Eldredge Bermingham

List of Publications by Year
in descending order

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118 papers	10,425 citations	24978 57 h-index	35952 97 g-index
118 all docs	118 docs citations	118 times ranked	9613 citing authors

#	Article	IF	Citations
1	Plant DNA barcodes and a community phylogeny of a tropical forest dynamics plot in Panama. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 18621-18626.	3.3	589
2	Speciation by hybridization in Heliconius butterflies. Nature, 2006, 441, 868-871.	13.7	412
3	MOLECULAR ZOOGEOGRAPHY OF FRESHWATER FISHES IN THE SOUTHEASTERN UNITED STATES. Genetics, 1986, 113, 939-965.	1.2	367
4	Epidemic disease decimates amphibian abundance, species diversity, and evolutionary history in the highlands of central Panama. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 13777-13782.	3.3	315
5	EARLY LIFE HISTORIES, OCEAN CURRENTS, AND THE POPULATION GENETICS OF CARIBBEAN REEF FISHES. Evolution; International Journal of Organic Evolution, 1995, 49, 897-910.	1.1	303
6	Fish Biogeography and Molecular Clocks: Perspectives from the Panamanian Isthmus. , 1997, , 113-128.		292
7	The molecular basis of an avian plumage polymorphism in the wild. Current Biology, 2001, 11, 550-557.	1.8	257
8	Evolutionary Relationships, Cospeciation, and Host Switching in Avian Malaria Parasites. Systematic Biology, 2004, 53, 111-119.	2.7	242
9	A Conserved Supergene Locus Controls Colour Pattern Diversity in Heliconius Butterflies. PLoS Biology, 2006, 4, e303.	2.6	242
10	Population structure and biogeography of migratory freshwater fishes (Prochilodus: Characiformes) in major South American rivers. Molecular Ecology, 2001, 10, 407-417.	2.0	240
11	The concept of the taxon cycle in biogeography. Global Ecology and Biogeography, 2002, 11, 353-361.	2.7	224
12	Evolutionary history of the genus Rhamdia (Teleostei: Pimelodidae) in Central America. Molecular Phylogenetics and Evolution, 2002, 25, 172-189.	1.2	193
13	The West Indies as a laboratory of biogeography and evolution. Philosophical Transactions of the Royal Society B: Biological Sciences, 2008, 363, 2393-2413.	1.8	192
14	Molecular Systematic Analysis Reveals Cryptic Tertiary Diversification of a Widespread Tropical Rain Forest Tree. American Naturalist, 2003, 162, 691-703.	1.0	186
15	PLUMAGE AND MITOCHONDRIAL DNA HAPLOTYPE VARIATION ACROSS A MOVING HYBRID ZONE. Evolution; International Journal of Organic Evolution, 2001, 55, 405-422.	1.1	169
16	Phylogenetic Discordance at the Species Boundary: Comparative Gene Genealogies Among Rapidly Radiating Heliconius Butterflies. Molecular Biology and Evolution, 2002, 19, 2176-2190.	3.5	156
17	Duplication and Concerted Evolution of the Mitochondrial Control Region in the Parrot Genus Amazona. Molecular Biology and Evolution, 2001, 18, 1330-1342.	3.5	148
18	Host Specialization and Geographic Localization of Avian Malaria Parasites: A Regional Analysis in the Lesser Antilles. American Naturalist, 2005, 165, 466-480.	1.0	148

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19	Molecular systematics of the damselfishes (Teleostei: Pomacentridae): Bayesian phylogenetic analyses of mitochondrial and nuclear DNA sequences. Molecular Phylogenetics and Evolution, 2004, 31, 66-88.	1.2	143
20	Genetic evidence of frequent long-distance recruitment in a vertebrate-dispersed tree. Ecology Letters, 2006, 9, 516-525.	3.0	140
21	Do pollen feeding, pupal-mating and larval gregariousness have a single origin in Heliconius butterflies? Inferences from multilocus DNA sequence data. Biological Journal of the Linnean Society, 2007, 92, 221-239.	0.7	138
22	ISLAND AND TAXON EFFECTS IN PARASITISM REVISITED: AVIAN MALARIA IN THE LESSER ANTILLES. Evolution; International Journal of Organic Evolution, 2003, 57, 606-615.	1.1	137
23	The Great American Biotic Interchange in birds. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 21737-21742.	3.3	134
24	Nonequilibrium Diversity Dynamics of the Lesser Antillean Avifauna. Science, 2001, 294, 1522-1524.	6.0	130
25	A comprehensive multilocus phylogeny for the wood-warblers and a revised classification of the Parulidae (Aves). Molecular Phylogenetics and Evolution, 2010, 57, 753-770.	1.2	124
26	Reproductive isolation of sympatric morphs in a population of Darwin's finches. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 1709-1714.	1.2	114
27	Polyphyly and gene flow between non-sibling Heliconius species. BMC Biology, 2006, 4, 11.	1.7	113
28	Colour pattern as a single trait driving speciation in Hypoplectrus coral reef fishes?. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 1265-1271.	1.2	112
29	A Genetic Linkage Map of the Mimetic Butterfly Heliconius melpomene. Genetics, 2005, 171, 557-570.	1.2	111
30	Extreme long-distance dispersal of the lowland tropical rainforest tree Ceiba pentandra L. (Malvaceae) in Africa and the Neotropics. Molecular Ecology, 2007, 16, 3039-3049.	2.0	110
31	The Imprint of History on Communities of North American and Asian Warblers. American Naturalist, 2000, 156, 354-367.	1.0	106
32	Molecular phylogeography reveals island colonization history and diversification of western Indian Ocean sunbirds (Nectarinia: Nectariniidae). Molecular Phylogenetics and Evolution, 2003, 29, 67-85.	1.2	106
33	Genetic structure of Mesoamerican populations of Bigâ€leaf mahogany (Swietenia macrophylla) inferred from microsatellite analysis. Molecular Ecology, 2003, 12, 2885-2893.	2.0	104
34	Long-distance gene flow and cross-Andean dispersal of lowland rainforest bees (Apidae: Euglossini) revealed by comparative mitochondrial DNA phylogeography. Molecular Ecology, 2004, 13, 3775-3785.	2.0	104
35	The biogeography of lower Mesoamerican freshwater fishes. Journal of Biogeography, 2005, 32, 1835-1854.	1.4	103
36	The Great American Biotic Interchange in frogs: Multiple and early colonization of Central America by the South American genus Pristimantis (Anura: Craugastoridae). Molecular Phylogenetics and Evolution, 2012, 62, 954-972.	1.2	103

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37	Phylogeny and biogeography of 91 species of heroine cichlids (Teleostei: Cichlidae) based on sequences of the cytochrome b gene. Molecular Phylogenetics and Evolution, 2007, 43, 91-110.	1.2	99
38	Systematics and Evolution of Lower Central American Cichlids Inferred from Analysis of Cytochrome b Gene Sequences. Molecular Phylogenetics and Evolution, 1998, 9, 192-203.	1.2	91
39	HISTORICAL BIOGEOGRAPHY OF THE BANANAQUIT (COEREBA FLAVEOLA) IN THE CARIBBEAN REGION: A MITOCHONDRIAL DNA ASSESSMENT. Evolution; International Journal of Organic Evolution, 1994, 48, 1041-1061.	1.1	90
40	Genetic Evidence for Hybrid Trait Speciation in Heliconius Butterflies. PLoS Genetics, 2010, 6, e1000930.	1.5	90
41	Immigration, species radiation and extinction in a highly diverse songbird lineage: white-eyes on Indian Ocean islands. Molecular Ecology, 2006, 15, 3769-3786.	2.0	88
42	The Causes of Evolutionary Radiations in Archipelagoes: Passerine Birds in the Lesser Antilles. American Naturalist, 2007, 169, 285-297.	1.0	87
43	Out of Amazonia again and again: episodic crossing of the Andes promotes diversification in a lowland forest flycatcher. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 1133-1142.	1.2	83
44	Discrimination between Atlantic Salmon (Salmo salar) of North American and European Origin using Restriction Analyses of Mitochondrial DNA. Canadian Journal of Fisheries and Aquatic Sciences, 1991, 48, 884-893.	0.7	80
45	Molecular Phylogenetics and Ecological Diversification of the Transisthmian Fish Genus Centropomus (Perciformes: Centropomidae). Molecular Phylogenetics and Evolution, 1999, 13, 193-207.	1.2	80
46	Molecular phylogeny of an endemic radiation of Cuban toads (Bufonidae: Peltophryne) based on mitochondrial and nuclear genes. Journal of Biogeography, 2012, 39, 434-451.	1.4	78
47	Divergence with gene flow as facilitated by ecological differences: within-island variation in Darwin's finches. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 1041-1052.	1.8	77
48	Genetic mosaic in a marine species flock. Molecular Ecology, 2003, 12, 2963-2973.	2.0	75
49	ISLAND AND TAXON EFFECTS IN PARASITISM AND RESISTANCE OF LESSER ANTILLEAN BIRDS. Ecology, 2000, 81, 1959-1969.	1.5	72
50	Phylogeny and Biogeography of the Amazona ochrocephala (Aves: Psittacidae) Complex. Auk, 2004, 121, 318-332.	0.7	72
51	Phylogeny and comparative biogeography of Pionopsitta parrots and Pteroglossus toucans. Molecular Phylogenetics and Evolution, 2005, 36, 288-304.	1.2	70
52	The role of tropical dry forest as a long-term barrier to dispersal: a comparative phylogeographical analysis of dry forest tolerant and intolerant frogs. Molecular Ecology, 2007, 16, 4789-4807.	2.0	69
53	Evolutionary Differentiation in Three Endemic West Indian Warblers. Auk, 1998, 115, 890-903.	0.7	67
54	Phylogeography of a morphologically diverse Neotropical montane species, the Common Bush-Tanager (Chlorospingusophthalmicus). Molecular Phylogenetics and Evolution, 2008, 47, 650-664.	1.2	67

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55	The Roots of Diversity: Below Ground Species Richness and Rooting Distributions in a Tropical Forest Revealed by DNA Barcodes and Inverse Modeling. PLoS ONE, 2011, 6, e24506.	1.1	67
56	Do mosquitoes filter the access of Plasmodium cytochrome b lineages to an avian host?. Molecular Ecology, 2008, 17, 2552-2561.	2.0	66
57	History and the Speciesâ€Area Relationship in Lesser Antillean Birds. American Naturalist, 2004, 163, 227-239.	1.0	64
58	Phylogeography of the Pygmy Rain Frog (Pristimantis ridens) across the lowland wet forests of isthmian Central America. Molecular Phylogenetics and Evolution, 2008, 47, 992-1004.	1.2	61
59	A hybrid zone provides evidence for incipient ecological speciation inHeliconiusbutterflies. Molecular Ecology, 2008, 17, 4699-4712.	2.0	57
60	Molecular Systematics and Biogeography of Antillean Thrashers, Tremblers, and Mockingbirds (Aves:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.7	56
61	Colonization, population expansion, and lineage turnover: phylogeography of Mesoamerican characiform fish. Biological Journal of the Linnean Society, 2006, 88, 235-255.	0.7	55
62	Molecular systematics of the butterfly genus Ithomia (Lepidoptera: Ithomiinae): a composite phylogenetic hypothesis based on seven genes. Molecular Phylogenetics and Evolution, 2005, 34, 625-644.	1.2	54
63	Tracking island colonization history and phenotypic shifts in Indian Ocean bulbuls (Hypsipetes:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.7	54
64	Two sisters in the same dress: Heliconius cryptic species. BMC Evolutionary Biology, 2008, 8, 324.	3.2	54
65	Comparative genetic structure of two mangrove species in Caribbean and Pacific estuaries of Panama. BMC Evolutionary Biology, 2012, 12, 205.	3.2	53
66	Assessing Species Boundaries Using Multilocus Species Delimitation in a Morphologically Conserved Group of Neotropical Freshwater Fishes, the Poecilia sphenops Species Complex (Poeciliidae). PLoS ONE, 2015, 10, e0121139.	1.1	51
67	Mitochondrial DNA phylogeography of Caiman crocodilus in Mesoamerica and South America. Journal of Experimental Zoology, 2008, 309A, 614-627.	1.2	50
68	Estimating dispersal from genetic isolation by distance in a coral reef fish (Hypoplectrus puella). Ecology, 2009, 90, 3087-3098.	1.5	50
69	Is speciation driven by species diversity?. Nature, 2005, 438, E1-E2.	13.7	48
70	Population genetic analyses ofHypoplectruscoral reef fishes provide evidence that local processes are operating during the early stages of marine adaptive radiations. Molecular Ecology, 2008, 17, 1405-1415.	2.0	47
71	Phylogeny and biogeography of the Poecilia sphenops species complex (Actinopterygii, Poeciliidae) in Central America. Molecular Phylogenetics and Evolution, 2013, 66, 1011-1026.	1.2	47
72	Mitochondrial DNA Phylogeography and the Conservation of Endangered Lesser Antillean Icterus Orioles. Conservation Biology, 1999, 13, 1088-1096.	2.4	46

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73	c-mos Variation in Songbirds: Molecular Evolution, Phylogenetic Implications, and Comparisons with Mitochondrial Differentiation. Molecular Biology and Evolution, 2000, 17, 1569-1577.	3.5	46
74	Crossâ€“Cordillera exchange mediated by the Panama Canal increased the species richness of local freshwater fish assemblages. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 1889-1896.	1.2	46
75	EXPLORING POSSIBLE HUMAN INFLUENCES ON THE EVOLUTION OF DARWIN'S FINCHES. Evolution; International Journal of Organic Evolution, 2011, 65, 2258-2272.	1.1	46
76	DNA barcoding applied to ex situ tropical amphibian conservation programme reveals cryptic diversity in captive populations. Molecular Ecology Resources, 2013, 13, 1005-1018.	2.2	46
77	Evolutionary history of Cuban crocodiles Crocodylus rhombifer and Crocodylus acutus inferred from multilocus markers. Journal of Experimental Zoology, 2011, 315A, 358-375.	1.2	42
78	Mitochondrial restriction fragment length polymorphism (RFLP) and sequence variation among closely related avian species and the genetic characterization of hybrid Dendroica warblers. Molecular Ecology, 1999, 8, 1431-1441.	2.0	41
79	The dynamic evolutionary history of the bananaquit (Coereba flaveola) in the Caribbean revealed by a multigene analysis. BMC Evolutionary Biology, 2008, 8, 240.	3.2	41
80	Speciation in tropical seas: Allopatry followed by range change. Molecular Phylogenetics and Evolution, 2011, 58, 546-552.	1.2	41
81	Neogene origins and implied warmth tolerance of Amazon tree species. Ecology and Evolution, 2013, 3, 162-169.	0.8	38
82	Historical Biogeography of the Bananaquit (Coereba flaveola) in the Caribbean Region: A Mitchondrial DNA Assessment. Evolution; International Journal of Organic Evolution, 1994, 48, 1041.	1.1	37
83	Phylogenetic Systematics of the Scomberomorus regalis (Teleostei: Scombridae) Species Group: Molecules, Morphology and Biogeography of Spanish Mackerels. Copeia, 1999, 1999, 596.	1.4	37
84	Towards a phylogenetic framework for the evolution of shakes, rattles, and rolls in Myiarchus tyrant-flycatchers (Aves: Passeriformes: Tyrannidae). Molecular Phylogenetics and Evolution, 2004, 31, 139-152.	1.2	35
85	THE HISTORICAL BIOGEOGRAPHY OF TWO CARIBBEAN BUTTERFLIES (LEPIDOPTERA: HELICONIIDAE) AS INFERRED FROM GENETIC VARIATION AT MULTIPLE LOCI. Evolution; International Journal of Organic Evolution, 2002, 56, 573-589.	1.1	34
86	Phylogeography of the Rufous-tailed Hummingbird (Amazilia tzacatl). Condor, 2011, 113, 806-816.	0.7	34
87	HISTORICAL BIOGEOGRAPHY OF THE NEW WORLD SOLITAIRES (MYADESTES SPP). Auk, 2007, 124, 868.	0.7	33
88	Pairing dynamics and the origin of species. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 1085-1092.	1.2	33
89	Phylogenetic relationships of the mockingbirds and thrashers (Aves: Mimidae). Molecular Phylogenetics and Evolution, 2012, 63, 219-229.	1.2	33
90	Neotropical birds show a humped distribution of withinâ€population genetic diversity along a latitudinal transect. Ecology Letters, 2010, 13, 576-586.	3.0	30

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91	Phylogenetic relationships and biogeography of Pseudoxiphophorus (Teleostei: Poeciliidae) based on mitochondrial and nuclear genes. Molecular Phylogenetics and Evolution, 2013, 66, 80-90.	1.2	29
92	Title is missing!. Biological Invasions, 1999, 1, 33-41.	1.2	28
93	Historical Biogeography of the New World Solitaires (Myadestes SPP). Auk, 2007, 124, 868-885.	0.7	28
94	Miocene and Pliocene colonization of the Central American Isthmus by the weakly electric fish <scp>B</scp>rachyhypopomus occidentalis (Hypopomidae, Gymnotiformes). Journal of Biogeography, 2014, 41, 1520-1532.	1.4	28
95	Genetic and Morphological Evidence That the Eastern Pacific Damselfish Abudefduf declivifrons Is Distinct from A. concolor (Pomacentridae). Copeia, 1995, 1995, 277.	1.4	27
96	Mitochondrial Perspective on the Phylogenetic Relationships of the Parula Wood-warblers. Auk, 2001, 118, 211-215.	0.7	25
97	Late Pleistocene environmental changes lead to unstable demography and population divergence of Anopheles albimanus in the northern Neotropics. Molecular Phylogenetics and Evolution, 2010, 57, 1341-1346.	1.2	24
98	HYBRIDIZATION AND BARRIERS TO GENE FLOW IN AN ISLAND BIRD RADIATION. Evolution; International Journal of Organic Evolution, 2012, 66, 1490-1505.	1.1	24
99	Molecular Phylogeny and Biogeography of the Amphidromous Fish Genus Dormitator Gill 1861 (Teleostei: Eleotridae). PLoS ONE, 2016, 11, e0153538.	1.1	24
100	A molecular phylogeny of the neotropical butterfly genus Anartia (Lepidoptera: Nymphalidae). Molecular Phylogenetics and Evolution, 2003, 26, 46-55.	1.2	23
101	Geographic Influence on Genetic Structure in the Widespread Neotropical Tree Simarouba amara (Simaroubaceae). Tropical Plant Biology, 2010, 3, 28-39.	1.0	22
102	Phylogeography of Heliconius cydno and its closest relatives: disentangling their origin and diversification. Molecular Ecology, 2014, 23, 4137-4152.	2.0	21
103	MITOCHONDRIAL DNA PHYLOGEOGRAPHY OF THE BAY WREN (TROGLODYTIDAE: THRYOTHORUS) Tj ETQq1 1 0.784314 rgBT /Overlock	0.7	20
104	Polyphyly of the hawk genera Leucopternis and Buteogallus (Aves, Accipitridae): multiple habitat shifts during the Neotropical buteonine diversification. BMC Evolutionary Biology, 2006, 6, 10.	3.2	20
105	Genetic and phenotypic characterization of a hybrid zone between polyandrous Northern and Wattled Jacanas in Western Panama. BMC Evolutionary Biology, 2014, 14, 227.	3.2	20
106	Sharp genetic discontinuity across a unimodal Heliconius hybrid zone. Molecular Ecology, 2012, 21, 5778-5794.	2.0	19
107	A mitochondrial DNA based phylogeny of weakfish species of the Cynoscion group (Pisces: Sciaenidae). Molecular Phylogenetics and Evolution, 2009, 53, 602-607.	1.2	18
108	Driftâ€driven evolution of electric signals in a Neotropical knifefish. Evolution; International Journal of Organic Evolution, 2016, 70, 2134-2144.	1.1	18

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109	Demographic consequences of foraging ecology explain genetic diversification in Neotropical bird species. Ecology Letters, 2021, 24, 563-571.	3.0	18
110	Phylogenetic analyses provide insights into the historical biogeography and evolution of Brachyrhaphis fishes. Molecular Phylogenetics and Evolution, 2015, 89, 104-114.	1.2	16
111	Mitochondrial DNA Phylogeography of the Bay Wren (Troglodytidae: Thryothorus Nigricapillus) Complex. Condor, 2003, 105, 228-238.	0.7	14
112	APPLICATION OF JOHNSON ET AL.'S SPECIATION THRESHOLD MODEL TO APPARENT COLONIZATION TIMES OF ISLAND BIOTAS. Evolution; International Journal of Organic Evolution, 2004, 58, 1664-1673.	1.1	13
113	Isolation and characterization of eight microsatellite loci for the Neotropical freshwater catfish Pimelodella chagresi (Teleostei: Pimelodidae). Molecular Ecology Notes, 2005, 5, 363-365.	1.7	9
114	LIKELY HUMAN INTRODUCTION OF THE RED-LEGGED THRUSH (TURDUS PLUMBEUS) TO DOMINICA, WEST INDIES. Auk, 2008, 125, 299-303.	0.7	8
115	Phylogeographic Diversity of the Lower Central American Cichlid Andinoacara coeruleopunctatus (Cichlidae). International Journal of Evolutionary Biology, 2012, 2012, 1-12.	1.0	6
116	ISLAND AND TAXON EFFECTS IN PARASITISM REVISITED: AVIAN MALARIA IN THE LESSER ANTILLES. Evolution; International Journal of Organic Evolution, 2003, 57, 606.	1.1	4
117	THE HISTORICAL BIOGEOGRAPHY OF TWO CARIBBEAN BUTTERFLIES (LEPIDOPTERA: HELICONIIDAE) AS INFERRED FROM GENETIC VARIATION AT MULTIPLE LOCI. Evolution; International Journal of Organic Evolution, 2002, 56, 573.	1.1	3
118	APPLICATION OF JOHNSON ET AL.'S SPECIATION THRESHOLD MODEL TO APPARENT COLONIZATION TIMES OF ISLAND BIOTAS. Evolution; International Journal of Organic Evolution, 2004, 58, 1664.	1.1	1