

# Alex Dornburg

## List of Publications by Year in descending order

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Version: 2024-02-01

68  
papers

6,464  
citations

172207

29  
h-index

102304

66  
g-index

87  
all docs

87  
docs citations

87  
times ranked

7056  
citing authors

#	ARTICLE	IF	CITATIONS
1	On the relationship between extant innate immune receptors and the evolutionary origins of jawed vertebrate adaptive immunity. <i>Immunogenetics</i> , 2022, 74, 111-128.	1.2	18
2	Transcriptome annotation reveals minimal immunogenetic diversity among Wyoming toads, <i>Anaxyrus baxteri</i> . <i>Conservation Genetics</i> , 2022, 23, 669-681.	0.8	2
3	The durability of natural infection and vaccine-induced immunity against future infection by SARS-CoV-2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	47
4	Prolonged morphological expansion of spiny-rayed fishes following the end-Cretaceous. <i>Nature Ecology and Evolution</i> , 2022, 6, 1211-1220.	3.4	39
5	The effects of climate change on Australia's only endemic <i>Poecilia</i> : Measuring bias in species distribution models. <i>Methods in Ecology and Evolution</i> , 2021, 12, 985-995.	2.2	9
6	Reevaluating claims of ecological speciation in <i>Halichoeres bivittatus</i> . <i>Ecology and Evolution</i> , 2021, 11, 11449-11456.	0.8	1
7	Phylogenomic Species Delimitation Dramatically Reduces Species Diversity in an Antarctic Adaptive Radiation. <i>Systematic Biology</i> , 2021, 71, 58-77.	2.7	20
8	The bowfin genome illuminates the developmental evolution of ray-finned fishes. <i>Nature Genetics</i> , 2021, 53, 1373-1384.	9.4	48
9	The Emerging Phylogenetic Perspective on the Evolution of Actinopterygian Fishes. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2021, 52, 427-452.	3.8	41
10	Holosteans contextualize the role of the teleost genome duplication in promoting the rise of evolutionary novelties in the ray-finned fish innate immune system. <i>Immunogenetics</i> , 2021, 73, 479-497.	1.2	11
11	Comparative Genomics within and across Bilaterians Illuminates the Evolutionary History of ALK and LTK Proto-Oncogene Origination and Diversification. <i>Genome Biology and Evolution</i> , 2021, 13, .	1.1	6
12	The durability of immunity against reinfection by SARS-CoV-2: a comparative evolutionary study. <i>Lancet Microbe</i> , The, 2021, 2, e666-e675.	3.4	147
13	Comparing the dietary niche overlap and ecomorphological differences between invasive <i>Hemidactylus mabouia</i> geckos and a native gecko competitor. <i>Ecology and Evolution</i> , 2021, 11, 18719-18732.	0.8	4
14	Assessing temporal biases across aggregated historical spatial data: a case study of North Carolina's freshwater fishes. <i>Ecosphere</i> , 2021, 12, .	1.0	1
15	From IgZ to IgT: A Call for a Common Nomenclature for Immunoglobulin Heavy Chain Genes of Ray-Finned Fish. <i>Zebrafish</i> , 2021, 18, 343-345.	0.5	9
16	Molecular Biology and Evolution of Cancer: From Discovery to Action. <i>Molecular Biology and Evolution</i> , 2020, 37, 320-326.	3.5	43
17	Infestation dynamics between parasitic Antarctic fish leeches (Piscicolidae) and their crocodile icefish hosts (Channichthyidae). <i>Polar Biology</i> , 2020, 43, 665-677.	0.5	4
18	Transcriptome Ortholog Alignment Sequence Tools (TOAST) for phylogenomic dataset assembly. <i>BMC Evolutionary Biology</i> , 2020, 20, 41.	3.2	9

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19	Optimal Rates for Phylogenetic Inference and Experimental Design in the Era of Genome-Scale Data Sets. <i>Systematic Biology</i> , 2019, 68, 145-156.	2.7	51
20	Assessing phylogenetic information to reveal uncertainty in historical data: An example using Goodeinae (Teleostei: Cyprinodontiformes: Goodeidae). <i>Molecular Phylogenetics and Evolution</i> , 2019, 134, 282-290.	1.2	6
21	Phylogenomic Analysis of a Putative Missing Link Sparks Reinterpretation of Leech Evolution. <i>Genome Biology and Evolution</i> , 2019, 11, 3082-3093.	1.1	22
22	Historical contingency shapes adaptive radiation in Antarctic fishes. <i>Nature Ecology and Evolution</i> , 2019, 3, 1102-1109.	3.4	50
23	Recent diversification in an ancient lineage of Notothenioid fishes (Bovichtus: Notothenioidei). <i>Polar Biology</i> , 2019, 42, 943-952.	0.5	2
24	Editor's Note: Phylogenomic Analysis of a Putative Missing Link Sparks Reinterpretation of Leech Evolution. <i>Genome Biology and Evolution</i> , 2019, 11, 3275-3275.	1.1	2
25	Are Geckos Paratenic Hosts for Caribbean Island Acanthocephalans? Evidence from <i>Gonatodes antillensis</i> and a Global Review of Squamate Reptiles Acting as Transport Hosts. <i>Bulletin of the Peabody Museum of Natural History</i> , 2019, 60, 55.	0.6	7
26	Testing ontogenetic patterns of sexual size dimorphism against expectations of the expensive tissue hypothesis, an intraspecific example using oyster toadfish ( <i>Opsanus tau</i> ). <i>Ecology and Evolution</i> , 2018, 8, 3609-3616.	0.8	1
27	Phylogenetic analysis of Antarctic notothenioids illuminates the utility of RADseq for resolving Cenozoic adaptive radiations. <i>Molecular Phylogenetics and Evolution</i> , 2018, 129, 268-279.	1.2	69
28	Eyes Wide Shut: the impact of dim-light vision on neural investment in marine teleosts. <i>Journal of Evolutionary Biology</i> , 2018, 31, 1082-1092.	0.8	15
29	New insights on the sister lineage of percomorph fishes with an anchored hybrid enrichment dataset. <i>Molecular Phylogenetics and Evolution</i> , 2017, 110, 27-38.	1.2	40
30	Endolymphatic Sac Use and Reproductive Activity in the Lesser Antilles Endemic Gecko <i>Gonatodes antillensis</i> (Gekkota: Sphaerodactylidae). <i>Bulletin of the Peabody Museum of Natural History</i> , 2017, 58, 17-29.	0.6	8
31	Phylogenomic Systematics of Ostariophysan Fishes: Ultraconserved Elements Support the Surprising Non-Monophyly of Characiformes. <i>Systematic Biology</i> , 2017, 66, 881-895.	2.7	74
32	Cradles and museums of Antarctic teleost biodiversity. <i>Nature Ecology and Evolution</i> , 2017, 1, 1379-1384.	3.4	44
33	Maximizing Power in Phylogenetics and Phylogenomics: A Perspective Illuminated by Fungal Big Data. <i>Advances in Genetics</i> , 2017, 100, 1-47.	0.8	28
34	An assessment of sampling biases across studies of diel activity patterns in marine ray-finned fishes (Actinopterygii). <i>Bulletin of Marine Science</i> , 2017, 93, 611-639.	0.4	9
35	PhyInformR: phylogenetic experimental design and phylogenomic data exploration in R. <i>BMC Evolutionary Biology</i> , 2016, 16, 262.	3.2	39
36	The Amphibians, Reptiles and Fishes of the 2012 Bukit Pagon Expedition, Brunei Darussalam. <i>Bulletin of the Peabody Museum of Natural History</i> , 2016, 57, 97-114.	0.6	0

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37	Implications of lemuriform extinctions for the Malagasy flora. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 5041-5046.	3.3	47
38	A comprehensive phylogeny of birds (Aves) using targeted next-generation DNA sequencing. Nature, 2016, 534, S7-S8.	13.7	872
39	Cryptic species diversity in sub-Antarctic islands: A case study of <i>Lepidonotothen</i> . Molecular Phylogenetics and Evolution, 2016, 104, 32-43.	1.2	26
40	Disentangling the Influence of Urbanization and Invasion on Endemic Geckos in Tropical Biodiversity Hot Spots: A Case Study of <i>Phyllodactylus martini</i> (Squamata: Phyllodactylidae) along an Urban Gradient in Curaçao. Bulletin of the Peabody Museum of Natural History, 2016, 57, 147-164.	0.6	10
41	Molecular data support the existence of two species of the Antarctic fish genus <i>Cryodraco</i> (Channichthyidae). Polar Biology, 2016, 39, 1369-1379.	0.5	10
42	A comparison of blood gases, biochemistry, and hematology to ecomorphology in a health assessment of pinfish ( <i>Lagodon rhomboides</i> ). PeerJ, 2016, 4, e2262.	0.9	26
43	The biogeographic origin of a radiation of trees in Madagascar: implications for the assembly of a tropical forest biome. BMC Evolutionary Biology, 2015, 15, 216.	3.2	36
44	Identification of the notothenioid sister lineage illuminates the biogeographic history of an Antarctic adaptive radiation. BMC Evolutionary Biology, 2015, 15, 109.	3.2	52
45	Phylogenetic analysis of molecular and morphological data highlights uncertainty in the relationships of fossil and living species of Elopomorpha (Actinopterygii: Teleostei). Molecular Phylogenetics and Evolution, 2015, 89, 205-218.	1.2	32
46	Are 100 enough? Inferring acanthomorph teleost phylogeny using Anchored Hybrid Enrichment. BMC Evolutionary Biology, 2015, 15, 113.	3.2	40
47	A comprehensive phylogeny of birds (Aves) using targeted next-generation DNA sequencing. Nature, 2015, 526, 569-573.	13.7	1,341
48	The impact of shifts in marine biodiversity hotspots on patterns of range evolution: Evidence from the Holocentridae (squirrelfishes and soldierfishes). Evolution; International Journal of Organic Evolution, 2015, 69, 146-161.	1.1	38
49	BOOM AND BUST: ANCIENT AND RECENT DIVERSIFICATION IN BICHIRS (POLYPTERIDAE: ACTINOPTERYGII), A RELICTUAL LINEAGE OF RAY-FINNED FISHES. Evolution; International Journal of Organic Evolution, 2014, 68, 1014-1026.	1.1	44
50	Ingestion of Fossil Seashells, Stones and Small Mammal Bones by Gravid Gopher Tortoises ( <i>Gopherus</i> ). Tj ETQq0 0 0 rgBT /Overlock 10 Tt	0.8	4
51	Phylogenetic relationships and timing of diversification in gonorynchiform fishes inferred using nuclear gene DNA sequences (Teleostei: Ostariophysi). Molecular Phylogenetics and Evolution, 2014, 80, 297-307.	1.2	23
52	Phylogenetic informativeness reconciles ray-finned fish molecular divergence times. BMC Evolutionary Biology, 2014, 14, 169.	3.2	77
53	A multilocus molecular phylogeny of boxfishes (Aracanidae, Ostraciidae; Tetraodontiformes). Molecular Phylogenetics and Evolution, 2013, 66, 153-160.	1.2	34
54	Molecular and fossil evidence place the origin of cichlid fishes long after Gondwanan rifting. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20131733.	1.2	158

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55	Molecular phylogeny and historical biogeography of West Indian boid snakes ( <i>Chilabothrus</i> ). <i>Molecular Phylogenetics and Evolution</i> , 2013, 68, 461-470.	1.2	39
56	Phylogeny and tempo of diversification in the superradiation of spiny-rayed fishes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 12738-12743.	3.3	408
57	Ancient climate change, antifreeze, and the evolutionary diversification of Antarctic fishes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3434-3439.	3.3	291
58	Molecular phylogenetics of squirrelfishes and soldierfishes (Teleostei: Beryciformes: Holocentridae): Reconciling more than 100 years of taxonomic confusion. <i>Molecular Phylogenetics and Evolution</i> , 2012, 65, 727-738.	1.2	31
59	Resolution of ray-finned fish phylogeny and timing of diversification. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 13698-13703.	3.3	787
60	Relaxed Clocks and Inferences of Heterogeneous Patterns of Nucleotide Substitution and Divergence Time Estimates across Whales and Dolphins (Mammalia: Cetacea). <i>Molecular Biology and Evolution</i> , 2012, 29, 721-736.	3.5	115
61	Natural History Observations of the Ichthyological and Herpetological Fauna on the Island of Curaçao (Netherlands). <i>Bulletin of the Peabody Museum of Natural History</i> , 2011, 52, 181-186.	0.6	11
62	THE INFLUENCE OF AN INNOVATIVE LOCOMOTOR STRATEGY ON THE PHENOTYPIC DIVERSIFICATION OF TRIGGERFISH (FAMILY: BALISTIDAE). <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 1912-1926.	1.1	72
63	Integrating Fossil Preservation Biases in the Selection of Calibrations for Molecular Divergence Time Estimation. <i>Systematic Biology</i> , 2011, 60, 519-527.	2.7	62
64	The Amphibians and Reptiles of the 1962-1965 Yale University Prehistoric Expedition to Nubia. <i>Bulletin of the Peabody Museum of Natural History</i> , 2010, 51, 179-197.	0.6	4
65	Nine exceptional radiations plus high turnover explain species diversity in jawed vertebrates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 13410-13414.	3.3	756
66	First Report of Scavenging by the Northern Pacific Rattlesnake ( <i>Crotalus oreganus oreganus</i> ) in the Wild. <i>Northwestern Naturalist</i> , 2009, 90, 55-57.	0.5	1
67	Distribution of Freshwater Fishes in Connecticut Based on Museum Voucher Specimens. <i>Bulletin of the Peabody Museum of Natural History</i> , 2009, 50, 347-379.	0.6	3
68	The Influence of Model Averaging on Clade Posteriors: An Example Using the Triggerfishes (Family) <i>Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50</i>	2.7	53