Ana C Carnaval

List of Publications by Year
in descending order

45 papers	3,744 citations	257450 24 h-index	265206 42 g-index
46 all docs	46 docs citations	46 times ranked	4765 citing authors

#	Article	IF	Citations
1	The effect of past defaunation on ranges, niches, and future biodiversity forecasts. Global Change Biology, 2022, 28, 3683-3693.	9.5	17
2	Integrating remote sensing with ecology and evolution to advance biodiversity conservation. Nature Ecology and Evolution, 2022, 6, 506-519.	7.8	84
3	Extreme environments filter functionally rich communities of Atlantic Forest treefrogs along altitudinal and latitudinal gradients. Ecography, 2022, 2022, .	4.5	0
4	Environmental correlates of taxonomic and phylogenetic diversity in the Atlantic Forest. Journal of Biogeography, 2021, 48, 1377-1391.	3.0	18
5	Whiptail lizard lineage delimitation and population expansion as windows into the history of Amazonian open ecosystems. Systematics and Biodiversity, 2021, 19, 957-975.	1.2	2
6	Effects of climate and geography on spatial patterns of genetic structure in tropical skinks. Molecular Phylogenetics and Evolution, 2020, 143, 106661.	2.7	6
7	Hidden in the DNA: How multiple historical processes and natural history traits shaped patterns of cryptic diversity in an Amazon leafâ€litter lizard Loxopholis osvaldoi (Squamata:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	3.0	6
8	Discovery of a new species of Anolis lizards from Brazil and its implications for the historical biogeography of montane AtlanticÂForest endemics. Amphibia - Reptilia, 2020, 41, 87-103.	0.5	11
9	Seeing the forest through many trees: Multiâ€taxon patterns of phylogenetic diversity in the Atlantic Forest hotspot. Diversity and Distributions, 2020, 26, 1160-1176.	4.1	26
10	Convergence science in the Anthropocene: Navigating the known and unknown. People and Nature, 2020, 2, 96-102.	3.7	9
11	Predicting Patterns of Plant Diversity and Endemism in the Tropics Using Remote Sensing Data: A Study Case from the Brazilian Atlantic Forest. , 2020, , 255-266.		2
12	Thermophysiology, microclimates, and species distributions of lizards in the mountains of the Brazilian Atlantic Forest. Ecography, 2019, 42, 354-364.	4.5	14
13	A tale of two niches: methods, concepts, and evolution. Frontiers of Biogeography, 2019, 11, .	1.8	73
14	Links between prey assemblages and poison frog toxins: A landscape ecology approach to assess how biotic interactions affect species phenotypes. Ecology and Evolution, 2019, 9, 14317-14329.	1.9	13
15	Sufficient versus optimal climatic stability during the Late Quaternary: using environmental quality to guide phylogeographic inferences in a Neotropical montane system. Journal of Mammalogy, 2019, 100, 1783-1807.	1.3	10
16	Phylogeography of Atlantic Forest glassfrogs (Vitreorana): when geography, climate dynamics and rivers matter. Heredity, 2019, 122, 545-557.	2.6	21
17	Bayesian analyses detect a history of both vicariance and geodispersal in Neotropical freshwater fishes. Journal of Biogeography, 2018, 45, 1313-1325.	3.0	21
18	Biome stability in South America over the last 30 kyr: Inferences from longâ€term vegetation dynamics and habitat modelling. Global Ecology and Biogeography, 2018, 27, 285-297.	5.8	119

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19	Local adaptation in mainland anole lizards: Integrating population history and genomeâ€“environment associations. Ecology and Evolution, 2018, 8, 11932-11944.	1.9	29
20	PaleoClim, high spatial resolution paleoclimate surfaces for global land areas. Scientific Data, 2018, 5, 180254.	5.3	265
21	Biogeographic links between southern Atlantic Forest and western South America: Rediscovery, re-description, and phylogenetic relationships of two rare montane anole lizards from Brazil. Molecular Phylogenetics and Evolution, 2017, 113, 49-58.	2.7	41
22	Divergence of thermal physiological traits in terrestrial breeding frogs along a tropical elevational gradient. Ecology and Evolution, 2017, 7, 3257-3267.	1.9	58
23	Environmental correlates of floristic regions and plant turnover in the Atlantic Forest hotspot. Journal of Biogeography, 2016, 43, 2322-2331.	3.0	42
24	Molecular Identification and Geographic Origin of an Exotic Anole Lizard Introduced to Brazil, with Remarks on Its Natural History. South American Journal of Herpetology, 2016, 11, 220-227.	0.5	8
25	Predictors of intraspecific morphological variability in a tropical hotspot: comparing the influence of random and nonâ€random factors. Journal of Biogeography, 2016, 43, 2160-2172.	3.0	22
26	A midâ€<scp>P</scp>leistocene rainforest corridor enabled synchronous invasions of the <scp>A</scp>tlantic <scp>F</scp>orest by <scp>A</scp>mazonian anole lizards. Molecular Ecology, 2016, 25, 5174-5186.	3.9	70
27	Inferring responses to climate dynamics from historical demography in neotropical forest lizards. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 7978-7985.	7.1	91
28	Predicting the genetic consequences of future climate change: The power of coupling spatial demography, the coalescent, and historical landscape changes. American Journal of Botany, 2016, 103, 153-163.	1.7	43
29	Revisiting the vanishing refuge model of diversification. Frontiers in Genetics, 2014, 5, 353.	2.3	37
30	Bioclimatic variables derived from remote sensing: assessment and application for species distribution modelling. Methods in Ecology and Evolution, 2014, 5, 1033-1042.	5.2	37
31	Natural History Collections as Emerging Resources for Innovative Education. BioScience, 2014, 64, 725-734.	4.9	76
32	The origin and maintenance of montane diversity: integrating evolutionary and ecological processes. Ecography, 2014, 37, 711-719.	4.5	182
33	Environmental correlates of anuran beta diversity in the Brazilian Cerrado. Ecography, 2013, 36, 708-717.	4.5	26
34	Phylogeographic structure is strong in the Atlantic Forest; predictive power of correlative paleodistribution models, not always. Journal of Zoological Systematics and Evolutionary Research, 2013, 51, 114-121.	1.4	34
35	Evaluating forest refugial models using species distribution models, model filling and inclusion: a case study with 14 <scp>B</scp>razilian species. Diversity and Distributions, 2013, 19, 330-340.	4.1	58
36	Latitude, elevational climatic zonation and speciation in New World vertebrates. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 194-201.	2.6	186

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37	Demographic processes in the montane Atlantic rainforest: Molecular and cytogenetic evidence from the endemic frog Proceratophrys boiei. Molecular Phylogenetics and Evolution, 2012, 62, 880-888.	2.7	86
38	Molecular phylogeny and morphometric analyses reveal deep divergence between Amazonia and Atlantic Forest species of Dendrophryniscus. Molecular Phylogenetics and Evolution, 2012, 62, 826-838.	2.7	79
39	Variable responses of skinks to a common history of rainforest fluctuation: concordance between phylogeography and palaeoâ€distribution models. Molecular Ecology, 2009, 18, 483-499.	3.9	74
40	Distribution models for the amphibian chytrid Batrachochytrium dendrobatidis in Costa Rica: proposing climatic refuges as a conservation tool. Diversity and Distributions, 2009, 15, 401-408.	4.1	144
41	Stability Predicts Genetic Diversity in the Brazilian Atlantic Forest Hotspot. Science, 2009, 323, 785-789.	12.6	922
42	Historical climate modelling predicts patterns of current biodiversity in the Brazilian Atlantic forest. Journal of Biogeography, 2008, 35, 1187-1201.	3.0	638
43	Responding to Amphibian Loss. Science, 2006, 314, 1541-1542.	12.6	20
44	A NEW SPECIES OF HYLA FROM NORTHEASTERN BRAZIL (AMPHIBIA, ANURA, HYLIDAE). Herpetologica, 2004, 60, 387-395.	0.4	17
45	A framework for near-real time monitoring of diversity patterns based on indirect remote sensing, with an application in the Brazilian Atlantic rainforest. PeerJ, 0, 10, e13534.	2.0	3