

Michael S Webster

List of Publications by Year in descending order

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113
papers

5,010
citations

101543

36
h-index

106344

65
g-index

117
all docs

117
docs citations

117
times ranked

4197
citing authors

#	ARTICLE	IF	CITATIONS
1	Links between worlds: unraveling migratory connectivity. <i>Trends in Ecology and Evolution</i> , 2002, 17, 76-83.	8.7	1,013
2	MEASURING THE EFFECTS OF PAIRING SUCCESS, EXTRA-PAIR COPULATIONS AND MATE QUALITY ON THE OPPORTUNITY FOR SEXUAL SELECTION. <i>Evolution; International Journal of Organic Evolution</i> , 1995, 49, 1147-1157.	2.3	215
3	GENOMIC AND MORPHOLOGICAL ANALYSIS OF A SEMIPERMEABLE AVIAN HYBRID ZONE SUGGESTS ASYMMETRICAL INTROGRESSION OF A SEXUAL SIGNAL. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 2644-2657.	2.3	112
4	Microsatellite identification of extrapair sires in a socially monogamous warbler. <i>Behavioral Ecology</i> , 2001, 12, 439-446.	2.2	110
5	SEXUAL DIMORPHISM, MATING SYSTEM AND BODY SIZE IN NEW WORLD BLACKBIRDS (ICTERINAE). <i>Evolution; International Journal of Organic Evolution</i> , 1992, 46, 1621-1641.	2.3	108
6	The opportunity for sexual selection: not mismeasured, just misunderstood. <i>Journal of Evolutionary Biology</i> , 2011, 24, 2064-2071.	1.7	104
7	PROMISCUITY DRIVES SEXUAL SELECTION IN A SOCIALLY MONOGAMOUS BIRD. <i>Evolution; International Journal of Organic Evolution</i> , 2007, 61, 2205-2211.	2.3	95
8	Sexual Dimorphism, Mating System and Body Size in New World Blackbirds (Icterinae). <i>Evolution; International Journal of Organic Evolution</i> , 1992, 46, 1621.	2.3	94
9	Measuring the Effects of Pairing Success, Extra-Pair Copulations and Mate Quality on the Opportunity for Sexual Selection. <i>Evolution; International Journal of Organic Evolution</i> , 1995, 49, 1147.	2.3	94
10	Reproductive promiscuity in the splendid fairy-wren: effects of group size and auxiliary reproduction. <i>Behavioral Ecology</i> , 2004, 15, 907-915.	2.2	93
11	Cloacal protuberances and extreme sperm production in Australian fairy-wrens. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1996, 263, 1359-1364.	2.6	89
12	EXTRAPAIR PATERNITY AND SEXUAL SELECTION IN SOCIALLY MONOGAMOUS BIRDS: ARE TROPICAL BIRDS DIFFERENT?. <i>Auk</i> , 2008, 125, 769-777.	1.4	88
13	Plumage color and reproduction in the red-backed fairy-wren: Why be a dull breeder?. <i>Behavioral Ecology</i> , 2008, 19, 517-524.	2.2	82
14	The effectiveness of mate guarding by male black-throated blue warblers. <i>Behavioral Ecology</i> , 2001, 12, 541-546.	2.2	78
15	Extrapair Paternity and Local Synchrony in the Black-Throated Blue Warbler. <i>Auk</i> , 1999, 116, 726-736.	1.4	75
16	Genetic similarity of social mates predicts the level of extrapair paternity in splendid fairy-wrens. <i>Animal Behaviour</i> , 2005, 70, 945-955.	1.9	72
17	Behavioral Isolation and Incipient Speciation in Birds. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2018, 49, 1-24.	8.3	71
18	Cuckoldry as a cost of polyandry in the sex-role-reversed wattled jacana, <i>Jacana jacana</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998, 265, 2359-2364.	2.6	70

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19	Sexually Selected Male Plumage Color Is Testosterone Dependent in a Tropical Passerine Bird, the Red-Backed Fairy-Wren (<i>Malurus melanocephalus</i>). <i>PLoS ONE</i> , 2011, 6, e26067.	2.5	65
20	Montezuma oropendolas modify a component of song constrained by body size during vocal contests. <i>Animal Behaviour</i> , 2006, 71, 799-807.	1.9	63
21	Bill coloration, a flexible signal in a tropical passerine bird, is regulated by social environment and androgens. <i>Animal Behaviour</i> , 2011, 81, 795-800.	1.9	62
22	Extrapair copulations reduce inbreeding for female red-backed fairy-wrens, <i>Malurus melanocephalus</i> . <i>Animal Behaviour</i> , 2012, 83, 857-864.	1.9	61
23	Doubleâ€digest RAD sequencing outperforms microsatellite loci at assigning paternity and estimating relatedness: A proof of concept in a highly promiscuous bird. <i>Molecular Ecology Resources</i> , 2018, 18, 953-965.	4.8	61
24	Male Parental Care and Polygyny in Birds. <i>American Naturalist</i> , 1991, 137, 274-280.	2.1	60
25	Warm Springs, Early Lay Dates, and Double Brooding in a North American Migratory Songbird, the Black-Throated Blue Warbler. <i>PLoS ONE</i> , 2013, 8, e59467.	2.5	60
26	A comparative assessment of <scp>SNP</scp> and microsatellite markers for assigning parentage in a socially monogamous bird. <i>Molecular Ecology Resources</i> , 2017, 17, 183-193.	4.8	57
27	Experimental evidence that extra-pair mating drives asymmetrical introgression of a sexual trait. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20132175.	2.6	56
28	Plumage coloration, ejaculate quality and reproductive phenotype in the red-backed fairy-wren. <i>Animal Behaviour</i> , 2010, 79, 1239-1246.	1.9	55
29	Sex-specific effects of yolk-androgens on growth of nestling American kestrels. <i>Behavioral Ecology and Sociobiology</i> , 2008, 62, 617-625.	1.4	54
30	A CALL FOR FEATHER SAMPLING. <i>Auk</i> , 2003, 120, 218.	1.4	51
31	Paternity and paternal effort in the pumpkinseed sunfish. <i>Behavioral Ecology</i> , 2005, 16, 914-921.	2.2	51
32	Multiple hypotheses explain variation in extraâ€pair paternity at different levels in a single bird family. <i>Molecular Ecology</i> , 2017, 26, 6717-6729.	3.9	51
33	The effects of delayed plumage maturation on aggression and survival in male red-backed fairy-wrens. <i>Behavioral Ecology</i> , 2008, 19, 508-516.	2.2	50
34	Plumage colour acquisition and behaviour are associated with androgens in a phenotypically plastic tropical bird. <i>Animal Behaviour</i> , 2009, 77, 1525-1532.	1.9	45
35	Paternity and parental care in the black-throated blue warbler, <i>Dendroica caerulescens</i> . <i>Animal Behaviour</i> , 2001, 62, 83-92.	1.9	43
36	Colonization genetics of an animalâ€dispersed plant (<i>Vaccinium membranaceum</i>) at Mount St Helens, Washington. <i>Molecular Ecology</i> , 2008, 17, 731-740.	3.9	41

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37	Genetic divergence and migration patterns in a North American passerine bird: implications for evolution and conservation. <i>Molecular Ecology</i> , 2006, 15, 2141-2152.	3.9	40
38	Assessing the effect of sound file compression and background noise on measures of acoustic signal structure. <i>Bioacoustics</i> , 2019, 28, 57-73.	1.7	40
39	Spatial decoupling of song and plumage generates novel phenotypes between 2 avian subspecies. <i>Behavioral Ecology</i> , 2013, 24, 1004-1013.	2.2	36
40	Social costs are an underappreciated force for honest signalling in animal aggregations. <i>Animal Behaviour</i> , 2018, 143, 167-176.	1.9	36
41	Asymmetric discrimination of geographical variation in song in a migratory passerine. <i>Animal Behaviour</i> , 2010, 80, 311-318.	1.9	35
42	Testosterone activates sexual dimorphism including male-typical carotenoid but not melanin plumage pigmentation in a female bird. <i>Journal of Experimental Biology</i> , 2016, 219, 3091-3099.	1.7	34
43	Female-defence polygyny in a Neotropical bird, the Montezuma oropendola. <i>Animal Behaviour</i> , 1994, 48, 779-794.	1.9	33
44	Use of Microsatellites for Parentage and Kinship Analyses in Animals. <i>Methods in Enzymology</i> , 2005, 395, 222-238.	1.0	33
45	Phylogeography of a Widespread North American Migratory Songbird (<i>Setophaga ruticilla</i>). <i>Journal of Heredity</i> , 2008, 99, 453-463.	2.4	33
46	The heterozygosity theory of extra-pair mate choice in birds: a test and a cautionary note. <i>Journal of Avian Biology</i> , 2005, 36, 146-154.	1.2	31
47	The relative importance of male tail length and nuptial plumage on social dominance and mate choice in the red-backed fairywren (<i>Malurus melanocephalus</i>): evidence for the multiple receiver hypothesis. <i>Journal of Avian Biology</i> , 2009, 40, 559-568.	1.2	31
48	Experimental food supplementation reveals habitat-dependent male reproductive investment in a migratory bird. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142523.	2.6	30
49	Vocal imitation of mother's calls by begging Red-backed Fairywren nestlings increases parental provisioning. <i>Auk</i> , 2016, 133, 273-285.	1.4	30
50	Conspicuous Plumage Does Not Increase Predation Risk: A Continent-Wide Test Using Model Songbirds. <i>American Naturalist</i> , 2019, 193, 359-372.	2.1	30
51	Comparative bioacoustics: a roadmap for quantifying and comparing animal sounds across diverse taxa. <i>Biological Reviews</i> , 2021, 96, 1135-1159.	10.4	30
52	An experimental test of duet function in a fairy-wren (<i>Malurus</i>) with moderate cuckoldry rates. <i>Behavioral Ecology</i> , 2016, 27, 228-236.	2.2	29
53	Problems with using large-scale oceanic climate indices to compare climatic sensitivities across populations and species. <i>Ecography</i> , 2013, 36, 249-255.	4.5	27
54	The form and function of duets and choruses in Red-backed Fairy-wrens. <i>Emu</i> , 2013, 113, 282-293.	0.6	27

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55	Testosterone regulates <i>CYP2J19</i> -linked carotenoid signal expression in male red-backed fairywrens (<i>Malurus melanocephalus</i>). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201687.	2.6	27
56	Variation in song system anatomy and androgen levels does not correspond to song characteristics in a tropical songbird. <i>Animal Behaviour</i> , 2015, 104, 39-50.	1.9	26
57	Extreme Sexual Size Dimorphism, Sexual Selection, and the Foraging Ecology of Montezuma Oropendolas. <i>Auk</i> , 1997, 114, 570-580.	1.4	25
58	Differential rates of phenotypic introgression are associated with male behavioral responses to multiple signals. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 2602-2612.	2.3	25
59	Do androgens link morphology and behaviour to produce phenotype-specific behavioural strategies?. <i>Animal Behaviour</i> , 2015, 100, 116-124.	1.9	25
60	The couple that sings together stays together: duetting, aggression and extra-pair paternity in a promiscuous bird species. <i>Biology Letters</i> , 2016, 12, 20151025.	2.3	25
61	Offspring sex ratios reflect lack of repayment by auxiliary males in a cooperatively breeding passerine. <i>Behavioral Ecology and Sociobiology</i> , 2010, 64, 967-977.	1.4	24
62	Duetting behavior in a Neotropical ovenbird: sexual and seasonal variation and adaptive signaling functions. <i>Journal of Avian Biology</i> , 2018, 49, jav-01637.	1.2	24
63	The interacting effects of food, spring temperature, and global climate cycles on population dynamics of a migratory songbird. <i>Global Change Biology</i> , 2016, 22, 544-555.	9.5	23
64	A molecular genetic examination of the mating system of pumpkinseed sunfish reveals high payoffs for specialized sneakers. <i>Molecular Ecology</i> , 2008, 17, 2310-2320.	3.9	22
65	Dealing with Uncertainty. <i>Advances in the Study of Behavior</i> , 2010, 42, 123-153.	1.6	22
66	Molecular identification of brood-parasitic females reveals an opportunistic reproductive tactic in ruddy ducks. <i>Molecular Ecology</i> , 2010, 19, 401-413.	3.9	20
67	Ecological and Social Factors Constrain Spatial and Temporal Opportunities for Mating in a Migratory Songbird. <i>American Naturalist</i> , 2017, 189, 283-296.	2.1	20
68	Interspecific Brood Parasitism of Montezuma Oropendolas by Giant Cowbirds: Parasitism or Mutualism?. <i>Condor</i> , 1994, 96, 794-798.	1.6	19
69	Duetting correlates with territory quality and reproductive success in a suboscine bird with low extra-pair paternity. <i>Auk</i> , 2019, 136, .	1.4	19
70	The role of ecological variation in driving divergence of sexual and non-sexual traits in the red-backed fairy-wren (<i>Malurus melanocephalus</i>). <i>BMC Evolutionary Biology</i> , 2013, 13, 75.	3.2	18
71	Male-like ornamentation in female hummingbirds results from social harassment rather than sexual selection. <i>Current Biology</i> , 2021, 31, 4381-4387.e6.	3.9	18
72	Female Red-backed Fairy-Wrens (<i>Malurus melanocephalus</i>) do not appear to pay a cost for high rates of promiscuity. <i>Auk</i> , 2012, 129, 529-536.	1.4	16

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73	Body condition influences sexual signal expression independent of circulating androgens in male red-backed fairy-wrens. <i>General and Comparative Endocrinology</i> , 2013, 183, 38-43.	1.8	16
74	Cooperative Breeding in the Campo Flicker II. <i>Condor</i> , 2013, 115, 855-862.	1.6	16
75	Mechanical stimulation of bioluminescence in the deep Pacific Ocean. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1991, 38, 201-217.	1.5	15
76	The Spatial and Temporal Distribution of Breeding Female Montezuma Oropendolas: Effects on Male Mating Strategies. <i>Condor</i> , 1994, 96, 722-733.	1.6	15
77	Courtship Disruptions and Male Mating Strategies: Examples from Female Defense Mating Systems. <i>American Naturalist</i> , 1999, 154, 717-729.	2.1	15
78	Isolation and characterization of variable microsatellite loci in <i>Lilium philadelphicum</i> (Liliaceae). <i>Molecular Ecology Notes</i> , 2003, 3, 412-413.	1.7	15
79	Kin Signatures Learned in the Egg? Red-Backed Fairy-Wren Songs Are Similar to Their Mother's In-Nest Calls and Songs. <i>Frontiers in Ecology and Evolution</i> , 2016, 4, .	2.2	15
80	Migratory Connectivity. , 2019, , 643-654.		15
81	Phenotypic plasticity in hormonal and behavioural responses to changes in resource conditions in a migratory songbird. <i>Animal Behaviour</i> , 2014, 96, 19-29.	1.9	14
82	Working with what you've got: unattractive males show greater mate-guarding effort in a duetting songbird. <i>Biology Letters</i> , 2017, 13, 20160682.	2.3	14
83	Conservation Genetics of Remnant <i>Lilium philadelphicum</i> Populations in the Midwestern United States. <i>American Midland Naturalist</i> , 2009, 161, 286-300.	0.4	13
84	Cooperative Breeding in the Campo Flicker I. <i>Condor</i> , 2013, 115, 847-854.	1.6	13
85	Partners coordinate territorial defense against simulated intruders in a duetting ovenbird. <i>Ecology and Evolution</i> , 2020, 10, 81-92.	1.9	13
86	Analytical approaches for evaluating passive acoustic monitoring data: A case study of avian vocalizations. <i>Ecology and Evolution</i> , 2022, 12, e8797.	1.9	12
87	Helping enhances productivity in campo flicker (<i>Colaptes campestris</i>) cooperative groups. <i>Die Naturwissenschaften</i> , 2015, 102, 31.	1.6	11
88	Cross-fostering alters advertisement vocalizations of grasshopper mice (<i>Onychomys</i>): Evidence for the developmental stress hypothesis. <i>Physiology and Behavior</i> , 2016, 157, 265-269.	2.1	11
89	Genetic Distinctiveness of Endangered Dwarf Blue Sheep (<i>Pseudois nayaur schaeferi</i>): Evidence From Mitochondrial Control Region and Y-Linked ZFY Intron Sequences. , 2001, 92, 9-15.		10
90	Subtle benefits of cooperation to breeding males of the Red-backed Fairywren. <i>Auk</i> , 2016, 133, 286-297.	1.4	10

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91	Vocal divergence is concordant with genomic evidence for strong reproductive isolation in grasshopper mice (<i>Onychomys</i>). <i>Ecology and Evolution</i> , 2019, 9, 12886-12896.	1.9	10
92	How do novel signals originate? The evolution of fairy-wren songs from predator to display contexts. <i>Animal Behaviour</i> , 2014, 88, 57-65.	1.9	9
93	Characterizing selection in black-throated blue warblers using a sexual network approach. <i>Journal of Evolutionary Biology</i> , 2017, 30, 2177-2188.	1.7	9
94	Common Field Data Limitations Can Substantially Bias Sexual Selection Metrics. <i>American Naturalist</i> , 2020, 196, 180-196.	2.1	8
95	Patterns of genetic divergence and demographic history shed light on island-mainland population dynamics and melanic plumage evolution in the white-winged Fairywren*. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 1348-1360.	2.3	8
96	Endocrine correlates of mate choice and promiscuity in females of a socially monogamous avian mating system with alternative male reproductive phenotypes. <i>Environmental Epigenetics</i> , 2014, 60, 804-815.	1.8	7
97	Acoustic and physical mate guarding have different effects on intruder behaviour in a duetting songbird. <i>Animal Behaviour</i> , 2018, 135, 69-75.	1.9	7
98	Variation in nest characteristics and brooding patterns of female Black-throated Blue Warblers is associated with thermal cues. <i>Auk</i> , 2018, 135, 733-747.	1.4	7
99	The use of molecular markers to study kinship in birds: techniques and questions. , 1998, , 7-35.		7
100	A Call for Feather Sampling. <i>Auk</i> , 2003, 120, 218-221.	1.4	7
101	Parental and alloparental investment in campo flickers (<i>Colaptes campestris campestris</i>): when relatedness comes first. <i>Behavioral Ecology and Sociobiology</i> , 2017, 71, 1.	1.4	6
102	Geographic patterns of song variation in four species of <i>Malurus</i> fairywrens. <i>Journal of Avian Biology</i> , 2018, 49, jav-01446.	1.2	6
103	A Call for Feather Sampling. <i>Auk</i> , 2003, 120, 218-221.	1.4	6
104	Social and abiotic factors differentially affect plumage ornamentation of young and old males in an Australian songbird. <i>Animal Behaviour</i> , 2021, 182, 173-188.	1.9	6
105	Sex role similarity and sexual selection predict male and female song elaboration and dimorphism in fairywrens. <i>Ecology and Evolution</i> , 2021, 11, 17901-17919.	1.9	6
106	Variance in within-pair reproductive success influences the opportunity for selection annually and over the lifetimes of males in a multibrooded songbird*. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 915-930.	2.3	5
107	Asymmetries in reproductive anatomy: insights from promiscuous songbirds. <i>Biological Journal of the Linnean Society</i> , 2019, 128, 569-582.	1.6	4
108	Rufous horneros perceive and alter temporal coordination of duets during territorial interactions. <i>Animal Behaviour</i> , 2021, 174, 175-185.	1.9	4

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109	Wildfire affects expression of male sexual plumage through suppressed testosterone circulation in a tropical songbird. <i>Journal of Avian Biology</i> , 2021, 52, .	1.2	4
110	Reconstructing the Evolutionary Origin of Polygyny in Red-Winged Blackbirds. <i>Auk</i> , 1999, 116, 1-4.	1.4	3
111	Sperm Numbers as a Paternity Guard in a Wild Bird. <i>Cells</i> , 2022, 11, 231.	4.1	3
112	Research Note Characterization of microsatellite markers for the Restinga Antwren, <i>Formicivora littoralis</i> (Thamnophilidae), an endangered bird endemic to Brazil. <i>Genetics and Molecular Research</i> , 2015, 14, 7986-7989.	0.2	0
113	SEPARATION OF PLATINUM METALS FROM SPENT AUTOCATALYSTS. , 2011, , .		0