

Michael D Sorenson

List of Publications by Year in descending order

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Version: 2024-02-01

100
papers

7,497
citations

57681

46
h-index

62345

84
g-index

102
all docs

102
docs citations

102
times ranked

7069
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic architecture facilitates then constrains adaptation in a host-parasite coevolutionary arms race. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2121752119.	3.3	11
2	Inter- and intra-archipelago dynamics of population structure and gene flow in a Polynesian bird. <i>Molecular Phylogenetics and Evolution</i> , 2021, 156, 107034.	1.2	4
3	Leveraging genomics to understand threats to migratory birds. <i>Evolutionary Applications</i> , 2021, 14, 1646-1658.	1.5	6
4	Variation in the Non-mimetic Vocalizations of Brood-Parasitic Indigobirds and Their Potential Role in Speciation. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	0
5	Population differentiation and historical demography of the threatened snowy plover <i>Charadrius nivosus</i> (Cassin, 1858). <i>Conservation Genetics</i> , 2020, 21, 387-404.	0.8	6
6	Variable phylogeographic histories of five forest birds with populations in Upper and Lower Guinea: implications for taxonomy and evolutionary conservation. <i>Ostrich</i> , 2019, 90, 257-270.	0.4	0
7	Phylogenomics clarifies biogeographic and evolutionary history, and conservation status of West Indian tremblers and thrashers (Aves: Mimidae). <i>Molecular Phylogenetics and Evolution</i> , 2019, 136, 196-205.	1.2	5
8	ddRAD-seq data reveal significant genome-wide population structure and divergent genomic regions that distinguish the mallard and close relatives in North America. <i>Molecular Ecology</i> , 2019, 28, 2594-2609.	2.0	37
9	Persistence of an endangered native duck, feral mallards, and multiple hybrid swarms across the main Hawaiian Islands. <i>Molecular Ecology</i> , 2019, 28, 5203-5216.	2.0	27
10	Multimodal signalling in estrildid finches: song, dance and colour are associated with different ecological and life-history traits. <i>Journal of Evolutionary Biology</i> , 2017, 30, 1336-1346.	0.8	31
11	Mosaic genome evolution in a recent and rapid avian radiation. <i>Nature Ecology and Evolution</i> , 2017, 1, 1912-1922.	3.4	93
12	Speciation is associated with changing ornamentation rather than stronger sexual selection. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 2823-2838.	1.1	36
13	Population genomic data delineate conservation units in mottled ducks (<i>Anas fulvigula</i>). <i>Biological Conservation</i> , 2016, 203, 272-281.	1.9	37
14	Ancient origin and maternal inheritance of blue cuckoo eggs. <i>Nature Communications</i> , 2016, 7, 10272.	5.8	66
15	ddRAD-seq phylogenetics based on nucleotide, indel, and presence-absence polymorphisms: Analyses of two avian genera with contrasting histories. <i>Molecular Phylogenetics and Evolution</i> , 2016, 94, 122-135.	1.2	61
16	De novo assembly of the dual transcriptomes of a polymorphic raptor species and its malarial parasite. <i>BMC Genomics</i> , 2015, 16, 1038.	1.2	15
17	Speciation genomics and a role for the Z chromosome in the early stages of divergence between Mexican ducks and mallards. <i>Molecular Ecology</i> , 2015, 24, 5364-5378.	2.0	70
18	Population genetic structure of a common host predicts the spread of white-nose syndrome, an emerging infectious disease in bats. <i>Molecular Ecology</i> , 2015, 24, 5495-5506.	2.0	37

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19	Rapid diversification associated with ecological specialization in Neotropical <i>Adelpha</i> butterflies. <i>Molecular Ecology</i> , 2015, 24, 2392-2405.	2.0	73
20	An experimental test of host song mimicry as a species recognition cue among male brood parasitic indigobirds (<i>Vidua</i> spp.). <i>Auk</i> , 2014, 131, 549-558.	0.7	6
21	Amplification Biases and Consistent Recovery of Loci in a Double-Digest RAD-seq Protocol. <i>PLoS ONE</i> , 2014, 9, e106713.	1.1	144
22	Genotyping HapSTR loci: phase determination from direct sequencing of PCR products. <i>Molecular Ecology Resources</i> , 2011, 11, 1068-1075.	2.2	8
23	A tale of two genomes: contrasting patterns of phylogeographic structure in a widely distributed bat. <i>Molecular Ecology</i> , 2011, 20, 357-375.	2.0	66
24	Replicated hybrid zones of <i>Xiphophorus</i> swordtails along an elevational gradient. <i>Molecular Ecology</i> , 2011, 20, 342-356.	2.0	83
25	Ancient host specificity within a single species of brood parasitic bird. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 17738-17742.	3.3	70
26	Community-level interactions and functional ecology of major workers in the hyperdiverse ground-foraging Pheidole (Hymenoptera, Formicidae) of Amazonian Ecuador. <i>Insectes Sociaux</i> , 2010, 57, 441-452.	0.7	33
27	Phylogenetic relationships of <i>Amazonetta</i> , <i>Specularnas</i> , <i>Lophonetta</i> , and <i>Tachyeres</i> : four morphologically divergent duck genera endemic to South America. <i>Journal of Avian Biology</i> , 2010, 41, 186-199.	0.6	25
28	Phylogenetic and structural analysis of the HbA ($\hat{1}\pm A/\hat{1}^2A$) and HbD ($\hat{1}\pm D/\hat{1}^2A$) hemoglobin genes in two high-altitude waterfowl from the Himalayas and the Andes: Bar-headed goose (<i>Anser indicus</i>) and Andean goose (<i>Chloephaga melanoptera</i>). <i>Molecular Phylogenetics and Evolution</i> , 2010, 56, 649-658.	1.2	42
29	Sexual imprinting misguides species recognition in a facultative interspecific brood parasite. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 3079-3085.	1.2	8
30	Incomplete reproductive isolation following host shift in brood parasitic indigobirds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 219-228.	1.2	22
31	Does coevolution promote species richness in parasitic cuckoos?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 3871-3879.	1.2	49
32	Androgen receptor CAG repeats and body composition among Ariaal men. <i>Journal of Developmental and Physical Disabilities</i> , 2009, 32, 140-148.	3.6	26
33	Parallel evolution in the major haemoglobin genes of eight species of Andean waterfowl. <i>Molecular Ecology</i> , 2009, 18, 3992-4005.	2.0	65
34	Origin of Bannerman's Turaco <i>Tauraco bannermani</i> in relation to historical climate change and the distribution of West African montane forests. <i>Ostrich</i> , 2009, 80, 1-7.	0.4	12
35	Strong mitochondrial DNA support for a Cretaceous origin of modern avian lineages. <i>BMC Biology</i> , 2008, 6, 6.	1.7	208
36	Phylogeny, biogeography and taxonomy of the African wattle-eyes (Aves: Passeriformes: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50,62 Td (P	1.2	27

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37	Comparing the genetics of wild and captive populations of White-headed Ducks <i>Oxyura leucocephala</i> : consequences for recovery programmes. <i>Ibis</i> , 2008, 150, 807-815.	1.0	10
38	Dopamine receptor genetic polymorphisms and body composition in undernourished pastoralists: An exploration of nutrition indices among nomadic and recently settled Ariaal men of northern Kenya. <i>BMC Evolutionary Biology</i> , 2008, 8, 173.	3.2	166
39	Computation vs. cloning: evaluation of two methods for haplotype determination. <i>Molecular Ecology Resources</i> , 2008, 8, 1239-1248.	2.2	137
40	GENETIC IDENTIFICATION OF EGGS PURPORTEDLY FROM THE EXTINCT LABRADOR DUCK (<i>CAMPTORHYNCHUS</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.7	11
41	The evolution of sexual dimorphism in parasitic cuckoos: sexual selection or coevolution?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 1553-1560.	1.2	45
42	Coevolution of Male and Female Genital Morphology in Waterfowl. <i>PLoS ONE</i> , 2007, 2, e418.	1.1	166
43	Genetic Identification of Eggs Purportedly From the Extinct Labrador Duck (<i>Camptorhynchus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	0.7	13
44	Single base errors in PCR products from avian museum specimens and their effect on estimates of historical genetic diversity. <i>Conservation Genetics</i> , 2007, 8, 879-884.	0.8	31
45	The ruddy duck <i>Oxyura jamaicensis</i> in Europe: natural colonization or human introduction?. <i>Molecular Ecology</i> , 2006, 15, 1441-1453.	2.0	21
46	Dispersal ecology versus host specialization as determinants of ectoparasite distribution in brood parasitic indigobirds and their estrildid finch hosts. <i>Molecular Ecology</i> , 2006, 16, 217-229.	2.0	24
47	Hybridization between white-headed ducks and introduced ruddy ducks in Spain. <i>Molecular Ecology</i> , 2006, 16, 629-638.	2.0	83
48	Population structure and loss of genetic diversity in the endangered white-headed duck, <i>Oxyura leucocephala</i> . <i>Conservation Genetics</i> , 2006, 6, 999-1015.	0.8	30
49	Song discrimination suggests premating isolation among sympatric indigobird species and host races. <i>Behavioral Ecology</i> , 2006, 17, 473-478.	1.0	47
50	Sierra Leone <i>Prinia Schistolais leontica</i> in the Fouta Djallon of Guinea, its song, distribution and taxonomic status. <i>Bulletin of the African Bird Club</i> , 2006, 13, 45-48.	0.1	0
51	Genetic continuity of brood-parasitic indigobird species. <i>Molecular Ecology</i> , 2005, 14, 1407-1419.	2.0	32
52	Phylogeography of The Mallard (<i>Anas Platyrhynchos</i>): Hybridization, Dispersal, and Lineage Sorting Contribute to Complex Geographic Structure. <i>Auk</i> , 2005, 122, 949-965.	0.7	61
53	Is Homoplasy or Lineage Sorting the Source of Incongruent mtDNA and Nuclear Gene Trees in the Stiff-Tailed Ducks (<i>Nomonyx-Oxyura</i>)?. <i>Systematic Biology</i> , 2005, 54, 35-55.	2.7	127
54	PHYLOGEOGRAPHY OF THE MALLARD (<i>ANAS PLATYRHYNCHOS</i>): HYBRIDIZATION, DISPERSAL, AND LINEAGE SORTING CONTRIBUTE TO COMPLEX GEOGRAPHIC STRUCTURE. <i>Auk</i> , 2005, 122, 1309.	0.7	1

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55	Speciation in birds: Genes, geography, and sexual selection. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 6550-6557.	3.3	228
56	PHYLOGEOGRAPHY OF THE MALLARD (ANAS PLATYRHYNCHOS): HYBRIDIZATION, DISPERSAL, AND LINEAGE SORTING CONTRIBUTE TO COMPLEX GEOGRAPHIC STRUCTURE. Auk, 2005, 122, 949.	0.7	59
57	BEHAVIORAL AND GENETIC IDENTIFICATION OF A HYBRID VIDUA: MATERNAL ORIGIN AND MATE CHOICE IN A BROOD-PARASITIC FINCH. Auk, 2004, 121, 156.	0.7	7
58	Clade-Limited Colonization in Brood Parasitic Finches (<i>Vidua</i> spp.). Systematic Biology, 2004, 53, 140-153.	2.7	112
59	Song mimicry of Black-bellied Firefinch <i>Lagonosticta rara</i> and other finches by the brood-parasitic Cameroon Indigobird <i>Vidua camerunensis</i> in West Africa. Ibis, 2004, 147, 130-143.	1.0	12
60	Behavioral and Genetic Identification of a Hybrid Vidua: Maternal Origin and Mate Choice in a Brood-Parasitic Finch. Auk, 2004, 121, 156-161.	0.7	1
61	Behavioral and Genetic Identification of a Hybrid Vidua: Maternal Origin and Mate Choice in a Brood-Parasitic Finch. Auk, 2004, 121, 156-161.	0.7	1
62	Congruent Avian Phylogenies Inferred from Mitochondrial and Nuclear DNA Sequences. Journal of Molecular Evolution, 2003, 57, 27-37.	0.8	48
63	Lack of mitochondrial genetic structure in hamlets (<i>Hypoplectrus</i> spp.): recent speciation or ongoing hybridization?. Molecular Ecology, 2003, 12, 2975-2980.	2.0	49
64	Speciation by host switch in brood parasitic indigobirds. Nature, 2003, 424, 928-931.	13.7	219
65	More Taxa, More Characters: The Hoatzin Problem Is Still Unresolved. Molecular Biology and Evolution, 2003, 20, 1484-1498.	3.5	78
66	Phylogenetic relationships of African sunbird-like warblers: Moho (<i>Hypergerus atriceps</i>), Green Hylia (<i>Hylia prasina</i>) and Tit-hylia (<i>Pholidornis rushiae</i>). Ostrich, 2003, 74, 8-17.	0.4	34
67	MICROSATELLITE AMPLIFICATION FROM MUSEUM FEATHER SAMPLES: EFFECTS OF FRAGMENT SIZE AND TEMPLATE CONCENTRATION ON GENOTYPING ERRORS. Auk, 2003, 120, 982.	0.7	59
68	Microsatellite Amplification From Museum Feather Samples: Effects of Fragment Size and Template Concentration on Genotyping Errors. Auk, 2003, 120, 982-989.	0.7	66
69	mtDNA from fossils reveals a radiation of Hawaiian geese recently derived from the Canada goose (<i>Branta canadensis</i>). Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 1399-1404.	3.3	116
70	Molecular Genetic Perspectives on Avian Brood Parasitism. Integrative and Comparative Biology, 2002, 42, 388-400.	0.9	77
71	Survival and Philopatry of Female Redheads Breeding in Southwestern Manitoba. Journal of Wildlife Management, 2002, 66, 162.	0.7	28
72	Phylogeography and conservation genetics of Eld's deer (<i>Cervus eldi</i>). Molecular Ecology, 2002, 12, 1-10.	2.0	84

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73	Behavioural and genetic evidence of a recent population switch to a novel host species in brood-parasitic indigobirds <i>Vidua chalybeata</i> . <i>Ibis</i> , 2002, 144, 373-383.	1.0	35
74	A SINGLE ANCIENT ORIGIN OF BROOD PARASITISM IN AFRICAN FINCHES: IMPLICATIONS FOR HOST-PARASITE COEVOLUTION. <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 2550.	1.1	4
75	Characterization of microsatellite loci in village indigobirds <i>Vidua chalybeata</i> and cross-species amplification in estrildid and ploceid finches. <i>Molecular Ecology Notes</i> , 2001, 1, 252-254.	1.7	39
76	A SINGLE ANCIENT ORIGIN OF BROOD PARASITISM IN AFRICAN FINCHES: IMPLICATIONS FOR HOST-PARASITE COEVOLUTION. <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 2550-2567.	1.1	92
77	Genetic evidence for female host-specific races of the common cuckoo. <i>Nature</i> , 2000, 407, 183-186.	13.7	238
78	Imprinting and the origin of parasite-host species associations in brood-parasitic indigobirds, <i>Vidua chalybeata</i> . <i>Animal Behaviour</i> , 2000, 59, 69-81.	0.8	173
79	The evolution of postcopulatory displays in dabbling ducks (Anatini): a phylogenetic perspective. <i>Animal Behaviour</i> , 2000, 59, 953-963.	0.8	24
80	Phylogenetic position of turtles among amniotes: evidence from mitochondrial and nuclear genes. <i>Gene</i> , 2000, 259, 139-148.	1.0	87
81	Interordinal Relationships of Birds and Other Reptiles Based on Whole Mitochondrial Genomes. <i>Systematic Biology</i> , 1999, 48, 138-152.	2.7	253
82	Phylogenetic constraint on male parental care in the dabbling ducks. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1999, 266, 759-763.	1.2	20
83	Relationships of the extinct moa-nalos, flightless Hawaiian waterfowl, based on ancient DNA. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1999, 266, 2187-2193.	1.2	81
84	Primers for a PCR-Based Approach to Mitochondrial Genome Sequencing in Birds and Other Vertebrates. <i>Molecular Phylogenetics and Evolution</i> , 1999, 12, 105-114.	1.2	685
85	Phylogeny and Biogeography of Dabbling Ducks (Genus: <i>Anas</i>): A Comparison of Molecular and Morphological Evidence. <i>Auk</i> , 1999, 116, 792-805.	0.7	165
86	Comparing Molecular Evolution in Two Mitochondrial Protein Coding Genes (Cytochrome b and ND2) in the Dabbling Ducks (Tribe: Anatini). <i>Molecular Phylogenetics and Evolution</i> , 1998, 10, 82-94.	1.2	238
87	Numts: A Challenge for Avian Systematics and Population Biology. <i>Auk</i> , 1998, 115, 214-221.	0.7	406
88	An Extra Nucleotide is not Translated in Mitochondrial ND3 of Some Birds and Turtles. <i>Molecular Biology and Evolution</i> , 1998, 15, 1568-1571.	3.5	186
89	Multiple independent origins of mitochondrial gene order in birds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 10693-10697.	3.3	239
90	Effects of intra- and interspecific brood parasitism on a precocial host, the canvasback, <i>Aythya valisineria</i> . <i>Behavioral Ecology</i> , 1997, 8, 153-161.	1.0	48

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91	Phylogenetic Relationships among and within Select Avian Orders Based on Mitochondrial DNA. , 1997, , 213-247.		133
92	Description of the first complete skeleton of the extinct New Zealand goose <i>Cnemiornis calcitrans</i> (Aves: Anatidae), and a reassessment of the relationships of <i>Cnemiornis</i> . Journal of Zoology, 1997, 243, 695-718.	0.8	21
93	Multiple independent transpositions of mitochondrial DNA control region sequences to the nucleus. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 15239-15243.	3.3	245
94	Ancient DNA and island endemics. Nature, 1996, 381, 484-484.	13.7	78
95	The Effects of Late-Incubation Body Mass on Reproductive Success and Survival of Canvasbacks and Redheads. Condor, 1995, 97, 953-962.	0.7	33
96	Evidence of Conspecific Nest Parasitism and Egg Discrimination in the Sora. Condor, 1995, 97, 819-821.	0.7	15
97	Relative Success of Overwater and Upland Mallard Nests in Southwestern Manitoba. Journal of Wildlife Management, 1993, 57, 578.	0.7	29
98	Comment: Why is conspecific nest parasitism more frequent in waterfowl than in other birds?. Canadian Journal of Zoology, 1992, 70, 1856-1858.	0.4	44
99	The functional significance of parasitic egg laying and typical nesting in redhead ducks: an analysis of individual behaviour. Animal Behaviour, 1991, 42, 771-796.	0.8	90
100	A Record Early Season for Marsh-Breeding Birds in Southwestern Manitoba. Blue Jay, 1988, 46, .	0.0	1