

Elizabeth P Derryberry

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

6,660
citations

159585

30
h-index

76900

74
g-index

86
all docs

86
docs citations

86
times ranked

7640
citing authors

#	ARTICLE	IF	CITATIONS
1	Whole-genome analyses resolve early branches in the tree of life of modern birds. <i>Science</i> , 2014, 346, 1320-1331.	12.6	1,583
2	Comparative genomics reveals insights into avian genome evolution and adaptation. <i>Science</i> , 2014, 346, 1311-1320.	12.6	895
3	The drivers of tropical speciation. <i>Nature</i> , 2014, 515, 406-409.	27.8	452
4	AVONET: morphological, ecological and geographical data for all birds. <i>Ecology Letters</i> , 2022, 25, 581-597.	6.4	280
5	LINEAGE DIVERSIFICATION AND MORPHOLOGICAL EVOLUTION IN A LARGE-SCALE CONTINENTAL RADIATION: THE NEOTROPICAL OVENBIRDS AND WOODCREEPERS (AVES: FURNARIIDAE). <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 2973-2986.	2.3	275
6	High dispersal ability inhibits speciation in a continental radiation of passerine birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 1567-1574.	2.6	274
7	<sc>hzar</sc>: hybrid zone analysis using an R software package. <i>Molecular Ecology Resources</i> , 2014, 14, 652-663.	4.8	253
8	Earth history and the passerine superradiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 7916-7925.	7.1	238
9	Species coexistence and the dynamics of phenotypic evolution in adaptive radiation. <i>Nature</i> , 2014, 506, 359-363.	27.8	181
10	The evolution of a tropical biodiversity hotspot. <i>Science</i> , 2020, 370, 1343-1348.	12.6	179
11	Singing in a silent spring: Birds respond to a half-century soundscape reversion during the COVID-19 shutdown. <i>Science</i> , 2020, 370, 575-579.	12.6	165
12	SONG DIVERGENCE BY SENSORY DRIVE IN AMAZONIAN BIRDS. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, no-no.	2.3	134
13	Ecology Shapes Birdsong Evolution: Variation in Morphology and Habitat Explains Variation in White-crowned Sparrow Song. <i>American Naturalist</i> , 2009, 174, 24-33.	2.1	127
14	Song evolution, speciation, and vocal learning in passerine birds. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 786-796.	2.3	92
15	Birdsongs keep pace with city life: changes in song over time in an urban songbird affects communication. <i>Animal Behaviour</i> , 2012, 83, 1059-1066.	1.9	90
16	CORRELATED EVOLUTION OF BEAK MORPHOLOGY AND SONG IN THE NEOTROPICAL WOODCREEPER RADIATION. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 2784-2797.	2.3	88
17	Not so sexy in the city: urban birds adjust songs to noise but compromise vocal performance. <i>Behavioral Ecology</i> , 2016, 27, 332-340.	2.2	86
18	Next-generation sequencing reveals phylogeographic structure and a species tree for recent bird divergences. <i>Molecular Phylogenetics and Evolution</i> , 2012, 62, 397-406.	2.7	82

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19	Ecological drivers of song evolution in birds: Disentangling the effects of habitat and morphology. <i>Ecology and Evolution</i> , 2018, 8, 1890-1905.	1.9	74
20	Behavioural response to song and genetic divergence in two subspecies of white-crowned sparrows (<i>Zonotrichia leucophrys</i>). <i>Molecular Ecology</i> , 2017, 26, 3011-3027.	3.9	61
21	Patterns of Song across Natural and Anthropogenic Soundscapes Suggest That White-Crowned Sparrows Minimize Acoustic Masking and Maximize Signal Content. <i>PLoS ONE</i> , 2016, 11, e0154456.	2.5	60
22	EVOLUTION OF BIRD SONG AFFECTS SIGNAL EFFICACY: AN EXPERIMENTAL TEST USING HISTORICAL AND CURRENT SIGNALS. <i>Evolution; International Journal of Organic Evolution</i> , 2007, 61, 1938-1945.	2.3	57
23	Parasite-mediated heterozygote advantage in an outbred songbird population. <i>Biology Letters</i> , 2005, 1, 105-107.	2.3	56
24	Nonlocal male mountain white-crowned sparrows have lower paternity and higher parasite loads than males singing local dialect. <i>Behavioral Ecology</i> , 2002, 13, 682-689.	2.2	55
25	The Effects of Landscape Urbanization on the Gut Microbiome: An Exploration Into the Gut of Urban and Rural White-Crowned Sparrows. <i>Frontiers in Ecology and Evolution</i> , 2018, 6, .	2.2	49
26	Urban sparrows respond to a sexually selected trait with increased aggression in noise. <i>Scientific Reports</i> , 2018, 8, 7505.	3.3	49
27	White-crowned sparrow males show immediate flexibility in song amplitude but not in song minimum frequency in response to changes in noise levels in the field. <i>Ecology and Evolution</i> , 2017, 7, 4991-5001.	1.9	38
28	Ecological Opportunity and Diversification in a Continental Radiation of Birds: Climbing Adaptations and Cladogenesis in the Furnariidae. <i>American Naturalist</i> , 2012, 179, 649-666.	2.1	36
29	Acoustic adaptation to city noise through vocal learning by a songbird. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181356.	2.6	35
30	Male response to historical and geographical variation in bird song. <i>Biology Letters</i> , 2011, 7, 57-59.	2.3	34
31	Vocal performance is a salient signal for male-male competition in White-crowned Sparrows. <i>Auk</i> , 2017, 134, 564-574.	1.4	32
32	Immediate signaling flexibility in response to experimental noise in urban, but not rural, white-crowned sparrows. <i>Ecosphere</i> , 2017, 8, e01916.	2.2	32
33	Songbirds learn songs least degraded by environmental transmission. <i>Biology Letters</i> , 2012, 8, 736-739.	2.3	31
34	Equivalent effects of bandwidth and trill rate: support for a performance constraint as a competitive signal. <i>Animal Behaviour</i> , 2017, 132, 209-215.	1.9	29
35	Sub-lethal exposure to lead is associated with heightened aggression in an urban songbird. <i>Science of the Total Environment</i> , 2019, 654, 593-603.	8.0	29
36	Evaluation of non-lethal gut microbiome sampling methods in a passerine bird. <i>Ibis</i> , 2020, 162, 911-923.	1.9	28

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37	Systematics, biogeography, and diversification of <i>Scytalopus tapaculos</i> (Rhinocryptidae), an enigmatic radiation of Neotropical montane birds. <i>Auk</i> , 2020, 137, .	1.4	26
38	Differential introgression of a female competitive trait in a hybrid zone between sex-role reversed species. <i>Evolution; International Journal of Organic Evolution</i> , 2019, 73, 188-201.	2.3	25
39	Effects of Urbanization and Landscape on Gut Microbiomes in White-Crowned Sparrows. <i>Microbial Ecology</i> , 2021, 81, 253-266.	2.8	24
40	<i>Haemoproteus</i> infected birds have increased lifetime reproductive success. <i>Parasitology</i> , 2015, 142, 1033-1043.	1.5	23
41	Surviving in the city: higher apparent survival for urban birds but worse condition on noisy territories. <i>Ecosphere</i> , 2018, 9, e02440.	2.2	23
42	Simulated heat waves reduce cognitive and motor performance of an endotherm. <i>Ecology and Evolution</i> , 2021, 11, 2261-2272.	1.9	21
43	The Mouse-colored Tyrannulet (<i>Phaeomyias murina</i>) is a species complex that includes the Cocos Flycatcher (<i>Nesotriccus ridgwayi</i>), an island form that underwent a population bottleneck. <i>Molecular Phylogenetics and Evolution</i> , 2016, 101, 294-302.	2.7	20
44	Phylogenomics of manakins (Aves: Pipridae) using alternative locus filtering strategies based on informativeness. <i>Molecular Phylogenetics and Evolution</i> , 2021, 155, 107013.	2.7	20
45	Increased attenuation and reverberation are associated with lower maximum frequencies and narrow bandwidth of bird songs in cities. <i>Journal of Ornithology</i> , 2020, 161, 593-608.	1.1	19
46	Elevated temperatures reduce discrimination between conspecific and heterospecific sexual signals. <i>Animal Behaviour</i> , 2019, 147, 9-15.	1.9	18
47	The dynamics of introgression across an avian radiation. <i>Evolution Letters</i> , 2021, 5, 568-581.	3.3	15
48	Phylogeny and Classification of Automolus Foliage-gleaners and Allies (Furnariidae). <i>Condor</i> , 2013, 115, 375-385.	1.6	14
49	Polyphyly of <i>Campylorhamphus</i> , and Description of a New Genus for <i>C. pucherani</i> (Dendrocolaptinae). <i>Auk</i> , 2010, 127, 430-439.	1.4	12
50	What is Known and not Known About Acoustic Communication in an Urban Soundscape. <i>Integrative and Comparative Biology</i> , 2021, 61, 1783-1794.	2.0	12
51	<i>Pseudasthenes</i> , a new genus of ovenbird (Aves: Passeriformes: Furnariidae). <i>Zootaxa</i> , 2010, 2416, 61.	0.5	10
52	Evidence for differing trajectories of songs in urban and rural populations. <i>Behavioral Ecology</i> , 2019, 30, 1734-1742.	2.2	10
53	Ecology and behavior predict an evolutionary trade-off between song complexity and elaborate plumages in antwrens (Aves, Thamnophilidae). <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 2388-2410.	2.3	10
54	Experimental Exposure to Noise Alters Gut Microbiota in a Captive Songbird. <i>Microbial Ecology</i> , 2022, 84, 1264-1277.	2.8	10

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55	Allopatric Speciation Drives Diversification of Ecological Specialists on Sandhills. <i>International Journal of Plant Sciences</i> , 2018, 179, 325-339.	1.3	9
56	High temperatures reduce song production and alter signal salience in songbirds. <i>Animal Behaviour</i> , 2021, 180, 13-22.	1.9	8
57	<i>Certhiasomus</i> , a new genus of woodcreeper (Aves: Passeriformes: Dendrocolaptidae). <i>Zootaxa</i> , 2010, 2416, 44.	0.5	7
58	<i>Geocerthia</i> , a new genus of terrestrial ovenbird (Aves: Passeriformes: Furnariidae). <i>Zootaxa</i> , 2009, 2213, 64-68.	0.5	6
59	Female cognitive performance and mass are correlated with different aspects of mate choice in the zebra finch (<i>Taeniopygia guttata</i>). <i>Animal Cognition</i> , 2019, 22, 1085-1094.	1.8	6
60	Territory Quality Predicts Avian Vocal Performance Across an Urban-Rural Gradient. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	2.2	6
61	Phylogeography of the Variable Antshrike (<i>Thamnophilus caerulescens</i>), a South American passerine distributed along multiple environmental gradients. <i>Molecular Phylogenetics and Evolution</i> , 2020, 148, 106810.	2.7	6
62	Geographic variation and phylogenetic relationships of <i>Myiopagis olallai</i> (Aves: Passeriformes;). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462</i>	0.5	5
63	Defining the multidimensional phenotype: New opportunities to integrate the behavioral ecology and behavioral neuroscience of vocal learning. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 125, 328-338.	6.1	5
64	The relative response of songbirds to shifts in song amplitude and song minimum frequency. <i>Behavioral Ecology</i> , 0, , arw172.	2.2	3
65	Species and sex differences in vocalizations between sex-role reversed shorebirds, Northern Jacana (<i>Jacana spinosa</i>) and Wattled Jacana (<i>J. jacana</i>). <i>Wilson Journal of Ornithology</i> , 2021, 132, .	0.2	3
66	Phylogenomic analyses reveal non-monophyly of the antbird genera <i>Herpsilochmus</i> and <i>Sakesphorus</i> (<i>Thamnophilidae</i>), with description of a new genus for <i>Herpsilochmus sellowi</i> . <i>Auk</i> , 2021, 138, .	1.4	3
67	Differences in plumage coloration predict female but not male territorial responses in three antbird sister species pairs. <i>Animal Behaviour</i> , 2021, 182, 107-124.	1.9	3
68	How thermal challenges change gene regulation in the songbird brain and gonad: Implications for sexual selection in our changing world. <i>Molecular Ecology</i> , 2022, 31, 3613-3626.	3.9	3
69	Providing urban birds nutritious food to feed chicks reduces urban versus rural breeding success disparities. <i>Journal of Animal Ecology</i> , 2020, 89, 1546-1548.	2.8	2
70	Female zebra finches prefer the songs of males who quickly solve a novel foraging task to the songs of males unable to solve the task. <i>Ecology and Evolution</i> , 2020, 10, 10281-10291.	1.9	2
71	Investigating the utility of traditional and genomic multi-locus datasets to resolve relationships in <i>Lipaugus</i> and <i>Tijuca</i> (<i>Cotingidae</i>). <i>Molecular Phylogenetics and Evolution</i> , 2020, 147, 106779.	2.7	2
72	U-Th dating of Holocene age <i>Acropora prolifera</i> (Lamarck, 1816) colonies confirms coral hybridization is not a recent phenomenon.. <i>Proceedings of the Biological Society of Washington</i> , 2020, 133, 35.	0.3	2

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73	Dawn song in natural and artificial continuous day: Light pollution affects songbirds at high latitudes. <i>Journal of Animal Ecology</i> , 2017, 86, 1283-1285.	2.8	1
74	Long-term changes of plumage between urban and rural populations of white-crowned sparrows (<i>Zonotrichia leucophrys</i>). <i>Journal of Urban Ecology</i> , 2021, 7, .	1.5	1
75	Loye and Alden Miller Research Award 2017, to Carol M. Vleck. <i>Condor</i> , 2017, 119, 868-869.	1.6	0
76	William Brewster Memorial Award 2017, to James D. Nichols. <i>Auk</i> , 2018, 135, 162-162.	1.4	0
77	Marion Jenkinson Service Award 2017, to Erica "Ricky" Dunn. <i>Auk</i> , 2018, 135, 167-167.	1.4	0
78	Elliott Coues Award 2017, to Kevin J. McGraw. <i>Auk</i> , 2018, 135, 163-163.	1.4	0
79	A revised classification of the Xolmiini (Aves: Tyrannidae: Fluvicolinae), including a new genus for <i>Muscisaxicola fluviatilis</i> . <i>Proceedings of the Biological Society of Washington</i> , 2020, 133, .	0.3	0
80	Cover Image: Volume 25 Number 3, March 2022. <i>Ecology Letters</i> , 2022, 25, .	6.4	0