

# William D Robinson

## List of Publications by Year in descending order

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108  
papers

4,577  
citations

117571

34  
h-index

110317

64  
g-index

111  
all docs

111  
docs citations

111  
times ranked

4998  
citing authors

#	ARTICLE	IF	CITATIONS
1	Technology on the Move: Recent and Forthcoming Innovations for Tracking Migratory Birds. <i>BioScience</i> , 2011, 61, 689-698.	2.2	395
2	Experimental evidence for extreme dispersal limitation in tropical forest birds. <i>Ecology Letters</i> , 2008, 11, 960-968.	3.0	292
3	Nesting success of understory forest birds in central Panama. <i>Journal of Avian Biology</i> , 2000, 31, 151-164.	0.6	181
4	Long-Term Changes in the Avifauna of Barro Colorado Island, Panama, a Tropical Forest Isolate. <i>Conservation Biology</i> , 1999, 13, 85-97.	2.4	173
5	Constitutive immune defences correlate with life-history variables in tropical birds. <i>Journal of Animal Ecology</i> , 2008, 77, 356-363.	1.3	160
6	Vegetation response to a short interval between high-severity wildfires in a mixed-evergreen forest. <i>Journal of Ecology</i> , 2009, 97, 142-154.	1.9	159
7	Integrating concepts and technologies to advance the study of bird migration. <i>Frontiers in Ecology and the Environment</i> , 2010, 8, 354-361.	1.9	158
8	FOREST BIRD COMMUNITY STRUCTURE IN CENTRAL PANAMA: INFLUENCE OF SPATIAL SCALE AND BIOGEOGRAPHY. <i>Ecological Monographs</i> , 2000, 70, 209-235.	2.4	154
9	ARTIFICIAL BIRD NESTS, EXTERNAL VALIDITY, AND BIAS IN ECOLOGICAL FIELD STUDIES. <i>Ecology</i> , 2004, 85, 1562-1567.	1.5	152
10	Effects of Selective Logging on Forest Bird Populations in a Fragmented Landscape. <i>Conservation Biology</i> , 1999, 13, 58-66.	2.4	128
11	Conifer regeneration in stand-replacement portions of a large mixed-severity wildfire in the Klamath-Siskiyou Mountains. <i>Canadian Journal of Forest Research</i> , 2009, 39, 823-838.	0.8	116
12	A species-centered approach for uncovering generalities in organism responses to habitat loss and fragmentation. <i>Ecography</i> , 2014, 37, 517-527.	2.1	114
13	Interspecific Associations between Circulating Antioxidant Levels and Life-History Variation in Birds. <i>American Naturalist</i> , 2008, 172, 178-193.	1.0	104
14	Bird communities following high-severity fire: Response to single and repeat fires in a mixed-evergreen forest, Oregon, USA. <i>Forest Ecology and Management</i> , 2009, 257, 1496-1504.	1.4	102
15	The Status of the Panama Canal Watershed and Its Biodiversity at the Beginning of the 21st Century. <i>BioScience</i> , 2001, 51, 389.	2.2	89
16	Serum antioxidant levels in wild birds vary in relation to diet, season, life history strategy, and species. <i>Oecologia</i> , 2009, 161, 673-683.	0.9	88
17	Reproductive Seasonality of Seven Neotropical Passerine Species. <i>Condor</i> , 2003, 105, 683-695.	0.7	82
18	REPRODUCTIVE SEASONALITY OF SEVEN NEOTROPICAL PASSERINE SPECIES. <i>Condor</i> , 2003, 105, 683.	0.7	77

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19	Gulliver travels to the fragmented tropics: geographic variation in mechanisms of avian extinction. <i>Frontiers in Ecology and the Environment</i> , 2005, 3, 85-92.	1.9	74
20	Diversification of Life Histories in New World Birds. <i>Auk</i> , 2010, 127, 253-262.	0.7	68
21	Genetic Applications in Avian Conservation. <i>Auk</i> , 2011, 128, 205-229.	0.7	68
22	Tropical forest fragmentation limits pollination of a keystone understory herb. <i>Ecology</i> , 2014, 95, 2202-2212.	1.5	68
23	Experimental evaluation of bird movements in a fragmented Neotropical landscape. <i>Biological Conservation</i> , 2011, 144, 703-712.	1.9	62
24	Comparing bird community responses to forest fragmentation in two lowland Central American reserves. <i>Biological Conservation</i> , 2010, 143, 340-350.	1.9	61
25	OBSERVATIONS OF PREDATION EVENTS AT BIRD NESTS IN CENTRAL PANAMA. <i>Journal of Field Ornithology</i> , 2001, 72, 43-48.	0.3	53
26	Gulliver Travels to the Fragmented Tropics: Geographic Variation in Mechanisms of Avian Extinction. <i>Frontiers in Ecology and the Environment</i> , 2005, 3, 91.	1.9	53
27	INFLUENCE OF FIRE ON BACHMAN'S SPARROW, AN ENDEMIC NORTH AMERICAN SONGBIRD. <i>Journal of Wildlife Management</i> , 2004, 68, 1114-1123.	0.7	52
28	Light increases the rate of embryonic development: implications for latitudinal trends in incubation period. <i>Functional Ecology</i> , 2011, 25, 769-776.	1.7	52
29	Sources of variation in the nesting success of understory tropical birds. <i>Journal of Avian Biology</i> , 2011, 42, 61-68.	0.6	52
30	Distribution of neotropical migratory bird species across an urbanizing landscape. <i>Urban Ecosystems</i> , 2005, 8, 59-77.	1.1	43
31	Functional connectivity experiments reflect routine movement behavior of a tropical hummingbird species. <i>Ecological Applications</i> , 2014, 24, 2122-2131.	1.8	41
32	Environmental correlates of avian diversity in lowland Panama rain forests. <i>Journal of Biogeography</i> , 2007, 34, 802-815.	1.4	38
33	Why Are Incubation Periods Longer in the Tropics? A Commonâ€Garden Experiment with House Wrens Reveals It Is All in the Egg. <i>American Naturalist</i> , 2008, 171, 532-535.	1.0	38
34	Mechanisms of avian population decline and species loss in tropical forest fragments. <i>Journal of Ornithology</i> , 2012, 153, 141-152.	0.5	38
35	Forest fragmentation and loss reduce richness, availability, and specialization in tropical hummingbird communities. <i>Biotropica</i> , 2018, 50, 74-83.	0.8	38
36	Breeding Ecology and Nest-Site Selection of Song Wrens in Central Panama. <i>Auk</i> , 2000, 117, 345-354.	0.7	37

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37	Fuel mass and forest structure following stand-replacement fire and post-fire logging in a mixed-evergreen forest. <i>International Journal of Wildland Fire</i> , 2013, 22, 652.	1.0	37
38	Latitudinal variation in clutch size—lay date regressions in <i>Tachycineta</i> swallows: effects of food supply or demography?. <i>Ecography</i> , 2014, 37, 670-678.	2.1	33
39	Detecting tropical nocturnal birds using automated audio recordings. <i>Journal of Field Ornithology</i> , 2011, 82, 279-287.	0.3	32
40	Surveying tropical birds is much harder than you think: a primer of best practices. <i>Biotropica</i> , 2018, 50, 846-849.	0.8	31
41	Influence of proximity to a geographical range limit on the physiology of a tropical bird. <i>Journal of Animal Ecology</i> , 2011, 80, 640-649.	1.3	30
42	Tropical Forest Fragmentation Limits Movements, but Not Occurrence of a Generalist Pollinator Species. <i>PLoS ONE</i> , 2016, 11, e0167513.	1.1	30
43	<scp>BIOFRAG</scp>—a new database for analyzing <scp>BIO</scp>diversity responses to forest <scp>FRAG</scp>mentation. <i>Ecology and Evolution</i> , 2014, 4, 1524-1537.	0.8	29
44	ARE ARTIFICIAL BIRD NESTS EFFECTIVE SURROGATES FOR ESTIMATING PREDATION ON REAL BIRD NESTS? A TEST WITH TROPICAL BIRDS. <i>Auk</i> , 2005, 122, 843.	0.7	28
45	Conserving biodiversity in managed forest landscapes: The use of critical thresholds for habitat. <i>Forestry Chronicle</i> , 2010, 86, 589-596.	0.5	28
46	Potential biases in estimating the rate parameter of sigmoid growth functions. <i>Methods in Ecology and Evolution</i> , 2011, 2, 43-51.	2.2	28
47	Primary rainforest amount at the landscape scale mitigates bird biodiversity loss and biotic homogenization. <i>Journal of Applied Ecology</i> , 2018, 55, 1288-1298.	1.9	28
48	Are Artificial Bird Nests Effective Surrogates for Estimating Predation on Real Bird Nests? A Test With Tropical Birds. <i>Auk</i> , 2005, 122, 843-852.	0.7	26
49	BREEDING PRODUCTIVITY OF BACHMAN'S SPARROWS IN FIRE-MANAGED LONGLEAF PINE FORESTS. <i>Wilson Journal of Ornithology</i> , 2006, 118, 131-137.	0.1	26
50	Distribution of Bird Diversity in a Vulnerable Neotropical Landscape. <i>Conservation Biology</i> , 2004, 18, 510-518.	2.4	22
51	Improving inferences about functional connectivity from animal translocation experiments. <i>Landscape Ecology</i> , 2015, 30, 585-593.	1.9	22
52	The adaptive significance of variation in avian incubation periods. <i>Auk</i> , 2017, 134, 542-550.	0.7	22
53	Avian Nesting Success in a Selectively Harvested North Temperate Deciduous Forest. <i>Conservation Biology</i> , 2001, 15, 1763-1771.	2.4	21
54	Causes of habitat loss in a Neotropical landscape: The Panama Canal corridor. <i>Landscape and Urban Planning</i> , 2008, 87, 129-139.	3.4	21

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55	Forest corridors facilitate movement of tropical forest birds after experimental translocations in a fragmented Neotropical landscape in Mexico. <i>Journal of Tropical Ecology</i> , 2011, 27, 547-556.	0.5	21
56	Songbird feathers as indicators of mercury exposure: high variability and low predictive power suggest limitations. <i>Ecotoxicology</i> , 2020, 29, 1281-1292.	1.1	21
57	Influence of Season and Frequency of Fire on Henslow's Sparrows ( <i>Ammodramus Henslowii</i> ) Wintering on Gulf Coast Pitcher Plant Bogs. <i>Auk</i> , 2003, 120, 96-106.	0.7	20
58	Ecological and life-history factors influencing the evolution of maternal antibody allocation: a phylogenetic comparison. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 3979-3987.	1.2	20
59	Comparing multi- and single-scale species distribution and abundance models built with the boosted regression tree algorithm. <i>Landscape Ecology</i> , 2020, 35, 1161-1174.	1.9	19
60	Deciphering ecology from statistical artefacts: Competing influence of sample size, prevalence and habitat specialization on species distribution models and how small evaluation datasets can inflate metrics of performance. <i>Diversity and Distributions</i> , 2020, 26, 315-328.	1.9	19
61	Louisiana Waterthrush ( <i>Parkesia motacilla</i> )., 2009, , .		17
62	Creating benchmark measurements of tropical forest bird communities in large plots. <i>Condor</i> , 2020, 122, .	0.7	16
63	Incubation temperature does not explain variation in the embryo development periods in a sample of Neotropical passerine birds. <i>Journal of Ornithology</i> , 2014, 155, 45-51.	0.5	15
64	Fire mediated patterns of population densities in mountain big sagebrush bird communities. <i>Journal of Wildlife Management</i> , 2013, 77, 737-748.	0.7	14
65	Differential reliance on aquatic prey subsidies influences mercury exposure in riparian arachnids and songbirds. <i>Ecology and Evolution</i> , 2021, 11, 7003-7017.	0.8	14
66	Erosion of tropical bird diversity over a century is influenced by abundance, diet and subtle climatic tolerances. <i>Scientific Reports</i> , 2021, 11, 10045.	1.6	14
67	Greater Sage-Grouse Movements and Habitat use during Winter in Central Oregon. <i>Western North American Naturalist</i> , 2011, 71, 418-424.	0.2	13
68	Predicting declines in avian species richness under nonrandom patterns of habitat loss in a Neotropical landscape. , 2009, 19, 1614-1627.		11
69	Lianas maintain insectivorous bird abundance and diversity in a neotropical forest. <i>Ecology</i> , 2020, 101, e03176.	1.5	11
70	Benchmark Bird Surveys Help Quantify Counting Accuracy in a Citizen-Science Database. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	9
71	BENCHMARKING THE AVIAN DIVERSITY OF OREGON IN AN ERA OF RAPID CHANGE. , 2020, 101, .		9
72	Avian reproductive failure in tropical forest fragments. <i>Animal Conservation</i> , 2009, 12, 276-278.	1.5	8

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73	Movements and settlement site selection of pygmy rabbits after experimental translocation. <i>Journal of Wildlife Management</i> , 2013, 77, 1170-1181.	0.7	7
74	Building a better baseline to estimate 160 years of avian population change and create historically informed conservation targets. <i>Conservation Biology</i> , 2021, 35, 1256-1267.	2.4	7
75	The influence of rare birds on observer effort and subsequent rarity discovery in the American birdwatching community. <i>PeerJ</i> , 2021, 9, e10713.	0.9	7
76	The Challenges of Studying Vertebrates in Habitat Treatment Plots. <i>Open Environmental Sciences</i> , 2010, 4, 21-23.	0.8	7
77	Sixty years of change in avian communities of the Pacific Northwest. <i>PeerJ</i> , 2015, 3, e1152.	0.9	7
78	Conservation de la biodiversité dans les paysages forestiers aménagés : utilisation des seuils critiques de l'habitat. <i>Forestry Chronicle</i> , 2010, 86, 572-579.	0.5	6
79	Homing Behavior and Survival of Pygmy Rabbits After Experimental Translocation. <i>Western North American Naturalist</i> , 2012, 72, 569-581.	0.2	6
80	Effect of photoperiod on incubation period in a wild passerine, <i>Sylvia atricapilla</i> . <i>Journal of Avian Biology</i> , 2014, 45, 359-364.	0.6	6
81	Development syndromes in New World temperate and tropical songbirds. <i>PLoS ONE</i> , 2020, 15, e0233627.	1.1	6
82	Bird Occupancy of a Neotropical Forest Fragment Is Mostly Stable over 17 Years but Influenced by Forest Age. <i>Diversity</i> , 2021, 13, 50.	0.7	6
83	Nest Survival of Understory Birds in Longleaf Pine Forests Exposed to Fire and Fire-Surrogate Treatments. <i>Open Environmental Sciences</i> , 2010, 4, 63-69.	0.8	6
84	A comparison of remotely sensed environmental predictors for avian distributions. <i>Landscape Ecology</i> , 2022, 37, 997-1016.	1.9	6
85	Nest attendance by tropical and temperate passerine birds: Same constancy, different strategy. <i>Ecology and Evolution</i> , 2019, 9, 13555-13566.	0.8	5
86	Put some muscle behind it: Understanding movement capacity of tropical birds. <i>Auk</i> , 0, , .	0.7	5
87	FOREST BIRD COMMUNITY STRUCTURE IN CENTRAL PANAMA: INFLUENCE OF SPATIAL SCALE AND BIOGEOGRAPHY. , 2000, 70, 209.		5
88	Big Bird Plots: Benchmarking Neotropical Bird Communities to Address Questions in Ecology and Conservation in an Era of Rapid Change. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	5
89	Current and Forthcoming Approaches for Benchmarking Genetic and Genomic Diversity. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	4
90	Characterizing the Influence of Domestic Cats on Birds with Wildlife Rehabilitation Center Data. <i>Diversity</i> , 2021, 13, 322.	0.7	4

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91	Nest Site Characteristics and Factors Affecting Nest Success of Greater Sage-grouse. Open Ornithology Journal, 2009, 2, 1-6.	0.4	4
92	A Natural Experiment: Heterospecific Cross-fostering of House Wrens ( <i>Troglodytes aedon</i> ) by Tree Swallows ( <i>Tachycineta bicolor</i> ). American Midland Naturalist, 2009, 162, 382-387.	0.2	3
93	Teaching Bird Identification & Vocabulary with Twitter. American Biology Teacher, 2015, 77, 458-461.	0.1	3
94	Spatial Analysis of Greater Sage-grouse Habitat Use in Relation to Landscape Level Habitat Structure. Journal of Ecosystem & Ecography, 2016, 6, .	0.2	3
95	Louisiana Waterthrush ( <i>Parkesia motacilla</i> ). , 2009, , .		3
96	Editorial: Benchmarking Biodiversity in an Era of Rapid Change. Frontiers in Ecology and Evolution, 2021, 9, .	1.1	3
97	Myoglobin as a conservationâ€relevant predictor of shortâ€distance flight capacity in Neotropical forest birds. Biotropica, 2022, 54, 327-333.	0.8	3
98	Urbanization is associated with unique community simplification among birds in a neotropical landscape. Landscape Ecology, 2022, 37, 209-231.	1.9	3
99	White-necked Puffbird Captures Rufous-tailed Hummingbird. The Wilson Bulletin, 2003, 115, 486-487.	0.5	2
100	Small Mammal Abundance in Mountain Big Sagebrush Communities after Fire and Vegetation Recovery. Western North American Naturalist, 2016, 76, 326.	0.2	2
101	A Framework for Investigating Rules of Life Across Disciplines. Integrative and Comparative Biology, 2022, 61, 2208-2217.	0.9	2
102	Biparental incubation and allofeeding at nests of Sagebrush Brewer's Sparrows. Journal of Field Ornithology, 2015, 86, 153-162.	0.3	1
103	Idiosyncratic changes in spring arrival dates of Pacific Northwest migratory birds. PeerJ, 2019, 7, e7999.	0.9	1
104	Weather explains differences in sagebrush-obligate songbird nest success under various grazing regimes. Global Ecology and Conservation, 2022, 34, e02010.	1.0	1
105	Dramatic Declines of Evening Grosbeak Numbers at a Spring Migration Stop-Over Site. Diversity, 2022, 14, 496.	0.7	1
106	Connectivity and Tropical Hummingbird Movement. Bulletin of the Ecological Society of America, 2015, 96, 161-164.	0.2	0
107	Avian Abundances on Yap, Federated States of Micronesia, after Typhoon Sudall. Pacific Science, 2016, 70, 431-435.	0.2	0
108	Elevated inbreeding in <i>Heliconia tortuosa</i> is determined by tropical forest stand age, isolation and loss of hummingbird functional diversity. Molecular Ecology, 2022, 31, 4465-4477.	2.0	0