

Stephen Blair Hedges

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

12,201
citations

101384

36
h-index

98622

67
g-index

72
all docs

72
docs citations

72
times ranked

17934
citing authors

#	ARTICLE	IF	CITATIONS
1	TimeTree: A Resource for Timelines, Timetrees, and Divergence Times. <i>Molecular Biology and Evolution</i> , 2017, 34, 1812-1819.	3.5	2,017
2	The Impact of Conservation on the Status of the World's Vertebrates. <i>Science</i> , 2010, 330, 1503-1509.	6.0	1,209
3	TimeTree: a public knowledge-base of divergence times among organisms. <i>Bioinformatics</i> , 2006, 22, 2971-2972.	1.8	1,096
4	Molecular Evidence for the Early Colonization of Land by Fungi and Plants. <i>Science</i> , 2001, 293, 1129-1133.	6.0	910
5	Tree of Life Reveals Clock-Like Speciation and Diversification. <i>Molecular Biology and Evolution</i> , 2015, 32, 835-845.	3.5	862
6	The origin and evolution of model organisms. <i>Nature Reviews Genetics</i> , 2002, 3, 838-849.	7.7	695
7	The conservation status of the world's reptiles. <i>Biological Conservation</i> , 2013, 157, 372-385.	1.9	642
8	New World direct-developing frogs (Anura: Terrarana): Molecular phylogeny, classification, biogeography, and conservation. <i>Zootaxa</i> , 2008, 1737, 1.	0.2	504
9	A molecular timescale of eukaryote evolution and the rise of complex multicellular life. <i>BMC Evolutionary Biology</i> , 2004, 4, 2.	3.2	497
10	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.	3.3	321
11	Phylogenetics, classification, and biogeography of the treefrogs (Amphibia: Anura: Arboranae). <i>Zootaxa</i> , 2016, 4104, 1-109.	0.2	294
12	Precision of molecular time estimates. <i>Trends in Genetics</i> , 2004, 20, 242-247.	2.9	259
13	Genomic clocks and evolutionary timescales. <i>Trends in Genetics</i> , 2003, 19, 200-206.	2.9	257
14	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.	3.3	213
15	Mainland colonization by island lizards. <i>Journal of Biogeography</i> , 2005, 32, 929-938.	1.4	195
16	Ancestry of unisexual salamanders. <i>Nature</i> , 1992, 356, 708-710.	13.7	144
17	A global reptile assessment highlights shared conservation needs of tetrapods. <i>Nature</i> , 2022, 605, 285-290.	13.7	130
18	PALEOGEOGRAPHY OF THE ANTILLES AND ORIGIN OF WEST INDIAN TERRESTRIAL VERTEBRATES. <i>Annals of the Missouri Botanical Garden</i> , 2006, 93, 231-244.	1.3	127

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19	Origin of tropical American burrowing reptiles by transatlantic rafting. <i>Biology Letters</i> , 2008, 4, 115-118.	1.0	127
20	A new skink fauna from Caribbean islands (Squamata, Mabuyidae, Mabuyinae). <i>Zootaxa</i> , 2012, 3288, 1.	0.2	123
21	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.	0.2	110
22	Blindsnake evolutionary tree reveals long history on Gondwana. <i>Biology Letters</i> , 2010, 6, 558-561.	1.0	98
23	Advances in Time Estimation Methods for Molecular Data. <i>Molecular Biology and Evolution</i> , 2016, 33, 863-869.	3.5	96
24	GENOMICS: Vertebrate Genomes Compared. <i>Science</i> , 2002, 297, 1283b-1285.	6.0	92
25	Phylogenomic support for evolutionary relationships of New World direct-developing frogs (Anura: Tj ETQq1 1 0.784314 rgBT /Overlo	1.2	74
26	The Timetree of Prokaryotes: New Insights into Their Evolution and Speciation. <i>Molecular Biology and Evolution</i> , 2017, 34, msw245.	3.5	69
27	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.	3.5	56
28	Comparison of mode estimation methods and application in molecular clock analysis. <i>BMC Bioinformatics</i> , 2003, 4, 31.	1.2	49
29	Time best explains global variation in species richness of amphibians, birds and mammals. <i>Journal of Biogeography</i> , 2016, 43, 1069-1079.	1.4	49
30	Amniote phylogeny and the position of turtles. <i>BMC Biology</i> , 2012, 10, 64.	1.7	46
31	Haiti'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.	3.3	46
32	Methodological congruence in phylogenomic analyses with morphological support for teiid lizards (Sauria: Teiidae). <i>Molecular Phylogenetics and Evolution</i> , 2016, 103, 75-84.	1.2	45
33	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.	3.4	45
34	Molecular phylogeny, classification, and biogeography of West Indian racer snakes of the Tribe Alsophiini (Squamata, Dipsadidae, Xenodontinae). <i>Zootaxa</i> , 2009, 2067, 1-28.	0.2	40
35	A start for population genomics. <i>Nature</i> , 2000, 408, 652-653.	13.7	39
36	Molecular phylogeny and historical biogeography of West Indian boid snakes (Chilabothrus). <i>Molecular Phylogenetics and Evolution</i> , 2013, 68, 461-470.	1.2	39

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37	Snake relationships revealed by slow-evolving proteins: a preliminary survey. <i>Journal of Zoology</i> , 1996, 240, 1-28.	0.8	38
38	The high-level classification of skinks (Reptilia). <i>Trends in Ecology and Evolution</i> , 2010, 25, 702-707.	0.2	38
39	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.	1.2	38
40	Global amphibian declines: a perspective from the Caribbean. <i>Biodiversity and Conservation</i> , 1993, 2, 290-303.	1.2	34
41	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.	1.2	34
42	Origin of invasive Florida frogs traced to Cuba. <i>Biology Letters</i> , 2011, 7, 407-410.	1.0	33
43	Evolutionary time drives global tetrapod diversity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20172378.	1.2	32
44	Molecular phylogeny and biogeography of West Indian frogs of the genus <i>Leptodactylus</i> (Anura). <i>Trends in Ecology and Evolution</i> , 2010, 25, 504-509.	1.2	30
45	The signature of human pressure history on the biogeography of body mass in tetrapods. <i>Global Ecology and Biogeography</i> , 2017, 26, 1022-1034.	2.7	28
46	Undersampling Genomes has Biased Time and Rate Estimates Throughout the Tree of Life. <i>Molecular Biology and Evolution</i> , 2018, 35, 2077-2084.	3.5	26
47	Genomic timetree and historical biogeography of Caribbean island ameiva lizards (<i>Pholidoscelis</i> : Teiidae). <i>Ecology and Evolution</i> , 2017, 7, 7080-7090.	0.8	25
48	Colonizing the Caribbean: New geological data and an updated land-vertebrate colonization record challenge the GAARlandia land-bridge hypothesis. <i>Journal of Biogeography</i> , 2021, 48, 2699-2707.	1.4	25
49	Rapid chromosome evolution in Jamaican frogs of the genus <i>Eleutherodactylus</i> (Leptodactylidae). <i>Journal of Zoology</i> , 1995, 235, 9-31.	0.8	24
50	Tracing the history and biogeography of the Australian blindsnake radiation. <i>Journal of Biogeography</i> , 2013, 40, 928-937.	1.4	23
51	Accurate timetrees require accurate calibrations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E9510-E9511.	3.3	22
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	Environmental variation is a major predictor of global trait turnover in mammals. <i>Journal of Biogeography</i> , 2018, 45, 225-237.	1.4	17
54	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.	0.2	15

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55	Caribbean hot spot. <i>Nature</i> , 1993, 364, 375-375.	13.7	13
56	Definition of the Caribbean Islands biogeographic region, with checklist and recommendations for standardized common names of amphibians and reptiles. <i>Caribbean Herpetology</i> , 0, , 1-53.	0.0	12
57	Limitations of Phylogenomic Data Can Drive Inferred Speciation Rate Shifts. <i>Molecular Biology and Evolution</i> , 2022, 39, .	3.5	9
58	A replacement name for <i>Isodactylus</i> Hedges, Duellman, and Heinicke, 2008. <i>Zootaxa</i> , 2008, 1795, 67.	0.2	8
59	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.	0.2	7
60	A morphological and molecular revision of lizards of the genus <i>Marisora</i> Hedges & Conn (Squamata: Mabuyidae) from Central America and Mexico, with descriptions of four new species. <i>Zootaxa</i> , 2020, 4763, zootaxa.4763.3.1.	0.2	6
61	Phylogenomic data resolve the historical biogeography and ecomorphs of Neotropical forest lizards (Squamata, Diploglossidae). <i>Molecular Phylogenetics and Evolution</i> , 2022, 175, 107577.	1.2	6
62	Phylogenetics, classification, and biogeography of the Neotropical forest lizards (Squamata, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 T	0.2	5
63	A revision of the green Anoles of Hispaniola with description of eight new species (Reptilia, Squamata,) Tj ETQq1 1 0.784314 rgBT /Ov	0.1	5
64	Wormholes record species history in space and time. <i>Biology Letters</i> , 2013, 9, 20120926.	1.0	4
65	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.	1.2	3
66	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
67	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.	3.3	1
68	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.	0.2	1
69	On the taxonomic recognition of skinks from the Guadeloupe Archipelago (Squamata, Mabuyidae,) Tj ETQq1 1 0.784314 rgBT /Overlock	0.0	1
70	A replacement name for the Hispaniolan anole formerly referred to as, <i>Anolis chlorocyanus</i> DumÃ©ril & Bibron, 1837. <i>Caribbean Herpetology</i> , 0, , 1-3.	0.0	0