

# Stephen Blair Hedges

## List of Publications by Year in descending order

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Version: 2024-02-01

70  
papers

12,201  
citations

94433

37  
h-index

98798

67  
g-index

72  
all docs

72  
docs citations

72  
times ranked

17934  
citing authors

#	ARTICLE	IF	CITATIONS
1	Limitations of Phylogenomic Data Can Drive Inferred Speciation Rate Shifts. <i>Molecular Biology and Evolution</i> , 2022, 39, .	8.9	9
2	A global reptile assessment highlights shared conservation needs of tetrapods. <i>Nature</i> , 2022, 605, 285-290.	27.8	130
3	Endemism, invasion, and overseas dispersal: the phylogeographic history of the Lesser Antillean frog, <i>Eleutherodactylus johnstonei</i> . <i>Biological Invasions</i> , 2022, 24, 2707-2722.	2.4	3
4	Phylogenomic data resolve the historical biogeography and ecomorphs of Neotropical forest lizards (Squamata, Diploglossidae). <i>Molecular Phylogenetics and Evolution</i> , 2022, 175, 107577.	2.7	6
5	Large-Scale Phylogenomic Analyses Reveal the Monophyly of Bryophytes and Neoproterozoic Origin of Land Plants. <i>Molecular Biology and Evolution</i> , 2021, 38, 3332-3344.	8.9	56
6	Phylogenetics, classification, and biogeography of the Neotropical forest lizards (Squamata, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 T	0.5	5
7	Colonizing the Caribbean: New geological data and an updated landâ€vertebrate colonization record challenge the GAARlandia landâ€bridge hypothesis. <i>Journal of Biogeography</i> , 2021, 48, 2699-2707.	3.0	25
8	A new semifossorial snake of the genus <i>Arrhyton</i> (Squamata: Dipsadidae) from eastern Cuba, with taxonomic comments on other species. <i>Zootaxa</i> , 2021, 5052, 406-418.	0.5	1
9	A morphological and molecular revision of lizards of the genus <i>Marisora</i> âHedges & Conn (Squamata: Mabuyidae) from Central America and Mexico, with descriptions of four new species. <i>Zootaxa</i> , 2020, 4763, zootaxa.4763.3.1.	0.5	6
10	Reply to Wampler et al.: Deforestation and biodiversity loss should not be sugarcoated. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 5204-5204.	7.1	1
11	Species diversity as a surrogate for conservation of phylogenetic and functional diversity in terrestrial vertebrates across the Americas. <i>Nature Ecology and Evolution</i> , 2019, 3, 53-61.	7.8	45
12	A revision of the genus <i>Audantia</i> of Hispaniola with description of four new species (Reptilia:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302	0.1	2
13	Evolutionary time drives global tetrapod diversity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20172378.	2.6	32
14	Phylogenomic support for evolutionary relationships of New World direct-developing frogs (Anura:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 74	2.7	74
15	Environmental variation is a major predictor of global trait turnover in mammals. <i>Journal of Biogeography</i> , 2018, 45, 225-237.	3.0	17
16	Accurate timetrees require accurate calibrations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E9510-E9511.	7.1	22
17	Haitiâ€™s biodiversity threatened by nearly complete loss of primary forest. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 11850-11855.	7.1	46
18	Undersampling Genomes has Biased Time and Rate Estimates Throughout the Tree of Life. <i>Molecular Biology and Evolution</i> , 2018, 35, 2077-2084.	8.9	26

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19	The Timetree of Prokaryotes: New Insights into Their Evolution and Speciation. <i>Molecular Biology and Evolution</i> , 2017, 34, msw245.	8.9	69
20	TimeTree: A Resource for Timelines, Timetrees, and Divergence Times. <i>Molecular Biology and Evolution</i> , 2017, 34, 1812-1819.	8.9	2,017
21	The signature of human pressure history on the biogeography of body mass in tetrapods. <i>Global Ecology and Biogeography</i> , 2017, 26, 1022-1034.	5.8	28
22	Genomic timetree and historical biogeography of Caribbean island ameiva lizards ( <i>Pholidoscelis</i> : Teiidae). <i>Ecology and Evolution</i> , 2017, 7, 7080-7090.	1.9	25
23	Global priorities for conservation across multiple dimensions of mammalian diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 7641-7646.	7.1	213
24	Time best explains global variation in species richness of amphibians, birds and mammals. <i>Journal of Biogeography</i> , 2016, 43, 1069-1079.	3.0	49
25	Methodological congruence in phylogenomic analyses with morphological support for teiid lizards (Sauria: Teiidae). <i>Molecular Phylogenetics and Evolution</i> , 2016, 103, 75-84.	2.7	45
26	Advances in Time Estimation Methods for Molecular Data. <i>Molecular Biology and Evolution</i> , 2016, 33, 863-869.	8.9	96
27	Phylogenetics, classification, and biogeography of the treefrogs (Amphibia: Anura: Arboranae). <i>Zootaxa</i> , 2016, 4104, 1-109.	0.5	294
28	Global mammal beta diversity shows parallel assemblage structure in similar but isolated environments. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20161028.	2.6	38
29	A revision of the green Anoles of Hispaniola with description of eight new species (Reptilia, Squamata, Anolis). <i>Systematic Zoology</i> , 2016, 65, 1-10.	0.1	784314
30	Molecular and morphological data support recognition of a new genus of New World direct-developing frog (Anura: Terrarana) from an under-sampled region of South America. <i>Zootaxa</i> , 2015, 3986, 151-72.	0.5	15
31	Tree of Life Reveals Clock-Like Speciation and Diversification. <i>Molecular Biology and Evolution</i> , 2015, 32, 835-845.	8.9	862
32	The high-level classification of skinks (Reptilia, Sauria, Scincidae). <i>Systematic Zoology</i> , 2015, 64, 1-10.	0.5	10
33	The conservation status of the world's reptiles. <i>Biological Conservation</i> , 2013, 157, 372-385.	4.1	642
34	Tracing the history and biogeography of the Australian blindsnake radiation. <i>Journal of Biogeography</i> , 2013, 40, 928-937.	3.0	23
35	Molecular phylogeny and historical biogeography of West Indian boid snakes ( <i>Chilabothrus</i> ). <i>Molecular Phylogenetics and Evolution</i> , 2013, 68, 461-470.	2.7	39
36	Wormholes record species history in space and time. <i>Biology Letters</i> , 2013, 9, 20120926.	2.3	4

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37	A new tuberculated <i>Pristimantis</i> (Anura, Terrarana, Strabomantidae) from the Venezuelan Andes, redescription of <i>Pristimantis pleurostriatus</i> , and variation within <i>Pristimantis vanadisae</i> . <i>Zootaxa</i> , 2013, 3647, 43-62.	0.5	7
38	A new skink fauna from Caribbean islands (Squamata, Mabuyidae, Mabuyinae). <i>Zootaxa</i> , 2012, 3288, 1.	0.5	123
39	Amniote phylogeny and the position of turtles. <i>BMC Biology</i> , 2012, 10, 64.	3.8	46
40	Origin of invasive Florida frogs traced to Cuba. <i>Biology Letters</i> , 2011, 7, 407-410.	2.3	33
41	The Impact of Conservation on the Status of the World's Vertebrates. <i>Science</i> , 2010, 330, 1503-1509.	12.6	1,209
42	Blindsnake evolutionary tree reveals long history on Gondwana. <i>Biology Letters</i> , 2010, 6, 558-561.	2.3	98
43	A new frog family (Anura: Terrarana) from South America and an expanded direct-developing clade revealed by molecular phylogeny. <i>Zootaxa</i> , 2009, 2211, 1-35.	0.5	110
44	Molecular phylogeny, classification, and biogeography of West Indian racer snakes of the Tribe Alsophiini (Squamata, Dipsadidae, Xenodontinae). <i>Zootaxa</i> , 2009, 2067, 1-28.	0.5	40
45	Origin of tropical American burrowing reptiles by transatlantic rafting. <i>Biology Letters</i> , 2008, 4, 115-118.	2.3	127
46	New World direct-developing frogs (Anura: Terrarana): Molecular phylogeny, classification, biogeography, and conservation. <i>Zootaxa</i> , 2008, 1737, 1.	0.5	504
47	A replacement name for <i>Isodactylus</i> Hedges, Duellman, and Heinicke, 2008. <i>Zootaxa</i> , 2008, 1795, 67.	0.5	8
48	Major Caribbean and Central American frog faunas originated by ancient oceanic dispersal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 10092-10097.	7.1	321
49	Molecular phylogeny and biogeography of West Indian frogs of the genus <i>Leptodactylus</i> (Anura, Tj ETQq1 1 0.784314 rgBT /Overloc	2.7	30
50	Molecular phylogeny and biogeography of the Antillean geckos <i>Phyllodactylus wirshingi</i> , <i>Tarentola americana</i> , and <i>Hemidactylus haitianus</i> (Reptilia, Squamata). <i>Molecular Phylogenetics and Evolution</i> , 2007, 45, 409-416.	2.7	34
51	PALEOGEOGRAPHY OF THE ANTILLES AND ORIGIN OF WEST INDIAN TERRESTRIAL VERTEBRATES <sup>1</sup> . <i>Annals of the Missouri Botanical Garden</i> , 2006, 93, 231-244.	1.3	127
52	An overview of the evolution and conservation of West Indian amphibians and reptiles. <i>Applied Herpetology</i> , 2006, 3, 281-292.	0.5	19
53	TimeTree: a public knowledge-base of divergence times among organisms. <i>Bioinformatics</i> , 2006, 22, 2971-2972.	4.1	1,096
54	Mainland colonization by island lizards. <i>Journal of Biogeography</i> , 2005, 32, 929-938.	3.0	195

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55	Precision of molecular time estimates. Trends in Genetics, 2004, 20, 242-247.	6.7	259
56	A molecular timescale of eukaryote evolution and the rise of complex multicellular life. BMC Evolutionary Biology, 2004, 4, 2.	3.2	497
57	Comparison of mode estimation methods and application in molecular clock analysis. BMC Bioinformatics, 2003, 4, 31.	2.6	49
58	Genomic clocks and evolutionary timescales. Trends in Genetics, 2003, 19, 200-206.	6.7	257
59	Vertebrate Genomes Compared. Science, 2002, 297, 1283-1285.	12.6	92
60	The origin and evolution of model organisms. Nature Reviews Genetics, 2002, 3, 838-849.	16.3	695
61	Molecular Evidence for the Early Colonization of Land by Fungi and Plants. Science, 2001, 293, 1129-1133.	12.6	910
62	A start for population genomics. Nature, 2000, 408, 652-653.	27.8	39
63	Snake relationships revealed by slow-evolving proteins: a preliminary survey. Journal of Zoology, 1996, 240, 1-28.	1.7	38
64	Rapid chromosome evolution in Jamaican frogs of the genus <i>Eleutherodactylus</i> (Leptodactylidae). Journal of Zoology, 1995, 235, 9-31.	1.7	24
65	Global amphibian declines: a perspective from the Caribbean. Biodiversity and Conservation, 1993, 2, 290-303.	2.6	34
66	Caribbean hot spot. Nature, 1993, 364, 375-375.	27.8	13
67	Ancestry of unisexual salamanders. Nature, 1992, 356, 708-710.	27.8	144
68	On the taxonomic recognition of skinks from the Guadeloupe Archipelago (Squamata, Mabuyidae). Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.0	1
69	Definition of the Caribbean Islands biogeographic region, with checklist and recommendations for standardized common names of amphibians and reptiles. Caribbean Herpetology, 0, , 1-53.	0.0	12
70	A replacement name for the Hispaniolan anole formerly referred to as, <i>Anolis chlorocyanus</i> DumÃ©ril & Bibron, 1837. Caribbean Herpetology, 0, , 1-3.	0.0	0