JosÃ© Alexandre Diniz-Filho

List of Publications by Year
in descending order

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334 papers	18,930 citations	17440 63 h-index	17105 122 g-index
347 all docs	347 docs citations	347 times ranked	17667 citing authors

#	Article	IF	Citations
1	SAM: a comprehensive application for Spatial Analysis in Macroecology. Ecography, 2010, 33, 46-50.	4.5	1,025
2	Spatial autocorrelation and red herrings in geographical ecology. Global Ecology and Biogeography, 2003, 12, 53-64.	5.8	874
3	Seven Shortfalls that Beset Large-Scale Knowledge of Biodiversity. Annual Review of Ecology, Evolution, and Systematics, 2015, 46, 523-549.	8.3	856
4	Spatial speciesâ€richness gradients across scales: a metaâ€analysis. Journal of Biogeography, 2009, 36, 132-147.	3.0	573
5	Towards an integrated computational tool for spatial analysis in macroecology and biogeography. Global Ecology and Biogeography, 2006, 15, 321-327.	5.8	540
6	Partitioning and mapping uncertainties in ensembles of forecasts of species turnover under climate change. Ecography, 2009, 32, 897-906.	4.5	494
7	Camera trap, line transect census and track surveys: a comparative evaluation. Biological Conservation, 2003, 114, 351-355.	4.1	447
8	PRODUCTIVITY AND HISTORY AS PREDICTORS OF THE LATITUDINAL DIVERSITY GRADIENT OF TERRESTRIAL BIRDS. Ecology, 2003, 84, 1608-1623.	3.2	401
9	Mantel test in population genetics. Genetics and Molecular Biology, 2013, 36, 475-485.	1.3	346
10	Quaternary climate changes explain diversity among reptiles and amphibians. Ecography, 2008, 31, 8-15.	4.5	345
11	Understanding global patterns of mammalian functional and phylogenetic diversity. Philosophical Transactions of the Royal Society B: Biological Sciences, 2011, 366, 2536-2544.	4.0	314
12	Modelling geographical patterns in species richness using eigenvector-based spatial filters. Global Ecology and Biogeography, 2005, 14, 177-185.	5.8	288
13	AN EIGENVECTOR METHOD FOR ESTIMATING PHYLOGENETIC INERTIA. Evolution; International Journal of Organic Evolution, 1998, 52, 1247-1262.	2.3	284
14	Modeling the ecology and evolution of biodiversity: Biogeographical cradles, museums, and graves. Science, 2018, 361, .	12.6	260
15	Challenging Wallacean and Linnean shortfalls: knowledge gradients and conservation planning in a biodiversity hotspot. Diversity and Distributions, 2006, 12, 475-482.	4.1	245
16	Coefficient shifts in geographical ecology: an empirical evaluation of spatial and nonâ€spatial regression. Ecography, 2009, 32, 193-204.	4.5	231
17	Climate, Niche Conservatism, and the Global Bird Diversity Gradient. American Naturalist, 2007, 170, S16-S27.	2.1	226
18	Post-Eocene climate change, niche conservatism, and the latitudinal diversity gradient of New World birds. Journal of Biogeography, 2006, 33, 770-780.	3.0	205

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19	An Eigenvector Method for Estimating Phylogenetic Inertia. Evolution; International Journal of Organic Evolution, 1998, 52, 1247.	2.3	199
20	â€˜Latitudeâ€™ and geographic patterns in species richness. Ecography, 2004, 27, 268-272.	4.5	191
21	Red herrings revisited: spatial autocorrelation and parameter estimation in geographical ecology. Ecography, 2007, 30, 375-384.	4.5	186
22	Darwinian shortfalls in biodiversity conservation. Trends in Ecology and Evolution, 2013, 28, 689-695.	8.7	185
23	Model selection and information theory in geographical ecology. Global Ecology and Biogeography, 2008, 17, 479-488.	5.8	183
24	Ice age climate, evolutionary constraints and diversity patterns of European dung beetles. Ecology Letters, 2011, 14, 741-748.	6.4	183
25	Environmental drivers of betaâ€diversity patterns in Newâ€World birds and mammals. Ecography, 2009, 32, 226-236.	4.5	177
26	Climatic history and dispersal ability explain the relative importance of turnover and nestedness components of beta diversity. Global Ecology and Biogeography, 2012, 21, 191-197.	5.8	175
27	Is there a correlation between abundance and environmental suitability derived from ecological niche modelling? A metaâ€analysis. Ecography, 2017, 40, 817-828.	4.5	165
28	Spatial Autocorrelation Analysis and the Identification of Operational Units for Conservation in Continuous Populations. Conservation Biology, 2002, 16, 924-935.	4.7	161
29	Water links the historical and contemporary components of the Australian bird diversity gradient. Journal of Biogeography, 2005, 32, 1035-1042.	3.0	148
30	Species Richness and Evolutionary Niche Dynamics: A Spatial Patternâ€“Oriented Simulation Experiment. American Naturalist, 2007, 170, 602-616.	2.1	147
31	Niche separation between the maned wolf (Chrysocyon brachyurus), the crab-eating fox (Dusicyon) Tj ETQq1 1 0.784314 rgBT /Overl	1.7	146
32	Spatial analysis improves species distribution modelling during range expansion. Biology Letters, 2008, 4, 577-580.	2.3	141
33	Geographical patterns of micro-organismal community structure: are diatoms ubiquitously distributed across boreal streams?. Oikos, 2010, 119, 129-137.	2.7	141
34	A GLOBAL EVALUATION OF METABOLIC THEORY AS AN EXPLANATION FOR TERRESTRIAL SPECIES RICHNESS GRADIENTS. Ecology, 2007, 88, 1877-1888.	3.2	139
35	Defying the curse of ignorance: perspectives in insect macroecology and conservation biogeography. Insect Conservation and Diversity, 2010, 3, 172-179.	3.0	129
36	Community phylogenetics at the biogeographical scale: cold tolerance, niche conservatism and the structure of <scp>N</scp>orth <scp>A</scp>merican forests. Journal of Biogeography, 2014, 41, 23-38.	3.0	126

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37	Drawbacks to palaeodistribution modelling: the case of South American seasonally dry forests. Journal of Biogeography, 2013, 40, 345-358.	3.0	116
38	Can species distribution modelling provide estimates of population densities? A case study with jaguars in the Neotropics. Diversity and Distributions, 2012, 18, 615-627.	4.1	110
39	Multifaceted diversityâ€"area relationships reveal global hotspots of mammalian species, trait and lineage diversity. Global Ecology and Biogeography, 2014, 23, 836-847.	5.8	110
40	Phylogenetic comparative methods and the geographic range size â€" body size relationship in new world terrestrial carnivora. Evolutionary Ecology, 2002, 16, 351-367.	1.2	107
41	On the selection of phylogenetic eigenvectors for ecological analyses. Ecography, 2012, 35, 239-249.	4.5	107
42	Beyond Rapoport's rule: evaluating range size patterns of New World birds in a two-dimensional framework. Global Ecology and Biogeography, 2006, 15, 461-469.	5.8	98
43	Phylogenetic uncertainty revisited: Implications for ecological analyses. Evolution; International Journal of Organic Evolution, 2015, 69, 1301-1312.	2.3	98
44	Phylogenetic Analyses: Comparing Species to Infer Adaptations and Physiological Mechanisms. , 2012, 2, 639-674.		96
45	A coupled phylogeographical and species distribution modelling approach recovers the demographical history of a <scp>N</scp>eotropical seasonally dry forest tree species. Molecular Ecology, 2012, 21, 5845-5863.	3.9	94
46	Areas of climate stability of species ranges in the Brazilian Cerrado: disentangling uncertainties through time. Natureza A Conservacao, 2012, 10, 152-159.	2.5	93
47	The mid-domain effect cannot explain the diversity gradient of Nearctic birds. Global Ecology and Biogeography, 2002, 11, 419-426.	5.8	91
48	Spatial autocorrelation analysis allows disentangling the balance between neutral and niche processes in metacommunities. Oikos, 2012, 121, 201-210.	2.7	89
49	The shared influence of phylogeny and ecology on the reproductive patterns of Myrteae (Myrtaceae). Journal of Ecology, 2010, 98, 1409-1421.	4.0	84
50	On the need for phylogenetic â€˜correctionsâ€™ in functional trait-based approaches. Folia Geobotanica, 2015, 50, 349-357.	0.9	84
51	The Midâ€Domain Effect and Diversity Gradients: Is There Anything to Learn?. American Naturalist, 2005, 166, E140-E143.	2.1	81
52	Decoupling phylogenetic and functional diversity to reveal hidden signals in community assembly. Methods in Ecology and Evolution, 2017, 8, 1200-1211.	5.2	81
53	GEOMETRIC ESTIMATES OF HERITABILITY IN BIOLOGICAL SHAPE. Evolution; International Journal of Organic Evolution, 2002, 56, 563-572.	2.3	80
54	Macroecological correlates and spatial patterns of anuran description dates in the Brazilian Cerrado. Global Ecology and Biogeography, 2005, 14, 469-477.	5.8	79

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55	Impact of wildfires on the megafauna of Emas National Park, central Brazil. Oryx, 1999, 33, 108-114.	1.0	78
56	Climatic niche conservatism and the evolutionary dynamics in species range boundaries: global congruence across mammals and amphibians. Journal of Biogeography, 2011, 38, 2237-2247.	3.0	75
57	Geographic body size gradients in tropical regions: water deficit and anuran body size in the Brazilian Cerrado. Ecography, 2009, 32, 581-590.	4.5	74
58	Lomborg and the Litany of Biodiversity Crisis: What the Peerâ€Reviewed Literature Says. Conservation Biology, 2005, 19, 1301-1305.	4.7	72
59	Seeing the forest for the trees: partitioning ecological and phylogenetic components of Bergmann's rule in European Carnivora. Ecography, 2007, 30, 598-608.	4.5	72
60	Agricultural expansion and the fate of global conservation priorities. Biodiversity and Conservation, 2011, 20, 2445-2459.	2.6	72
61	Invasive and flexible: niche shift in the drosophilid Zaprionus indianus (Insecta, Diptera). Biological Invasions, 2010, 12, 1231-1241.	2.4	71
62	Conserving the Brazilian semiarid (Caatinga) biome under climate change. Biodiversity and Conservation, 2012, 21, 2913-2926.	2.6	70
63	EXPLORING PATTERNS OF INTERSPECIFIC VARIATION IN QUANTITATIVE TRAITS USING SEQUENTIAL PHYLOGENETIC EIGENVECTOR REGRESSIONS. Evolution; International Journal of Organic Evolution, 2012, 66, 1079-1090.	2.3	70
64	PHYLOGENETIC AUTOCORRELATION UNDER DISTINCT EVOLUTIONARY PROCESSES. Evolution; International Journal of Organic Evolution, 2001, 55, 1104-1109.	2.3	69
65	Climate history, human impacts and global body size of Carnivora (Mammalia: Eutheria) at multiple evolutionary scales. Journal of Biogeography, 2009, 36, 2222-2236.	3.0	69
66	Climatic niche at physiological and macroecological scales: the thermal toleranceâ€“geographical range interface and niche dimensionality. Global Ecology and Biogeography, 2014, 23, 446-456.	5.8	65
67	Evaluating, partitioning, and mapping the spatial autocorrelation component in ecological niche modeling: a new approach based on environmentally equidistant records. Ecography, 2014, 37, 637-647.	4.5	64
68	Mapping the evolutionary twilight zone: molecular markers, populations and geography. Journal of Biogeography, 2008, 35, 753-763.	3.0	61
69	A review of techniques for spatial modeling in geographical, conservation and landscape genetics. Genetics and Molecular Biology, 2009, 32, 203-211.	1.3	60
70	A straightforward conceptual approach for evaluating spatial conservation priorities under climate change. Biodiversity and Conservation, 2013, 22, 483-495.	2.6	60
71	American megafaunal extinctions and human arrival: Improved evaluation using a meta-analytical approach. Quaternary International, 2013, 299, 38-52.	1.5	60
72	Anuran species richness, complementarity and conservation conflicts in Brazilian Cerrado. Acta Oecologica, 2006, 29, 9-15.	1.1	59

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73	Nonstationary effects of productivity, seasonality, and historical climate changes on global amphibian diversity. Ecography, 2013, 36, 104-113.	4.5	59
74	An evolutionary tolerance model explaining spatial patterns in species richness under environmental gradients and geometric constraints. Ecography, 2005, 28, 253-263.	4.5	58
75	Hidden patterns of phylogenetic nonâ€stationarity overwhelm comparative analyses of niche conservatism and divergence. Global Ecology and Biogeography, 2010, 19, 916-926.	5.8	58
76	The impact of deforestation, urbanization, public investments, and agriculture on human welfare in the Brazilian Amazonia. Land Use Policy, 2017, 65, 135-142.	5.6	58
77	Planning for optimal conservation of geographical genetic variability within species. Conservation Genetics, 2012, 13, 1085-1093.	1.5	56
78	Weak evidence for determinants of citation frequency in ecological articles. Scientometrics, 2010, 85, 1-12.	3.0	54
79	Neutral community dynamics, the mid-domain effect and spatial patterns in species richness. Ecology Letters, 2005, 8, 783-790.	6.4	53
80	Phylogenetic analysis in Myrcia section Aulomyrcia and inferences on plant diversity in the Atlantic rainforest. Annals of Botany, 2015, 115, 747-761.	2.9	53
81	Equilibrium of Global Amphibian Species Distributions with Climate. PLoS ONE, 2012, 7, e34420.	2.5	52
82	Phylogenetic fields of species: cross-species patterns of phylogenetic structure and geographical coexistence. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20122570.	2.6	52
83	Null models and spatial patterns of species richness in South American birds of prey. Ecology Letters, 2002, 5, 47-55.	6.4	51
84	Ecological and evolutionary components of body size: geographic variation of venomous snakes at the global scale. Biological Journal of the Linnean Society, 0, 98, 94-109.	1.6	51
85	Ensemble forecasting shifts in climatically suitable areas for <i>Tropidacris cristata</i> (Orthoptera:) Tj ETQq1 1 0.784314 rgBT /Overlo	3.0	51
86	Global expansion of COVID-19 pandemic is driven by population size and airport connections. PeerJ, 0, 8, e9708.	2.0	51
87	Richness patterns, species distributions and the principle of extreme deconstruction. Global Ecology and Biogeography, 2009, 18, 123-136.	5.8	49
88	Could refuge theory and rivers acting as barriers explain the genetic variability distribution in the Atlantic Forest?. Molecular Phylogenetics and Evolution, 2016, 101, 242-251.	2.7	49
89	METABOLIC THEORY AND DIVERSITY GRADIENTS: WHERE DO WE GO FROM HERE?. Ecology, 2007, 88, 1898-1902.	3.2	47
90	A comparison of metrics for estimating phylogenetic signal under alternative evolutionary models. Genetics and Molecular Biology, 2012, 35, 673-679.	1.3	47

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91	Environmental drivers of diversity in Subtropical Highland Grasslands. Perspectives in Plant Ecology, Evolution and Systematics, 2015, 17, 360-368.	2.7	47
92	Phylogenetic Diversity and Conservation Priorities under Distinct Models of Phenotypic Evolution. Conservation Biology, 2004, 18, 698-704.	4.7	46
93	Niche modelling and landscape genetics of Caryocar brasiliense (â€œPequiâ€• tree: Caryocaraceae) in Brazilian Cerrado: an integrative approach for evaluating centralâ€"peripheral population patterns. Tree Genetics and Genomes, 2009, 5, 617-627.	1.6	46
94	Non-stationarity, diversity gradients and the metabolic theory of ecology. Global Ecology and Biogeography, 2007, 16, 820-822.	5.8	45
95	Crossâ€species and assemblageâ€based approaches to Bergmann's rule and the biogeography of body size in <i>Plethodon</i> salamanders of eastern North America. Ecography, 2010, 33, 362-368.	4.5	45
96	Analyzing communityâ€weighted trait means across environmental gradients: should phylogeny stay or should it go?. Ecology, 2018, 99, 385-398.	3.2	45
97	Landscape genetics of Physalaemus cuvieri in Brazilian Cerrado: Correspondence between population structure and patterns of human occupation and habitat loss. Biological Conservation, 2007, 139, 37-46.	4.1	43
98	Macroevolutionary dynamics in environmental space and the latitudinal diversity gradient in New World birds. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 43-52.	2.6	43
99	Stability of Brazilian Seasonally Dry Forests under Climate Change: Inferences for Long-Term Conservation. American Journal of Plant Sciences, 2013, 04, 792-805.	0.8	43
100	Spatial patterns in species richness and priority areas for conservation of anurans in the Cerrado region, Central Brazil. Amphibia - Reptilia, 2004, 25, 63-75.	0.5	42
101	The role of diet and temperature in shaping cranial diversification of South American human populations: an approach based on spatial regression and divergence rate tests. Journal of Biogeography, 2011, 38, 148-163.	3.0	42
102	Global agricultural expansion and carnivore conservation biogeography. Biological Conservation, 2013, 165, 162-170.	4.1	39
103	Phenotypic correlates of potential range size and range filling in European trees. Perspectives in Plant Ecology, Evolution and Systematics, 2014, 16, 219-227.	2.7	39
104	Geographical patterns of phylogenetic betaâ€diversity components in terrestrial mammals. Global Ecology and Biogeography, 2017, 26, 573-583.	5.8	39
105	Integrating Economic Costs and Biological Traits into Global Conservation Priorities for Carnivores. PLoS ONE, 2009, 4, e6807.	2.5	39
106	Bigger kill than chill: The uneven roles of humans and climate on late Quaternary megafaunal extinctions. Quaternary International, 2017, 431, 216-222.	1.5	38
107	Climate change will decrease the range size of snake species under negligible protection in the Brazilian Atlantic Forest hotspot. Scientific Reports, 2019, 9, 8523.	3.3	38
108	Landscape conservation genetics of Dipteryx alata (â€œbaruâ€• tree: Fabaceae) from Cerrado region of central Brazil. Genetica, 2008, 132, 9-19.	1.1	37

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109	Ecological and evolutionary factors in the morphological diversification of South American spiny rats. Biological Journal of the Linnean Society, 0, 98, 646-660.	1.6	37
110	Macroecology, global change and the shadow of forgotten ancestors. Global Ecology and Biogeography, 2007, 17, 070909153804001-???.	5.8	36
111	Conservation of Neotropical carnivores under different prioritization scenarios: mapping species traits to minimize conservation conflicts. Diversity and Distributions, 2008, 14, 949-960.	4.1	36
112	The roles of geographic distance and socioeconomic factors on international collaboration among ecologists. Scientometrics, 2017, 113, 1539-1550.	3.0	36
113	The complete chloroplast genome of Stryphnodendron adstringens (Leguminosae - Caesalpinioideae): comparative analysis with related Mimosoid species. Scientific Reports, 2019, 9, 14206.	3.3	36
114	A macroecological approach to evolutionary rescue and adaptation to climate change. Ecography, 2019, 42, 1124-1141.	4.5	36
115	Adaptive constraints and the phylogenetic comparative method: a computer simulation test. Evolution; International Journal of Organic Evolution, 2002, 56, 1-13.	2.3	36
116	Genetic diversity and population structure of Eugenia dysenterica DC. (`cagaiteira'' â€“ Myrtaceae) in Central Brazil: Spatial analysis and implications for conservation and management. Conservation Genetics, 2003, 4, 685-695.	1.5	35
117	Fragmentation of Neanderthals' pre-extinction distribution by climate change. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 496, 146-154.	2.3	35
118	Macroecology, geographic range sizeâ€“body size relationship and minimum viable population analysis for new world carnivora. Acta Oecologica, 2005, 27, 25-30.	1.1	34
119	A comparison of hull methods for estimating species ranges and richness maps. Plant Ecology and Diversity, 2017, 10, 389-401.	2.4	34
120	Human development and biodiversity conservation in Brazilian Cerrado. Applied Geography, 2007, 27, 14-27.	3.7	33
121	Conservation biogeography of anurans in Brazilian Cerrado. Biodiversity and Conservation, 2007, 16, 997-1008.	2.6	33
122	Globalizing Conservation Efforts to Save Species and Enhance Food Production. BioScience, 2014, 64, 539-545.	4.9	33
123	A test of multiple hypotheses for the species richness gradient of South American owls. Oecologia, 2004, 140, 633-638.	2.0	32
124	Macroecological explanations for differences in species richness gradients: a canonical analysis of South American birds. Journal of Biogeography, 2004, 31, 1819-1827.	3.0	31
125	Range shift and loss of genetic diversity under climate change in Caryocar brasiliense, a Neotropical tree species. Tree Genetics and Genomes, 2011, 7, 1237-1247.	1.6	31
126	Phylogeny and the prediction of tree functional diversity across novel continental settings. Global Ecology and Biogeography, 2017, 26, 553-562.	5.8	31

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127	GEOMETRIC ESTIMATES OF HERITABILITY IN BIOLOGICAL SHAPE. Evolution; International Journal of Organic Evolution, 2002, 56, 563.	2.3	30
128	Optimization procedures for establishing reserve networks for biodiversity conservation taking into account population genetic structure. Genetics and Molecular Biology, 2006, 29, 207-214.	1.3	30
129	Partitioning phylogenetic and adaptive components of the geographical bodyâ€size pattern of New World birds. Global Ecology and Biogeography, 2008, 17, 100-110.	5.8	30
130	Spatial patterns of species richness in New World coral snakes and the metabolic theory of ecology. Acta Oecologica, 2009, 35, 163-173.	1.1	30
131	Integrating biogeographical processes and local community assembly. Journal of Biogeography, 2012, 39, 627-628.	3.0	30
132	The potential for large-scale wildlife corridors between protected areas in Brazil using the jaguar as a model species. Landscape Ecology, 2014, 29, 1213-1223.	4.2	30
133	Correlation between genetic diversity and environmental suitability: taking uncertainty from ecological niche models into account. Molecular Ecology Resources, 2015, 15, 1059-1066.	4.8	30
134	Heterochromatic and cytomolecular diversification in the Caesalpinia group (Leguminosae): Relationships between phylogenetic and cytogeographical data. Perspectives in Plant Ecology, Evolution and Systematics, 2017, 29, 51-63.	2.7	30
135	Multiple Mantel tests and isolation-by-distance, taking into account long-term historical divergence. Genetics and Molecular Research, 2005, 4, 742-8.	0.2	30
136	Multivariate morphometrics and allometry in a polymorphic ant. Insectes Sociaux, 1994, 41, 153-163.	1.2	29
137	Factors influencing changes in trait correlations across species after using phylogenetic independent contrasts. Evolutionary Ecology, 2006, 20, 591-602.	1.2	29
138	The three phases of the ensemble forecasting of niche models: geographic range and shifts in climatically suitable areas of Utetheisa ornatrix (Lepidoptera, Arctiidae). Revista Brasileira De Entomologia, 2010, 54, 339-349.	0.4	29
139	How many studies are necessary to compare niche-based models for geographic distributions? Inductive reasoning may fail at the end. Brazilian Journal of Biology, 2010, 70, 263-269.	0.9	29
140	Eigenvector estimation of phylogenetic and functional diversity. Functional Ecology, 2011, 25, 735-744.	3.6	28
141	The circular nature of recurrent life cycle events: a test comparing tropical and temperate phenology. Journal of Ecology, 2020, 108, 393-404.	4.0	28
142	Are spatial regression methods a panacea or a Pandora's box? A reply to Beale et al. (2007). Ecography, 2007, 30, 848-851.	4.5	27
143	Global richness patterns of venomous snakes reveal contrasting influences of ecology and history in two different clades. Oecologia, 2009, 159, 617-626.	2.0	27
144	Clade-specific responses regulate phenological patterns in Neotropical Myrtaceae. Perspectives in Plant Ecology, Evolution and Systematics, 2015, 17, 476-490.	2.7	27

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145	Global patterns of mammalian coâ€occurrence: phylogenetic and body size structure within species ranges. Journal of Biogeography, 2017, 44, 136-146.	3.0	27
146	Spatial regression techniques for interâ€population data: studying the relationships between morphological and environmental variation. Journal of Evolutionary Biology, 2010, 23, 237-248.	1.7	26
147	Passerine phenology in the largest tropical dry forest of South America: effects of climate and resource availability. Emu, 2017, 117, 78-91.	0.6	26
148	Biodiversity surrogate groups and conservation priority areas: birds of the Brazilian Cerrado. Diversity and Distributions, 2008, 14, 78-86.	4.1	25
149	Conservation planning: a macroecological approach using the endemic terrestrial vertebrates of the Brazilian Cerrado. Oryx, 2008, 42, 567.	1.0	25
150	Climate and humans set the place and time of Proboscidean extinction in late Quaternary of South America. Palaeogeography, Palaeoclimatology, Palaeoecology, 2013, 392, 546-556.	2.3	25
151	Diversity gradients of Neotropical freshwater fish: evidence of multiple underlying factors in humanâ€modified systems. Journal of Biogeography, 2016, 43, 1679-1689.	3.0	25
152	Spatial autocorrelation analysis and ecological niche modelling allows inference of range dynamics driving the population genetic structure of a Neotropical savanna tree. Journal of Biogeography, 2016, 43, 167-177.	3.0	25
153	Ecological opportunities, habitat, and past climatic fluctuations influenced the diversification of modern turtles. Molecular Phylogenetics and Evolution, 2016, 101, 352-358.	2.7	25
154	Fossil record improves biodiversity risk assessment under future climate change scenarios. Diversity and Distributions, 2017, 23, 922-933.	4.1	25
155	Macroecology and the hierarchical expansion of evolutionary theory. Global Ecology and Biogeography, 2004, 13, 1-5.	5.8	24
156	Global patterns of phylogenetic beta diversity components in bats. Journal of Biogeography, 2014, 41, 762-772.	3.0	24
157	Infraspecific classification reï¬,ects genetic differentiation in the widespread Petunia axillaris complex: A comparison among morphological, ecological, and genetic patterns of geographic variation. Perspectives in Plant Ecology, Evolution and Systematics, 2014, 16, 75-82.	2.7	24
158	Multi-model inference in comparative phylogeography: an integrative approach based on multiple lines of evidence. Frontiers in Genetics, 2015, 6, 31.	2.3	24
159	Island Rule, quantitative genetics and brainâ€"body size evolution in <i>Homo floresiensis</i>. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20171065.	2.6	24
160	Science and democracy must orientate Brazil's path to sustainability. Perspectives in Ecology and Conservation, 2018, 16, 121-124.	1.9	24
161	Macroecology and macroevolution of body size in<i>Anolis</i>lizards. Ecography, 2020, 43, 812-822.	4.5	24
162	Macroecologia, biogeografia e Ã¡reas prioritÃ¡rias para conservaÃ§Ã£o no cerrado. Oecologia Brasiliensis, 2009, 13, 470-497.	0.5	24

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163	Spatial patterns of terrestrial vertebrates richness in Brazilian semiarid, Northeastern Brazil: Selecting hypotheses and revealing constraints. Journal of Arid Environments, 2010, 74, 1418-1426.	2.4	23
164	Using phylogenetic trees to test for character displacement: a model and an example from a desert mammal community. Ecology, 2012, 93, S44.	3.2	23
165	Conservation biogeography of the Cerrado's wild edible plants under climate change: Linking biotic stability with agricultural expansion. American Journal of Botany, 2015, 102, 870-877.	1.7	23
166	The geographical diversification of Furnariides: the role of forest versus open habitats in driving species richness gradients. Journal of Biogeography, 2017, 44, 1683-1693.	3.0	23
167	Agriculture, habitat loss and spatial patterns of human occupation in a biodiversity hotspot. Scientia Agricola, 2009, 66, 764-771.	1.2	23
168	Spatial patterns in species richness and the geometric constraint simulation model: a global analysis of mid-domain effect in Falconiformes. Acta Oecologica, 2003, 24, 203-207.	1.1	22
169	The impact of Felsenstein's â€œPhylogenies and the comparative methodâ€• on evolutionary biology. Scientometrics, 2005, 62, 53-66.	3.0	22
170	Habitat use and deconstruction of richness patterns in Cerrado birds. Acta Oecologica, 2008, 33, 97-104.	1.1	22
171	Invasion risk of the pond slider turtle is underestimated when niche expansion occurs. Freshwater Biology, 2016, 61, 1119-1127.	2.4	22
172	Estimating potential geographic ranges of armadillos (Xenarthra, Dasypodidae) in Brazil under niche-based models / Estimation de la distribution gÃ©ographique potentielle des tatous (Xenarthra,) Tj ETQq0 0 0 rg BT /Overlock 10 Tf	0.7	21
173	Paternity testing and behavioral ecology: a case study of jaguars (Panthera onca) in Emas National Park, Central Brazil. Genetics and Molecular Biology, 2006, 29, 735-740.	1.3	21
174	Space and time: The two dimensions of Artiodactyla body mass evolution. Palaeogeography, Palaeoclimatology, Palaeoecology, 2015, 437, 18-25.	2.3	21
175	Geographical patterns in climate and agricultural technology drive soybean productivity in Brazil. PLoS ONE, 2018, 13, e0191273.	2.5	21
176	Current climate, but also longâ€term climate changes and human impacts, determine the geographic distribution of European mammal diversity. Global Ecology and Biogeography, 2020, 29, 1758-1769.	5.8	21
177	EVOLUTION AND POPULATION STRUCTURE OF AFRICANIZED HONEY BEES IN BRAZIL: EVIDENCE FROM SPATIAL ANALYSIS OF MORPHOMETRIC DATA. Evolution; International Journal of Organic Evolution, 1995, 49, 1172-1179.	2.3	20
178	Phylogenetic autocorrelation and evolutionary diversity of Carnivora (Mammalia) in Conservation Units of the New World. Genetics and Molecular Biology, 2004, 27, 511-516.	1.3	20
179	Time and environment explain the current richness distribution of nonâ€marine turtles worldwide. Ecography, 2017, 40, 1402-1411.	4.5	20
180	Geographic variation in<i>Apis cerana indica</i>F.: a spatial autocorrelation analysis of morphometric patterns. Journal of Apicultural Research, 1993, 32, 65-72.	1.5	19

#	Article	IF	Citations
181	The climate envelope may not be empty. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, E47-E47.	7.1	19
182	Global literature of fiddler crabs, genus Uca (Decapoda, Ocypodidae): trends and future directions. Iheringia - Serie Zoologia, 2010, 100, 463-468.	0.5	19
183	Range-wide genetic differentiation of Eugenia dysenterica (Myrtaceae) populations in Brazilian Cerrado. Biochemical Systematics and Ecology, 2015, 59, 288-296.	1.3	19
184	Climate change will decrease the range of a keystone fish species in La Plata River Basin, South America. Hydrobiologia, 2019, 836, 1-19.	2.0	19
185	Two sides of a coin: Effects of climate change on the native and non-native distribution of Colossoma macropomum in South America. PLoS ONE, 2017, 12, e0179684.	2.5	19
186	Phylogeographical autocorrelation of phenotypic evolution in honey bees (Apis mellifera L.). Heredity, 1999, 83, 671-680.	2.6	18
187	Spatial analysis of morphological variation in African honeybees (Apis mellifera L.) on a continental scale. Apidologie, 2000, 31, 191-204.	2.0	18
188	Sensitivity of macroecological patterns of South American parrots to differences in data sources. Global Ecology and Biogeography, 2004, 13, 193-198.	5.8	18
189	Obsession with quantity: a view from the south. Trends in Ecology and Evolution, 2012, 27, 585.	8.7	18
190	Geographical patterns of <scp>T</scp>riatominae (<scp>H</scp>eteroptera: <scp>R</scp>eduviidae) richness and distribution in the <scp>W</scp>estern <scp>H</scp>emisphere. Insect Conservation and Diversity, 2013, 6, 704-714.	3.0	18
191	Disentangling the Phylogenetic and Ecological Components of Spider Phenotypic Variation. PLoS ONE, 2014, 9, e89314.	2.5	18
192	Phylogenetic eigenvectors and nonstationarity in the evolution of theropod dinosaur skulls. Journal of Evolutionary Biology, 2015, 28, 1410-1416.	1.7	18
193	Patterns of genetic variability in central and peripheral populations of Dipteryx alata (Fabaceae) in the Brazilian Cerrado. Plant Systematics and Evolution, 2015, 301, 1315-1324.	0.9	18
194	Differential effects of temperature change and human impact on European Late Quaternary mammalian extinctions. Global Change Biology, 2015, 21, 1475-1481.	9.5	18
195	Effects of global climate changes on geographical distribution patterns of economically important plant species in cerrado. Revista Arvore, 2013, 37, 267-274.	0.5	17
196	Geographical genetics of Pseudoplatystoma punctifer (Castelnau, 1855) (Siluriformes, Pimelodidae) in the Amazon Basin. Genetics and Molecular Research, 2014, 13, 3656-3666.	0.2	17
197	Geographic variation in the relationship between large-scale environmental determinants and bat species richness. Basic and Applied Ecology, 2018, 27, 1-8.	2.7	17
198	Overcoming the worst of both worlds: integrating climate change and habitat loss into spatial conservation planning of genetic diversity in the Brazilian Cerrado. Biodiversity and Conservation, 2020, 29, 1555-1570.	2.6	17

#	Article	IF	Citations
199	Canopy height explains species richness in the largest clade of Neotropical lianas. Global Ecology and Biogeography, 2020, 29, 26-37.	5.8	17
200	Combining multiple models to predict the geographical distribution of the Baru tree (Dipteryx alata) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.9	16
201	Climatic and evolutionary factors shaping geographical gradients of species richness in Anolis lizards. Biological Journal of the Linnean Society, 2018, 123, 615-627.	1.6	16
202	Biogeographical history constrains climatic niche diversification without adaptive forces driving evolution. Journal of Biogeography, 2019, 46, 1020-1028.	3.0	16
203	Assessing the relationship between multivariate community structure and environmental variables. Marine Ecology - Progress Series, 1996, 143, 303-306.	1.9	16
204	Potential suitable areas of giant ground sloths dropped before its extinction in South America: the evidences from bioclimatic envelope modeling. Natureza A Conservacao, 2012, 10, 145-151.	2.5	16
205	Phylogenetic autocorrelation and evolutionary constraints in worker body size of some neotropical stingless bees (Hymenoptera: Apidae). Heredity, 1996, 76, 222-228.	2.6	15
206	Ecological and evolutionary factors in dental morphological diversification among modern human populations from southern South America. Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 1107-1112.	2.6	15
207	Thirty-five years of spatial autocorrelation analysis in population genetics: an essay in honour of Robert Sokal (1926-2012). Biological Journal of the Linnean Society, 2012, 107, 721-736.	1.6	15
208	Drivers of academic performance in a Brazilian university under a government-restructuring program. Journal of Informetrics, 2016, 10, 151-161.	2.9	15
209	Geographical diversification and the effect of model and data inadequacies: the bat diversity gradient as a case study. Biological Journal of the Linnean Society, 2017, 121, 894-906.	1.6	15
210	DistribuiÃ§Ã£o espacial da variabilidade genÃ©tica intrapopulacional de Dipteryx alata. Pesquisa Agropecuaria Brasileira, 2008, 43, 1151-1158.	0.9	15
211	Agricultural Expansion Can Menace Brazilian Protected Areas During the 21st Century. Natureza A Conservacao, 2011, 9, 208-213.	2.5	15
212	Honey Ants (Genus Myrmecocystus) Macroecology: Effect of Spatial Patterns on the Relationship Between Worker Body Size and Geographic Range Size. Environmental Entomology, 1998, 27, 1094-1101.	1.4	14
213	Seeing the forest for the trees: partitioning ecological and phylogenetic components of Bergmann's rule in European Carnivora. Ecography, 2007, 30, 598-608.	4.5	14
214	Deviations from predictions of the metabolic theory of ecology can be explained by violations of assumptions. Ecology, 2010, 91, 3729-3738.	3.2	14
215	Phylogenetic fields through time: temporal dynamics of geographical co-occurrence and phylogenetic structure within species ranges. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150220.	4.0	14
216	Dispersal is more important than climate in structuring turtle communities across different biogeographical realms. Journal of Biogeography, 2017, 44, 2109-2120.	3.0	14

#	Article	IF	Citations
217	A Major Change in Rate of Climate Niche Envelope Evolution during Hominid History. IScience, 2020, 23, 101693.	4.1	14
218	Phylogenetic niche conservatism and plant diversification in South American subtropical grasslands along multiple climatic dimensions. Genetics and Molecular Biology, 2020, 43, e20180291.	1.3	14
219	Hierarchical structure of genetic distances: Effects of matrix size, spatial distribution and correlation structure among gene frequencies. Genetics and Molecular Biology, 1998, 21, 233-240.	1.3	14
220	Modelando a distribuiÃ§Ã£o geogrÃ¡fica das espÃ©cies no passado: uma abordagem promissora em Paleoecologia. Revista Brasileira De Paleontologia, 2012, 15, 371-385.	0.4	14
221	Local and Regional Species Richness Relationships in Viperid Snake Assemblages from South America: Unsaturated Patterns at Three Different Spatial Scales. Copeia, 2000, 2000, 799-805.	1.3	13
222	Environmental steepness, tolerance gradient, and ecogeographical rules in glassfrogs (Anura:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542	1.6	13
223	The best of both worlds: Phylogenetic eigenvector regression and mapping. Genetics and Molecular Biology, 2015, 38, 396-400.	1.3	13
224	Stacked species distribution and macroecological models provide incongruent predictions of species richness for Drosophilidae in the Brazilian savanna. Insect Conservation and Diversity, 2017, 10, 415-424.	3.0	13
225	Reducing Wallacean shortfalls for the coralsnakes of the Micrurus lemniscatus species complex: Present and future distributions under a changing climate. PLoS ONE, 2018, 13, e0205164.	2.5	13
226	Geographical Patterns in Biodiversity: Towards an Integration of Concepts and Methods from Genes to Species Diversity. Natureza A Conservacao, 2011, 9, 179-187.	2.5	13
227	AutocorrelaÃ§Ã£o espacial das freqÃ¼Ãªncias alÃ©licas em subpopulaÃ§Ãµes de cagaiteira (Eugenia dysenterica) Tj ETQq1 1 0.7843 14	1.3	12
228	Hypothesis testing of genetic similarity based on RAPD data using Mantel tests and model matrices. Genetics and Molecular Biology, 2002, 25, 435-439.	1.3	12
229	SHAPE DISTANCES IN GENERAL LINEAR MODELS: ARE THEY REALLY AT ODDS WITH THE GOALS OF MORPHOMETRICS? A REPLY TO KLINGENBERG. Evolution; International Journal of Organic Evolution, 2003, 57, 196-199.	2.3	12
230	Spatial congruence between biotic history and species richness of Muscidae (Diptera, Insecta) in the Andean and Neotropical regions. Journal of Zoological Systematics and Evolutionary Research, 2008, 46, 374-380.	1.4	12
231	A geographical genetics framework for inferring homing reproductive behavior in fishes. Genetica, 2011, 139, 243-253.	1.1	12
232	Geographical patterns and partition of turnover and richness components of beta-diversity in faunas from Tocantins river valley. Brazilian Journal of Biology, 2012, 72, 497-504.	0.9	12
233	Multi-objective optimization for plant germplasm collection conservation of genetic resources based on molecular variability. Tree Genetics and Genomes, 2015, 11, 1.	1.6	12
234	Do traditional scientometric indicators predict social media activity on scientific knowledge? An analysis of the ecological literature. Scientometrics, 2018, 115, 1007-1015.	3.0	12

#	Article	IF	Citations
235	Temperature is the main correlate of the global biogeography of turtle body size. Global Ecology and Biogeography, 2018, 27, 429-438.	5.8	12
236	Quantitative genetics of body size evolution on islands: an individual-based simulation approach. Biology Letters, 2019, 15, 20190481.	2.3	12
237	Will life find a way out? Evolutionary rescue and Darwinian adaptation to climate change. Perspectives in Ecology and Conservation, 2019, 17, 117-121.	1.9	12
238	Anurans from a local assemblage in Central Brazil: linking local processes with macroecological patterns. Brazilian Journal of Biology, 2004, 64, 41-52.	0.9	11
239	Phylogenetic Autocorrelation Analysis of Extinction Risks and the Loss of Evolutionary History in Felidae (Carnivora: Mammalia). Evolutionary Ecology, 2004, 18, 273-282.	1.2	11
240	Genetic analysis of a local population of Oryza glumaepatula using SSR markers: implications for management and conservation programs. Genetica, 2009, 137, 221-231.	1.1	11
241	Phylogenetic autocorrelation and heritability of geographic range size, shape and position of fiddler crabs, genus<i>Uca</i>(Crustacea, Decapoda). Journal of Zoological Systematics and Evolutionary Research, 2010, 48, 102-108.	1.4	11
242	Geographical patterns of turnover and nestedness-resultant components of allelic diversity among populations. Genetica, 2012, 140, 189-195.	1.1	11
243	Exploring intraspecific climatic niche conservatism to better understand species invasion: the case of Trachemys dorbigni (Testudines, Emydidae). Hydrobiologia, 2016, 779, 127-134.	2.0	11
244	Genetic and chemical diversity of Uncaria tomentosa (Willd. ex. Schult.) DC. in the Brazilian Amazon. PLoS ONE, 2017, 12, e0177103.	2.5	11
245	Multiple Components of Phylogenetic Non-stationarity in the Evolution of Brain Size in Fossil Hominins. Evolutionary Biology, 2019, 46, 47-59.	1.1	11
246	Additive effects of climate change and human hunting explain population decline and extinction in cave bears. Boreas, 2019, 48, 605-615.	2.4	11
247	Space-Free Correlation between Morphometric and Climatic Data: A Multivariate Analysis of Africanized Honey Bees (Apis mellifera L.) in Brazil. Global Ecology and Biogeography Letters, 1994, 4, 195.	0.6	10
248	Evolution and Population Structure of Africanized Honey Bees in Brazil: Evidence from Spatial Analysis of Morphometric Data. Evolution; International Journal of Organic Evolution, 1995, 49, 1172.	2.3	10
249	RAPD variation and population genetic structure of Physalaemus cuvieri (Anura: Leptodactylidae) in Central Brazil. Genetica, 2006, 128, 323-332.	1.1	10
250	Selecting priority areas to conserve Psittacines in the Brazilian cerrado: minimizing humanâ€“conservation conflicts. Bird Conservation International, 2007, 17, 13-22.	1.3	10
251	Conservation biogeography of mammals in the Cerrado biome under the unified theory of macroecology. Acta Oecologica, 2009, 35, 630-638.	1.1	10
252	Obstinate Overkill in Tasmania? The closest gaps do not probabilistically support human involvement in megafaunal extinctions. Earth-Science Reviews, 2014, 135, 59-64.	9.1	10

#	Article	IF	Citations
253	Metaâ€analyzing the likely crossâ€species responses to climate change. Ecology and Evolution, 2019, 9, 11136-11144.	1.9	10
254	Drivers of Phylogenetic Assemblage Structure of the Furnariides, a Widespread Clade of Lowland Neotropical Birds. American Naturalist, 2019, 193, E41-E56.	2.1	10
255	A Cautionary Note on Phylogenetic Signal Estimation from Imputed Databases. Evolutionary Biology, 2021, 48, 246-258.	1.1	10
256	Red herrings revisited: spatial autocorrelation and parameter estimation in geographical ecology. Ecography, 2007, 30, 375-384.	4.5	10
257	Modeling body size evolution in Felidae under alternative phylogenetic hypotheses. Genetics and Molecular Biology, 2009, 32, 170-176.	1.3	9
258	DistribuiÃ§Ã£o geogrÃ¡fica potencial de espÃ©cies americanas do caranguejo "violinista" (Uca spp.) (Crustacea, Decapoda) com base em modelagem de nicho ecolÃ³gico. Iheringia - Serie Zoologia, 2009, 99, 92-98.	0.5	9
259	Alternatives to the partial Mantel test in the study of environmental factors shaping human morphological variation. Journal of Human Evolution, 2010, 59, 698-703.	2.6	9
260	Climatic niche evolution in turtles is characterized by phylogenetic conservatism for both aquatic and terrestrial species. Journal of Evolutionary Biology, 2019, 32, 66-75.	1.7	9
261	PadrÃµes de autocorrelaÃ§Ã£o espacial de Ãndices de vegetaÃ§Ã£o MODIS no bioma cerrado. Revista Arvore, 2008, 32, 279-290.	0.5	9
262	Conservation Science in Brazil: Challenges for the 21st Century. Natureza A Conservacao, 2010, 08, 1-2.	2.5	9
263	Spatial pattern and genetic diversity estimates are linked in stochastic models of population differentiation. Genetics and Molecular Biology, 2000, 23, 541-544.	1.3	8
264	Autoregressive modelling of species richness in the Brazilian Cerrado. Brazilian Journal of Biology, 2008, 68, 233-240.	0.9	8
265	Global conservation strategies for two clades of snakes: combining taxonâ€specific goals with general prioritization schemes. Diversity and Distributions, 2009, 15, 841-851.	4.1	8
266	Human arrival scenarios have a strong influence on interpretations of the late Quaternary extinctions. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E2409-10; author reply E2411.	7.1	8
267	Constraint envelope analyses of macroecological patterns reveal climatic effects on Pleistocene mammal extinctions. Quaternary Research, 2014, 82, 260-269.	1.7	8
268	Integrating selection, niche, and diversification into a hierarchical conceptual framework. Organisms Diversity and Evolution, 2017, 17, 1-10.	1.6	8
269	Ecological drivers of plant genetic diversity at the southern edge of geographical distributions: Forestal vines in a temperate region. Genetics and Molecular Biology, 2018, 41, 318-326.	1.3	8
270	Deconstructing species richnessâ€“environment relationships in Neotropical lianas. Journal of Biogeography, 2020, 47, 2168-2180.	3.0	8

#	Article	IF	Citations
271	Profiles not metrics: the case of Brazilian universities. Anais Da Academia Brasileira De Ciencias, 2021, 93, e29290261.	0.8	8
272	Morphometric and genetic differentiation among populations of Eupemphix nattereri (Amphibia,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.5	7
273	Pattern-oriented modelling of population genetic structure. Biological Journal of the Linnean Society, 2014, 113, 1152-1161.	1.6	7
274	Geographical ecology and conservation of <i>Eugenia</i> L. (Myrtaceae) in the Brazilian Cerrado: Past, present andÂfuture. Austral Ecology, 2019, 44, 95-104.	1.5	7
275	Evolutionary Macroecology and the Geographical Patterns of Neotropical Diversification. Fascinating Life Sciences, 2020, , 85-101.	0.9	7
276	TendÃªncias da literatura cientÃfica sobre genÃ©tica de populaÃ§Ãµes de plantas do Cerrado. Hoehnea (revista), 2016, 43, 461-477.	0.2	7
277	Evolutionary macroecology. Frontiers of Biogeography, 2013, 5, .	1.8	7
278	Exhaustive search for conservation networks of populations representing genetic diversity. Genetics and Molecular Research, 2016, 15, .	0.2	7
279	Exploring patterns in macroecological traits using sequential phylogenetic eigenvector regression. Ecosistemas, 2014, 23, 21-26.	0.4	7
280	Canonical trend surface analysis of morphometric variation in Africanized honey bees from Brazil. Journal of Apicultural Research, 1995, 34, 65-72.	1.5	6
281	A new eigenfunction spatial analysis describing population genetic structure. Genetica, 2013, 141, 479-489.	1.1	6
282	Phylogenetic eigenvector regression in paleobiology. Revista Brasileira De Paleontologia, 2014, 17, 105-122.	0.4	6
283	Geographically weighted regression as a generalized Wombling to detect barriers to gene flow. Genetica, 2016, 144, 425-433.	1.1	6
284	Quantitative genetics of extreme insular dwarfing: The case of red deer on Jersey. Journal of Biogeography, 2021, 48, 1720-1730.	3.0	6
285	Phylogenetic correlograms and the evolution of body size in South American owls (Strigiformes). Genetics and Molecular Biology, 2000, 23, 285-292.	1.3	5
286	ADAPTIVE CONSTRAINTS AND THE PHYLOGENETIC COMPARATIVE METHOD: A COMPUTER SIMULATION TEST. Evolution; International Journal of Organic Evolution, 2002, 56, 1.	2.3	5
287	PrevalÃªncia de talassemias e hemoglobinas variantes no estado de GoiÃ¡s, Brasil. Jornal Brasileiro De Patologia E Medicina Laboratorial, 2006, 42, 425.	0.3	5
288	Bergmannâ€™s rule, natural selection and the end of the Panglossian paradigm in ecogeographical analyses. Journal of Biogeography, 2008, 35, 577-578.	3.0	5

#	Article	IF	Citations
289	Hierarchical genetic and spatial structure among varieties and populations of Hymenaea stigonocarpa (Fabaceae) in Brazilian savannah. Tree Genetics and Genomes, 2019, 15, 1.	1.6	5
290	Unveiling geographical gradients of species richness from scant occurrence data. Global Ecology and Biogeography, 2020, 29, 748-759.	5.8	5
291	Geographic shifts in climatically suitable areas and loss of genetic variability in Dipteryx alata (â€œBaruâ€) Tj ETQq1 1 0.784314 rgBT /C	0.2	5
292	Predicting Patterns of Beta Diversity in Terrestrial Vertebrates Using Physiographic Classifications in the Brazilian Cerrado. Natureza A Conservacao, 2010, 08, 127-132.	2.5	5
293	Two years later: Natureza & ConservaÃ§Ã£o and its impact. Natureza A Conservacao, 2012, 10, 1-2.	2.5	5
294	Extreme deconstruction supports niche conservatism driving New World bird diversity. Acta Oecologica, 2012, 43, 16-21.	1.1	4
295	Integrating phylogeny, environment and space to explore variation in macroecological traits of Viperidae and Elapidae (Squamata: Serpentes). Journal of Zoological Systematics and Evolutionary Research, 2012, 50, 202-209.	1.4	4
296	The well-behaved killer: Late Pleistocene humans in Eurasia were significantly associated with living megafauna only. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 500, 24-32.	2.3	4
297	Geographical distribution of Stryphnodendron adstringens Mart. Coville (Fabaceae): modeling effects of climate change on past, present and future. Revista Brasileira De Botanica, 2019, 42, 53-61.	1.3	4
298	Too simple models may predict the island rule for the wrong reasons. Ecology Letters, 2021, 24, 2521-2523.	6.4	4
299	Phylogeographical autocorrelation of phenotypic evolution in honey bees (Apis mellifera L.). Heredity, 1999, 83, 671-680.	2.6	4
300	Extinction of canid populations by inbreeding depression under stochastic environments in Southwestern GoiÃ¡s State: a simulation study. Genetics and Molecular Biology, 2007, 30, 121-126.	1.3	4
301	GRADIENTES DE DIVERSIDADE E A TEORIA METABÃ"LICA DA ECOLOGIA. Oecologia Australis, 2010, 14, 490-503.	0.2	4
302	Macroecologia de mamÃferos neotropicais com ocorrÃªncia no Cerrado. Revista Brasileira De Zoologia, 2000, 17, 973-988.	0.5	3
303	PHYLOGENETIC AUTOCORRELATION UNDER DISTINCT EVOLUTIONARY PROCESSES. Evolution; International Journal of Organic Evolution, 2001, 55, 1104.	2.3	3
304	Extinction of mammalian populations in conservation units of the Brazilian Cerrado by inbreeding depression in stochastic environments. Genetics and Molecular Biology, 2008, 31, 800-803.	1.3	3
305	Evaluating environmental and geometrical constraints on endemic vertebrates of the semiarid Caatinga (Brazil). Basic and Applied Ecology, 2011, 12, 664-673.	2.7	3
306	Insistence on narrative reviews or preference for overkill hypothesis? Re-analyses show no evidence against Lima-Ribeiro and Diniz-Filho's conclusions. Quaternary International, 2013, 308-309, 278-281.	1.5	3

#	Article	IF	Citations
307	Elucidating the global elapid (Squamata) richness pattern under metabolic theory of ecology. Acta Oecologica, 2014, 56, 41-46.	1.1	3
308	Genetic structure and chemical diversity in natural populations of Uncaria guianensis (Aubl.) J.F.Gmel. (Rubiaceae). PLoS ONE, 2018, 13, e0205667.	2.5	3
309	Phylogenetic and spatial analyses suggest minimum temperature as an environmental filter for turtle communities. Journal of Biogeography, 2019, 46, 671-679.	3.0	3
310	Climate stability and the current patterns of terrestrial vertebrate species richness on the Brazilian Cerrado. Quaternary International, 2010, 222, 230-236.	1.5	2
311	Relationship between the genetic structure of the Andean toad Rhinella spinulosa (Anura: Bufonidae) and the northern Chile landscape (21Â°- 24Â° S). Revista Chilena De Historia Natural, 2011, 84, 391-406.	1.2	2
312	Citations: Ethical ways to grow impact. Nature, 2013, 501, 492-492.	27.8	2
313	Evolutionary macroecology. Frontiers of Biogeography, 2013, 5, .	1.8	2
314	Multi-objective optimization applied to systematic conservation planning and spatial conservation priorities under climate change. , 2014, , .		2
315	A Multi-objective Optimization Approach Associated to Climate Change Analysis to Improve Systematic Conservation Planning. Lecture Notes in Computer Science, 2015, , 458-472.	1.3	2
316	Complete chloroplast genome sequence of Caryocar brasiliense Camb. (Caryocaraceae) and comparative analysis brings new insights into the plastome evolution of Malpighiales. Genetics and Molecular Biology, 2020, 43, e20190161.	1.3	2
317	Escolha de Ã¡reas prioritÃ¡rias de conservaÃ§Ã£o de anfÃbios anuros do Cerrado atravÃ©s de um modelo de populaÃ§Ãµes centrais-perifÃ©ricas. Iheringia - Serie Zoologia, 2008, 98, 200-204.	0.5	2
318	A colourful tropical world. Nature Ecology and Evolution, 2022, 6, 502-503.	7.8	2
319	Isolation-by-ecology in a Neotropical savanna tree. Tree Genetics and Genomes, 2022, 18, .	1.6	2
320	Clinal morphometric variation in Africanized honey bees under racial admixture hypothesis. Journal of Apicultural Research, 1996, 35, 104-109.	1.5	1
321	Null expectation of spatial correlograms under a stochastic process of genetic divergence with small sample sizes. Genetics and Molecular Biology, 2000, 23, 739-743.	1.3	1
322	Modern processes drive macroecological patterns in North American avifauna. Journal of Biogeography, 2006, 33, 1153-1154.	3.0	1
323	Population structure of Eupemphix nattereri (Amphibia, Anura, Leiuperidae) from Central Brazil. Genetics and Molecular Biology, 2007, 30, 1161-1168.	1.3	1
324	Using Multi-Objective Artificial Immune Systems to Find Core Collections Based on Molecular Markers. , 2015, , .		1

#	Article	IF	Citations
325	Beyond Rapoport's rule: evaluating range size patterns of New World birds in a two-dimensional framework. Global Ecology and Biogeography, 2006, 15, 461-469.	5.8	1
326	O Hobbit da Ilha de Flores: implicaÃ§Ãµes para a evoluÃ§Ã£o humana. CiÃªncia E Cultura, 2018, 70, 56-59.	0.0	1
327	Why scientific information does not necessarily impact the decisions by human society. Ethnobiology and Conservation, 0, , .	0.0	1
328	Macroecologia de carnÃvoros do Novo Mundo (Mammalia): envelopes de restriÃ§Ã£o e anÃ¡lise de padrÃµes filogenÃ©ticos. Iheringia - Serie Zoologia, 2004, 94, 155-161.	0.5	0
329	A new taste for old fine wines. Global Ecology and Biogeography, 2005, 14, 602-603.	5.8	0
330	A nice step towards the final frontier. Journal of Biogeography, 2005, 32, 1287-1288.	3.0	0
331	Conservation biogeography of anurans in Brazilian Cerrado. Topics in Biodiversity and Conservation, 2006, , 171-182.	1.0	0
332	Metabolic Theory of Ecology and diversity of continental zooplankton in Brazil. Acta Scientiarum - Biological Sciences, 2012, 34, .	0.3	0
333	Using a multi-objective artificial immune system approach for biodiversity conservation. , 2017, , .		0
334	Heading back into the perfect storm: increasing risks for disease emergence in Brazil?. Revista Da Sociedade Brasileira De Medicina Tropical, 0, 55, .	0.9	0