Andrew J Crawford

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8690708/publications.pdf

Version: 2024-02-01

60 papers	4,232 citations	201674 27 h-index	155660 55 g-index
68 all docs	68 docs citations	68 times ranked	5393 citing authors

#	Article	IF	Citations
1	The Earth BioGenome Project 2020: Starting the clock. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	124
2	Standards recommendations for the Earth BioGenome Project. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	33
3	EBP-Colombia and the bioeconomy: Genomics in the service of biodiversity conservation and sustainable development. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	13
4	Landscape Genetics and Species Delimitation in the Andean Palm Rocket Frog (Aromobatidae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	1.4	0
5	DNA barcoding of the National Museum of Natural History reptile tissue holdings raises concerns about the use of natural history collections and the responsibilities of scientists in the molecular age. PLoS ONE, 2022, 17, e0264930.	2.5	17
6	Idiosyncratic responses to drivers of genetic differentiation in the complex landscapes of Isthmian Central America. Heredity, 2021, 126, 251-265.	2.6	5
7	How to Make a Rodent Giant: Genomic Basis and Tradeoffs of Gigantism in the Capybara, the Worldâ€™s Largest Rodent. Molecular Biology and Evolution, 2021, 38, 1715-1730.	8.9	16
8	Towards complete and error-free genome assemblies of all vertebrate species. Nature, 2021, 592, 737-746.	27.8	1,139
9	Integrative taxonomy reveals a new but common Neotropical treefrog, hidden under the name Boana xerophylla. Zootaxa, 2021, 4981, 401448.	0.5	4
10	Phylogeny of terraranan frogs based on 2,665 loci and impacts of missing data on phylogenomic analyses. Systematics and Biodiversity, 2021, 19, 818-833.	1.2	10
11	Concerted evolution reveals co-adapted amino acid substitutions in Na+K+-ATPase of frogs that prey on toxic toads. Current Biology, 2021, 31, 2530-2538.e10.	3.9	20
12	Species diversity and biogeography of an ancient frog clade from the Guiana Shield (Anura:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 T phenotypic diversification. Biological Journal of the Linnean Society, 2021, 132, 233-256.	1.6	23
13	Recent and Rapid Radiation of the Highly Endangered Harlequin Frogs (Atelopus) into Central America Inferred from Mitochondrial DNA Sequences. Diversity, 2020, 12, 360.	1.7	6
14	Historical biogeography identifies a possible role of Miocene wetlands in the diversification of the Amazonian rocket frogs (Aromobatidae: Allobates). Journal of Biogeography, 2020, 47, 2472-2482.	3.0	31
15	Reproductive phenology in a Neotropical aquatic snake shows marked seasonality influenced by rainfall patterns. Journal of Natural History, 2020, 54, 1845-1862.	0.5	4
16	Contrasting genetic, acoustic, and morphological differentiation in two closely related gladiator frogs (Hylidae: Boana) across a common Neotropical landscape. Zootaxa, 2019, 4609, zootaxa.4609.3.8.	0.5	2
17	Testing effects of Pleistocene climate change on the altitudinal and horizontal distributions of frogs from the Colombian Andes: a species distribution modeling approach. Frontiers of Biogeography, 2019, 11, .	1.8	5
18	Cryptic diversity and ranavirus infection of a critically endangered Neotropical frog before and after population collapse. Animal Conservation, 2019, 22, 515-524.	2.9	10

#	Article	IF	Citations
19	Comparing evolutionary rates between trees, clades and traits. Methods in Ecology and Evolution, 2018, 9, 994-1005.	5.2	23
20	Evaluating methods for phylogenomic analyses, and a new phylogeny for a major frog clade (Hyloidea) based on 2214 loci. Molecular Phylogenetics and Evolution, 2018, 119, 128-143.	2.7	63
21	Life on the Edge: A Comparative Study of Ecophysiological Adaptations of Frogs to Tropical Semiarid Environments. Physiological and Biochemical Zoology, 2018, 91, 740-756.	1.5	12
22	Advancing Understanding of Amphibian Evolution, Ecology, Behavior, and Conservation with Massively Parallel Sequencing. Population Genomics, 2018, , 211-254.	0.5	22
23	Altitudinal distribution and advertisement call of Colostethus latinasus (Amphibia: Dendrobatidae), endemic species from eastern Panama and typeÂspecies of Colostethus , with a molecular assessment of similar sympatric species. Zootaxa, 2017, 4254, 91.	0.5	1
24	Current and predicted distribution of the pathogenic fungus Batrachochytrium dendrobatidis in Colombia, a hotspot of amphibian biodiversity. Biotropica, 2017, 49, 685-694.	1.6	26
25	Evaluating the probability of avoiding diseaseâ€related extinctions of Panamanian amphibians through captive breeding programs. Animal Conservation, 2016, 19, 324-336.	2.9	19
26	Quaternary glaciation and the Great American Biotic Interchange. Geology, 2016, 44, 375-378.	4.4	57
27	<p>A new species of the Craugastor podiciferus species group (Anura:) Tj ETQq1 1 0.784314 rgBT /Ov 2016, 4132, 347.	0.5	3
28	A new small golden frog of the genus Pristimantis (Anura: Craugastoridae) from an Andean cloud forest of Colombia. Amphibia - Reptilia, 2016, 37, 153-166.	0.5	8
29	The Antarctic Circumpolar Current as a diversification trigger for deep-sea octocorals. BMC Evolutionary Biology, 2016, 16, 2.	3.2	32
30	Testing the role of ecology and life history in structuring genetic variation across a landscape: a traitâ€based phylogeographic approach. Molecular Ecology, 2015, 24, 3723-3737.	3.9	83
31	Molecular phylogenetics and biogeography of the Neotropical skink genus Mabuya Fitzinger (Squamata: Scincidae) with emphasis on Colombian populations. Molecular Phylogenetics and Evolution, 2015, 93, 188-211.	2.7	20
32	Of peaks and valleys: testing the roles of orogeny and habitat heterogeneity in driving allopatry in midâ€elevation frogs (Aromobatidae: Rheobates) of the northern Andes. Journal of Biogeography, 2015, 42, 193-205.	3.0	38
33	DNA Barcoding Survey of Anurans across the Eastern Cordillera of Colombia and the Impact of the Andes on Cryptic Diversity. PLoS ONE, 2015, 10, e0127312.	2.5	49
34	A new species of Andinobates (Amphibia: Anura: Dendrobatidae) from west central Panama. Zootaxa, 2014, 3866, 333-52.	0.5	4
35	High Levels of Diversity Uncovered in a Widespread Nominal Taxon: Continental Phylogeography of the Neotropical Tree Frog Dendropsophus minutus. PLoS ONE, 2014, 9, e103958.	2.5	110
36	Using historical biogeography to test for community saturation. Ecology Letters, 2014, 17, 1077-1085.	6.4	35

#	Article	IF	Citations
37	DNA barcoding applied to ex situ tropical amphibian conservation programme reveals cryptic diversity in captive populations. Molecular Ecology Resources, 2013, 13, 1005-1018.	4.8	46
38	Cold Code: the global initiative to <scp>DNA</scp> barcode amphibians and nonavian reptiles. Molecular Ecology Resources, 2013, 13, 161-167.	4.8	72
39	Characterization of the First Batrachochytrium dendrobatidis Isolate from the Colombian Andes, an Amphibian Biodiversity Hotspot. EcoHealth, 2013, 10, 72-76.	2.0	13
40	Comparative Phylogeography of Direct-Developing Frogs (Anura: Craugastoridae: Pristimantis) in the Southern Andes of Colombia. PLoS ONE, 2012, 7, e46077.	2.5	27
41	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.	2.7	103
42	Molecular-based rapid inventories of sympatric diversity: A comparison of DNA barcode clustering methods applied to geography-based vs clade-based sampling of amphibians. Journal of Biosciences, 2012, 37, 887-896.	1.1	75
43	Molecular phylogeny of an endemic radiation of Cuban toads (Bufonidae: Peltophryne) based on mitochondrial and nuclear genes. Journal of Biogeography, 2012, 39, 434-451.	3.0	78
44	DNA barcoding identifies a third invasive species of Eleutherodactylus (Anura: Eleutherodactylidae) in Panama City, Panama. Zootaxa, 2011, 2890, 65.	0.5	18
45	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
46	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.	7.1	315
47	A New Species of Pristimantis (Anura: Strabomantidae) from the Pacific Coast of the Darien Province, Panama, with a Molecular Analysis of its Phylogenetic Position. Herpetologica, 2010, 66, 192-206.	0.4	12
48	Genome 10K: A Proposal to Obtain Whole-Genome Sequence for 10â€‰000 Vertebrate Species. Journal of Heredity, 2009, 100, 659-674.	2.4	504
49	Multilocus molecular phylogenetic analysis of the montane Craugastor podiciferus species complex (Anura: Craugastoridae) in Isthmian Central America. Molecular Phylogenetics and Evolution, 2009, 53, 620-630.	2.7	32
50	Mitochondrial DNA phylogeography of Caiman crocodilus in Mesoamerica and South America. Journal of Experimental Zoology, 2008, 309A, 614-627.	1.2	50
51	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.	2.7	61
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.	3.9	69
53	Cenozoic biogeography and evolution in direct-developing frogs of Central America (Leptodactylidae:) Tj ETQq1 1 0.784314 rgBT /Ov Molecular Phylogenetics and Evolution, 2005, 35, 536-555.	2.7	104
54	Biogeography of the tÃºngara frog, Physalaemus pustulosus: a molecular perspective. Molecular Ecology, 2005, 14, 3857-3876.	3.9	64

#	Article	IF	Citations
55	A New Species of Eleutherodactylus (Anura: Leptodactylidae) from the DariÃ©n Province, Panama. Journal of Herpetology, 2004, 38, 240-243.	0.5	9
56	Relative Rates of Nucleotide Substitution in Frogs. Journal of Molecular Evolution, 2003, 57, 636-641.	1.8	89
57	Huge populations and old species of Costa Rican and Panamanian dirt frogs inferred from mitochondrial and nuclear gene sequences. Molecular Ecology, 2003, 12, 2525-2540.	3.9	145
58	Morphological Variation in the Limbs of Taricha granulosa (Caudata: Salamandridae): Evolutionary and Phylogenetic Implications. Evolution; International Journal of Organic Evolution, 1995, 49, 874.	2.3	32
59	Calls, colours, shape, and genes: a multi-trait approach to the study of geographic variation in the Amazonian frog Allobates femoralis. Biological Journal of the Linnean Society, 0, 98, 826-838.	1.6	102
60	Synthesis of geological data and comparative phylogeography of lowland tetrapods suggests recent dispersal through lowland portals crossing the Eastern Andean Cordillera. PeerJ, 0, 10, e13186.	2.0	3