methods for estimating abundance of an endangered, benthic stream fish. <i>Environmental Biology of Fishes</i> , 2008, 81, 313-319.	1.0	27
50	Modeling Unobserved Sources of Heterogeneity in Animal Abundance Using a Dirichlet Process Prior. <i>Biometrics</i> , 2008, 64, 635-644.	1.4	51
51	Analysis of Multinomial Models With Unknown Index Using Data Augmentation. <i>Journal of Computational and Graphical Statistics</i> , 2007, 16, 67-85.	1.7	243
52	ON THE CHOICE OF STATISTICAL MODELS FOR ESTIMATING OCCURRENCE AND EXTINCTION FROM ANIMAL SURVEYS. <i>Ecology</i> , 2007, 88, 2773-2782.	3.2	50
53	Hierarchical Spatiotemporal Matrix Models for Characterizing Invasions. <i>Biometrics</i> , 2007, 63, 558-567.	1.4	78
54	ESTIMATING SPECIES RICHNESS AND ACCUMULATION BY MODELING SPECIES OCCURRENCE AND DETECTABILITY. <i>Ecology</i> , 2006, 87, 842-854.	3.2	362

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55	Hierarchical models of animal abundance and occurrence. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2006, 11, 249-263.	1.4	131
56	Rejoinder to "The Performance of Mixture Models in Heterogeneous Closed Population Capture-Recapture". <i>Biometrics</i> , 2005, 61, 874-876.	1.4	15
57	Improving Removal-Based Estimates of Abundance by Sampling a Population of Spatially Distinct Subpopulations. <i>Biometrics</i> , 2005, 61, 1093-1101.	1.4	78
58	Estimating Size and Composition of Biological Communities by Modeling the Occurrence of Species. <i>Journal of the American Statistical Association</i> , 2005, 100, 389-398.	3.1	416
59	USING COUNTS TO SIMULTANEOUSLY ESTIMATE ABUNDANCE AND DETECTION PROBABILITIES IN A SALAMANDER COMMUNITY. <i>Herpetologica</i> , 2004, 60, 468-478.	0.4	102
60	Mixture Models for Estimating the Size of a Closed Population When Capture Rates Vary among Individuals. <i>Biometrics</i> , 2003, 59, 351-364.	1.4	195
61	BAYESIAN INFERENCE AND DECISION THEORY—A FRAMEWORK FOR DECISION MAKING IN NATURAL RESOURCE MANAGEMENT. , 2003, 13, 556-563.		77
62	Relationships between streambed substrate characteristics and freshwater mussels (<i>Bivalvia:Unionidae</i>) in Coastal Plain streams. <i>Journal of the North American Benthological Society</i> , 2002, 21, 253-260.	3.1	43
63	Dynamics of individual growth in a recovering population of lake trout (<i>Salvelinus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 4	1.4	11
64	Design-Based and Model-Based Inference in Surveys of Freshwater Mollusks. <i>Journal of the North American Benthological Society</i> , 1999, 18, 118-131.	3.1	15
65	Physiological tolerances of juvenile robust redhorse, <i>Moxostoma robustum</i> : conservation implications for an imperiled species. <i>Environmental Biology of Fishes</i> , 1998, 51, 429-444.	1.0	15
66	Title is missing!. <i>Environmental and Ecological Statistics</i> , 1997, 4, 235-246.	3.5	2
67	Mortality Estimates of Striped Bass Caught in Albemarle Sound and Roanoke River, North Carolina. <i>North American Journal of Fisheries Management</i> , 1995, 15, 290-299.	1.0	3
68	Tag Recovery Estimates of Migration of Striped Bass from Spawning Areas of the Chesapeake Bay. <i>Transactions of the American Fisheries Society</i> , 1994, 123, 950-963.	1.4	42
69	Prerelease Stratification in Tag-Recovery Models with Time Dependence. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1993, 50, 535-541.	1.4	10
70	Evaluation of a Mark-Recapture Method for Estimating Mortality and Migration Rates of Stratified Populations. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1991, 48, 254-260.	1.4	12
71	Stocking of Hatchery-Reared Striped Bass in the Patuxent River, Maryland: Survival, Relative Abundance, and Cost-Effectiveness. <i>North American Journal of Fisheries Management</i> , 1991, 11, 435-442.	1.0	8
72	Immunological Discrimination of Atlantic Striped Bass Stocks. <i>Transactions of the American Fisheries Society</i> , 1990, 119, 77-85.	1.4	11

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73	Food-web manipulations influence grazer control of phytoplankton growth rates in Lake Michigan. <i>Journal of Plankton Research</i> , 1987, 9, 891-899.	1.8	41
74	Statistical Inference in Life-Table Experiments: The Finite Rate of Increase. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1984, 41, 1361-1374.	1.4	21
75	Optimal reproductive strategies in age-structured populations of zooplankton. <i>Freshwater Biology</i> , 1983, 13, 157-175.	2.4	25