Robert C Fleischer

List of Publications by Year
in descending order

99 papers	4,323 citations	147801 31 h-index	123424 61 g-index
102 all docs	102 docs citations	102 times ranked	5400 citing authors

#	Article	IF	Citations
1	Evolution on a volcanic conveyor belt: using phylogeographic reconstructions and Kâ€“Arâ€based ages of the Hawaiian Islands to estimate molecular evolutionary rates. Molecular Ecology, 1998, 7, 533-545.	3.9	462
2	Multilocus Resolution of Phylogeny and Timescale in the Extant Adaptive Radiation of Hawaiian Honeycreepers. Current Biology, 2011, 21, 1838-1844.	3.9	431
3	Dense sampling of bird diversity increases power of comparative genomics. Nature, 2020, 587, 252-257.	27.8	251
4	Global phylogeographic limits of Hawaii's avian malaria. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 2935-2944.	2.6	218
5	Comparing Adaptive Radiations Across Space, Time, and Taxa. Journal of Heredity, 2020, 111, 1-20.	2.4	146
6	Cuckoldry through stored sperm in the sequentially polyandrous spotted sandpiper. Nature, 1992, 359, 631-633.	27.8	123
7	Phylogenetic evidence for colour pattern convergence in toxic pitohuis: MÃ¼llerian mimicry in birds?. Proceedings of the Royal Society B: Biological Sciences, 2001, 268, 1971-1976.	2.6	121
8	Effects of host species and environment on the skin microbiome of Plethodontid salamanders. Journal of Animal Ecology, 2018, 87, 341-353.	2.8	120
9	Genomic evidence of speciation reversal in ravens. Nature Communications, 2018, 9, 906.	12.8	105
10	Bottlenecks and multiple introductions: population genetics of the vector of avian malaria in Hawaii. Molecular Ecology, 2000, 9, 1803-1814.	3.9	95
11	Prioritizing Tiger Conservation through Landscape Genetics and Habitat Linkages. PLoS ONE, 2014, 9, e111207.	2.5	94
12	Genetic structure and evolved malaria resistance in Hawaiian honeycreepers. Molecular Ecology, 2007, 16, 4738-4746.	3.9	90
13	A Restriction Enzymeâ€Based Assay to Distinguish Between Avian Hemosporidians. Journal of Parasitology, 2005, 91, 683-685.	0.7	87
14	Conservation archaeogenomics: ancient DNA and biodiversity in the Anthropocene. Trends in Ecology and Evolution, 2015, 30, 540-549.	8.7	86
15	PATHWAYS OF EXPANSION AND MULTIPLE INTRODUCTIONS ILLUSTRATED BY LARGE GENETIC DIFFERENTIATION AMONG WORLDWIDE POPULATIONS OF THE SOUTHERN HOUSE MOSQUITO. American Journal of Tropical Medicine and Hygiene, 2006, 74, 284-289.	1.4	85
16	PHYLOGEOGRAPHY OF THE ASIAN ELEPHANT (ELEPHAS MAXIMUS) BASED ON MITOCHONDRIAL DNA. Evolution; International Journal of Organic Evolution, 2001, 55, 1882-1892.	2.3	84
17	Relationships of the extinct moa-nalos, flightless Hawaiian waterfowl, based on ancient DNA. Proceedings of the Royal Society B: Biological Sciences, 1999, 266, 2187-2193.	2.6	81
18	Ancient DNA and island endemics. Nature, 1996, 381, 484-484.	27.8	78

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19	Convergent Evolution of Hawaiian and Australo-Pacific Honeyeaters from Distant Songbird Ancestors. Current Biology, 2008, 18, 1927-1931.	3.9	70
20	Mitochondrial Genomes Suggest Rapid Evolution of Dwarf California Channel Islands Foxes (Urocyon) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.5	65
21	Genetic monogamy in the common loon (Gavia immer). Behavioral Ecology and Sociobiology, 1997, 41, 25-31.	1.4	53
22	Elephant Endotheliotropic Herpesviruses EEHV1A, EEHV1B, and EEHV2 from Cases of Hemorrhagic Disease Are Highly Diverged from Other Mammalian Herpesviruses and May Form a New Subfamily. Journal of Virology, 2014, 88, 13523-13546.	3.4	50
23	Experimental resource pulses influence social-network dynamics and the potential for information flow in tool-using crows. Nature Communications, 2015, 6, 7197.	12.8	46
24	Conservation of adaptive potential and functional diversity. Conservation Genetics, 2019, 20, 1-5.	1.5	46
25	Mid-Pleistocene divergence of Cuban and North American ivory-billed woodpeckers. Biology Letters, 2006, 2, 466-469.	2.3	43
26	Unexpected Rarity of the Pathogen Batrachochytrium dendrobatidis in Appalachian Plethodon Salamanders: 1957â€“2011. PLoS ONE, 2014, 9, e103728.	2.5	43
27	Double trouble: co-infections of chytrid fungi will severely impact widely distributed newts. Biological Invasions, 2019, 21, 2233-2245.	2.4	42
28	Fungal disease and temperature alter skin microbiome structure in an experimental salamander system. Molecular Ecology, 2019, 28, 2917-2931.	3.9	41
29	Interacting effects of land use and climate on rodent-borne pathogens in central Kenya. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160116.	4.0	39
30	Charting the course of reed-warblers across the Pacific islands. Journal of Biogeography, 2011, 38, 1963-1975.	3.0	36
31	Antifungal Bacteria on Woodland Salamander Skin Exhibit High Taxonomic Diversity and Geographic Variability. Applied and Environmental Microbiology, 2017, 83, .	3.1	36
32	Assessing changes in genomic divergence following a century of humanâ€mediated secondary contact among wild and captiveâ€bred ducks. Molecular Ecology, 2020, 29, 578-595.	3.9	35
33	Hidden in plain sight: Cryptic and endemic malaria parasites in North American white-tailed deer () Tj ETQq1 1 0.784314 rgBT /Overlock	10.3	33
34	Simultaneous identification of host, ectoparasite and pathogen <scp>DNA</scp> via inâ€solution capture. Molecular Ecology Resources, 2016, 16, 1224-1239.	4.8	31
35	Batrachochytrium salamandrivorans not detected in U.S. survey of pet salamanders. Scientific Reports, 2017, 7, 13132.	3.3	31
36	Immunological Change in a Parasite-Impoverished Environment: Divergent Signals from Four Island Taxa. PLoS ONE, 2007, 2, e896.	2.5	29

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37	Phylogeographic analysis of nuclear and mtDNA supports subspecies designations in the ostrich (Struthio camelus). Conservation Genetics, 2011, 12, 423-431.	1.5	29
38	Reduced immune function predicts disease susceptibility in frogs infected with a deadly fungal pathogen. , 2016, 4, cow011.		29
39	Genetic structure along an elevational gradient in Hawaiian honeycreepers reveals contrasting evolutionary responses to avian malaria. BMC Evolutionary Biology, 2008, 8, 315.	3.2	27
40	Richness and distribution of tropical oyster parasites in two oceans. Parasitology, 2016, 143, 1119-1132.	1.5	27
41	Interacting effects of wildlife loss and climate on ticks and tick-borne disease. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170475.	2.6	27
42	A New Species of Shearwater (Puffinus) Recorded from Midway Atoll, Northwestern Hawaiian Islands. Condor, 2011, 113, 518-527.	1.6	26
43	Conservation and divergence in the frog immunome: pyrosequencing and de novo assembly of immune tissue transcriptomes. Gene, 2014, 542, 98-108.	2.2	26
44	Parallel evolution of gene classes, but not genes: Evidence from Hawai'ian honeycreeper populations exposed to avian malaria. Molecular Ecology, 2019, 28, 568-583.	3.9	26
45	Sustained immune activation is associated with susceptibility to the amphibian chytrid fungus. Molecular Ecology, 2020, 29, 2889-2903.	3.9	24
46	High levels of relatedness between Brown-headed Cowbird (Molothrus ater) nestmates in a heavily parasitized host community. Auk, 2012, 129, 623-631.	1.4	23
47	Genome sequence, population history, and pelage genetics of the endangered African wild dog (Lycaon) Tj ETQq1 1 0.784314 rgBT /Ov	2.8	23
48	Spatial and temporal patterns of genetic diversity in an endangered Hawaiian honeycreeper, the Hawaii Akepa (Loxops coccineus coccineus). Conservation Genetics, 2010, 11, 225-240.	1.5	22
49	Molecular phylogenetics reveals first record and invasion of Saccostrea species in the Caribbean. Marine Biology, 2015, 162, 957-968.	1.5	22
50	Microsatellite markers for woolly monkeys (Lagothrix lagotricha) and their amplification in other New World primates (Primates: Platyrrhini). Molecular Ecology Notes, 2004, 4, 246-249.	1.7	21
51	Genomic resources for the endangered Hawaiian honeycreepers. BMC Genomics, 2014, 15, 1098.	2.8	21
52	As the raven flies: using genetic data to infer the history of invasive common raven (Corvus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14	3.9	20
53	The role of native and introduced birds in transmission of avian malaria in Hawaii. Ecology, 2020, 101, e03038.	3.2	20
54	High Frequency of Extra-Pair Paternity in Eastern Kingbirds. Condor, 2001, 103, 845-851.	1.6	19

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55	A novelMC1Rallele for black coat colour reveals the Polynesian ancestry and hybridization patterns of Hawaiian feral pigs. Royal Society Open Science, 2016, 3, 160304.	2.4	19
56	Phylogeography of the Golden Jackal (Canis aureus) in India. PLoS ONE, 2015, 10, e0138497.	2.5	18
57	Complex Biogeographic History ofLaniusShrikes and its Implications for the Evolution of Defenses against Avian Brood Parasitism. Condor, 2011, 113, 385-394.	1.6	17
58	Molecular characterisation of protistan species and communities in shipsâ€™ ballast water across three U.S. coasts. Diversity and Distributions, 2017, 23, 680-691.	4.1	17
59	Diversity and temporal dynamics of primate milk microbiomes. American Journal of Primatology, 2019, 81, e22994.	1.7	17
60	Genetic Structure of Endangered Clapper Rail (Rallus longirostris) Populations in Southern California. Conservation Biology, 1995, 9, 1234-1243.	4.7	16
61	Extrapair paternity in the swamp sparrow, Melospiza georgiana: male access or female preference?. Behavioral Ecology and Sociobiology, 2008, 63, 285-294.	1.4	16
62	Functional variation at an expressed MHC class IIÎ² locus associates with Ranavirus infection intensity in larval anuran populations. Immunogenetics, 2019, 71, 335-346.	2.4	16
63	Conservative plumage masks extraordinary phylogenetic diversity in the Grallaria rufula (Rufous) Tj ETQq1 1 0.784314 rgBT /Overlock	1.4	14
64	Phylogeny based on ultra-conserved elements clarifies the evolution of rails and allies (Ralloidea) and is the basis for a revised classification. Auk, 2021, 138, .	1.4	14
65	GENETIC VARIABILITY AND TAXONOMIC STATUS OF THE NIHOA AND LAYSAN MILLERBIRDS. Condor, 2007, 109, 954.	1.6	12
66	Phylogeography and connectivity of molluscan parasites: Perkinsus spp. in Panama and beyond. International Journal for Parasitology, 2018, 48, 135-144.	3.1	12
67	Parthenogenesis in a captive Asian water dragon (Physignathus cocincinus) identified with novel microsatellites. PLoS ONE, 2019, 14, e0217489.	2.5	11
68	Population Genomics and Structure of the Critically Endangered Mariana Crow (Corvus kubaryi). Genes, 2019, 10, 187.	2.4	11
69	The uropygial gland microbiome of house sparrows with malaria infection. Journal of Avian Biology, 2021, 52, .	1.2	11
70	Evolutionary dynamics of an expressed MHC class IIÎ² locus in the Ranidae (Anura) uncovered by genome walking and high-throughput amplicon sequencing. Developmental and Comparative Immunology, 2017, 76, 177-188.	2.3	10
71	Transcriptome assembly and differential gene expression of the invasive avian malaria parasite Plasmodium relictum in HawaiÊ»i. Ecology and Evolution, 2021, 11, 4935-4944.	1.9	10
72	Direct fitness benefits and kinship of social foraging groups in an Old World tropical babbler. Behavioral Ecology, 2018, 29, 468-478.	2.2	9

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73	Northâ€facing slopes and elevation shape asymmetric genetic structure in the rangeâ€restricted salamander Plethodon shenandoah. Ecology and Evolution, 2019, 9, 5094-5105.	1.9	9
74	A new subspecies of Tesia olivea (Sylviidae) from Chiang Mai province, northern Thailand. Journal of Ornithology, 2008, 149, 439-450.	1.1	8
75	First Record of Hybridization in the Hawaiian Honeycreepers: 'I'iwi (Vestiaria coccinea) Ã— 'Apapane (Himatione sanguinea). Wilson Journal of Ornithology, 2014, 126, 562-568.	0.2	8
76	Geographic population structure and subspecific boundaries in a tidal marsh sparrow. Conservation Genetics, 2016, 17, 603-613.	1.5	7
77	The influence of captive breeding management on founder representation and inbreeding in the â€˜AlalÄ‹ the Hawaiian crow. Conservation Genetics, 2016, 17, 369-378.	1.5	7
78	Cutaneous Filariasis in Free-Ranging Rothschild's Giraffes (Giraffa camelopardalis rothschildi) in Uganda. Journal of Wildlife Diseases, 2020, 56, 234.	0.8	7
79	Distinct and extinct: Genetic differentiation of the Hawaiian eagle. Molecular Phylogenetics and Evolution, 2015, 83, 40-43.	2.7	6
80	Adaptive Radiation Genomics of Two Ecologically Divergent Hawaiâ€˜ian Honeycreepers: The â€˜akiapÅ․Äâ€˜au and the Hawaiâ€˜i â€˜amakihi. Journal of Heredity, 2020, 111, 21-32.	2.4	6
81	The Contribution of Genomics to Bird Conservation. , 2019, , 295-330.		5
82	Genetic structure and population history in two critically endangered Kauaâ€˜i honeycreepers. Conservation Genetics, 2021, 22, 601-614.	1.5	5
83	An efficient method for simultaneous species, individual, and sex identification via inâ€solution single nucleotide polymorphism capture from lowâ€quality scat samples. Molecular Ecology Resources, 2022, 22, 1345-1361.	4.8	5
84	Polymorphic microsatellite markers for the endangered Hawaiian petrel (Pterodroma sandwichensis). Conservation Genetics Resources, 2011, 3, 581-584.	0.8	4
85	Protistan Biogeography: A Snapshot Across a Major Shipping Corridor Spanning Two Oceans. Protist, 2017, 168, 183-196.	1.5	4
86	Conservation genomics and systematics of a nearâ€extinct island radiation. Molecular Ecology, 2022, 31, 1995-2012.	3.9	4
87	Isolation of polymorphic microsatellite loci in the Hawaii amakihi (Hemignathus virens) and their use in other honeycreeper species. Molecular Ecology Notes, 2004, 4, 725-727.	1.7	3
88	GPS tracking and population genomics suggest itinerant breeding across drastically different habitats in the Phainopepla. Auk, 2019, 136, .	1.4	3
89	Comparative Analysis of Annotation Pipelines Using the First Japanese White-Eye (Zosterops) Tj ETQq1 1 0.784314 rgBT /Overlock	2.5	3
90	Independent evolutionary transitions to pueriparity across multiple timescales in the viviparous genus Salamandra. Molecular Phylogenetics and Evolution, 2022, 167, 107347.	2.7	3

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91	Reciprocal Introgression Between Golden-Winged Warblers (Vermivora Chrysoptera) and Blue-Winged Warblers (V. Pinus) in Eastern North America. Auk, 2004, 121, 1019-1030.	1.4	3
92	Isolation and characterization of polymorphic microsatellite loci in the Hawaiian flycatcher, the elepaio (Chasiempis sandwichensis). Molecular Ecology Notes, 2006, 6, 14-16.	1.7	2
93	Ladies and gentes: Maternally inherited DNA and ancient honeyguide host races. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 17859-17860.	7.1	2
94	Identification and characterization of microsatellite loci in two socially complex old world tropical babblers (Family Timaliidae). BMC Research Notes, 2015, 8, 707.	1.4	2
95	First Report of a Novel Hepatozoon sp. in Giant Pandas (Ailuropoda melanoleuca). EcoHealth, 2019, 16, 338-345.	2.0	2
96	A genomeâ€wide investigation of adaptive signatures in proteinâ€coding genes related to tool behaviour in New Caledonian and Hawaiian crows. Molecular Ecology, 2021, 30, 973-986.	3.9	2
97	Corrigendum to: Phylogeny based on ultra-conserved elements clarifies the evolution of rails and allies (Ralloidea) and is the basis for a revised classification. Auk, 2022, 139, .	1.4	2
98	Cutaneous Filariasis in Free-Ranging Rothschild's Giraffes () in Uganda. Journal of Wildlife Diseases, 2020, 56, 234-238.	0.8	2
99	Extinct Birds, Second Edition. Condor, 2003, 105, 166-167.	1.6	0