

Out of the Tropics: Evolutionary Dynamics of the Latitudinal

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Biotic interactions and speciation in the tropics. , 2001, , 219-239.		66
2	Temporal order of evolution of DNA replication systems inferred by comparison of cellular and viral DNA polymerases. <i>Biology Direct</i> , 2006, 1, 39.	4.6	50
3	EVOLUTION: Fossil Record Reveals Tropics as Cradle and Museum. <i>Science</i> , 2006, 314, 66-67.	12.6	11
4	Insight into Global Mosquito Biogeography from Country Species Records. <i>Journal of Medical Entomology</i> , 2007, 44, 554-567.	1.8	61
5	Origination, Extinction, and Dispersal: Integrative Models for Understanding Presentâ€Day Diversity Gradients. <i>American Naturalist</i> , 2007, 170, S71-S85.	2.1	95
6	Do Extragalactic Cosmic Rays Induce Cycles in Fossil Diversity?. <i>Astrophysical Journal</i> , 2007, 664, 879-889.	4.5	63
7	Environmental determinants of marine benthic biodiversity dynamics through Triassic-Jurassic time. <i>Paleobiology</i> , 2007, 33, 414-434.	2.0	82
8	Geographic variation in turnover and recovery from the Late Ordovician mass extinction. <i>Paleobiology</i> , 2007, 33, 435-454.	2.0	48
9	Diversification Rates Increase With Population Size and Resource Concentration in an Unstructured Habitat. <i>Genetics</i> , 2007, 177, 2243-2250.	2.9	16
10	Explaining Latitudinal Diversity Gradients. <i>Science</i> , 2007, 317, 451-453.	12.6	11
11	Exceptionally preserved North American Paleogene metatherians: adaptations and discovery of a major gap in the opossum fossil record. <i>Biology Letters</i> , 2007, 3, 318-322.	2.3	59
12	Climate, Niche Conservatism, and the Global Bird Diversity Gradient. <i>American Naturalist</i> , 2007, 170, S16-S27.	2.1	226
13	Species Richness and Evolutionary Niche Dynamics: A Spatial Patternâ€Oriented Simulation Experiment. <i>American Naturalist</i> , 2007, 170, 602-616.	2.1	147
14	Contrarian clade confirms the ubiquity of spatial origination patterns in the production of latitudinal diversity gradients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 18129-18134.	7.1	38
15	The value of georeferenced collection records for predicting patterns of mosquito species richness and endemism in the Neotropics. <i>Ecological Entomology</i> , 2007, 33, 071203162814003-???	2.2	15
16	Diseases of Tropical Perennial Crops: Challenging Problems in Diverse Environments. <i>Plant Disease</i> , 2007, 91, 644-663.	1.4	69
17	The Latitudinal Gradient in Recent Speciation and Extinction Rates of Birds and Mammals. <i>Science</i> , 2007, 315, 1574-1576.	12.6	467
18	Steady diversification of derived liverworts under Tertiary climatic fluctuations. <i>Biology Letters</i> , 2007, 3, 566-569.	2.3	62

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19	Memoir 4: An Analysis of the History of Marine Animal Diversity. <i>Paleobiology</i> , 2007, 33, 1-55.	2.0	145
20	Genetic characterization of <i>Toxoplasma gondii</i> isolates in dogs from Vietnam suggests their South American origin. <i>Veterinary Parasitology</i> , 2007, 146, 347-351.	1.8	53
21	Origins and diversification of Indo-West Pacific marine fauna: evolutionary history and biogeography of turban shells (Gastropoda, Turbinidae). <i>Biological Journal of the Linnean Society</i> , 0, 92, 573-592.	1.6	61
22	Revisiting Jablonski (1993): cladogenesis and range expansion explain latitudinal variation in taxonomic richness. <i>Journal of Evolutionary Biology</i> , 2007, 20, 930-936.	1.7	28
23	Diversity?stability relationship varies with latitude in zooplankton. <i>Ecology Letters</i> , 2007, 10, 127-134.	6.4	89
24	Evolution and the latitudinal diversity gradient: speciation, extinction and biogeography. <i>Ecology Letters</i> , 2007, 10, 315-331.	6.4	1,361
25	One-dimensional analyses of Rapoport's rule reviewed through meta-analysis. <i>Global Ecology and Biogeography</i> , 2007, 16, 401-414.	5.8	72
26	Marine longitudinal biodiversity: causes and conservation. <i>Diversity and Distributions</i> , 2007, 13, 544-555.	4.1	49
27	DO REEFS DRIVE DIVERSIFICATION IN MARINE TELEOSTS? EVIDENCE FROM THE PUFFERFISH AND THEIR ALLIES (ORDER TETRAODONTIFORMES). <i>Evolution; International Journal of Organic Evolution</i> , 2007, 61, 2104-2126.	2.3	164
28	Latitudinal gradient in species richness. <i>Current Biology</i> , 2007, 17, R574.	3.9	45
29	Vertical niche separation control of diversity and size disparity in planktonic foraminifera. <i>Marine Micropaleontology</i> , 2007, 63, 75-90.	1.2	39
30	Thermal tolerance ranges and climate variability: A comparison between bivalves from differing climates. <i>Journal of Experimental Marine Biology and Ecology</i> , 2007, 352, 200-211.	1.5	147
31	When family matters: an analysis of Thelotremaaceae (Lichenized Ascomycota: Ostropales) as bioindicators of ecological continuity in tropical forests. <i>Biodiversity and Conservation</i> , 2008, 17, 1319-1351.	2.6	96
32	Contributions on vertebrate paleontology in Venezuela Preface. <i>Palaontologische Zeitschrift</i> , 2008, 82, 103-104.	1.6	1
33	Hopping Hotspots: Global Shifts in Marine Biodiversity. <i>Science</i> , 2008, 321, 654-657.	12.6	408
34	LATITUDINAL VARIATION IN SUBSPECIFIC DIVERSIFICATION OF BIRDS. <i>Evolution; International Journal of Organic Evolution</i> , 2008, 62, 2775-2788.	2.3	48
35	A phylogenetic perspective on the distribution of plant diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 11549-11555.	7.1	551
36	BIOTIC INTERACTIONS AND MACROEVOLUTION: EXTENSIONS AND MISMATCHES ACROSS SCALES AND LEVELS. <i>Evolution; International Journal of Organic Evolution</i> , 2008, 62, 715-739.	2.3	200

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37	Evolutionary rates do not drive latitudinal diversity gradients. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2008, 46, 82-86.	1.4	25
38	The tropics: cradle, museum or casino? A dynamic null model for latitudinal gradients of species diversity. <i>Ecology Letters</i> , 2008, 11, 653-663.	6.4	48
39	Temporal dynamics within a contemporary latitudinal diversity gradient. <i>Ecology Letters</i> , 2008, 11, 883-897.	6.4	38
40	Do Rapoport's rule, the mid-domain effect or the source-sink hypotheses predict bathymetric patterns of polychaete richness on the Pacific coast of South America?. <i>Global Ecology and Biogeography</i> , 2008, 17, 415-423.	5.8	37
41	Beyond corals and fish: the effects of climate change on noncoral benthic invertebrates of tropical reefs. <i>Global Change Biology</i> , 2008, 14, 2773-2795.	9.5	240
42	High tropical net diversification drives the New World latitudinal gradient in palm (Arecaceae) species richness. <i>Journal of Biogeography</i> , 2008, 35, 394-406.	3.0	105
43	Proterozoic (pre-Ediacaran) glaciation and the high obliquity, low-latitude ice, strong seasonality (HOLIST) hypothesis: Principles and tests. <i>Earth-Science Reviews</i> , 2008, 87, 61-93.	9.1	59
44	Population divergence in plant species reflects latitudinal biodiversity gradients. <i>Biology Letters</i> , 2008, 4, 382-384.	2.3	38
45	Macroecology: more than the division of food and space among species on continents. <i>Progress in Physical Geography</i> , 2008, 32, 115-138.	3.2	48
46	A null biogeographic model for quantifying the role of migration in shaping patterns of global taxonomic richness and differentiation diversity, with implications for Ordovician biogeography. <i>Paleobiology</i> , 2008, 34, 195-209.	2.0	5
47	Geographic differences between functional groups in patterns of bird species richness in North America. <i>Acta Oecologica</i> , 2008, 33, 253-264.	1.1	31
48	Disintegration of the Ecological Community. <i>American Naturalist</i> , 2008, 172, 741-750.	2.1	464
49	Species Selection: Theory and Data. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2008, 39, 501-524.	8.3	296
50	Biogeography Of Aquatic And Semiaquatic Heteroptera In the Grand Canyon Ecoregion, Southwestern USA. <i>Monographs of the Western North American Naturalist</i> , 2008, 4, 38-76.	0.7	13
51	Quaternary climate changes explain diversity among reptiles and amphibians. <i>Ecography</i> , 2008, 31, 8-15.	4.5	345
52	Incumbency, diversity, and latitudinal gradients. <i>Paleobiology</i> , 2008, 34, 169-178.	2.0	80
53	Extinction and the spatial dynamics of biodiversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 11528-11535.	7.1	171
54	Neotropical <i>Hypocrella</i> (anamorph <i>Aschersonia</i>), <i>Moelleriella</i> , and <i>Samuelsia</i> . <i>Studies in Mycology</i> , 2008, 60, iii.	7.2	0

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55	A monograph of the entomopathogenic genera <i>Hypocrella</i> , <i>Moelleriella</i> , and <i>Samuelsia</i> gen. nov. (Ascomycota, Hypocreales, Clavicipitaceae), and their aschersonia-like anamorphs in the Neotropics. <i>Studies in Mycology</i> , 2008, 60, 1-66.	7.2	59
56	Speciesâ€“genus ratios reflect a global history of diversification and range expansion in marine bivalves. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2008, 275, 1117-1123.	2.6	73
58	Extinction Risk Escalates in the Tropics. <i>PLoS ONE</i> , 2008, 3, e3886.	2.5	48
59	Latitudinal variation in the asynchrony of seasons: implications for higher rates of population differentiation and speciation in the tropics. <i>Ideas in Ecology and Evolution</i> , 0, 2, .	0.1	31
60	The Red Queen and the Court Jester: Species Diversity and the Role of Biotic and Abiotic Factors Through Time. <i>Science</i> , 2009, 323, 728-732.	12.6	418
61	Temporal latitudinal-gradient dynamics and tropical instability of deep-sea species diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 21717-21720.	7.1	88
62	Geographic origin of species: The temperate-tropical interchange. <i>Geology</i> , 2009, 37, 879-881.	4.4	11
63	A new lizard assemblage from the earliest eocene (Zone Wa0) of the bighorn basin, wyoming, USA: Biogeography during the warmest interval of the cenozoic. <i>Journal of Systematic Palaeontology</i> , 2009, 7, 299-358.	1.5	85
64	Congruence of morphologically-defined genera with molecular phylogenies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 8262-8266.	7.1	72
65	Biogeography and biodiversity of gastropod molluscs from the eastern Brazilian continental shelf and slope. <i>Latin American Journal of Aquatic Research</i> , 2009, 37, 143-159.	0.6	20
66	Odonata Biogeography in the Grand Canyon Ecoregion, Southwestern USA. <i>Annals of the Entomological Society of America</i> , 2009, 102, 261-274.	2.5	13
67	Latitude, elevation and the tempo of molecular evolution in mammals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 3353-3359.	2.6	76
68	A macroevolutionary perspective on species range limits. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 1485-1493.	2.6	74
69	Climate as a Driver of Evolutionary Change. <i>Current Biology</i> , 2009, 19, R575-R583.	3.9	157
70	Global richness patterns of venomous snakes reveal contrasting influences of ecology and history in two different clades. <i>Oecologia</i> , 2009, 159, 617-626.	2.0	27
71	Tropical niche conservatism and the species richness gradient of North American butterflies. <i>Journal of Biogeography</i> , 2009, 36, 1698-1711.	3.0	77
72	TEMPORAL PATTERNS OF DIVERSIFICATION AND MICROENDEMISM IN EASTERN HIGHLAND ENDEMIC BARCHEEK DARTERS (PERCIDAE: ETHEOSTOMATINAE). <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 228-243.	2.3	57
73	EVOLUTIONARY AND BIOGEOGRAPHIC ORIGINS OF HIGH TROPICAL DIVERSITY IN OLD WORLD FROGS (RANIDAE). <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 1217-1231.	2.3	181

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74	Evolutionary constraints on regional faunas: whom, but not how many. <i>Ecology Letters</i> , 2009, 12, 57-65.	6.4	76
75	Speed of expansion and extinction in experimental populations. <i>Ecology Letters</i> , 2009, 12, 772-778.	6.4	16
76	Ecological limits and diversification rate: alternative paradigms to explain the variation in species richness among clades and regions. <i>Ecology Letters</i> , 2009, 12, 735-743.	6.4	410
77	Patterns and causes of species richness: a general simulation model for macroecology. <i>Ecology Letters</i> , 2009, 12, 873-886.	6.4	286
78	The effects of rarity and abundance distributions on measurements of local morphological disparity. <i>Paleobiology</i> , 2009, 35, 175-189.	2.0	22
79	Before the ice: Biogeography of Antarctic Paleogene molluscan faunas. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 284, 191-226.	2.3	58
80	Is There a Latitudinal Gradient in the Importance of Biotic Interactions?. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2009, 40, 245-269.	8.3	957
81	Generation of Earth's First-Order Biodiversity Pattern. <i>Astrobiology</i> , 2009, 9, 113-124.	3.0	80
82	Geologic and Biologic Controls on the Evolution of Reefs. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2009, 40, 173-192.	8.3	172
83	Signature of the End-Cretaceous Mass Extinction in the Modern Biota. <i>Science</i> , 2009, 323, 767-771.	12.6	71
84	Revisiting Raup: exploring the influence of outcrop area on diversity in light of modern sample-standardization techniques. <i>Paleobiology</i> , 2009, 35, 146-167.	2.0	66
85	Assessing the role of abundance in marine bivalve extinction over the post-Paleozoic. <i>Paleobiology</i> , 2009, 35, 631-647.	2.0	40
86	The Latitudinal Diversity Gradient of Brachiopods over the Past 530 Million Years. <i>Journal of Geology</i> , 2009, 117, 585-594.	1.4	47
87	Phylogenetic Conservatism of Extinctions in Marine Bivalves. <i>Science</i> , 2009, 325, 733-737.	12.6	67
88	The Tropics as Reservoir of Otherwise Extinct Mammals: The Case of Rodents from a New Pliocene Faunal Assemblage from Northern Venezuela. <i>Journal of Mammalian Evolution</i> , 2010, 17, 265-273.	1.8	36
89	One species or at least eight? Delimitation and distribution of <i>Frullania tamarisci</i> (L.) Dumort. s. l. (Jungermanniopsida, Porellales) inferred from nuclear and chloroplast DNA markers. <i>Molecular Phylogenetics and Evolution</i> , 2010, 56, 1105-1114.	2.7	99
90	Origins of marine patterns of biodiversity: some correlates and applications. <i>Palaeontology</i> , 2010, 53, 1203-1210.	2.2	25
91	Integrating ancient patterns and current dynamics of insect-plant interactions: Taxonomic and geographic variation in herbivore specialization. <i>Insect Science</i> , 2010, 17, 471-507.	3.0	58

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92	RAPID SYMPATRY EXPLAINS GREATER COLOR PATTERN DIVERGENCE IN HIGH LATITUDE BIRDS. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, 336-347.	2.3	91
93	EVOLUTIONARY BIOLOGY IN BIODIVERSITY SCIENCE, CONSERVATION, AND POLICY: A CALL TO ACTION. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, 1517-28.	2.3	87
94	EVOLUTIONARY CONSTRAINT AND ECOLOGICAL CONSEQUENCES. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, 1865-1884.	2.3	340
95	Latitude, solar elevation angles and gap-regenerating rain forest pioneers. <i>Journal of Ecology</i> , 2011, 99, 491-502.	4.0	7
96	A young clade repeating an old pattern: diversity in <i>Nothonotus</i> darters (Teleostei: Percidae) endemic to the Cumberland River. <i>Molecular Ecology</i> , 2010, 19, 5030-5042.	3.9	16
97	Low diversity and high host preference of ectomycorrhizal fungi in Western Amazonia, a neotropical biodiversity hotspot. <i>ISME Journal</i> , 2010, 4, 465-471.	9.8	165
98	Global patterns and predictors of marine biodiversity across taxa. <i>Nature</i> , 2010, 466, 1098-1101.	27.8	1,131
99	Multiple environmental determinants of regional species richness and effects of geographic range size. <i>Ecography</i> , 2010, 33, 796-808.	4.5	56
100	Malaria management. <i>Nature Geoscience</i> , 2010, 3, 389-389.	12.9	0
101	Eocene handfishes from Monte Bolca, with description of a new genus and species, and a phylogeny of the family Brachionichthyidae (Teleostei: Lophiiformes). <i>Zoological Journal of the Linnean Society</i> , 2010, 160, 621-647.	2.3	22
102	Dynamic macroecology on ecological time-scales. <i>Global Ecology and Biogeography</i> , 2010, 19, 1-15.	5.8	67
103	Climatic control of dispersal-ecological specialization trade-offs: a metacommunity process at the heart of the latitudinal diversity gradient?. <i>Global Ecology and Biogeography</i> , 2010, 19, 244-252.	5.8	126
104	Energy and the tempo of evolution in amphibians. <i>Global Ecology and Biogeography</i> , 2010, 19, 733-740.	5.8	18
105	Using a Macroecological Approach to Study Geographic Range, Abundance and Body Size in the Fossil Record. <i>The Paleontological Society Papers</i> , 2010, 16, 117-141.	0.6	7
106	The origins of modern biodiversity on land. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 3667-3679.	4.0	126
107	Evolutionary speed limited by water in arid Australia. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 2645-2653.	2.6	41
108	Genus age, provincial area and the taxonomic structure of marine faunas. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 3427-3435.	2.6	21
110	A distinct latitudinal gradient of diatom diversity is linked to resource supply. <i>Ecology</i> , 2010, 91, 36-41.	3.2	53

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111	Quaternary origin of the inverse latitudinal diversity gradient among southern Chilean mollusks. <i>Geology</i> , 2010, 38, 955-958.	4.4	43
112	Reefs as Cradles of Evolution and Sources of Biodiversity in the Phanerozoic. <i>Science</i> , 2010, 327, 196-198.	12.6	151
113	More than just indicators: A review of tropical butterfly ecology and conservation. <i>Biological Conservation</i> , 2010, 143, 1831-1841.	4.1	217
114	Climate stability and the current patterns of terrestrial vertebrate species richness on the Brazilian Cerrado. <i>Quaternary International</i> , 2010, 222, 230-236.	1.5	2
115	A stochastic, evolutionary model for range shifts and richness on tropical elevational gradients under Quaternary glacial cycles. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 3695-3707.	4.0	77
116	Promoting marine origination. <i>Nature Geoscience</i> , 2010, 3, 388-389.	12.9	2
117	Seasonality, the latitudinal gradient of diversity, and Eocene insects. <i>Paleobiology</i> , 2010, 36, 374-398.	2.0	127
118	Rapid diversification and not clade age explains high diversity in neotropical <i>Adelpha</i> butterflies. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 1777-1785.	2.6	59
119	Factors influencing diversification in angiosperms: At the crossroads of intrinsic and extrinsic traits. <i>American Journal of Botany</i> , 2011, 98, 460-471.	1.7	68
120	Aquatic Biodiversity in the Amazon: Habitat Specialization and Geographic Isolation Promote Species Richness. <i>Animals</i> , 2011, 1, 205-241.	2.3	38
121	Ecological and Evolutionary Limits to Species Geographic Ranges. <i>American Naturalist</i> , 2011, 178, S1-S5.	2.1	32
122	The Causes Of Species Richness Patterns Across Space, Time, And Clades And The Role Of "Ecological Limits". <i>Quarterly Review of Biology</i> , 2011, 86, 75-96.	0.1	251
123	Limits to Speciation Inferred from Times to Secondary Sympatry and Ages of Hybridizing Species along a Latitudinal Gradient. <i>American Naturalist</i> , 2011, 177, 462-469.	2.1	140
124	Niche conservatism along an onshore-offshore gradient. <i>Paleobiology</i> , 2011, 37, 270-286.	2.0	35
125	The Antarctic region as a marine biodiversity hotspot for echinoderms: Diversity and diversification of sea cucumbers. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2011, 58, 264-275.	1.4	56
126	The Paleoecology of Coral Reefs. , 2011, , 13-24.		23
127	Pleistocene and Holocene interglacial molluscan assemblages from Patagonian and Bonaerensian littoral (Argentina, SW Atlantic): Palaeobiodiversity and palaeobiogeography. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 308, 277-292.	2.3	38
128	Red Queen: from populations to taxa and communities. <i>Trends in Ecology and Evolution</i> , 2011, 26, 349-358.	8.7	119

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129	Treatise Online, no. 29: Part N, Revised, Volume 1, Chapter 24: Extinction in the marine Bivalvia. Treatise Online, 2011, .	0.6	0
130	A Study on Biodiversity Mechanism by the Creativity Theory of Ecosystem. , 2011, , .		0
131	Global climate and extinction: evidence from the fossil record. , 0, , 99-121.		3
132	Integrating ecology and systematics in climate change research. , 2011, , 3-43.		1
133	An inverse latitudinal gradient of diversity of peracarid crustaceans along the Pacific Coast of South America: out of the deep south. Global Ecology and Biogeography, 2011, 20, 437-448.	5.8	41
134	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
135	Species richness in a tropical biodiversity hotspot. Journal of Biogeography, 2011, 38, 2043-2044.	3.0	7
136	Spatial structure and the effects of host and soil environments on communities of ectomycorrhizal fungi in wooded savannas and rain forests of Continental Africa and Madagascar. Molecular Ecology, 2011, 20, 3071-3080.	3.9	108
137	Ectomycorrhizal fungal diversity and community structure on three co-occurring leguminous canopy tree species in a Neotropical rainforest. New Phytologist, 2011, 192, 699-712.	7.3	133
138	The Lusitania Province as a center of diversification: The phylogeny of the genus Microlipophrys (Pisces: Blenniidae). Molecular Phylogenetics and Evolution, 2011, 58, 409-413.	2.7	14
139	Evolution of the climatic niche in scaly tree ferns (Cyatheaceae, Polypodiopsida). Botanical Journal of the Linnean Society, 2011, 165, 1-19.	1.6	32
140	Thermal niche separation in two sympatric tropical intertidal Laternula (Bivalvia: Anomalodesmata). Journal of Experimental Marine Biology and Ecology, 2011, 405, 68-72.	1.5	13
141	Northward shift in faunal diversity: A general pattern of evolution of phanerozoic marine biota. Biology Bulletin Reviews, 2011, 1, 71-81.	0.9	13
142	A high local species richness and biodiversity within high-latitude calcareous aggregates of tube-building polychaetes. Biodiversity and Conservation, 2011, 20, 793-806.	2.6	9
143	Marine extinctions and conservation. Marine Biology, 2011, 158, 485-488.	1.5	25
144	Diversity of the arctic deep-sea benthos. Marine Biodiversity, 2011, 41, 87-107.	1.0	90
145	Are rates of molecular evolution in mammals substantially accelerated in warmer environments? Reply. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 1294-1297.	2.6	8
146	Natural selection and functional genetic variation in the p53 pathway. Human Molecular Genetics, 2011, 20, 1502-1508.	2.9	23

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147	The influence of past and present climate on the biogeography of modern mammal diversity. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011, 366, 2526-2535.	4.0	60
148	Determinants of Northerly Range Limits along the Himalayan Bird Diversity Gradient. <i>American Naturalist</i> , 2011, 178, S97-S108.	2.1	53
149	Climate change and the selective signature of the Late Ordovician mass extinction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 6829-6834.	7.1	138
150	Evolutionary dynamics of taxonomic structure. <i>Biology Letters</i> , 2012, 8, 135-138.	2.3	20
151	Adaptive evolution of facial colour patterns in Neotropical primates. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 2204-2211.	2.6	93
152	The Impact of the Geologic History and Paleoclimate on the Diversification of East African Cichlids. <i>International Journal of Evolutionary Biology</i> , 2012, 2012, 1-20.	1.0	83
153	Eco-Evolutionary Community Dynamics: Covariation between Diversity and Invasibility across Temperature Gradients. <i>American Naturalist</i> , 2012, 180, E110-E126.	2.1	9
154	Biodiversity hotspots, evolution and coral reef biogeography.. , 2012, , 216-245.		59
155	Niche conservatism and the differences in species richness at the transition of tropical and subtropical climates in South America. <i>Ecography</i> , 2012, 35, 933-943.	4.5	53
156	An asymmetry in niche conservatism contributes to the latitudinal species diversity gradient in New World vertebrates. <i>Ecology Letters</i> , 2012, 15, 1318-1325.	6.4	59
157	Diversity dynamics of echinoderms and evolution of marine communities. <i>Paleontological Journal</i> , 2012, 46, 865-876.	0.5	1
158	Phylogeny, ecology, and the origins of climateâ€“richness relationships. <i>Ecology</i> , 2012, 93, S167-S181.	3.2	71
159	Humanâ€“induced marine ecological degradation: micropaleontological perspectives. <i>Ecology and Evolution</i> , 2012, 2, 3242-3268.	1.9	88
160	Diversity and Evolution of Body Size in Fishes. <i>Evolutionary Biology</i> , 2012, 39, 324-340.	1.1	29
161	Species richness and morphological diversity of passerine birds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 14482-14487.	7.1	119
162	Diversification rates and the latitudinal gradient of diversity in mammals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 4148-4155.	2.6	53
163	Biogeography of species richness gradients: linking adaptive traits, demography and diversification. <i>Biological Reviews</i> , 2012, 87, 457-479.	10.4	39
164	Ecology Needs a Paleontological Perspective. , 2012, , 23-38.		15

#	ARTICLE	IF	CITATIONS
165	Climatic forcing of Quaternary deep-sea benthic communities in the North Pacific Ocean. <i>Paleobiology</i> , 2012, 38, 162-179.	2.0	60
166	The Secret to Successful Deep-Sea Invasion: Does Low Temperature Hold the Key?. <i>PLoS ONE</i> , 2012, 7, e51219.	2.5	26
167	ECOLOGICAL LIMITS ON DIVERSIFICATION OF THE HIMALAYAN CORE CORVOIDEA. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 2599-2613.	2.3	33
168	Multiple Quaternary Refugia in the Eastern Guiana Shield Revealed by Comparative Phylogeography of 12 Frog Species. <i>Systematic Biology</i> , 2012, 61, 461.	5.6	113
169	Species formation and geographical range evolution in a genus of Central American cloud forest salamanders (<i>Dendrotriton</i>). <i>Journal of Biogeography</i> , 2012, 39, 1251-1265.	3.0	23
170	The response of benthic macroinvertebrate communities to climate change: evidence from subtropical mountain streams in Central China. <i>International Review of Hydrobiology</i> , 2012, 97, 200-214.	0.9	21
171	Human macroecology: linking pattern and process in big picture human ecology. <i>Biological Reviews</i> , 2012, 87, 194-208.	10.4	69
172	Understanding global patterns in amphibian geographic range size: does Rapoport rule?. <i>Global Ecology and Biogeography</i> , 2012, 21, 179-190.	5.8	73
173	Can stochastic geographical evolution re-create macroecological richness–environment correlations?. <i>Global Ecology and Biogeography</i> , 2012, 21, 212-223.	5.8	15
174	Phylogeography and binding evolution in <i>Arbacia</i> , a sea urchin genus with an unusual distribution. <i>Molecular Ecology</i> , 2012, 21, 130-144.	3.9	49
175	Testing historical explanations for gradients in species richness in heliconiine butterflies of tropical America. <i>Biological Journal of the Linnean Society</i> , 2012, 105, 479-497.	1.6	85
176	Different evolutionary histories underlie congruent species richness gradients of birds and mammals. <i>Journal of Biogeography</i> , 2012, 39, 825-841.	3.0	84
177	Climatic stability in the Brazilian Cerrado: implications for biogeographical connections of South American savannas, species richness and conservation in a biodiversity hotspot. <i>Journal of Biogeography</i> , 2012, 39, 1695-1706.	3.0	200
178	What's on the horizon for macroecology?. <i>Ecography</i> , 2012, 35, 673-683.	4.5	166
179	What causes latitudinal gradients in species diversity? Evolutionary processes and ecological constraints on swallowtail biodiversity. <i>Ecology Letters</i> , 2012, 15, 267-277.	6.4	222
180	Latitudinal species diversity gradient of marine zooplankton for the last three million years. <i>Ecology Letters</i> , 2012, 15, 1174-1179.	6.4	85
181	Latitudinal mismatches between the components of mammal–flea interaction networks. <i>Global Ecology and Biogeography</i> , 2012, 21, 725-731.	5.8	22
182	A temperate palaeodiversity peak in Mesozoic dinosaurs and evidence for Late Cretaceous geographical partitioning. <i>Global Ecology and Biogeography</i> , 2012, 21, 898-908.	5.8	59

#	ARTICLE	IF	CITATIONS
183	Patterns and processes of global riverine fish endemism. <i>Global Ecology and Biogeography</i> , 2012, 21, 977-987.	5.8	75
184	Exploring the phylogenetic history of mammal species richness. <i>Global Ecology and Biogeography</i> , 2012, 21, 1096-1105.	5.8	39
185	Elevational diversity of terrestrial rainforest herbs: when the whole is less than the sum of its parts. <i>Plant Ecology</i> , 2012, 213, 407-418.	1.6	23
186	Beyond Bergmann's rule: size–latitude relationships in marine Bivalvia worldwide. <i>Global Ecology and Biogeography</i> , 2013, 22, 173-183.	5.8	85
187	Niche conservatism constrains Australian honeyeater assemblages in stressful environments. <i>Ecology Letters</i> , 2013, 16, 1186-1194.	6.4	52
188	Heat freezes niche evolution. <i>Ecology Letters</i> , 2013, 16, 1206-1219.	6.4	708
189	Temperature change and macroinvertebrate biodiversity: assessments of organism vulnerability and potential distributions. <i>Climatic Change</i> , 2013, 119, 421-434.	3.6	39
190	Pollen assemblage richness does not reflect regional plant species richness: a cautionary tale. <i>Journal of Ecology</i> , 2013, 101, 1137-1145.	4.0	51
191	A humped latitudinal phylogenetic diversity pattern of orchid bees (Hymenoptera: Apidae: Euglossini) in western Amazonia: assessing the influence of climate and geologic history. <i>Ecography</i> , 2014, 37, 500-508.	4.5	6
192	Phylogenetic estimates of speciation and extinction rates for testing ecological and evolutionary hypotheses. <i>Trends in Ecology and Evolution</i> , 2013, 28, 729-736.	8.7	101
193	Large-scale phylogenetic analyses reveal the causes of high tropical amphibian diversity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131622.	2.6	228
194	Transitions between Andean and Amazonian centers of endemism in the radiation of some arboreal rodents. <i>BMC Evolutionary Biology</i> , 2013, 13, 191.	3.2	41
195	Energy and spatial order in niche and community. <i>Biological Journal of the Linnean Society</i> , 2013, 110, 696-714.	1.6	6
196	Patterns of North American Fern and Lycophyte Richness at Three Taxonomic Levels. <i>American Fern Journal</i> , 2013, 103, 193-214.	0.3	5
197	High-latitude Hirnantian (latest Ordovician) brachiopods from the Eusebio Ayala Formation of Paraguay, Paraná Basin. <i>Palaeontology</i> , 2013, 56, 61-78.	2.2	21
198	The sampling and estimation of marine paleodiversity patterns: implications of a Pliocene model. <i>Paleobiology</i> , 2013, 39, 1-20.	2.0	32
199	Macroevolutionary perspectives to environmental change. <i>Ecology Letters</i> , 2013, 16, 72-85.	6.4	222
200	Regional effects as important determinants of local diversity in both marine and terrestrial systems. <i>Oikos</i> , 2013, 122, 288-297.	2.7	40

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201	Genetic diversity within vertebrate species is greater at lower latitudes. <i>Evolutionary Ecology</i> , 2013, 27, 133-143.	1.2	53
202	Is regional species diversity bounded or unbounded?. <i>Biological Reviews</i> , 2013, 88, 140-165.	10.4	97
203	Life on a tropical planet: niche conservatism and the global diversity gradient. <i>Global Ecology and Biogeography</i> , 2013, 22, 344-350.	5.8	105
204	The problem of pattern and scale in ecology: what have we learned in 20Âyears?. <i>Ecology Letters</i> , 2013, 16, 4-16.	6.4	336
205	Bivalviaâ€”A Discussion of Known Unknowns*. <i>American Malacological Bulletin</i> , 2013, 31, 123-133.	0.2	29
206	First bryozoan fauna from a tropical Cretaceous carbonate: Simsim Formation, United Arab Emiratesâ€”Oman border region. <i>Cretaceous Research</i> , 2013, 43, 80-96.	1.4	10
207	Stronger biotic resistance in tropics relative to temperate zone: effects of predation on marine invasion dynamics. <i>Ecology</i> , 2013, 94, 1370-1377.	3.2	88
208	Pattern and timing of biogeographical history in the Neotropical tribe Bignoniaceae (Bignoniaceae). <i>Botanical Journal of the Linnean Society</i> , 2013, 171, 154-170.	1.6	78
209	WHAT CAN MULTIPLE PHYLOGENIES SAY ABOUT THE LATITUDINAL DIVERSITY GRADIENT? A NEW LOOK AT THE TROPICAL CONSERVATISM, OUT OF THE TROPICS, AND DIVERSIFICATION RATE HYPOTHESES. <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, 1741-1755.	2.3	101
210	Molecular evolution and the latitudinal biodiversity gradient. <i>Heredity</i> , 2013, 110, 501-510.	2.6	89
211	Biogeography of the Lizard Genus <i>Tropidurus</i> Wied-Neuwied, 1825 (Squamata: Tropiduridae): Distribution, Endemism, and Area Relationships in South America. <i>PLoS ONE</i> , 2013, 8, e59736.	2.5	28
212	TESTING THE MUSEUM VERSUS CRADLE TROPICAL BIOLOGICAL DIVERSITY HYPOTHESIS: PHYLOGENY, DIVERSIFICATION, AND ANCESTRAL BIOGEOGRAPHIC RANGE EVOLUTION OF THE ANTS. <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, 2240-2257.	2.3	290
214	Latitudinal diversity relationships of fiddler crabs: biogeographic differences united by temperature. <i>Global Ecology and Biogeography</i> , 2013, 22, 1050-1059.	5.8	16
215	A macroevolutionary expansion of the modern synthesis and the importance of extrinsic abiotic factors. <i>Palaeontology</i> , 2013, 56, 1179-1198.	2.2	28
216	Diversity in time and space: wanted dead and alive. <i>Trends in Ecology and Evolution</i> , 2013, 28, 509-516.	8.7	128
217	Cenozoic climate change and diversification on the continental shelf and slope: evolution of gastropod diversity in the family Solariellidae (Trochoidea). <i>Ecology and Evolution</i> , 2013, 3, 887-917.	1.9	28
218	Molecular Phylogeny of the Leafy Liverwort <i>Lejeunea</i> (Porellales): Evidence for a Neotropical Origin, Uneven Distribution of Sexual Systems and Insufficient Taxonomy. <i>PLoS ONE</i> , 2013, 8, e82547.	2.5	53
219	The Species-Area Relationship in the Late Ordovician: A Test Using Neutral Theory. <i>Diversity</i> , 2013, 5, 240-262.	1.7	14

#	ARTICLE	IF	CITATIONS
220	Profile of David Jablonski. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 10467-10469.	7.1	2
221	Out of the tropics, but how? Fossils, bridge species, and thermal ranges in the dynamics of the marine latitudinal diversity gradient. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 10487-10494.	7.1	176
222	Latitudinal Diversity of Sea Anemones (Cnidaria: Actiniaria). Biological Bulletin, 2013, 224, 89-98.	1.8	47
223	Treatise Online no. 61: Part N, Revised, Volume 1, Chapter 4: The early shell: Ontogeny, features, and evolution. Treatise Online, 2013, .	0.6	5
224	Evolutionary macroecology. Frontiers of Biogeography, 2013, 5, .	1.8	2
225	ACTN3 Allele Frequency in Humans Covaries with Global Latitudinal Gradient. PLoS ONE, 2013, 8, e52282.	2.5	29
226	Can Yeast (<i>S. cerevisiae</i>) Metabolic Volatiles Provide Polymorphic Signaling?. PLoS ONE, 2013, 8, e70219.	2.5	30
227	Investigating the Bivalve Tree of Life “an exemplar-based approach combining molecular and novel morphological characters. Invertebrate Systematics, 2014, 28, 32.	1.3	198
228	Faster Speciation and Reduced Extinction in the Tropics Contribute to the Mammalian Latitudinal Diversity Gradient. PLoS Biology, 2014, 12, e1001775.	5.6	279
229	On the processes generating latitudinal richness gradients: identifying diagnostic patterns and predictions. Frontiers in Genetics, 2014, 5, 420.	2.3	27
230	Functional trait space and the latitudinal diversity gradient. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 13745-13750.	7.1	319
231	Environmental harshness, latitude and incipient speciation. Molecular Ecology, 2014, 23, 251-253.	3.9	10
232	Differential niche dynamics among major marine invertebrate clades. Ecology Letters, 2014, 17, 314-323.	6.4	34
233	Why are there so many species in the tropics?. Journal of Biogeography, 2014, 41, 8-22.	3.0	608
234	Climate-Driven Reshuffling of Species and Genes: Potential Conservation Roles for Species Translocations and Recombinant Hybrid Genotypes. Insects, 2014, 5, 1-61.	2.2	18
235	Global Distribution and Conservation of Evolutionary Distinctness in Birds. Current Biology, 2014, 24, 919-930.	3.9	441
236	Species richness and evolutionary speed: the influence of temperature, water and area. Journal of Biogeography, 2014, 41, 39-51.	3.0	91
237	Regional-scale patterns and predictors of species richness and abundance across twelve major tropical interreef taxa. Ecography, 2014, 37, 162-171.	4.5	14

#	ARTICLE	IF	CITATIONS
238	The metabolic theory of ecology convincingly explains the latitudinal diversity gradient of Neotropical freshwater fish. <i>Ecology</i> , 2014, 95, 553-562.	3.2	18
239	Species living in harsh environments have low clade rank and are localized on former Laurasian continents: a case study of <i>Willemia</i> (Collembola). <i>Journal of Biogeography</i> , 2014, 41, 353-365.	3.0	3
240	Time rescaling and pattern formation in biological evolution. <i>BioSystems</i> , 2014, 123, 19-26.	2.0	30
241	treeNODF: nestedness to phylogenetic, functional and other tree-based diversity metrics. <i>Methods in Ecology and Evolution</i> , 2014, 5, 563-572.	5.2	27
242	Do past climate states influence diversity dynamics and the present-day latitudinal diversity gradient?. <i>Global Ecology and Biogeography</i> , 2014, 23, 530-540.	5.8	19
243	Environmental harshness is positively correlated with intraspecific divergence in mammals and birds. <i>Molecular Ecology</i> , 2014, 23, 259-268.	3.9	82
244	Diverse cryptic refuges for life during glaciation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 5452-5453.	7.1	23
245	What's missing from avian global diversification analyses?. <i>Molecular Phylogenetics and Evolution</i> , 2014, 77, 159-165.	2.7	26
246	Response of deep-sea biodiversity to abrupt deglacial and Holocene climate changes in the North Atlantic Ocean. <i>Global Ecology and Biogeography</i> , 2014, 23, 957-967.	5.8	47
247	The latitudinal species richness gradient in New World woody angiosperms is consistent with the tropical conservatism hypothesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 8125-8130.	7.1	198
248	Why Marine Islands Are Farther Apart in the Tropics. <i>American Naturalist</i> , 2014, 183, 842-846.	2.1	14
249	Into and out of the tropics: the generation of the latitudinal gradient among New World passerine birds. <i>Journal of Biogeography</i> , 2014, 41, 1746-1757.	3.0	53
250	The latitudinal biodiversity gradient through deep time. <i>Trends in Ecology and Evolution</i> , 2014, 29, 42-50.	8.7	250
251	Ecological and evolutionary consequences of benthic community stasis in the very deep sea (>1500 m). <i>Journal of Biogeography</i> , 2014, 41, 1758-1768.	2.0	8
252	Inferring directions of evolution from patterns of variation: The legacy of Sergei Meyen. <i>BioSystems</i> , 2014, 123, 67-73.	2.0	9
253	Refugia within refugia - patterns in endemism and genetic divergence are linked to Late Quaternary climate stability in the Iberian Peninsula. <i>Biological Journal of the Linnean Society</i> , 2014, 113, 13-28.	1.6	86
254	Warm water benthic foraminifera document the Pennsylvanian-Permian warming and cooling events - The record from the Western Pangea tropical shelves. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 414, 284-295.	2.3	50
255	Global biogeography of the ectomycorrhizal <i>Sebacina</i> lineage (Fungi). <i>Journal of Biogeography</i> , 2014, 41, 4168-4183.	3.9	58

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256	Temperate origins of long-distance seasonal migration in New World songbirds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12115-12120.	7.1	85
257	The environmental structure of trilobite morphological disparity. <i>Paleobiology</i> , 2014, 40, 352-373.	2.0	29
258	A test for community saturation along the Himalayan bird diversity gradient, based on within-species geographical variation. <i>Journal of Animal Ecology</i> , 2014, 83, 628-638.	2.8	24
259	Morphological diversity at different spatial scales in a Neotropical bat assemblage. <i>Oecologia</i> , 2014, 176, 557-568.	2.0	10
260	Evolution at a Different Pace: Distinctive Phylogenetic Patterns of Cone Snails from Two Ancient Oceanic Archipelagos. <i>Systematic Biology</i> , 2014, 63, 971-987.	5.6	14
261	Temperate extinction in squamate reptiles and the roots of latitudinal diversity gradients. <i>Global Ecology and Biogeography</i> , 2014, 23, 1126-1134.	5.8	56
262	Explaining bathymetric diversity patterns in marine benthic invertebrates and demersal fishes: physiological contributions to adaptation of life at depth. <i>Biological Reviews</i> , 2014, 89, 406-426.	10.4	119
263	Historical biogeography of the neotropical Diaptomidae (Crustacea: Copepoda). <i>Frontiers in Zoology</i> , 2014, 11, 36.	2.0	19
264	Global paleobiogeography of brachiopods during the Mississippian Response to the global tectonic reconfiguration, ocean circulation, and climate changes. <i>Gondwana Research</i> , 2014, 26, 1173-1185.	6.0	40
265	Environmental controls on geographic range size in marine animal genera. <i>Paleobiology</i> , 2014, 40, 440-458.	2.0	26
266	THE ROLE OF CLIMATIC TOLERANCES AND SEED TRAITS IN REDUCED EXTINCTION RATES OF TEMPERATE POLYGONACEAE. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 1856-1870.	2.3	9
267	A Machine Reading System for Assembling Synthetic Paleontological Databases. <i>PLoS ONE</i> , 2014, 9, e113523.	2.5	75
268	Modeling evolution of spatially distributed bacterial communities: a simulation with the haploid evolutionary constructor. <i>BMC Evolutionary Biology</i> , 2015, 15, S3.	3.2	9
269	Dispersal is a major driver of the latitudinal diversity gradient of Carnivora. <i>Global Ecology and Biogeography</i> , 2015, 24, 1059-1071.	5.8	46
270	Phylogenetic patterns in the geographic distributions of birds support the tropical conservatism hypothesis. <i>Global Ecology and Biogeography</i> , 2015, 24, 1261-1268.	5.8	27
271	The history of South American octodontoid rodents and its contribution to evolutionary generalisations. , 2015, , 139-163.		15
272	Emerging patterns of genetic variation in the New Zealand endemic scallop <i>Pecten novaezelandiae</i> . <i>Molecular Ecology</i> , 2015, 24, 5379-5393.	3.9	13
273	Connectivity and vagility determine spatial richness gradients and diversification of freshwater fish in North America and Europe. <i>Biological Journal of the Linnean Society</i> , 2015, 116, 773-786.	1.6	31

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274	Geographic patterns of diversification and the latitudinal gradient of richness of rocky intertidal gastropods: the “into the tropical museum” hypothesis. <i>Global Ecology and Biogeography</i> , 2015, 24, 1149-1158.	5.8	19
275	The age of chocolate: a diversification history of <i>Theobroma</i> and Malvaceae. <i>Frontiers in Ecology and Evolution</i> , 2015, 3, .	2.2	48
276	Living on the edge: timing of Rand Flora disjunctions congruent with ongoing aridification in Africa. <i>Frontiers in Genetics</i> , 2015, 6, 154.	2.3	90
277	Characterising sediments of a tropical sediment-starved shelf using cluster analysis of physical and geochemical variables. <i>Environmental Chemistry</i> , 2015, 12, 204.	1.5	7
278	Limited scope for latitudinal extension of reef corals. <i>Science</i> , 2015, 348, 1135-1138.	12.6	147
279	Do lichens show latitudinal patterns of diversity?. <i>Fungal Ecology</i> , 2015, 15, 63-72.	1.6	9
280	Oligocene niche shift, Miocene diversification “ cold tolerance and accelerated speciation rates in the St. John’s Worts (<i>Hypericum</i> , Hypericaceae). <i>BMC Evolutionary Biology</i> , 2015, 15, 80.	3.2	56
281	Diversification and biodiversity dynamics of hot and cold spots. <i>Ecography</i> , 2015, 38, 393-401.	4.5	8
282	Do turtles follow the rules? Latitudinal gradients in species richness, body size, and geographic range area of the world’s turtles. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2015, 324, 270-294.	1.3	61
283	Aragonite-calcite seas “Quantifying the gray area. <i>Geology</i> , 2015, 43, 99-102.	4.4	96
284	Origins, bottlenecks, and present-day diversity: Patterns of morphospace occupation in marine bivalves. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 735-746.	2.3	17
285	Origination, extinction, invasion, and extirpation components of the brachiopod latitudinal biodiversity gradient through the Phanerozoic Eon. <i>Paleobiology</i> , 2015, 41, 330-341.	2.0	24
286	Biogeography of Triassic Ammonoids. <i>Topics in Geobiology</i> , 2015, , 163-187.	0.5	10
287	Convergence, divergence, and parallelism in marine biodiversity trends: Integrating present-day and fossil data. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 4903-4908.	7.1	20
288	Molecular phylogenetics and historical biogeography amid shifting continents in the cockles and giant clams (<i>Bivalvia</i> : <i>Cardiidae</i>). <i>Molecular Phylogenetics and Evolution</i> , 2015, 93, 94-106.	2.7	35
289	Identification guide to some Diaptomid species (<i>Crustacea</i> , <i>Copepoda</i> , <i>Calanoida</i> , <i>Diaptomidae</i>) of “ede la Plata “River Basin (South America). <i>ZooKeys</i> , 2015, 497, 1-111.	1.1	21
290	A twofold role for global energy gradients in marine biodiversity trends. <i>Journal of Biogeography</i> , 2015, 42, 997-1005.	3.0	53
291	Higher speciation and lower extinction rates influence mammal diversity gradients in Asia. <i>BMC Evolutionary Biology</i> , 2015, 15, 11.	3.2	20

#	ARTICLE	IF	CITATIONS
292	Cenozoic latitudinal response curves: individualistic changes in the latitudinal distributions of marine bivalves and gastropods. <i>Paleobiology</i> , 2015, 41, 33-44.	2.0	1
293	An engine for global plant diversity: highest evolutionary turnover and emigration in the American tropics. <i>Frontiers in Genetics</i> , 2015, 6, 130.	2.3	77
294	A test of the integrated evolutionary speed hypothesis in a Neotropical amphibian radiation. <i>Global Ecology and Biogeography</i> , 2015, 24, 804-813.	5.8	10
295	Fighting their last stand? A global analysis of the distribution and conservation status of gymnosperms. <i>Journal of Biogeography</i> , 2015, 42, 809-820.	3.0	81
296	Historical Biogeography Using Species Geographical Ranges. <i>Systematic Biology</i> , 2015, 64, 1059-1073.	5.6	46
297	Ecological and Evolutionary Drivers of Geographic Variation in Species Diversity. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2015, 46, 369-392.	8.3	328
298	First insights into genus level diversity and biogeography of deep sea benthopelagic calanoid copepods in the South Atlantic and Southern Ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 105, 96-110.	1.4	8
299	A Unique Trait Associated with Increased Diversification in a Hyperdiverse Family of Tropical Lichen-Forming Fungi. <i>International Journal of Plant Sciences</i> , 2015, 176, 597-606.	1.3	8
302	Biogeography of the cosmopolitan sedges (Cyperaceae) and the area- richness correlation in plants. <i>Journal of Biogeography</i> , 2016, 43, 1893-1904.	3.0	79
303	Niche width impacts vertebrate diversification. <i>Global Ecology and Biogeography</i> , 2016, 25, 1252-1263.	5.8	55
304	Biogeography of small odontocetes in relation to wide-scale oceanographic structure in the North Pacific Ocean. <i>Fisheries Oceanography</i> , 2016, 25, 119-132.	1.7	15
305	Do tropical rain forest soils have greater nematode diversity than High Arctic tundra? A metagenetic comparison of Malaysia and Svalbard. <i>Global Ecology and Biogeography</i> , 2016, 25, 716-728.	5.8	41
306	Habitat shifts shaping the diversity of a biodiversity hotspot through time: insights from the phylogenetic structure of Caesalpinioideae in the Brazilian Cerrado. <i>Journal of Biogeography</i> , 2016, 43, 340-350.	3.0	39
307	Time best explains global variation in species richness of amphibians, birds and mammals. <i>Journal of Biogeography</i> , 2016, 43, 1069-1079.	3.0	49
308	Latitudinal gradient in niche breadth of brachyuran crabs. <i>Global Ecology and Biogeography</i> , 2016, 25, 207-217.	5.8	20
309	A neutral-metabolic theory of latitudinal biodiversity. <i>Global Ecology and Biogeography</i> , 2016, 25, 630-641.	5.8	32
310	Can people change the ecological rules that appear general across space?. <i>Global Ecology and Biogeography</i> , 2016, 25, 1072-1084.	5.8	18
311	Soil microorganisms behave like macroscopic organisms: patterns in the global distribution of soil euglyphid testate amoebae. <i>Journal of Biogeography</i> , 2016, 43, 520-532.	3.0	43

#	ARTICLE	IF	CITATIONS
313	Multi-scale taxonomic diversity of marine harpacticoids: Does it differ at high and low latitudes?. Marine Biology, 2016, 163, 1.	1.5	7
314	The impact of Cenozoic cooling on assemblage diversity in planktonic foraminifera. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150224.	4.0	34
315	Invasion by alligator weed, <i>Alternanthera philoxeroides</i> , is associated with decreased species diversity across the latitudinal gradient in China. Journal of Plant Ecology, 2016, 9, 311-319.	2.3	29
316	A phylogeny of Cephaloziaceae (Jungermanniopsida) based on nuclear and chloroplast DNA markers. Organisms Diversity and Evolution, 2016, 16, 727-742.	1.6	18
317	Exploring the role of economic incentives and spillover effects in biodiversity conservation policies in sub-Saharan Africa. Ecological Economics, 2016, 127, 185-191.	5.7	13
318	Phenotypic Novelty in EvoDevo: The Distinction Between Continuous and Discontinuous Variation and Its Importance in Evolutionary Theory. Evolutionary Biology, 2016, 43, 314-335.	1.1	31
319	Lifespan, growth rate, and body size across latitude in marine Bivalvia, with implications for Phanerozoic evolution. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20161364.	2.6	65
320	Out of the Tropical Lowlands: Latitude versus Elevation. Trends in Ecology and Evolution, 2016, 31, 738-741.	8.7	54
321	A General, Synthetic Model for Predicting Biodiversity Gradients from Environmental Geometry. American Naturalist, 2016, 188, E85-E97.	2.1	5
322	Evolutionary processes underlying latitudinal differences in reef fish biodiversity. Global Ecology and Biogeography, 2016, 25, 1466-1476.	5.8	38
324	Latitudinal trends in genus richness of vascular plants in the Eocene and Oligocene of North America. Plant Diversity, 2016, 38, 133-141.	3.7	4
325	Elevational diversity patterns as an example for evolutionary and ecological dynamics in ferns and lycophytes. Journal of Systematics and Evolution, 2016, 54, 617-625.	3.1	21
326	On the measurement of occupancy in ecology and paleontology. Paleobiology, 2016, 42, 707-729.	2.0	14
327	Phylogenetic niche conservatism explains an inverse latitudinal diversity gradient in freshwater arthropods. Scientific Reports, 2016, 6, 26340.	3.3	44
328	Evolutionary dispersal drives the latitudinal diversity gradient of stony corals. Ecography, 2016, 39, 836-843.	4.5	7
329	Into and out of the tropics: global diversification patterns in a hyperdiverse clade of ectomycorrhizal fungi. Molecular Ecology, 2016, 25, 630-647.	3.9	108
330	Temperature impacts on deep-sea biodiversity. Biological Reviews, 2016, 91, 275-287.	10.4	113
331	Insights into the Neotropics prior to the Great American Biotic Interchange: new evidence of mammalian predators from the Miocene of Northern Colombia. Journal of Vertebrate Paleontology, 2016, 36, e1029581.	1.0	23

#	ARTICLE	IF	CITATIONS
332	Speciation, Ecological Opportunity, and Latitude. <i>American Naturalist</i> , 2016, 187, 1-18.	2.1	132
333	The challenges to inferring the regulators of biodiversity in deep time. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150216.	4.0	29
334	Global brachiopod palaeobiogeographical evolution from Changhsingian (Late Permian) to Rhaetian (Late Triassic). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 448, 4-25.	2.3	38
335	Contrasting Phylogenetic and Diversity Patterns in Octodontoid Rodents and a New Definition of the Family Abrocomidae. <i>Journal of Mammalian Evolution</i> , 2016, 23, 93-115.	1.8	50
336	Tropical Fossil Caviomorph Rodents from the Southwestern Brazilian Amazonia in the Context of the South American Faunas: Systematics, Biochronology, and Paleobiogeography. <i>Journal of Mammalian Evolution</i> , 2017, 24, 57-70.	1.8	45
337	Spatial patterns of distribution, abundance, and species diversity of small odontocetes estimated using density surface modeling with line transect sampling. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 140, 151-162.	1.4	21
338	Seasonal drought limits tree species across the Neotropics. <i>Ecography</i> , 2017, 40, 618-629.	4.5	143
339	Geographical patterns of phylogenetic beta-diversity components in terrestrial mammals. <i>Global Ecology and Biogeography</i> , 2017, 26, 573-583.	5.8	39
340	Evolution of Thermal Reaction Norms in Seasonally Varying Environments. <i>American Naturalist</i> , 2017, 189, E31-E45.	2.1	25
341	The biogeography of tropical reef fishes: endemism and provinciality through time. <i>Biological Reviews</i> , 2017, 92, 2112-2130.	10.4	91
342	Asymmetric geographic range expansion explains the latitudinal diversity gradients of four major taxa of marine plankton. <i>Paleobiology</i> , 2017, 43, 196-208.	2.0	19
343	Species diversity and environmental determinants of aquatic and terrestrial communities invaded by <i>Alternanthera philoxeroides</i> . <i>Science of the Total Environment</i> , 2017, 581-582, 666-675.	8.0	33
345	A day-flashing <i>Photinus</i> firefly (Coleoptera: Lampyridae) from central Panamá: an emergent shift to predator-free space?. <i>Insect Systematics and Evolution</i> , 2017, 48, 512-531.	0.7	7
346	Diversity of Diversities: A Response to Chaudhary, Saeedi, and Costello. <i>Trends in Ecology and Evolution</i> , 2017, 32, 232-234.	8.7	12
347	Shaping the Latitudinal Diversity Gradient: New Perspectives from a Synthesis of Paleobiology and Biogeography. <i>American Naturalist</i> , 2017, 189, 1-12.	2.1	106
348	Fungal-algal association patterns in lichen symbiosis linked to macroclimate. <i>New Phytologist</i> , 2017, 214, 317-329.	7.3	72
349	Using network analysis to trace the evolution of biogeography through geologic time: A case study. <i>Geology</i> , 2017, , G38877.1.	4.4	6
350	Approaches to Macroevolution: 1. General Concepts and Origin of Variation. <i>Evolutionary Biology</i> , 2017, 44, 427-450.	1.1	84

#	ARTICLE	IF	CITATIONS
351	A Phylogenetic, Biogeographic, and Taxonomic study of all Extant Species of Anolis (Squamata); Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7	5.6	119
352	Phylogeny and biogeography of the scaleless scale worm <i>Pisione</i> (Sigalionidae, Annelida). Ecology and Evolution, 2017, 7, 2894-2915.	1.9	6
353	Can latitudinal richness gradients be measured in the terrestrial fossil record?. Paleobiology, 2017, 43, 479-494.	2.0	14
354	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
355	Late Permian (Lopingian) terrestrial ecosystems: A global comparison with new data from the low-latitude Bletterbach Biota. Earth-Science Reviews, 2017, 175, 18-43.	9.1	59
356	Genetic diversification of intertidal gastropoda in an archipelago: the effects of islands, oceanic currents, and ecology. Marine Biology, 2017, 164, 1.	1.5	22
357	Temporal coexistence mechanisms contribute to the latitudinal gradient in forest diversity. Nature, 2017, 550, 105-108.	27.8	106
358	How bird clades diversify in response to climatic and geographic factors. Ecology Letters, 2017, 20, 1129-1139.	6.4	2
359	Phylogenetic age differences in tree assemblages across the Northern Hemisphere increase with long-term climate stability in unstable regions. Global Ecology and Biogeography, 2017, 26, 1035-1042.	5.8	13
360	Magnetostratigraphy of the Upper Jurassic Morrison Formation at Dinosaur National Monument, Utah, and Prospects for Using Magnetostratigraphy as a Correlative Tool in the Morrison Formation. , 2017, , 279-302.		4
361	Cradles and museums of Antarctic teleost biodiversity. Nature Ecology and Evolution, 2017, 1, 1379-1384.	7.8	44
362	Biotic interchange has structured Western Hemisphere mammal communities. Global Ecology and Biogeography, 2017, 26, 1408-1422.	5.8	9
363	The latitudinal diversity gradient in New World swallowtail butterflies is caused by contrasting patterns of out-of-tropics and into-tropics dispersal. Global Ecology and Biogeography, 2017, 26, 1447-1458.	5.8	24
364	Origin and Evolution of Regional Biotas: A Deep-Time Perspective. Annual Review of Earth and Planetary Sciences, 2017, 45, 471-495.	11.0	15
365	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
366	Novel soil-inhabiting clades fill gaps in the fungal tree of life. Microbiome, 2017, 5, 42.	11.1	152
367	Decoupling of latitudinal gradients in species and genus geographic range size: a signature of clade range expansion. Global Ecology and Biogeography, 2017, 26, 288-303.	5.8	21
368	Bimodal latitudinal species richness and high endemism of razor clams (Mollusca). Journal of Biogeography, 2017, 44, 592-604.	3.0	42

#	ARTICLE	IF	CITATIONS
369	Early and dynamic colonization of Central America drives speciation in Neotropical army ants. <i>Molecular Ecology</i> , 2017, 26, 859-870.	3.9	48
370	Age estimates of <i>Frullania</i> (Frullaniaceae, Porellales) main lineages: another example of rapid and recent diversification in liverwort evolution. <i>Systematics and Biodiversity</i> , 2017, 15, 156-165.	1.2	13
371	Does the colonization of new biogeographic regions influence the diversification and accumulation of clade richness among the Corvidae (Aves: Passeriformes)? <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 38-50.	2.3	28
372	Realized climatic niches are conserved along maximum temperatures among herpetofaunal invaders. <i>Journal of Biogeography</i> , 2017, 44, 111-121.	3.0	28
373	Latitudinal Gradients of Biodiversity $\hat{\pi}$. , 2017, , .		0
374	A latitudinal phylogeographic diversity gradient in birds. <i>PLoS Biology</i> , 2017, 15, e2001073.	5.6	52
375	A new <i>Mourasuchus</i> (Alligatoroidea, Caimaninae) from the late Miocene of Venezuela, the phylogeny of Caimaninae and considerations on the feeding habits of <i>Mourasuchus</i> . <i>PeerJ</i> , 2017, 5, e3056.	2.0	27
377	Ecology I. Developments in Aquaculture and Fisheries Science, 2017, , 89-138.	1.3	2
378	A latitudinal gradient in dimensionality of biodiversity. <i>Ecography</i> , 2018, 41, 2016-2026.	4.5	19
379	Macroevolutionary Patterns of Flowering Plant Speciation and Extinction. <i>Annual Review of Plant Biology</i> , 2018, 69, 685-706.	18.7	60
380	Marine invertebrate migrations trace climate change over 450 million years. <i>Global Ecology and Biogeography</i> , 2018, 27, 704-713.	5.8	24
381	Key stages in the evolution of the Antarctic marine fauna. <i>Journal of Biogeography</i> , 2018, 45, 986-994.	3.0	39
382	Drivers and constraints on floral latitudinal diversification gradients. <i>Journal of Biogeography</i> , 2018, 45, 1408-1419.	3.0	10
383	Elevational patterns and ecological determinants of mean family age of angiosperm assemblages in temperate forests within Mount Taibai, China. <i>Journal of Plant Ecology</i> , 2018, 11, 919-927.	2.3	3
384	Detecting diversification rates in relation to preservation and tectonic history from simulated fossil records. <i>Paleobiology</i> , 2018, 44, 1-24.	2.0	20
385	Left in the cold? Evolutionary origin of <i>Laternula elliptica</i> , a keystone bivalve species of Antarctic benthos. <i>Biological Journal of the Linnean Society</i> , 2018, 123, 360-376.	1.6	6
386	Cryptic species as a window into the paradigm shift of the species concept. <i>Molecular Ecology</i> , 2018, 27, 613-635.	3.9	374
387	Geographical range size and latitude predict population genetic structure in a global survey. <i>Biology Letters</i> , 2018, 14, 20170566.	2.3	50

#	ARTICLE	IF	CITATIONS
388	Evolutionary time drives global tetrapod diversity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20172378.	2.6	32
389	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.	1.6	16
390	Contrasting responses of functional diversity to major losses in taxonomic diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 732-737.	7.1	49
391	Ecological Expansion and Extinction in the Late Ediacaran: Weighing the Evidence for Environmental and Biotic Drivers. <i>Integrative and Comparative Biology</i> , 2018, 58, 688-702.	2.0	40
392	Key questions and challenges in angiosperm macroevolution. <i>New Phytologist</i> , 2018, 219, 1170-1187.	7.3	97
393	Locating neighbourhood diversity in the American metropolis. <i>Urban Studies</i> , 2018, 55, 116-132.	3.7	18
394	Toward a theory for diversity gradients: the abundance–adaptation hypothesis. <i>Ecography</i> , 2018, 41, 255-264.	4.5	36
395	Ecological revolution of Oklahoma's rhynchonelliform brachiopod fauna during the Great Ordovician Biodiversification Event. <i>Lethaia</i> , 2018, 51, 277-285.	1.4	8
396	The origin and evolution of coral species richness in a marine biodiversity hotspot*. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 288-302.	2.3	48
397	Global change impacts on large-scale biogeographic patterns of marine organisms on Atlantic oceanic islands. <i>Marine Pollution Bulletin</i> , 2018, 126, 101-112.	5.0	36
398	Changes in the latitudinal diversity gradient during the Great Ordovician Biodiversification Event. <i>Geology</i> , 2018, 46, 127-130.	4.4	26
400	The latitudinal diversity gradient of epiphytic lichens in the Brazilian Atlantic Forest: does Rapoport's rule apply?. <i>Bryologist</i> , 2018, 121, 480.	0.6	11
401	Subterranean Biodiversity Patterns from Global to Regional Scales. <i>Ecological Studies</i> , 2018, , 195-227.	1.2	23
402	A hidden cradle of plant evolution in Permian tropical lowlands. <i>Science</i> , 2018, 362, 1414-1416.	12.6	61
403	Direct and indirect effects of climate on richness drive the latitudinal diversity gradient in forest trees. <i>Ecology Letters</i> , 2019, 22, 245-255.	6.4	92
404	Global geographic patterns in the colours and sizes of animal-dispersed fruits. <i>Global Ecology and Biogeography</i> , 2018, 27, 1339-1351.	5.8	36
405	The stability of coastal benthic biogeography over the last 10 million years. <i>Global Ecology and Biogeography</i> , 2018, 27, 1106-1120.	5.8	13
406	Glaciation-based isolation contributed to speciation in a Palearctic alpine biodiversity hotspot: Evidence from endemic species. <i>Molecular Phylogenetics and Evolution</i> , 2018, 129, 315-324.	2.7	22

#	ARTICLE	IF	CITATIONS
407	Precaspian Isthmus emergence triggered the Early Sakmarian glaciation: Evidence from the Lower Permian of the Urals, Russia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 511, 403-418.	2.3	5
408	Habitat is more important than climate and animal richness at shaping latitudinal variation in plant diversity in China. <i>Biodiversity and Conservation</i> , 2018, 27, 3679-3691.	2.6	5
409	Where on Earth are the "tropics"? <i>Frontiers of Biogeography</i> , 2018, 10, .	1.8	19
410	Latitudinal Gradients of Biodiversity: Theory and Empirical Patterns. , 2018, , 13-19.		37
411	An inverse latitudinal gradient in speciation rate for marine fishes. <i>Nature</i> , 2018, 559, 392-395.	27.8	579
412	Pleistocene marine fish invasions and paleoenvironmental reconstructions in the eastern Mediterranean. <i>Quaternary Science Reviews</i> , 2018, 196, 80-99.	3.0	23
413	The future of hyperdiverse tropical ecosystems. <i>Nature</i> , 2018, 559, 517-526.	27.8	452
414	Polar Regions of the Mesozoicâ€“Paleogene Greenhouse World as Refugia for Relict Plant Groups. , 2018, , 593-611.		17
415	Modeling the ecology and evolution of biodiversity: Biogeographical cradles, museums, and graves. <i>Science</i> , 2018, 361, .	12.6	260
416	Roles of climate niche conservatism and range dynamics in woody plant diversity patterns through the Cenozoic. <i>Global Ecology and Biogeography</i> , 2018, 27, 865-874.	5.8	21
417	To what extents are species richness and abundance of reef fishes along a tropical coast related to latitude and other factors?. <i>Continental Shelf Research</i> , 2018, 167, 99-110.	1.8	7
418	OBSOLETE: Latitudinal Gradients of Biodiversity: Theory and Empirical Patterns. , 2018, , .		2
419	Intermittent development of forest corridors in northeastern Brazil during the last deglaciation: Climatic and ecologic evidence. <i>Quaternary Science Reviews</i> , 2018, 192, 86-96.	3.0	26
420	Wilkes Land Late Pleistocene diatom age model: From bio-events to quantitative biostratigraphy. <i>Revue De Micropaleontologie</i> , 2018, 61, 81-96.	0.4	3
421	The spatial structure of phylogenetic and functional diversity in the United States and Canada: An example using the sedge family (Cyperaceae). <i>Journal of Systematics and Evolution</i> , 2018, 56, 449-465.	3.1	31
422	Marine biodiversity and the chessboard of life. <i>PLoS ONE</i> , 2018, 13, e0194006.	2.5	18
423	From the High Arctic to the Equator: Do Soil Metagenomes Differ According to Our Expectations?. <i>Microbial Ecology</i> , 2019, 77, 168-185.	2.8	8
424	Latitudinalâ€“diversity gradients can be shaped by biotic processes: new insights from an ecoâ€“evolutionary model. <i>Ecography</i> , 2019, 42, 259-271.	4.5	8

#	ARTICLE	IF	CITATIONS
425	Biogeochemical controls on black shale deposition during the Frasnian-Famennian biotic crisis in the Illinois and Appalachian Basins, USA, inferred from stable isotopes of nitrogen and carbon. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 531, 108787.	2.3	15
426	Contrasting patterns of diversification in a bird family (Aves: Gruiformes: Rallidae) are revealed by analysis of geospatial distribution of species and phylogenetic diversity. <i>Ecography</i> , 2019, 42, 500-510.	4.5	11
427	Distribution and relative age of endemism across islands worldwide. <i>Scientific Reports</i> , 2019, 9, 11693.	3.3	36
428	Cope's Rule in a modular organism: Directional evolution without an overarching macroevolutionary trend. <i>Evolution; International Journal of Organic Evolution</i> , 2019, 73, 1863-1872.	2.3	15
429	Latitudinal and bathymetrical species richness patterns in the NW Pacific and adjacent Arctic Ocean. <i>Scientific Reports</i> , 2019, 9, 9303.	3.3	27
430	Accumulation over evolutionary time as a major cause of biodiversity hotspots in conifers. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191887.	2.6	23
431	Global diversity patterns are modulated by temporal fluctuations in primary productivity. <i>Global Ecology and Biogeography</i> , 2019, 28, 1827-1838.	5.8	12
432	Latitudinal gradient of cyanobacterial diversity in tidal flats. <i>PLoS ONE</i> , 2019, 14, e0224444.	2.5	4
433	Fine-Scale Plant Richness Mapping of the Andean Páramo According to Macroclimate. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	2.2	12
434	Exploring rain forest diversification using demographic model testing in the African foam-nest treefrog <i>Chiromantis rufescens</i> . <i>Journal of Biogeography</i> , 2019, 46, 2706-2721.	3.0	28
435	Benthic habitats do show a significant latitudinal diversity gradient: A comment on Kinlock et al. (2018). <i>Global Ecology and Biogeography</i> , 2019, 28, 1712-1717.	5.8	11
436	Spatio-temporal climate change contributes to latitudinal diversity gradients. <i>Nature Ecology and Evolution</i> , 2019, 3, 1419-1429.	7.8	67
437	Ecological constraints coupled with deep-time habitat dynamics predict the latitudinal diversity gradient in reef fishes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191506.	2.6	17
438	Endemicity and community composition of marine species along the NW Pacific and the adjacent Arctic Ocean. <i>Progress in Oceanography</i> , 2019, 178, 102199.	3.2	10
439	Contrasting processes drive ophiuroid phylodiversity across shallow and deep seafloors. <i>Nature</i> , 2019, 565, 636-639.	27.8	48
440	Gradients of mammalian biodiversity through space and time. <i>Journal of Mammalogy</i> , 2019, 100, 1069-1086.	1.3	18
441	The influence of historical dispersal on the phylogenetic structure of tree communities in the tropical Andes. <i>Biotropica</i> , 2019, 51, 500-508.	1.6	15
442	Ecogeographical rules and the macroecology of food webs. <i>Global Ecology and Biogeography</i> , 2019, 28, 1204-1218.	5.8	34

#	ARTICLE	IF	CITATIONS
443	Exceptional preservation of mid-Cretaceous marine arthropods and the evolution of novel forms via heterochrony. <i>Science Advances</i> , 2019, 5, eaav3875.	10.3	31
444	Understanding ecological change across large spatial, temporal and taxonomic scales: integrating data and methods in light of theory. <i>Ecography</i> , 2019, 42, 1247-1266.	4.5	38
445	Latitudinal variation in mycorrhizal diversity associated with a European orchid. <i>Journal of Biogeography</i> , 2019, 46, 968-980.	3.0	28
446	Different degrees of water-related stress affect evolutionary diversity in a seasonally dry biome. <i>Oecologia</i> , 2019, 189, 795-802.	2.0	10
447	Multiple macroevolutionary routes to becoming a biodiversity hotspot. <i>Science Advances</i> , 2019, 5, eaau8067.	10.3	17
448	Phylogenetic diversity in the Western Ghats biodiversity hotspot reflects environmental filtering and past niche diversification of trees. <i>Journal of Biogeography</i> , 2019, 46, 145-157.	3.0	25
449	Evolution of the latitudinal diversity gradient in the hyperdiverse ant genus <i>Pheidole</i> . <i>Global Ecology and Biogeography</i> , 2019, 28, 456-470.	5.8	29
450	Underestimated and cryptic diversification patterns across Afro-tropical lowland forests. <i>Journal of Biogeography</i> , 2019, 46, 381-391.	3.0	22
451	Drivers of Phylogenetic Assemblage Structure of the Furnariides, a Widespread Clade of Lowland Neotropical Birds. <i>American Naturalist</i> , 2019, 193, E41-E56.	2.1	10
452	Influence of regional environment in guiding the spatial distribution of marine bivalves along the Indian coast. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2019, 99, 163-177.	0.8	8
453	Did the evolution of the phytoplankton fuel the diversification of the marine biosphere?. <i>Lethaia</i> , 2020, 53, 5-31.	1.4	26
454	Historical biogeography of the widespread macroalga <i>Sargassum</i> (Fucales, Phaeophyceae). <i>Journal of Phycology</i> , 2020, 56, 300-309.	2.3	31
455	A 450 million years long latitudinal gradient in age-dependent extinction. <i>Ecology Letters</i> , 2020, 23, 439-446.	6.4	15
456	Large scale patterns of trematode parasite communities infecting <i>Cerastoderma edule</i> along the Atlantic coast from Portugal to Morocco. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 233, 106546.	2.1	8
457	Estimating Diversification Rates on Incompletely Sampled Phylogenies: Theoretical Concerns and Practical Solutions. <i>Systematic Biology</i> , 2020, 69, 602-611.	5.6	66
458	A deep-time perspective on the latitudinal diversity gradient. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 17479-17481.	7.1	8
459	Determinants of Delphacidae richness and endemism in China. <i>Ecological Entomology</i> , 2020, 45, 1396-1407.	2.2	10
460	Global biodiversity and biogeography of mangrove crabs: Temperature, the key driver of latitudinal gradients of species richness. <i>Journal of Thermal Biology</i> , 2020, 92, 102692.	2.5	16

#	ARTICLE	IF	CITATIONS
461	Modeling colonization rates over time: Generating null models and testing model adequacy in phylogenetic analyses of species assemblages*. <i>Evolution; International Journal of Organic Evolution</i> , 2020, 74, 2605-2616.	2.3	8
462	The evolution of a tropical biodiversity hotspot. <i>Science</i> , 2020, 370, 1343-1348.	12.6	179
463	Large-scale metabarcoding analysis of epipelagic and mesopelagic copepods in the Pacific. <i>PLoS ONE</i> , 2020, 15, e0233189.	2.5	23
464	Warmer temperatures enhance beneficial mutation effects. <i>Journal of Evolutionary Biology</i> , 2020, 33, 1020-1027.	1.7	9
465	Diversification rate vs. diversification density: Decoupled consequences of plant height for diversification of Aloioideae in time and space. <i>PLoS ONE</i> , 2020, 15, e0233597.	2.5	10
466	Latitudinal patterns of species diversity on South American rocky shores: Local processes lead to contrasting trends in regional and local species diversity. <i>Journal of Biogeography</i> , 2020, 47, 1966-1979.	3.0	26
467	Transgressing Wallace's Line brings hyperdiverse weevils down to earth. <i>Ecography</i> , 2020, 43, 1329-1340.	4.5	11
468	A quantitative analysis of calcareous nannofossils across a late oligocene paleolatitudinal transect of the North Atlantic Ocean. <i>Marine Micropaleontology</i> , 2020, 158, 101892.	1.2	4
469	Geological control on dinosaurs' rise to dominance: Late Triassic ecosystem stress by relative sea level change. <i>Terra Nova</i> , 2020, 32, 434-441.	2.1	7
470	The mathematical influence on global patterns of biodiversity. <i>Ecology and Evolution</i> , 2020, 10, 6494-6511.	1.9	12
471	The role of the Neotropics as a source of world tetrapod biodiversity. <i>Global Ecology and Biogeography</i> , 2020, 29, 1565-1578.	5.8	15
472	A comparison of latitudinal species diversity patterns between riverine and terrestrial earthworms from the North American temperate zone. <i>Journal of Biogeography</i> , 2020, 47, 1373-1382.	3.0	4
473	Ultra-high resolution multivariate record and multiscale causal analysis of Pridoli (late Silurian): Implications for global stratigraphy, turnover events, and climate-biota interactions. <i>Gondwana Research</i> , 2020, 86, 222-249.	6.0	12
474	Recent accelerated diversification in rosids occurred outside the tropics. <i>Nature Communications</i> , 2020, 11, 3333.	12.8	43
475	Flat latitudinal diversity gradient caused by the Permian-Triassic mass extinction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 17578-17583.	7.1	50
476	Latitudinal directionality in ectotherm invasion success. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20191411.	2.6	10
477	Biodiversity and distribution patterns of deep-sea fauna along the temperate NW Pacific. <i>Progress in Oceanography</i> , 2020, 183, 102296.	3.2	14
478	Seafloor biodiversity of Canada's three oceans: Patterns, hotspots and potential drivers. <i>Diversity and Distributions</i> , 2020, 26, 226-241.	4.1	13

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479	Phylogenetic measures reveal ecoâ€evolutionary drivers of biodiversity along a depth gradient. <i>Ecography</i> , 2020, 43, 689-702.	4.5	18
480	Decoupled diversity patterns in bacteria and fungi across continental forest ecosystems. <i>Soil Biology and Biochemistry</i> , 2020, 144, 107763.	8.8	78
481	Early Cenozoic evolution of the latitudinal diversity gradient. <i>Earth-Science Reviews</i> , 2020, 202, 103090.	9.1	19
482	Marine latitudinal diversity gradients, niche conservatism and out of the tropics and Arctic: Climatic sensitivity of small organisms. <i>Journal of Biogeography</i> , 2020, 47, 817-828.	3.0	16
483	The Dynamics of Bird Diversity in the New World. <i>Systematic Biology</i> , 2020, 69, 1180-1199.	5.6	20
484	From rainforest to herbland: New insights into land plant responses to the end-Permian mass extinction. <i>Earth-Science Reviews</i> , 2020, 204, 103153.	9.1	72
485	Endemism patterns are scale dependent. <i>Nature Communications</i> , 2020, 11, 2115.	12.8	56
486	Ancient tropical extinctions at high latitudes contributed to the latitudinal diversity gradient*. <i>Evolution; International Journal of Organic Evolution</i> , 2020, 74, 1966-1987.	2.3	55
487	Does evolutionary relatedness predict ecological similarity?. <i>Paleobiology</i> , 2021, 47, 284-300.	2.0	5
488	Phylogenetic relatedness of woody angiosperm assemblages and its environmental determinants along a subtropical elevational gradient in China. <i>Plant Diversity</i> , 2021, 43, 111-116.	3.7	22
489	The Phylogeny and Evolution of the Flashiest of the Armored Harvestmen (Arachnida: Opiliones). <i>Systematic Biology</i> , 2021, 70, 648-659.	5.6	19
490	Climatic drivers of latitudinal variation in Late Triassic tetrapod diversity. <i>Palaeontology</i> , 2021, 64, 101-117.	2.2	31
491	Historical climatic instability predicts the inverse latitudinal pattern in speciation rate of modern mammalian biota. <i>Journal of Evolutionary Biology</i> , 2021, 34, 339-351.	1.7	12
492	The Miocene: The Future of the Past. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2020PA004037.	2.9	166
493	Global biogeography and diversification of a group of brown seaweeds (Phaeophyceae) driven by cladeâ€specific evolutionary processes. <i>Journal of Biogeography</i> , 2021, 48, 703-715.	3.0	19
494	Phylogenetic structure of European forest vegetation. <i>Journal of Biogeography</i> , 2021, 48, 903-916.	3.0	8
495	Evolutionary time best explains the latitudinal diversity gradient of living freshwater fish diversity. <i>Global Ecology and Biogeography</i> , 2021, 30, 749-763.	5.8	25
496	Planktivores as trophic drivers of global coral reef fish diversity patterns. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	25

#	ARTICLE	IF	CITATIONS
497	Mountains, climate and niche heterogeneity explain global patterns of fern diversity. <i>Journal of Biogeography</i> , 2021, 48, 1296-1308.	3.0	51
498	The preservation potential of terrestrial biogeographic patterns. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20202927.	2.6	8
499	Spatial sampling heterogeneity limits the detectability of deep time latitudinal biodiversity gradients. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20202762.	2.6	12
500	Elevated temperature increases genome-wide selection on de novo mutations. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20203094.	2.6	29
501	Conserving Refugia: What Are We Protecting and Why?. <i>Diversity</i> , 2021, 13, 67.	1.7	9
502	Larger offspring associated with lower temperatures across species of <i>Microporella</i> , a widespread colonial invertebrate. <i>Marine Ecology - Progress Series</i> , 2021, 662, 1-13.	1.9	1
503	A Pliocene–Pleistocene continental biota from Venezuela. <i>Swiss Journal of Palaeontology</i> , 2021, 140, 9.	1.7	11
504	The Utility of Macroecological Rules for Microbial Biogeography. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	31
505	Evolutionary and environmental drivers of species richness in poeciliid fishes across the Americas. <i>Global Ecology and Biogeography</i> , 2021, 30, 1245-1257.	5.8	17
507	Seagrass Structural Traits Drive Fish Assemblages in Small-Scale Fisheries. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	12
508	Truncated bimodal latitudinal diversity gradient in early Paleozoic phytoplankton. <i>Science Advances</i> , 2021, 7, .	10.3	20
509	Fossil bivalves and the sclerochronological reawakening. <i>Paleobiology</i> , 0, , 1-23.	2.0	7
510	Evolutionary simulations clarify and reconcile biodiversity-disturbance models. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210240.	2.6	6
511	Mesoamerica is a cradle and the Atlantic Forest is a museum of Neotropical butterfly diversity: insights from the evolution and biogeography of Brassolini (Lepidoptera: Nymphalidae). <i>Biological Journal of the Linnean Society</i> , 2021, 133, 704-724.	1.6	24
513	Phylotranscriptomic insights into Asteraceae diversity, polyploidy, and morphological innovation. <i>Journal of Integrative Plant Biology</i> , 2021, 63, 1273-1293.	8.5	55
514	Out of the extratropics: the evolution of the latitudinal diversity gradient of Cenozoic marine plankton. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210545.	2.6	8
515	Editorial: Temporal Patterns and Mechanisms of Biodiversity Across Scales in East Asia. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	0
516	Incorporating the speciation process into species delimitation. <i>PLoS Computational Biology</i> , 2021, 17, e1008924.	3.2	53

#	ARTICLE	IF	CITATIONS
517	The Distribution Pattern of Marine Bivalve Death Assemblage From the Western Margin of Bay of Bengal and Its Oceanographic Determinants. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	4
518	Deep-time biodiversity patterns and the dinosaurian fossil record of the Late Cretaceous Western Interior, North America. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210692.	2.6	9
519	Geographic Pattern of Bryophyte Species Richness in China: The Influence of Environment and Evolutionary History. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	3
520	Imprints of tropical niche conservatism and historical dispersal in the radiation of Tyrannidae (Aves:). <i>Tj ETQq1 1 0.784314 rgBT /Overl</i>	1.6	6
521	Phenotypic and genomic diversification with isolation by environment along elevational gradients in a neotropical treefrog. <i>Molecular Ecology</i> , 2021, 30, 4062-4076.	3.9	12
523	Diversity patterns and drivers of methanotrophic gene distributions in forest soils across a large latitudinal gradient. <i>Global Ecology and Biogeography</i> , 2021, 30, 2004-2015.	5.8	9
524	Plastome-based phylogeny improves community phylogenetics of subtropical forests in China. <i>Molecular Ecology Resources</i> , 2022, 22, 319-333.	4.8	6
525	Exploring the role of climatic niche changes in the evolution of the southern South American genus <i>Baripus</i> (Coleoptera: Carabidae): optimization of non-hereditary climatic variables and phylogenetic signal measurement. <i>Cladistics</i> , 2021, 37, 816-828.	3.3	1
526	Palaeolatitudinal distribution of the Ediacaran macrobiota. <i>Journal of the Geological Society</i> , 2022, 179, .	2.1	10
527	Evolutionary Diversity Peaks at Mid-Elevations Along an Amazon-to-Andes Elevation Gradient. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	8
528	Retiring "Cradles" and "Museums" of Biodiversity. <i>American Naturalist</i> , 2022, 199, 194-205.	2.1	22
529	The latitudinal taxonomy gradient. <i>Trends in Ecology and Evolution</i> , 2021, 36, 778-786.	8.7	43
530	Testing the causes of richness patterns in the paleotropics: time and diversification in cycads (Cycadaceae). <i>Ecography</i> , 2021, 44, 1606-1618.	4.5	4
531	Conserved ancestral tropical niche but different continental histories explain the latitudinal diversity gradient in brush-footed butterflies. <i>Nature Communications</i> , 2021, 12, 5717.	12.8	33
532	Earth history events shaped the evolution of uneven biodiversity across tropical moist forests. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	54
533	Effect of Productivity on Community Size Explains the Latitudinal Diversity Gradient of South American Small Mammals. <i>American Naturalist</i> , 2021, 198, E111-E121.	2.1	3
534	Reconstruction of the evolutionary biogeography reveal the origins and diversification of oysters (Bivalvia: Ostreidae). <i>Molecular Phylogenetics and Evolution</i> , 2021, 164, 107268.	2.7	15
535	A stream by any other name: does β^2 -diversity differ between Nearctic and Neotropical streams?. <i>Hydrobiologia</i> , 2021, 848, 811-823.	2.0	1

#	ARTICLE	IF	CITATIONS
536	Evolutionary diversification in the hyper-diverse montane forests of the tropical Andes: radiation of <i>Macroparaea</i> (Gentianaceae) and the possible role of range expansion. Botanical Journal of the Linnean Society, 2022, 199, 53-75.	1.6	5
537	Amphibians and Reptiles at the Ometepe and La Suerte Field Sites: Toward an Overview of the Evolution, Diversity, and Natural History of Central America's Herpetofauna. , 2015, , 273-313.		1
538	Neotropical Diversification: Historical Overview and Conceptual Insights. Fascinating Life Sciences, 2020, , 13-49.	0.9	22
539	Evolutionary Macroecology and the Geographical Patterns of Neotropical Diversification. Fascinating Life Sciences, 2020, , 85-101.	0.9	7
540	Climatic forcing of quaternary deep-sea benthic communities in the North Pacific Ocean. Paleobiology, 2012, 38, 162-179.	2.0	35
541	Geographic variation in turnover and recovery from the Late Ordovician mass extinction. Paleobiology, 2007, 33, 435-454.	2.0	16
542	Evolutionary diversity in tropical tree communities peaks at intermediate precipitation. Scientific Reports, 2020, 10, 1188.	3.3	41
543	The tropics as an ancient cradle of oribatid mite diversity. Acarologia, 0, 57, 309-322.	0.6	16
550	Surprising low diversity of the plant pathogen <i>Phytophthora</i> in Amazonian forests. Environmental Microbiology, 2020, 22, 5019-5032.	3.8	17
551	Energetic Constraints on Species Coexistence in Birds. PLoS Biology, 2016, 14, e1002407.	5.6	42
552	Differential Extinction and the Contrasting Structure of Polar Marine Faunas. PLoS ONE, 2010, 5, e15362.	2.5	31
553	Early Cenozoic Differentiation of Polar Marine Faunas. PLoS ONE, 2013, 8, e54139.	2.5	13
554	Is Rich and Rare the Common Share? Describing Biodiversity Patterns to Inform Conservation Practices for South American Anurans. PLoS ONE, 2013, 8, e56073.	2.5	37
555	Metabolic Rate and Climatic Fluctuations Shape Continental Wide Pattern of Genetic Divergence and Biodiversity in Fishes. PLoS ONE, 2013, 8, e70296.	2.5	30
556	Origination and Immigration Drive Latitudinal Gradients in Marine Functional Diversity. PLoS ONE, 2014, 9, e101494.	2.5	30
557	The Early Origin of the Antarctic Marine Fauna and Its Evolutionary Implications. PLoS ONE, 2014, 9, e114743.	2.5	31
558	Patterns and Variation in Benthic Biodiversity in a Large Marine Ecosystem. PLoS ONE, 2015, 10, e0135135.	2.5	27
559	An Ancient Divide in a Contiguous Rainforest: Endemic Earthworms in the Australian Wet Tropics. PLoS ONE, 2015, 10, e0136943.	2.5	15

#	ARTICLE	IF	CITATIONS
560	Environmental Predictors of Diversity in Recent Planktonic Foraminifera as Recorded in Marine Sediments. PLoS ONE, 2016, 11, e0165522.	2.5	26
561	Patterns of orchid bee species diversity and turnover among forested plateaus of central Amazonia. PLoS ONE, 2017, 12, e0175884.	2.5	6
563	Insight into Global Mosquito Biogeography from Country Species Records. Journal of Medical Entomology, 2007, 44, 554-567.	1.8	37
564	Diversity Patterns of Neotropical Ferns: Revisiting Tryon's Centers of Richness and Endemism. American Fern Journal, 2020, 110, .	0.3	12
565	Systematics of the genus Auricularia with an emphasis on species from the southeastern United States.. North American Fungi, 0, , .	0.4	16
566	Consumption pressure in coastal marine environments decreases with latitude and in artificial vs. natural habitats. Marine Ecology - Progress Series, 2017, 574, 167-179.	1.9	32
567	Small is beautiful: the first phylogenetic analysis of Bryodelphax Thulin, 1928 (Heterotardigrada,) Tj ETQq0 0 0 rgBTj/Overlock 10 Tf 50 5	1.1	9
569	Origination Patterns and Multilevel Processes in Macroevolution. , 2010, , 335-354.		10
570	Influence of current climate, historical climate stability and topography on species richness and endemism in Mesoamerican geophyte plants. PeerJ, 2017, 5, e3932.	2.0	43
571	Conceptual and empirical advances in Neotropical biodiversity research. PeerJ, 2018, 6, e5644.	2.0	107
572	Diversity of ground-dwelling ants across three severely threatened South American subtropical forests: are diversity patterns influenced by spatial or climatic variables?. Insect Conservation and Diversity, 2022, 15, 86.	3.0	0
573	Phylogenetic niche conservatism and variations in species diversity-climate relationships. Ecography, 2021, 44, 1856-1868.	4.5	8
574	Global determinants and conservation of evolutionary and geographic rarity in land vertebrates. Science Advances, 2021, 7, eabe5582.	10.3	38
575	Late Miocene mammals from the Calchaqu�� Valley (Palo Pintado Formation, northwestern Argentina): Biogeographic and paleoenvironmental implications for the southern central Andes. Journal of South American Earth Sciences, 2021, 112, 103602.	1.4	6
579	Studies on the Diversity and Shallow Waters of Echinoderms from Port Blair Bay, South Andaman Island, India. Journal of Marine Biology & Oceanography, 2014, 03, .	0.1	0
581	Geologic Time, History of Biodiversity in ��t. , 2017, , .		0
582	Historical dynamics and current environmental effects explain the spatial distribution of species richness patterns of New World monkeys. PeerJ, 2017, 5, e3850.	2.0	4
592	Mollusks from Pliocene and Pleistocene seep deposits in Leyte, Philippines. Acta Palaeontologica Polonica, 0, 65, .	0.4	6

#	ARTICLE	IF	CITATIONS
593	Global biogeography of living brachiopods: Bioregionalization patterns and possible controls. PLoS ONE, 2021, 16, e0259004.	2.5	4
594	Biogeography of curimatid fishes reveals multiple lowlandâ€“upland river transitions and differential diversification in the Neotropics (Teleostei, Curimatidae). Ecology and Evolution, 2021, 11, 15815-15832.	1.9	8
595	Environmental determinants of marine benthic biodiversity dynamics through Triassic-Jurassic time. Paleobiology, 2007, 33, 414-434.	2.0	23
598	Morphological consequences of climate change for resident birds in intact Amazonian rainforest. Science Advances, 2021, 7, eabk1743.	10.3	51
599	Marine diversity patterns in Australia are filtered through biogeography. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20211534.	2.6	2
600	Molecular-based approach for revealing community structure and diversity of marine zooplankton. Oceanography in Japan, 2021, 30, 1-13.	0.5	0
601	Genogeographic clustering to identify crossâ€“species concordance of spatial genetic patterns. Diversity and Distributions, 0, , .	4.1	4
602	Calibrating the temporal and spatial dynamics of the Ediacaran - Cambrian radiation of animals. Earth-Science Reviews, 2022, 225, 103913.	9.1	39
605	Global biogeographic patterns of avian morphological diversity. Ecology Letters, 2022, 25, 598-610.	6.4	22
606	Water and energy availability mediate biodiversity patterns along an elevational gradient in the tropical Andes. Journal of Biogeography, 2022, 49, 712-726.	3.0	12
607	The Environmental Drivers of Benthic Fauna Diversity and Community Composition. Frontiers in Marine Science, 2022, 9, .	2.5	12
608	Elevational patterns of phylogenetic structure of angiosperms in a biodiversity hotspot in eastern Himalaya. Diversity and Distributions, 2022, 28, 2534-2548.	4.1	9
609	Phylogenomic analysis of Syngnathidae reveals novel relationships, origins of endemic diversity and variable diversification rates. BMC Biology, 2022, 20, 75.	3.8	19
610	A colourful tropical world. Nature Ecology and Evolution, 2022, 6, 502-503.	7.8	2
612	Origin of the tropicalâ€“polar biodiversity contrast. Global Ecology and Biogeography, 2022, 31, 1207-1227.	5.8	4
618	Latitudinal Diversity Gradient in the Changing World: Retrospectives and Perspectives. Diversity, 2022, 14, 334.	1.7	10
619	Macroevolutionary dynamics of climatic niche space. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, .	2.6	7
620	Ecological Transitions and the Shape of the Decapod Tree of Life. Integrative and Comparative Biology, 2022, 62, 332-344.	2.0	6

#	ARTICLE	IF	CITATIONS
621	Evidence for Alternate Stable States in an Ecuadorian Andean Cloud Forest. <i>Forests</i> , 2022, 13, 875.	2.1	2
622	Spatial phylogenetic patterns and conservation of threatened woody species in a transition zone of southwest China. <i>Biodiversity and Conservation</i> , 2022, 31, 2205-2225.	2.6	3
623	The thermal niche and phylogenetic assembly of evergreen tree metacommunities in a mid-to-upper tropical montane zone. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, .	2.6	6
624	Exceptions to the rule: Relative roles of time, diversification rates and regional energy in shaping the inverse latitudinal diversity gradient. <i>Global Ecology and Biogeography</i> , 2022, 31, 1794-1809.	5.8	7
625	Bridging macroecology and macroevolution in the radiation of sigmodontine rodents. <i>Evolution; International Journal of Organic Evolution</i> , 0, , .	2.3	2
626	Linking evolutionary dynamics to species extinction for flowering plants in global biodiversity hotspots. <i>Diversity and Distributions</i> , 2022, 28, 2871-2885.	4.1	7
627	Evolvability and Macroevolution: Overview and Synthesis. <i>Evolutionary Biology</i> , 2022, 49, 265-291.	1.1	14
628	Out of the temperate zone: A phylogenomic test of the biogeographical conservatism hypothesis in a contrarian clade of ants. <i>Journal of Biogeography</i> , 2022, 49, 1640-1653.	3.0	7
629	Enhancing georeferenced biodiversity inventories: automated information extraction from literature records reveal the gaps. <i>PeerJ</i> , 0, 10, e13921.	2.0	0
630	Climatic filtering and temporal instability shape the phylogenetic diversity of European alpine floras. <i>Ecography</i> , 2022, 2022, .	4.5	3
631	Genomes From Historic DNA Unveil Massive Hidden Extinction and Terminal Endangerment in a Tropical Asian Songbird Radiation. <i>Molecular Biology and Evolution</i> , 2022, 39, .	8.9	5
632	Mapping species diversification metrics in macroecology: Prospects and challenges. <i>Frontiers in Ecology and Evolution</i> , 0, 10, .	2.2	3
633	Temperate zone isolation by climate: an extension of Janzen's 1967 hypothesis. <i>American Naturalist</i> , 0, , .	2.1	1
634	Evaluation of tropical-temperate transitions: An example of climatic characterization in the Asian Palmate group of Araliaceae. <i>American Journal of Botany</i> , 2022, 109, 1488-1507.	1.7	5
635	Global Patterns of Earwig Species Richness. <i>Diversity</i> , 2022, 14, 890.	1.7	3
636	Discovering marine biodiversity in the 21st century. <i>Advances in Marine Biology</i> , 2022, , 23-115.	1.4	7
637	Marine deposits of the Chuy Formation (Late Pleistocene) and isostatic readjustments in the area of Laguna de Rocha (Uruguay). <i>Agrociencia Uruguay</i> , 2022, 26, .	0.2	2
638	Diversity-Dependent Diversification in the History of Marine Animals. <i>American Naturalist</i> , 2023, 201, 680-693.	2.1	7

#	ARTICLE	IF	CITATIONS
639	Examining paleobotanical databases: Revisiting trends in angiosperm folivory and unlocking the paleoecological promise of propensity score matching and specification curve analysis. <i>Frontiers in Ecology and Evolution</i> , 0, 10, .	2.2	0
640	Phylogenomics of the Ancient and Species-Depauperate Gars Tracks 150 Million Years of Continental Fragmentation in the Northern Hemisphere. <i>Systematic Biology</i> , 2023, 72, 213-227.	5.6	3
641	Taxonomic Structure and Endemism of the Bryozoan Fauna of the Arctic Region. <i>Paleontological Journal</i> , 2022, 56, 774-792.	0.5	2
642	Obligation to Enhance OBIS Data for Sea- and Shorebirds of the Americas. <i>Diversity</i> , 2022, 14, 1099.	1.7	0
645	Local and landscape scale drivers of terrestrial herbaceous plant diversity along a tropical rainfall gradient in Western Ghats, India. <i>Journal of Ecology</i> , 2023, 111, 1021-1036.	4.0	2
646	Recent concepts and approaches for conserving groundwater biodiversity. , 2023, , 525-550.		3
647	Those Nematode-Trapping Fungi That are not Everywhere: Hints Towards Soil Microbial Biogeography. <i>Journal of Microbiology</i> , 0, , .	2.8	1
648	A comprehensive phylogeny and revised taxonomy illuminate the origin and diversification of the global radiation of Papilio (Lepidoptera: Papilionidae). <i>Molecular Phylogenetics and Evolution</i> , 2023, 183, 107758.	2.7	6
649	A latitudinal gradient of deep-sea invasions for marine fishes. <i>Nature Communications</i> , 2023, 14, .	12.8	4
650	Late Cenozoic cooling restructured global marine plankton communities. <i>Nature</i> , 2023, 614, 713-718.	27.8	6
651	Origination of the modern-style diversity gradient 15 million years ago. <i>Nature</i> , 2023, 614, 708-712.	27.8	10
652	Latitudinal Gradients of Biodiversity: Patterns, Processes, and Prospects. , 2024, , 754-772.		0
653	Towards an Understanding of Large-Scale Biodiversity Patterns on Land and in the Sea. <i>Biology</i> , 2023, 12, 339.	2.8	2
655	Mountains exhibit a stronger latitudinal diversity gradient than lowland regions. <i>Journal of Biogeography</i> , 2023, 50, 1026-1036.	3.0	7
656	National Marine Sanctuaries capture enhanced abundance and diversity of the California Current Ecosystem avifauna. <i>Journal of Marine Systems</i> , 2023, 240, 103887.	2.1	1
657	Possible species discrimination of a blotched nerite <i>Nerita albicilla</i> with their distribution pattern and demographic history in the Indo-Pacific. <i>Scientific Reports</i> , 2023, 13, .	3.3	0
658	Hotspots within a hotspot: evolutionary measures unveil interesting biogeographic patterns in threatened coastal forests in Chile. <i>Botanical Journal of the Linnean Society</i> , 2023, 202, 433-448.	1.6	2
659	Late Cenozoic evolution of the latitudinal diversity gradient. <i>Journal of Biogeography</i> , 2023, 50, 1213-1220.	3.0	2

#	ARTICLE	IF	CITATIONS
660	Variation of shell ornamentation with latitude and water depthâ€”A case study using living brachiopods. <i>Ecology and Evolution</i> , 2023, 13, .	1.9	1
663	The build-up of the present-day tropical diversity of tetrapods. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2023, 120, .	7.1	5
664	Herb stratum diversity and community structure in Gurez valley of Kashmir Himalaya: application of multivariate techniques in community analyses. , 0, , 1-17.		0
665	Range Expansion and Dispersal Traits of Green Treefrogs (<i>Hyla cinerea</i>). <i>Journal of Herpetology</i> , 2023, 57, .	0.5	1
666	Cambrian radiation speciation events driven by sea level and redoxcline changes on the Siberian Craton. <i>Science Advances</i> , 2023, 9, .	10.3	3
667	Fish Beta Diversity Patterns across Environmental Gradients in 63 European Shallow Lakes: Effects of Turbidity, Nutrient Enrichment, and Exotic Species. <i>Water (Switzerland)</i> , 2023, 15, 1831.	2.7	0
668	Critical Habitats and Biodiversity: Inventory, Thresholds and Governance. , 2023, , 333-392.		0
669	Interhemispheric biodiversity peaks of living brachiopods coinciding with warm-temperate zones and correlated to a multitude of biotic, abiotic and evolutionary factors. <i>Global and Planetary Change</i> , 2023, 227, 104163.	3.5	0
670	Global benthic biogeographical regions and macroecological drivers for ophiuroids. <i>Ecography</i> , 2023, 2023, .	4.5	0
671	Eukaryotic algal community composition in tropical environments from solar salterns to the open sea. <i>Frontiers in Marine Science</i> , 0, 10, .	2.5	0
672	Agriculture and biodiversity damage: A prospective evaluation of the impact of Brazilian agriculture on its ecoregions through life cycle assessment methodology. <i>Science of the Total Environment</i> , 2023, 899, 165762.	8.0	1
673	Cross-species chromosome painting and repetitive DNA mapping illuminate the karyotype evolution in true crocodiles (<i>Crocodylidae</i>). <i>Chromosoma</i> , 0, , .	2.2	0
674	Explanations for latitudinal diversity gradients must invoke rate variation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2023, 120, .	7.1	2
676	Perfect storms shape biodiversity in time and space. , 2023, 2, .		3
678	Same process, different patterns: pervasive effect of evolutionary time on species richness in freshwater fishes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2023, 290, .	2.6	0
679	Linking temperature dependence of fitness effects of mutations to thermal niche adaptation. <i>Journal of Evolutionary Biology</i> , 2023, 36, 1517-1524.	1.7	0
680	Biodiversity Generation, Overview. , 2024, , 22-33.		0
681	Global patterns of phylogenetic betaâ€”diversity components in angiosperms. <i>Journal of Vegetation Science</i> , 2023, 34, .	2.2	2

#	ARTICLE	IF	CITATIONS
682	Measurement theory and paleobiology. Trends in Ecology and Evolution, 2023, 38, 1165-1176.	8.7	1
683	The geography of climate governs biodiversity. Nature, 2023, 622, 463-464.	27.8	0
684	Lizard richness in mainland China is more strongly correlated with energy and climatic stability than with diversification rates. Journal of Biogeography, 2024, 51, 140-155.	3.0	1
685	Ancient <scp>DNA</scp> is preserved in fish fossils from tropical lake sediments. Molecular Ecology, 2023, 32, 5913-5931.	3.9	2
686	Cambrian and Ordovician diversity fluctuations could be resolved through a single ecological hypothesis. Lethaia, 2023, 56, 1-13.	1.4	1
687	Climate change and land use threaten global hotspots of phylogenetic endemism for trees. Nature Communications, 2023, 14, .	12.8	2
688	The Evolution of Local Co-occurrence in Birds in Relation to Latitude, Degree of Sympatry, and Range Symmetry. American Naturalist, 2024, 203, 432-443.	2.1	1
689	Larger distribution ranges of seagrasses towards the equator. Journal of Biogeography, 2024, 51, 350-355.	3.0	0
690	Diversification of flowering plants in space and time. Nature Communications, 2023, 14, .	12.8	1
691	Species Richness Gradients. , 2023, , 203-249.		0
693	Niche conservatism and convergence in birds of three cenocrons in the Mexican Transition Zone. PeerJ, 0, 12, e16664.	2.0	0
694	Rapid <i>in situ</i> diversification rates in Rhamnaceae explain the parallel evolution of high diversity in temperate biomes from global to local scales. New Phytologist, 2024, 241, 1851-1865.	7.3	0
695	Ecological structure of diversity-dependent diversification in Phanerozoic marine bivalves. Biology Letters, 2024, 20, .	2.3	0
696	Tropical Origin, Global Diversification, and Dispersal in the Pond Damselflies (Coenagrionoidea) Revealed by a New Molecular Phylogeny. Systematic Biology, 0, , .	5.6	0
697	Anti-predator defences are linked with high levels of genetic differentiation in frogs. Proceedings of the Royal Society B: Biological Sciences, 2024, 291, .	2.6	0
699	The evolution of paleo- and neo-endemic species of Cactaceae in the isolated Valley of Tehuac�n-Cuicat�n, Mexico. Plant Ecology and Evolution, 2024, 157, 42-54.	0.7	0
700	Temperature�dependent dispersal and ectotherm species' distributions in a warming world. Journal of Animal Ecology, 2024, 93, 428-446.	2.8	0
701	Phylogenetic analyses of the subfamily Scarabaeinae (Coleoptera: Scarabaeidae) provide new insights into the Mexican Transition Zone theory. Zootaxa, 2024, 5415, 501-528.	0.5	0

#	ARTICLE	IF	CITATIONS
702	Stratigraphic paleobiology. Paleobiology, 0, , 1-18.	2.0	0
703	Ecoâ€Evolutionary evidence for the global diversity pattern of <i>Cycas</i> (Cycadaceae). Journal of Integrative Plant Biology, 0, , .	8.5	0
704	Woody plant taxonomic, functional, and phylogenetic diversity decrease along elevational gradients in Andean tropical montane forests: environmental filtering and arrival of temperate taxa. Plant Diversity, 2024, , .	3.7	0