Adam D. LeachÃ©

List of Publications by Year
in descending order

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88	6,471	159585 30	71685 76
papers	citations	h-index	g-index

93	93	93	6801
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evidence for ephemeral ring species formation during the diversification history of western fence lizards (Sceloporus occidentalis). Molecular Ecology, 2022, 31, 620-631.	3.9	17
2	Phase Resolution of Heterozygous Sites in Diploid Genomes is Important to Phylogenomic Analysis under the Multispecies Coalescent Model. Systematic Biology, 2022, 71, 334-352.	5.6	11
3	Rapid Radiation and Rampant Reticulation: Phylogenomics of South AmericanLiolaemusLizards. Systematic Biology, 2022, 71, 286-300.	5.6	20
4	Giant Tree Frog diversification in West and Central Africa: Isolation by physical barriers, climate, and reproductive traits. Molecular Ecology, 2022, 31, 3979-3998.	3.9	7
5	Genome-Scale Data Reveal Deep Lineage Divergence and a Complex Demographic History in the Texas Horned Lizard (Phrynosoma cornutum) throughout the Southwestern and Central United States. Genome Biology and Evolution, 2022, 14, .	2.5	15
6	Strange but common in isolated environments: new records of Marathrum (Podostemaceae) in rivers of Colombia. Aquatic Botany, 2022, 177, 103483.	1.6	2
7	Genomic scale data shows that Parastacus nicoleti encompasses more than one species of burrowing continental crayfishes and that lineage divergence occurred with and without gene flow. Molecular Phylogenetics and Evolution, 2022, 169, 107443.	2.7	3
8	Population expansion, divergence, and persistence in Western Fence Lizards (Sceloporus occidentalis) at the northern extreme of their distributional range. Scientific Reports, 2022, 12, 6310.	3.3	2
9	Characterization of a pericentric inversion in plateau fence lizards (Sceloporus tristichus): evidence from chromosome-scale genomes. G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	8
10	Genetically diverse yet morphologically conserved: Hidden diversity revealed among Bornean geckos (Gekkonidae: Cyrtodactylus). Journal of Zoological Systematics and Evolutionary Research, 2021, 59, 1113-1135.	1.4	7
11	Four Species Linked by Three Hybrid Zones: Two Instances of Repeated Hybridization in One Species Group (Genus Liolaemus). Frontiers in Ecology and Evolution, 2021, 9, .	2.2	6
12	A new critically endangered slippery frog (Amphibia, Conrauidae, Conraua) from the Atewa Range, central Ghana. Zootaxa, 2021, 4995, 71-95.	0.5	2
13	Integration of genetic structure into conservation of an endangered, endemic lizard, Ceratophora aspera: A case study from Sri Lanka. Biotropica, 2021, 53, 1301-1315.	1.6	1
14	Andean uplift, drainage basin formation, and the evolution of plants living in fastâ€flowing aquatic ecosystems in northern South America. New Phytologist, 2021, 232, 2175-2190.	7.3	6
15	The effects of climate and demographic history in shaping genomic variation across populations of the Desert Horned Lizard (Phrynosoma platyrhinos). Molecular Ecology, 2021, 30, 4481-4496.	3.9	8
16	Phylogeny of Lantana, Lippia, and related genera (Lantaneae: Verbenaceae). American Journal of Botany, 2021, 108, 1354-1373.	1.7	6
17	A chromosome-level genome assembly for the eastern fence lizard (Sceloporus undulatus), a reptile model for physiological and evolutionary ecology. GigaScience, 2021, 10, .	6.4	3
18	Molecular Identification of Sceloporus Lizards in the Laramie Mountains, Wyoming. Western North American Naturalist, 2021, 81, .	0.4	0

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19	Genomic and mitochondrial evidence of ancient isolations and extreme introgression in the four-lined snake. Environmental Epigenetics, 2020, 66, 99-111.	1.8	13
20	A phylogenomic resolution for the taxonomy of Aegean green lizards. Zoologica Scripta, 2020, 49, 14-27.	1.7	22
21	A transmissible cancer shifts from emergence to endemism in Tasmanian devils. Science, 2020, 370, .	12.6	24
22	Species IUCN threat status level increases with elevation: a phylogenetic approach for Neotropical tree frog conservation. Biodiversity and Conservation, 2020, 29, 2515-2537.	2.6	3
23	Phylogenomic data resolve higher-level relationships within South American Liolaemus lizards. Molecular Phylogenetics and Evolution, 2020, 147, 106781.	2.7	15
24	Comparative phylogeography of West African amphibians and reptiles. Evolution; International Journal of Organic Evolution, 2020, 74, 716-724.	2.3	31
25	Locally adaptive Bayesian birth-death model successfully detects slow and rapid rate shifts. PLoS Computational Biology, 2020, 16, e1007999.	3.2	30
26	The Spectre of Too Many Species. Systematic Biology, 2019, 68, 168-181.	5.6	189
27	Plastid Genomes of Five Species of Riverweeds (Podostemaceae): Structural Organization and Comparative Analysis in Malpighiales. Frontiers in Plant Science, 2019, 10, 1035.	3.6	43
28	Exploring rain forest diversification using demographic model testing in the African foamâ€nest treefrog Chiromantis rufescens. Journal of Biogeography, 2019, 46, 2706-2721.	3.0	28
29	Genomeâ€wide markers untangle the greenâ€lizard radiation in the Aegean Sea and support a rare biogeographical pattern. Journal of Biogeography, 2019, 46, 552-567.	3.0	24
30	Marginal Likelihoods in Phylogenetics: A Review of Methods and Applications. Systematic Biology, 2019, 68, 681-697.	5.6	26
31	Whole genomes: the holy grail. A commentary on: â€˜Molecular phylogenomics of the tribe Shoreeae (Dipterocarpaceae) using whole plastidgenomesâ€™. Annals of Botany, 2019, 123, iv-v.	2.9	9
32	Speciation across mountains: Phylogenomics, species delimitation and taxonomy of the Liolaemus leopardinus clade (Squamata, Liolaemidae). Molecular Phylogenetics and Evolution, 2019, 139, 106524.	2.7	28
33	Coalescent-based species delimitation in the sand lizards of the Liolaemus wiegmannii complex (Squamata: Liolaemidae). Molecular Phylogenetics and Evolution, 2019, 138, 89-101.	2.7	16
34	Sexual Dichromatism Drives Diversification within a Major Radiation of African Amphibians. Systematic Biology, 2019, 68, 859-875.	5.6	41
35	Geographic variation in West AfricanAgama picticauda: insights from genetics, morphology and ecology. African Journal of Herpetology, 2019, 68, 33-49.	0.9	3
36	Leapfrogging the Mexican highlands: influence of biogeographical and ecological factors on the diversification of highland species. Biological Journal of the Linnean Society, 2018, 123, 767-781.	1.6	12

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37	Resolving complex phylogeographic patterns in the Balkan Peninsula using closely related wall-lizard species as a model system. Molecular Phylogenetics and Evolution, 2018, 125, 100-115.	2.7	29
38	Phylogenomic evidence for a recent and rapid radiation of lizards in the Patagonian Liolaemus fitzingerii species group. Molecular Phylogenetics and Evolution, 2018, 125, 243-254.	2.7	25
39	Lifting the blue-headed veil â€“ integrative taxonomy of theAcanthocercus atricollisspecies complex (Squamata: Agamidae). Journal of Natural History, 2018, 52, 771-817.	0.5	5
40	Discordance between genomic divergence and phenotypic variation in a rapidly evolving avian genus (Motacilla). Molecular Phylogenetics and Evolution, 2018, 120, 183-195.	2.7	50
41	Diversity and biogeography of frogs in the genus Amnirana (Anura: Ranidae) across sub-Saharan Africa. Molecular Phylogenetics and Evolution, 2018, 120, 274-285.	2.7	29
42	A new species of Puddle Frog, genus Phrynobatrachus (Amphibia: Anura: Phrynobatrachidae) from Ghana. Zootaxa, 2018, 4374, 565.	0.5	2
43	Sky, sea, and forest islands: Diversification in the African leafâ€folding frog Afrixalus paradorsalis (Anura: Hyperoliidae) of the Lower Guineoâ€Congolian rain forest. Journal of Biogeography, 2018, 45, 1781-1794.	3.0	33
44	A genomic evaluation of taxonomic trends through time in coast horned lizards (genus Phrynosoma) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.9	14
45	Evidence for concerted movement of nuclear and mitochondrial clines in a lizard hybrid zone. Molecular Ecology, 2017, 26, 2306-2316.	3.9	23
46	Do dams also stop frogs? Assessing population connectivity of coastal tailed frogs (Ascaphus truei) in the North Cascades National Park Service Complex. Conservation Genetics, 2017, 18, 439-451.	1.5	7
47	Persistence of historical population structure in an endangered species despite nearâ€complete biome conversion in California's San Joaquin Desert. Molecular Ecology, 2017, 26, 3618-3635.	3.9	23
48	Evaluating mechanisms of diversification in a Guineoâ€Congolian tropical forest frog using demographic model selection. Molecular Ecology, 2017, 26, 5245-5263.	3.9	157
49	The Utility of Single Nucleotide Polymorphism (SNP) Data in Phylogenetics. Annual Review of Ecology, Evolution, and Systematics, 2017, 48, 69-84.	8.3	141
50	Bayesian inference of species diffusion in the West AfricanAgama agamaspecies group (Reptilia,) Tj ETQq0 0 0 rgBT /Overlock 10	1.2	22
51	Phylogenomics and species delimitation in the knob-scaled lizards of the genus Xenosaurus (Squamata: Xenosauridae) using ddRADseq data reveal a substantial underestimation of diversity. Molecular Phylogenetics and Evolution, 2017, 106, 241-253.	2.7	63
52	Phylogenomic analysis of the Chilean clade ofLiolaemuslizards (Squamata: Liolaemidae) based on sequence capture data. PeerJ, 2017, 5, e3941.	2.0	12
53	Phylogenomics of a rapid radiation: is chromosomal evolution linked to increased diversification in north american spiny lizards (Genus Sceloporus)?. BMC Evolutionary Biology, 2016, 16, 63.	3.2	76
54	Influence of geology and human activity on the genetic structure and demography of the Oriental fire-bellied toad (Bombina orientalis). Molecular Phylogenetics and Evolution, 2016, 97, 69-75.	2.7	20

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55	Detecting the Anomaly Zone in Species Trees and Evidence for a Misleading Signal in Higher-Level Skink Phylogeny (Squamata: Scincidae).. Systematic Biology, 2016, 65, 465-477.	5.6	85
56	Implementing and testing the multispecies coalescent model: A valuable paradigm for phylogenomics. Molecular Phylogenetics and Evolution, 2016, 94, 447-462.	2.7	321
57	Phylogenomics of Phrynosomatid Lizards: Conflicting Signals from Sequence Capture versus Restriction Site Associated DNA Sequencing. Genome Biology and Evolution, 2015, 7, 706-719.	2.5	154
58	Uprooting phylogenetic uncertainty in coalescent species delimitation: A meta-analysis of empirical studies. Environmental Epigenetics, 2015, 61, 866-873.	1.8	15
59	A comparison of DNA barcoding markers in West African frogs. African Journal of Herpetology, 2015, 64, 135-147.	0.9	10
60	The influence of temperature seasonality on elevational range size across latitude: a test using <scp>L</scp>iolaemus lizards. Global Ecology and Biogeography, 2015, 24, 632-641.	5.8	22
61	Estimating the temporal and spatial extent of gene flow among sympatric lizard populations (genus) Tj ETQq1 1 0.784314 rgBT /Over	3.9	16
62	Short Tree, Long Tree, Right Tree, Wrong Tree: New Acquisition Bias Corrections for Inferring SNP Phylogenies. Systematic Biology, 2015, 64, 1032-1047.	5.6	286
63	Phylogenomics of Horned Lizards (Genus:Phrynosoma) Using Targeted Sequence Capture Data. Copeia, 2015, 103, 586-594.	1.3	22
64	A New Species of Horned Lizard (GenusPhrynosoma) from Guerrero, MÃ©xico, with an Updated Multilocus Phylogeny. Herpetologica, 2014, 70, 241-257.	0.4	17
65	The Influence of Gene Flow on Species Tree Estimation: A Simulation Study. Systematic Biology, 2014, 63, 17-30.	5.6	308
66	A hybrid phylogeneticâ€“phylogenomic approach for species tree estimation in African Agama lizards with applications to biogeography, character evolution, and diversification. Molecular Phylogenetics and Evolution, 2014, 79, 215-230.	2.7	77
67	Incubator birds: biogeographical origins and evolution of underground nesting in megapodes (Galliformes: Megapodiidae). Journal of Biogeography, 2014, 41, 2045-2056.	3.0	36
68	Species Delimitation using Genome-Wide SNP Data. Systematic Biology, 2014, 63, 534-542.	5.6	390
69	Comparative Species Divergence across Eight Triplets of Spiny Lizards (Sceloporus) Using Genomic Sequence Data. Genome Biology and Evolution, 2013, 5, 2410-2419.	2.5	30
70	Additions to the lizard diversity of the Horn of Africa: Two new species in the Agama spinosa group. Amphibia - Reptilia, 2013, 34, 363-387.	0.5	6
71	Coalescent-based species delimitation in an integrative taxonomy. Trends in Ecology and Evolution, 2012, 27, 480-488.	8.7	716
72	The genus Astylosternus in the Upper Guinea rainforests, West Africa, with the description of a new species (Amphibia: Anura: Arthroleptidae). Zootaxa, 2012, 3245, 1.	0.5	11

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73	Multi-Locus Estimates of Population Structure and Migration in a Fence Lizard Hybrid Zone. PLoS ONE, 2011, 6, e25827.	2.5	15
74	A coalescent perspective on delimiting and naming species: a reply to Bauer et al.. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 493-495.	2.6	65
75	The Accuracy of Species Tree Estimation under Simulation: A Comparison of Methods. Systematic Biology, 2011, 60, 126-137.	5.6	245
76	Species trees for spiny lizards (Genus Sceloporus): Identifying points of concordance and conflict between nuclear and mitochondrial data. Molecular Phylogenetics and Evolution, 2010, 54, 162-171.	2.7	79
77	Phenotypic evolution in high-elevation populations of western fence lizards (Sceloporus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 630-641.	1.6	33
78	Bayesian species delimitation in West African forest geckos (Hemidactylus fasciatus). Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 3071-3077.	2.6	485
79	A New Squeaker Frog (Arthroleptidae: Arthroleptis) from the Mountains of Cameroon and Nigeria. Herpetologica, 2010, 66, 335-348.	0.4	18
80	Species Tree Discordance Traces to Phylogeographic Clade Boundaries in North American Fence Lizards (Sceloporus). Systematic Biology, 2009, 58, 547-559.	5.6	163
81	Quantifying ecological, morphological, and genetic variation to delimit species in the coast horned lizard species complex (Phrynosoma). Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 12418-12423.	7.1	212
82	Hybridization between multiple fence lizard lineages in an ecotone: locally discordant variation in mitochondrial DNA, chromosomes, and morphology. Molecular Ecology, 2007, 16, 1035-1054.	3.9	57
83	Two waves of diversification in mammals and reptiles of Baja California revealed by hierarchical Bayesian analysis. Biology Letters, 2007, 3, 646-650.	2.3	87
84	Phylogeny, divergence times and species limits of spiny lizards (Sceloporus magisterspecies) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.9	100
85	Direct and Indirect Effects of Environmental Temperature on the Evolution of Reproductive Strategies: An Informationâ€Theoretic Approach. American Naturalist, 2006, 168, E123-E135.	2.1	64
86	Phylogenetic relationships of horned lizards (Phrynosoma) based on nuclear and mitochondrial data: Evidence for a misleading mitochondrial gene tree. Molecular Phylogenetics and Evolution, 2006, 39, 628-644.	2.7	143
87	Bergmannâ€™s Clines in Ectotherms: Illustrating a Lifeâ€History Perspective with Sceloporine Lizards. American Naturalist, 2004, 164, E168-E183.	2.1	175
88	Molecular Systematics of the Eastern Fence Lizard (Sceloporus undulatus): A Comparison of Parsimony, Likelihood, and Bayesian Approaches. Systematic Biology, 2002, 51, 44-68.	5.6	587