

Jos Alexandre Diniz-Filho

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

328
papers

14,857
citations

59
h-index

112
g-index

347
ext. papers

16,771
ext. citations

3.9
avg, IF

6.77
L-index

#	Paper	IF	Citations
328	A Cautionary Note on Phylogenetic Signal Estimation from Imputed Databases. <i>Evolutionary Biology</i> , 2021 , 48, 246-258	3	2
327	Quantitative genetics of extreme insular dwarfing: The case of red deer on Jersey. <i>Journal of Biogeography</i> , 2021 , 48, 1720-1730	4.1	2
326	Too simple models may predict the island rule for the wrong reasons. <i>Ecology Letters</i> , 2021 , 24, 2521-2526		2
325	Profiles not metrics: the case of Brazilian universities. <i>Anais Da Academia Brasileira De Ciencias</i> , 2021 , 93, e29290261	1.4	2
324	Macroecology and macroevolution of body size in Anolis lizards. <i>Ecography</i> , 2020 , 43, 812-822	6.5	13
323	Phylogenetic niche conservatism and plant diversification in South American subtropical grasslands along multiple climatic dimensions. <i>Genetics and Molecular Biology</i> , 2020 , 43, e20180291	2	3
322	Complete chloroplast genome sequence of <i>Caryocar brasiliense</i> Camb. (Caryocaraceae) and comparative analysis brings new insights into the plastome evolution of Malpighiales. <i>Genetics and Molecular Biology</i> , 2020 , 43, e20190161	2	1
321	Evolutionary Macroecology and the Geographical Patterns of Neotropical Diversification. <i>Fascinating Life Sciences</i> , 2020 , 85-101	1.1	1
320	Unveiling geographical gradients of species richness from scant occurrence data. <i>Global Ecology and Biogeography</i> , 2020 , 29, 748-759	6.1	1
319	Current climate, but also long-term climate changes and human impacts, determine the geographic distribution of European mammal diversity. <i>Global Ecology and Biogeography</i> , 2020 , 29, 1758-1769	6.1	1
318	A Major Change in Rate of Climate Niche Envelope Evolution during Hominid History. <i>iScience</i> , 2020 , 23, 101693	6.1	3
317	Deconstructing species richness–environment relationships in Neotropical lianas. <i>Journal of Biogeography</i> , 2020 , 47, 2168-2180	4.1	2
316	Overcoming the worst of both worlds: integrating climate change and habitat loss into spatial conservation planning of genetic diversity in the Brazilian Cerrado. <i>Biodiversity and Conservation</i> , 2020 , 29, 1555-1570	3.4	3
315	Canopy height explains species richness in the largest clade of Neotropical lianas. <i>Global Ecology and Biogeography</i> , 2020 , 29, 26-37	6.1	8
314	The circular nature of recurrent life cycle events: a test comparing tropical and temperate phenology. <i>Journal of Ecology</i> , 2020 , 108, 393-404	6	10
313	A macroecological approach to evolutionary rescue and adaptation to climate change. <i>Ecography</i> , 2019 , 42, 1124-1141	6.5	19
312	Multiple Components of Phylogenetic Non-stationarity in the Evolution of Brain Size in Fossil Hominins. <i>Evolutionary Biology</i> , 2019 , 46, 47-59	3	8

311	Will life find a way out? Evolutionary rescue and Darwinian adaptation to climate change. <i>Perspectives in Ecology and Conservation</i> , 2019 , 17, 117-121	3.5	7
310	Climate change will decrease the range size of snake species under negligible protection in the Brazilian Atlantic Forest hotspot. <i>Scientific Reports</i> , 2019 , 9, 8523	4.9	15
309	Geographical distribution of <i>Stryphnodendron adstringens</i> Mart. Coville (Fabaceae): modeling effects of climate change on past, present and future. <i>Revista Brasileira De Botanica</i> , 2019 , 42, 53-61	1.2	0
308	Phylogenetic and spatial analyses suggest minimum temperature as an environmental filter for turtle communities. <i>Journal of Biogeography</i> , 2019 , 46, 671-679	4.1	1
307	Biogeographical history constrains climatic niche diversification without adaptive forces driving evolution. <i>Journal of Biogeography</i> , 2019 , 46, 1020-1028	4.1	5
306	Additive effects of climate change and human hunting explain population decline and extinction in cave bears. <i>Boreas</i> , 2019 , 48, 605-615	2.4	7
305	Climate change will decrease the range of a keystone fish species in La Plata River Basin, South America. <i>Hydrobiologia</i> , 2019 , 836, 1-19	2.4	10
304	Quantitative genetics of body size evolution on islands: an individual-based simulation approach. <i>Biology Letters</i> , 2019 , 15, 20190481	3.6	7
303	The complete chloroplast genome of <i>Stryphnodendron adstringens</i> (Leguminosae - Caesalpinioideae): comparative analysis with related Mimosoid species. <i>Scientific Reports</i> , 2019 , 9, 14206	4.9	17
302	Meta-analyzing the likely cross-species responses to climate change. <i>Ecology and Evolution</i> , 2019 , 9, 11136	11.14	14
301	Hierarchical genetic and spatial structure among varieties and populations of <i>Hymenaea stigonocarpa</i> (Fabaceae) in Brazilian savannah. <i>Tree Genetics and Genomes</i> , 2019 , 15, 1	2.1	1
300	Geographical ecology and conservation of <i>Eugenia</i> L. (Myrtaceae) in the Brazilian Cerrado: Past, present and future. <i>Austral Ecology</i> , 2019 , 44, 95-104	1.5	5
299	Climatic niche evolution in turtles is characterized by phylogenetic conservatism for both aquatic and terrestrial species. <i>Journal of Evolutionary Biology</i> , 2019 , 32, 66-75	2.3	6
298	Drivers of Phylogenetic Assemblage Structure of the Furnariides, a Widespread Clade of Lowland Neotropical Birds. <i>American Naturalist</i> , 2019 , 193, E41-E56	3.7	8
297	Do traditional scientometric indicators predict social media activity on scientific knowledge? An analysis of the ecological literature. <i>Scientometrics</i> , 2018 , 115, 1007-1015	3	10
296	The well-behaved killer: Late Pleistocene humans in Eurasia were significantly associated with living megafauna only. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018 , 500, 24-32	2.9	3
295	Fragmentation of Neanderthals' pre-extinction distribution by climate change. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018 , 496, 146-154	2.9	19
294	Climatic and evolutionary factors shaping geographical gradients of species richness in <i>Anolis</i> lizards. <i>Biological Journal of the Linnean Society</i> , 2018 , 123, 615-627	1.9	9

293	Geographic variation in the relationship between large-scale environmental determinants and bat species richness. <i>Basic and Applied Ecology</i> , 2018 , 27, 1-8	3.2	10
292	Temperature is the main correlate of the global biogeography of turtle body size. <i>Global Ecology and Biogeography</i> , 2018 , 27, 429-438	6.1	7
291	Science and democracy must orientate Brazil's path to sustainability. <i>Perspectives in Ecology and Conservation</i> , 2018 , 16, 121-124	3.5	17
290	Modeling the ecology and evolution of biodiversity: Biogeographical cradles, museums, and graves. <i>Science</i> , 2018 , 361,	33.3	157
289	Geographical patterns in climate and agricultural technology drive soybean productivity in Brazil. <i>PLoS ONE</i> , 2018 , 13, e0191273	3.7	12
288	O Hobbit da Ilha de Flores: implicações para a evolução humana. <i>Ciência E Cultura</i> , 2018 , 70, 56-59	0.3	1
287	Analyzing community-weighted trait means across environmental gradients: should phylogeny stay or should it go?. <i>Ecology</i> , 2018 , 99, 385-398	4.6	20
286	Reducing Wallacean shortfalls for the coralsnakes of the <i>Micrurus lemniscatus</i> species complex: Present and future distributions under a changing climate. <i>PLoS ONE</i> , 2018 , 13, e0205164	3.7	6
285	Genetic structure and chemical diversity in natural populations of <i>Uncaria guianensis</i> (Aubl.) J.F.Gmel. (Rubiaceae). <i>PLoS ONE</i> , 2018 , 13, e0205667	3.7	2
284	Ecological drivers of plant genetic diversity at the southern edge of geographical distributions: Forestal vines in a temperate region. <i>Genetics and Molecular Biology</i> , 2018 , 41, 318-326	2	3
283	Bigger kill than chill: The uneven roles of humans and climate on late Quaternary megafaunal extinctions. <i>Quaternary International</i> , 2017 , 431, 216-222	2	23
282	Global patterns of mammalian co-occurrence: phylogenetic and body size structure within species ranges. <i>Journal of Biogeography</i> , 2017 , 44, 136-146	4.1	20
281	Is there a correlation between abundance and environmental suitability derived from ecological niche modelling? A meta-analysis. <i>Ecography</i> , 2017 , 40, 817-828	6.5	96
280	Geographical patterns of phylogenetic beta-diversity components in terrestrial mammals. <i>Global Ecology and Biogeography</i> , 2017 , 26, 573-583	6.1	25
279	Decoupling phylogenetic and functional diversity to reveal hidden signals in community assembly. <i>Methods in Ecology and Evolution</i> , 2017 , 8, 1200-1211	7.7	51
278	Phylogeny and the prediction of tree functional diversity across novel continental settings. <i>Global Ecology and Biogeography</i> , 2017 , 26, 553-562	6.1	15
277	Dispersal is more important than climate in structuring turtle communities across different biogeographical realms. <i>Journal of Biogeography</i> , 2017 , 44, 2109-2120	4.1	9
276	The impact of deforestation, urbanization, public investments, and agriculture on human welfare in the Brazilian Amazonia. <i>Land Use Policy</i> , 2017 , 65, 135-142	5.6	41

275	Island Rule, quantitative genetics and brain-body size evolution in. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	19
274	Fossil record improves biodiversity risk assessment under future climate change scenarios. <i>Diversity and Distributions</i> , 2017 , 23, 922-933	5	16
273	Stacked species distribution and macroecological models provide incongruent predictions of species richness for Drosophilidae in the Brazilian savanna. <i>Insect Conservation and Diversity</i> , 2017 , 10, 415-424	3.8	9
272	Passerine phenology in the largest tropical dry forest of South America: effects of climate and resource availability. <i>Emu</i> , 2017 , 117, 78-91	1.1	19
271	The geographical diversification of Furnariides: the role of forest versus open habitats in driving species richness gradients. <i>Journal of Biogeography</i> , 2017 , 44, 1683-1693	4.1	12
270	Genetic and chemical diversity of <i>Uncaria tomentosa</i> (Willd. ex. Schult.) DC. in the Brazilian Amazon. <i>PLoS ONE</i> , 2017 , 12, e0177103	3.7	7
269	The roles of geographic distance and socioeconomic factors on international collaboration among ecologists. <i>Scientometrics</i> , 2017 , 113, 1539-1550	3	25
268	Heterochromatic and cytomolecular diversification in the Caesalpinia group (Leguminosae): Relationships between phylogenetic and cytogeographical data. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2017 , 29, 51-63	3	17
267	Geographical diversification and the effect of model and data inadequacies: the bat diversity gradient as a case study. <i>Biological Journal of the Linnean Society</i> , 2017 , 121, 894-906	1.9	7
266	Time and environment explain the current richness distribution of non-marine turtles worldwide. <i>Ecography</i> , 2017 , 40, 1402-1411	6.5	19
265	Integrating selection, niche, and diversification into a hierarchical conceptual framework. <i>Organisms Diversity and Evolution</i> , 2017 , 17, 1-10	1.7	7
264	A comparison of hull methods for estimating species ranges and richness maps. <i>Plant Ecology and Diversity</i> , 2017 , 10, 389-401	2.2	19
263	Two sides of a coin: Effects of climate change on the native and non-native distribution of <i>Colossoma macropomum</i> in South America. <i>PLoS ONE</i> , 2017 , 12, e0179684	3.7	14
262	Drivers of academic performance in a Brazilian university under a government-restructuring program. <i>Journal of Informetrics</i> , 2016 , 10, 151-161	3.1	11
261	Phylogenetic fields through time: temporal dynamics of geographical co-occurrence and phylogenetic structure within species ranges. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016 , 371, 20150220	5.8	10
260	Tendências da literatura científica sobre genética de populações de plantas do Cerrado. <i>Hoehnea (revista)</i> , 2016 , 43, 461-477	1	4
259	Exhaustive search for conservation networks of populations representing genetic diversity. <i>Genetics and Molecular Research</i> , 2016 , 15,	1.2	3
258	Diversity gradients of Neotropical freshwater fish: evidence of multiple underlying factors in human-modified systems. <i>Journal of Biogeography</i> , 2016 , 43, 1679-1689	4.1	21

257	Invasion risk of the pond slider turtle is underestimated when niche expansion occurs. <i>Freshwater Biology</i> , 2016 , 61, 1119-1127	3.1	15
256	Geographically weighted regression as a generalized Wombling to detect barriers to gene flow. <i>Genetica</i> , 2016 , 144, 425-33	1.5	3
255	Spatial autocorrelation analysis and ecological niche modelling allows inference of range dynamics driving the population genetic structure of a Neotropical savanna tree. <i>Journal of Biogeography</i> , 2016 , 43, 167-177	4.1	21
254	Ecological opportunities, habitat, and past climatic fluctuations influenced the diversification of modern turtles. <i>Molecular Phylogenetics and Evolution</i> , 2016 , 101, 352-358	4.1	19
253	Could refuge theory and rivers acting as barriers explain the genetic variability distribution in the Atlantic Forest?. <i>Molecular Phylogenetics and Evolution</i> , 2016 , 101, 242-251	4.1	23
252	Exploring intraspecific climatic niche conservatism to better understand species invasion: the case of <i>Trachemys dorbigni</i> (Testudines, Emydidae). <i>Hydrobiologia</i> , 2016 , 779, 127-134	2.4	8
251	Environmental drivers of diversity in Subtropical Highland Grasslands. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2015 , 17, 360-368	3	23
250	Clade-specific responses regulate phenological patterns in Neotropical Myrtaceae. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2015 , 17, 476-490	3	13
249	Space and time: The two dimensions of <i>Artiodactyla</i> body mass evolution. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015 , 437, 18-25	2.9	16
248	Multi-model inference in comparative phylogeography: an integrative approach based on multiple lines of evidence. <i>Frontiers in Genetics</i> , 2015 , 6, 31	4.5	20
247	Phylogenetic uncertainty revisited: Implications for ecological analyses. <i>Evolution; International Journal of Organic Evolution</i> , 2015 , 69, 1301-12	3.8	62
246	Range-wide genetic differentiation of <i>Eugenia dysenterica</i> (Myrtaceae) populations in Brazilian Cerrado. <i>Biochemical Systematics and Ecology</i> , 2015 , 59, 288-296	1.4	11
245	On the need for phylogenetic corrections in functional trait-based approaches. <i>Folia Geobotanica</i> , 2015 , 50, 349-357	1.4	65
244	Patterns of genetic variability in central and peripheral populations of <i>Dipteryx alata</i> (Fabaceae) in the Brazilian Cerrado. <i>Plant Systematics and Evolution</i> , 2015 , 301, 1315-1324	1.3	15
243	Differential effects of temperature change and human impact on European Late Quaternary mammalian extinctions. <i>Global Change Biology</i> , 2015 , 21, 1475-81	11.4	14
242	Phylogenetic eigenvectors and nonstationarity in the evolution of theropod dinosaur skulls. <i>Journal of Evolutionary Biology</i> , 2015 , 28, 1410-6	2.3	9
241	The best of both worlds: Phylogenetic eigenvector regression and mapping. <i>Genetics and Molecular Biology</i> , 2015 , 38, 396-400	2	10
240	Phylogenetic analysis in <i>Myrcia</i> section <i>Aulomyrcia</i> and inferences on plant diversity in the Atlantic rainforest. <i>Annals of Botany</i> , 2015 , 115, 747-61	4.1	35

239	A Multi-objective Optimization Approach Associated to Climate Change Analysis to Improve Systematic Conservation Planning. <i>Lecture Notes in Computer Science</i> , 2015 , 458-472	0.9	0
238	Conservation biogeography of the Cerrado's wild edible plants under climate change: Linking biotic stability with agricultural expansion. <i>American Journal of Botany</i> , 2015 , 102, 870-7	2.7	22
237	Seven Shortfalls that Beset Large-Scale Knowledge of Biodiversity. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2015 , 46, 523-549	13.5	451
236	Multi-objective optimization for plant germplasm collection conservation of genetic resources based on molecular variability. <i>Tree Genetics and Genomes</i> , 2015 , 11, 1	2.1	8
235	Correlation between genetic diversity and environmental suitability: taking uncertainty from ecological niche models into account. <i>Molecular Ecology Resources</i> , 2015 , 15, 1059-66	8.4	22
234	Constraint envelope analyses of macroecological patterns reveal climatic effects on Pleistocene mammal extinctions. <i>Quaternary Research</i> , 2014 , 82, 260-269	1.9	6
233	Global patterns of phylogenetic beta diversity components in bats. <i>Journal of Biogeography</i> , 2014 , 41, 762-772	4.1	21
232	Multifaceted diversity-area relationships reveal global hotspots of mammalian species, trait and lineage diversity. <i>Global Ecology and Biogeography</i> , 2014 , 23, 836-847	6.1	80
231	Evaluating, partitioning, and mapping the spatial autocorrelation component in ecological niche modeling: a new approach based on environmentally equidistant records. <i>Ecography</i> , 2014 , 37, 637-647	6.5	51
230	Elucidating the global elapid (Squamata) richness pattern under metabolic theory of ecology. <i>Acta Oecologica</i> , 2014 , 56, 41-46	1.7	2
229	Globalizing Conservation Efforts to Save Species and Enhance Food Production. <i>BioScience</i> , 2014 , 64, 539-545	5.7	27
228	Climatic niche at physiological and macroecological scales: the thermal tolerance-geographical range interface and niche dimensionality. <i>Global Ecology and Biogeography</i> , 2014 , 23, 446-456	6.1	48
227	Pattern-oriented modelling of population genetic structure. <i>Biological Journal of the Linnean Society</i> , 2014 , 113, 1152-1161	1.9	5
226	Disentangling landscape effects on population genetic structure of a Neotropical savanna tree. <i>Natureza A Conservacao</i> , 2014 , 12, 65-70		9
225	The potential for large-scale wildlife corridors between protected areas in Brazil using the jaguar as a model species. <i>Landscape Ecology</i> , 2014 , 29, 1213-1223	4.3	25
224	Intraspecific classification reflects genetic differentiation in the widespread <i>Petunia axillaris</i> complex: A comparison among morphological, ecological, and genetic patterns of geographic variation. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2014 , 16, 75-82	3	19
223	Phenotypic correlates of potential range size and range filling in European trees. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2014 , 16, 219-227	3	28
222	Obstinate Overkill in Tasmania? The closest gaps do not probabilistically support human involvement in megafaunal extinctions. <i>Earth-Science Reviews</i> , 2014 , 135, 59-64	10.2	10

221	Disentangling the phylogenetic and ecological components of spider phenotypic variation. <i>PLoS ONE</i> , 2014 , 9, e89314	3.7	13
220	Geographical genetics of <i>Pseudoplatystoma punctifer</i> (Castelnau, 1855) (Siluriformes, Pimelodidae) in the Amazon Basin. <i>Genetics and Molecular Research</i> , 2014 , 13, 3656-66	1.2	13
219	Multi-objective optimization applied to systematic conservation planning and spatial conservation priorities under climate change 2014 ,		1
218	Phylogenetic eigenvector regression in paleobiology. <i>Revista Brasileira De Paleontologia</i> , 2014 , 17, 105-122	1.7	6
217	Community phylogenetics at the biogeographical scale: cold tolerance, niche conservatism and the structure of North American forests. <i>Journal of Biogeography</i> , 2014 , 41, 23-38	4.1	104
216	Exploring patterns in macroecological traits using sequential phylogenetic eigenvector regression. <i>Ecosistemas</i> , 2014 , 23, 21-26	1.7	6
215	Darwinian shortfalls in biodiversity conservation. <i>Trends in Ecology and Evolution</i> , 2013 , 28, 689-95	10.9	128
214	Climate and humans set the place and time of Proboscidean extinction in late Quaternary of South America. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013 , 392, 546-556	2.9	19
213	A new eigenfunction spatial analysis describing population genetic structure. <i>Genetica</i> , 2013 , 141, 479-89.5	2.5	5
212	Insistence on narrative reviews or preference for overkill hypothesis? Re-analyses show no evidence against Lima-Ribeiro and Diniz-Filho's conclusions. <i>Quaternary International</i> , 2013 , 308-309, 278-281	2	3
211	Citations: Ethical ways to grow impact. <i>Nature</i> , 2013 , 501, 492	50.4	1
210	A straightforward conceptual approach for evaluating spatial conservation priorities under climate change. <i>Biodiversity and Conservation</i> , 2013 , 22, 483-495	3.4	53
209	Geographical patterns of Triatominae (Heteroptera: Reduviidae) richness and distribution in the Western Hemisphere. <i>Insect Conservation and Diversity</i> , 2013 , 6, 704-714	3.8	13
208	Drawbacks to palaeodistribution modelling: the case of South American seasonally dry forests. <i>Journal of Biogeography</i> , 2013 , 40, 345-358	4.1	92
207	Environmental steepness, tolerance gradient, and ecogeographical rules in glassfrogs (Anura: Centrolenidae). <i>Biological Journal of the Linnean Society</i> , 2013 , 108, 773-783	1.9	10
206	Phylogenetic fields of species: cross-species patterns of phylogenetic structure and geographical coexistence. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013 , 280, 20122570	4.4	45
205	American megafaunal extinctions and human arrival: Improved evaluation using a meta-analytical approach. <i>Quaternary International</i> , 2013 , 299, 38-52	2	49
204	Nonstationary effects of productivity, seasonality, and historical climate changes on global amphibian diversity. <i>Ecography</i> , 2013 , 36, 104-113	6.5	48

203	Stability of Brazilian Seasonally Dry Forests under Climate Change: Inferences for Long-Term Conservation. <i>American Journal of Plant Sciences</i> , 2013 , 04, 792-805	0.5	36
202	Global agricultural expansion and carnivore conservation biogeography. <i>Biological Conservation</i> , 2013 , 165, 162-170	6.2	35
201	Mantel test in population genetics. <i>Genetics and Molecular Biology</i> , 2013 , 36, 475-85	2	243
200	Effects of global climate changes on geographical distribution patterns of economically important plant species in cerrado. <i>Revista Arvore</i> , 2013 , 37, 267-274	1	16
199	Evolutionary macroecology. <i>Frontiers of Biogeography</i> , 2013 , 5,	2.9	7
198	Integrating biogeographical processes and local community assembly. <i>Journal of Biogeography</i> , 2012 , 39, 627-628	4.1	22
197	Exploring patterns of interspecific variation in quantitative traits using sequential phylogenetic eigenvector regressions. <i>Evolution; International Journal of Organic Evolution</i> , 2012 , 66, 1079-90	3.8	52
196	On the selection of phylogenetic eigenvectors for ecological analyses. <i>Ecography</i> , 2012 , 35, 239-249	6.5	87
195	Integrating phylogeny, environment and space to explore variation in macroecological traits of Viperidae and Elapidae (Squamata: Serpentes). <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2012 , 50, 202-209	1.9	3
194	Thirty-five years of spatial autocorrelation analysis in population genetics: an essay in honour of Robert Sokal (1926-2012). <i>Biological Journal of the Linnean Society</i> , 2012 , 107, 721-736	1.9	12
193	A coupled phylogeographical and species distribution modelling approach recovers the demographical history of a Neotropical seasonally dry forest tree species. <i>Molecular Ecology</i> , 2012 , 21, 5845-63	5.7	82
192	Using phylogenetic trees to test for character displacement: a model and an example from a desert mammal community. <i>Ecology</i> , 2012 , 93, S44-S51	4.6	18
191	Conserving the Brazilian semiarid (Caatinga) biome under climate change. <i>Biodiversity and Conservation</i> , 2012 , 21, 2913-2926	3.4	52
190	Geographical patterns of turnover and nestedness-resultant components of allelic diversity among populations. <i>Genetica</i> , 2012 , 140, 189-95	1.5	11
189	Can species distribution modelling provide estimates of population densities? A case study with jaguars in the Neotropics. <i>Diversity and Distributions</i> , 2012 , 18, 615-627	5	91
188	Extreme deconstruction supports niche conservatism driving New World bird diversity. <i>Acta Oecologica</i> , 2012 , 43, 16-21	1.7	4
187	Obsession with quantity: a view from the south. <i>Trends in Ecology and Evolution</i> , 2012 , 27, 585; author reply 587-8	10.9	18
186	Phylogenetic analyses: comparing species to infer adaptations and physiological mechanisms. <i>Comprehensive Physiology</i> , 2012 , 2, 639-74	7.7	81

185	Equilibrium of global amphibian species distributions with climate. <i>PLoS ONE</i> , 2012 , 7, e34420	3.7	43
184	A comparison of metrics for estimating phylogenetic signal under alternative evolutionary models. <i>Genetics and Molecular Biology</i> , 2012 , 35, 673-9	2	31
183	Geographical patterns and partition of turnover and richness components of beta-diversity in faunas from Tocantins river valley. <i>Brazilian Journal of Biology</i> , 2012 , 72, 497-504	1.5	10
182	Planning for optimal conservation of geographical genetic variability within species. <i>Conservation Genetics</i> , 2012 , 13, 1085-1093	2.6	40
181	Climatic history and dispersal ability explain the relative importance of turnover and nestedness components of beta diversity. <i>Global Ecology and Biogeography</i> , 2012 , 21, 191-197	6.1	141
180	Spatial autocorrelation analysis allows disentangling the balance between neutral and niche processes in metacommunities. <i>Oikos</i> , 2012 , 121, 201-210	4	74
179	Human arrival scenarios have a strong influence on interpretations of the late Quaternary extinctions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, E2409-10; author reply E2411	11.5	6
178	Modelando a distribuio geogrfica das espcies no passado: uma abordagem promissora em Paleoecologia. <i>Revista Brasileira De Paleontologia</i> , 2012 , 15, 371-385	1.7	10
177	Geographic shifts in climatically suitable areas and loss of genetic variability in <i>Dipteryx alata</i> ("Baru" Tree; Fabaceae). <i>Genetics and Molecular Research</i> , 2012 , 11, 1618-26	1.2	3
176	Two years later: Natureza & Conservao and its impact. <i>Natureza A Conservao</i> , 2012 , 10, 1-2		4
175	Potential suitable areas of giant ground sloths dropped before its extinction in South America: the evidences from bioclimatic envelope modeling. <i>Natureza A Conservao</i> , 2012 , 10, 145-151		14
174	Areas of climate stability of species ranges in the Brazilian Cerrado: disentangling uncertainties through time. <i>Natureza A Conservao</i> , 2012 , 10, 152-159		74
173	Agricultural expansion and the fate of global conservation priorities. <i>Biodiversity and Conservation</i> , 2011 , 20, 2445-2459	3.4	57
172	Relationship between the genetic structure of the Andean toad <i>Rhinella spinulosa</i> (Anura: Bufonidae) and the northern Chile landscape (21°- 24° S). <i>Revista Chilena De Historia Natural</i> , 2011 , 84, 391-406	1.8	2
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16	AN EIGENVECTOR METHOD FOR ESTIMATING PHYLOGENETIC INERTIA. <i>Evolution; International Journal of Organic Evolution</i> , 1998 , 52, 1247-1262	3.8	225
15	Hierarchical structure of genetic distances: Effects of matrix size, spatial distribution and correlation structure among gene frequencies. <i>Genetics and Molecular Biology</i> , 1998 , 21, 233-240	2	12
14	Clinal morphometric variation in Africanized honey bees under racial admixture hypothesis. <i>Journal of Apicultural Research</i> , 1996 , 35, 104-109	2	1
13	Phylogenetic autocorrelation and evolutionary constraints in worker body size of some neotropical stingless bees (Hymenoptera: Apidae). <i>Heredity</i> , 1996 , 76, 222-228	3.6	14
12	Assessing the relationship between multivariate community structure and environmental variables. <i>Marine Ecology - Progress Series</i> , 1996 , 143, 303-306	2.6	11
11	Evolution and Population Structure of Africanized Honey Bees in Brazil: Evidence from Spatial Analysis of Morphometric Data. <i>Evolution; International Journal of Organic Evolution</i> , 1995 , 49, 1172	3.8	10
10	Canonical trend surface analysis of morphometric variation in Africanized honey bees from Brazil. <i>Journal of Apicultural Research</i> , 1995 , 34, 65-72	2	4
9	EVOLUTION AND POPULATION STRUCTURE OF AFRICANIZED HONEY BEES IN BRAZIL: EVIDENCE FROM SPATIAL ANALYSIS OF MORPHOMETRIC DATA. <i>Evolution; International Journal of Organic Evolution</i> , 1995 , 49, 1172-1179	3.8	12
8	Multivariate morphometrics and allometry in a polymorphic ant. <i>Insectes Sociaux</i> , 1994 , 41, 153-163	1.5	23
7	Space-Free Correlation between Morphometric and Climatic Data: A Multivariate Analysis of Africanized Honey Bees (<i>Apis mellifera</i> L.) in Brazil. <i>Global Ecology and Biogeography Letters</i> , 1994 , 4, 195		6
6	Geographic variation in <i>Apis cerana indica</i> F.: a spatial autocorrelation analysis of morphometric patterns. <i>Journal of Apicultural Research</i> , 1993 , 32, 65-72	2	12

5	Global expansion of COVID-19 pandemic is driven by population size and airport connections. <i>PeerJ</i> , 8, e9708	3.1	28
4	Social distancing and movement constraint as the most likely factors for COVID-19 outbreak control in Brazil		1
3	Phylogeographical autocorrelation of phenotypic evolution in honey bees (<i>Apis mellifera</i> L.)		4
2	Challenging the Raunkiaeran shortfall and the consequences of using imputed databases		1
1	Exponential phase of covid19 expansion is driven by airport connections		16