

Hydroclimate changes across the Amazon lowlands over

Nature

541, 204-207

DOI: [10.1038/nature20787](https://doi.org/10.1038/nature20787)

Citation Report

#	ARTICLE	IF	CITATIONS
1	The resilience of Amazonian forests. <i>Nature</i> , 2017, 541, 167-168.	13.7	27
2	Charcoal chronology of the Amazon forest: A record of biodiversity preserved by ancient fires. <i>Quaternary Geochronology</i> , 2017, 41, 180-186.	0.6	14
3	Environmental and vegetation changes in southeastern Amazonia during the late Pleistocene and Holocene. <i>Quaternary International</i> , 2017, 449, 83-105.	0.7	24
4	The movement of pre-adapted cool taxa in north-central Amazonia during the last glacial. <i>Quaternary Science Reviews</i> , 2017, 169, 1-12.	1.4	16
5	Isotopic evidence for widespread cold-season-biased groundwater recharge and young streamflow across central Canada. <i>Hydrological Processes</i> , 2017, 31, 2196-2209.	1.1	65
6	Self-amplified Amazon forest loss due to vegetation-atmosphere feedbacks. <i>Nature Communications</i> , 2017, 8, 14681.	5.8	244
7	Response of the Amazon rainforest to late Pleistocene climate variability. <i>Earth and Planetary Science Letters</i> , 2017, 479, 50-59.	1.8	50
8	Glacial and interglacials in the Neotropics: a 130,000-year diatom record from central Panama. <i>Journal of Paleolimnology</i> , 2017, 58, 497-510.	0.8	5
9	Different precipitation patterns across tropical South America during Heinrich and Dansgaard-Oeschger stadials. <i>Quaternary Science Reviews</i> , 2017, 177, 1-9.	1.4	37
10	Late Quaternary environmental dynamics in the Atacama Desert reconstructed from rodent midden pollen records. <i>Journal of Quaternary Science</i> , 2017, 32, 665-684.	1.1	50
11	Paleoenvironmental dynamics in South Amazonia, Brazil, during the last 35,000 years inferred from pollen and geochemical records of Lago do Saci. <i>Quaternary Science Reviews</i> , 2017, 173, 161-180.	1.4	53
12	Synchronous precipitation reduction in the American Tropics associated with Heinrich 2. <i>Scientific Reports</i> , 2017, 7, 11216.	1.6	19
13	Tree ring reconstructed rainfall over the southern Amazon Basin. <i>Geophysical Research Letters</i> , 2017, 44, 7410-7418.	1.5	26
14	Modelling karst vadose zone hydrology and its relevance for paleoclimate reconstruction. <i>Earth-Science Reviews</i> , 2017, 172, 178-192.	4.0	49
15	Does the record of meridional shifts in tropical rainfall? <i>Climate of the Past</i> , 2017, 13, 1323-1338.	1.3	26
16	Quantifying the influence of the terrestrial biosphere on glacial-interglacial climate dynamics. <i>Climate of the Past</i> , 2017, 13, 1381-1401.	1.3	22
17	Influence of moisture source dynamics and weather patterns on stable isotopes ratios of precipitation in Central-Eastern Africa. <i>Science of the Total Environment</i> , 2018, 628-629, 1058-1078.	3.9	33
18	Biogeography and diversification of <i>Rhegmatorhina</i> (Aves: Thamnophilidae): Implications for the evolution of Amazonian landscapes during the Quaternary. <i>Journal of Biogeography</i> , 2018, 45, 917-928.	1.4	40

#	ARTICLE	IF	CITATIONS
19	Forest stability during the early and late Holocene in the igapÃ³ floodplains of the Rio Negro, northwestern Brazil. <i>Quaternary Research</i> , 2018, 89, 75-89.	1.0	5
20	South American monsoon response to iceberg discharge in the North Atlantic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3788-3793.	3.3	84
21	Divergent influences of the Greenland and Antarctica climates on the Asian monsoon during a stadial to interstadial cycle. <i>Journal of Asian Earth Sciences</i> , 2018, 159, 69-73.	1.0	5
22	Ecosystem state shifts during long-term development of an Amazonian peatland. <i>Global Change Biology</i> , 2018, 24, 738-757.	4.2	26
23	Late Pleistocene glacial forest elements of Brazilian Amazonia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 490, 617-628.	1.0	4
24	Hemispherically asymmetric trade wind changes as signatures of past ITCZ shifts. <i>Quaternary Science Reviews</i> , 2018, 180, 214-228.	1.4	58
25	Centennial- to decadal-scale monsoon precipitation variations in the upper Hanjiang River region, China over the past 6650 years. <i>Earth and Planetary Science Letters</i> , 2018, 482, 580-590.	1.8	93
26	Impact of mid- to late Holocene precipitation changes on vegetation across lowland tropical South America: a paleo-data synthesis. <i>Quaternary Research</i> , 2018, 89, 134-155.	1.0	36
27	Unfolding long-term Late Pleistocene-Holocene disturbances of forest communities in the southwestern Amazonian lowlands. <i>Ecosphere</i> , 2018, 9, e02457.	1.0	7
28	Geochemical Signature of Amazon Tropical Rainforest Soils. <i>Revista Brasileira De Ciencia Do Solo</i> , 2018, 42, .	0.5	20
29	Quantifying the large-scale electrification equilibrium effects in dust storms using field observations at Qingtu Lake Observatory. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 17087-17097.	1.9	16
30	How Clothes Work to Keep Us Warm. , 0, , 56-65.		0
31	Some Loose Ends. , 0, , 201-205.		0
32	Enclosure and Fabrication. , 0, , 206-218.		0
37	What Separates Us from Nature?. , 0, , 3-20.		0
38	Climate Change and the Invention of Clothes. , 0, , 23-55.		0
39	The Technology of Paleolithic Clothes. , 0, , 66-79.		0
40	Changing Climates and Early Clothes. , 0, , 80-88.		0

#	ARTICLE	IF	CITATIONS
41	Decorated Clothes and Paleolithic Art. , 0 , 89-96.		0
42	Neanderthals and Tasmanians. , 0 , 97-110.		0
43	The Value of Making Clothes Visible. , 0 , 111-116.		0
44	Time for New Clothes. , 0 , 119-129.		0
45	A Half-baked Revolution. , 0 , 130-144.		0
46	Agriculture and Textiles in Eurasia. , 0 , 145-160.		0
47	Agriculture and Textiles in the Americas. , 0 , 161-173.		1
48	Agriculture from Africa to Australia. , 0 , 174-184.		0
49	A Really Revolutionary Revolution. , 0 , 187-189.		0
50	Covering Breasts and Making More Babies. , 0 , 190-198.		0
51	Potential ENSO effects on the oxygen isotope composition of modern speleothems: Observations from Jiguan Cave, central China. <i>Journal of Hydrology</i> , 2018, 566, 164-174.	2.3	28
52	The evolution of hydroclimate in Asia over the Cenozoic: A stable-isotope perspective. <i>Earth-Science Reviews</i> , 2018, 185, 1129-1156.	4.0	71
53	How Well Does the Mechanistic Water Quality Model CEQUAL-W2 Represent Biogeochemical Responses to Climatic and Hydrologic Forcing?. <i>Water Resources Research</i> , 2018, 54, 6609-6624.	1.7	15
54	Lake Tauca highstand (Heinrich Stadial 1a) driven by a southward shift of the Bolivian High. <i>Science Advances</i> , 2018, 4, eaar2514.	4.7	28
55	The dual role of Amazonian rivers in the generation and maintenance of avian diversity. <i>Science Advances</i> , 2018, 4, eaar8575.	4.7	102
56	The legacy of 4,500 years of polyculture agroforestry in the eastern Amazon. <i>Nature Plants</i> , 2018, 4, 540-547.	4.7	139
57	Genetic and Historical Colonization Analyses of an Endemic Savanna Tree, <i>Qualea grandiflora</i> , Reveal Ancient Connections Between Amazonian Savannas and Cerrado Core. <i>Frontiers in Plant Science</i> , 2018, 9, 981.	1.7	31
58	Modeling the ecology and evolution of biodiversity: Biogeographical cradles, museums, and graves. <i>Science</i> , 2018, 361, .	6.0	260

#	ARTICLE	IF	CITATIONS
59	Holocene provenance shift of suspended particulate matter in the Amazon River basin. <i>Quaternary Science Reviews</i> , 2018, 190, 66-80.	1.4	25
60	A Multilocus Approach to Understanding Historical and Contemporary Demography of the Keystone Floodplain Species <i>Colossoma macropomum</i> (Teleostei: Characiformes). <i>Frontiers in Genetics</i> , 2018, 9, 263.	1.1	9
61	New Insights From Pre-Columbian Land Use and Fire Management in Amazonian Dark Earth Forests. <i>Frontiers in Ecology and Evolution</i> , 2018, 6, .	1.1	41
62	The Effects of Tropical Vegetation on Rainfall. <i>Annual Review of Environment and Resources</i> , 2018, 43, 193-218.	5.6	87
63	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.	1.4	26
64	Diversification with gene flow and niche divergence in a lizard species along the South American â€œdiagonal of open formationsâ€. <i>Journal of Biogeography</i> , 2018, 45, 1688-1700.	1.4	19
65	Statistical reconstruction of global vegetation for the last glacial maximum. <i>Global and Planetary Change</i> , 2018, 168, 67-77.	1.6	12
66	Connecting Amazonian, Cerrado, and Atlantic forest histories: Paraphyly, old divergences, and modern population dynamics in tyrant-manakins (<i>Neopelma/Tyranneutes</i> , Aves: Pipridae). <i>Molecular Phylogenetics and Evolution</i> , 2018, 127, 696-705.	1.2	26
67	Aragoniteâ€œcalcite veins of the â€œErzbergâ€ iron ore deposit (Austria): Environmental implications from young fractures. <i>Sedimentology</i> , 2019, 66, 604-635.	1.6	11
68	Diversity and evolution of Amazonian birds: implications for conservation and biogeography. <i>Anais Da Academia Brasileira De Ciencias</i> , 2019, 91, e20190218.	0.3	13
69	Diversification history in the <i>Dendrocincla fuliginosa</i> complex (Aves: Dendrocolaptidae): Insights from broad geographic sampling. <i>Molecular Phylogenetics and Evolution</i> , 2019, 140, 106581.	1.2	10
70	Urban-Riverine Hinterland Synergies in Semi-Arid Environments: Millennial-Scale Change, Adaptations, and Environmental Responses at Gerasa/Jerash. <i>Journal of Field Archaeology</i> , 2019, 44, 333-351.	0.7	19
71	Vegetation and environmental changes in tropical South America from the last glacial to the Holocene documented by multiple cave sediment proxies. <i>Earth and Planetary Science Letters</i> , 2019, 524, 115717.	1.8	35
72	Eastern North American climate in phase with fall insolation throughout the last three glacial-interglacial cycles. <i>Earth and Planetary Science Letters</i> , 2019, 522, 125-134.	1.8	13
73	Global analysis reveals climatic controls on the oxygen isotope composition of cave drip water. <i>Nature Communications</i> , 2019, 10, 2984.	5.8	81
74	Spatiotemporal Variations of Riverine Discharge Within the Amazon Basin During the Late Holocene Coincide With Extratropical Temperature Anomalies. <i>Geophysical Research Letters</i> , 2019, 46, 9013-9022.	1.5	14
75	Coherent South American Monsoon Variability During the Last Millennium Revealed Through High-Resolution Proxy Records. <i>Geophysical Research Letters</i> , 2019, 46, 8261-8270.	1.5	24
76	A dynamic continental moisture gradient drove Amazonian bird diversification. <i>Science Advances</i> , 2019, 5, eaat5752.	4.7	111

#	ARTICLE	IF	CITATIONS
77	Can We Detect Changes in Amazon Forest Structure Using Measurements of the Isotopic Composition of Precipitation?. <i>Geophysical Research Letters</i> , 2019, 46, 14807-14816.	1.5	7
78	Vegetation response to climatic changes in western Amazonia over the last 7,600 years. <i>Journal of Biogeography</i> , 2019, 46, 2389-2406.	1.4	10
79	Evaluating model outputs using integrated global speleothem records of climate change since the last glacial. <i>Climate of the Past</i> , 2019, 15, 1557-1579.	1.3	37
80	Spatio-temporal climate change contributes to latitudinal diversity gradients. <i>Nature Ecology and Evolution</i> , 2019, 3, 1419-1429.	3.4	67
81	Unexpected fish diversity gradients in the Amazon basin. <i>Science Advances</i> , 2019, 5, eaav8681.	4.7	88
82	Chinese stalagmite paleoclimate researches: A review and perspective. <i>Science China Earth Sciences</i> , 2019, 62, 1489-1513.	2.3	96
83	Three-phased Heinrich Stadial 4 recorded in NE Brazil stalagmites. <i>Earth and Planetary Science Letters</i> , 2019, 510, 94-102.	1.8	19
84	Climate change and cultural resilience in late pre-Columbian Amazonia. <i>Nature Ecology and Evolution</i> , 2019, 3, 1007-1017.	3.4	46
85	Millennial-scale glacial climate variability in Southeastern Alaska follows Dansgaard-Oeschger cyclicity. <i>Scientific Reports</i> , 2019, 9, 7880.	1.6	11
86	Late Quaternary Variations in the South American Monsoon System as Inferred by Speleothems: New Perspectives using the SISAL Database. <i>Quaternary</i> , 2019, 2, 6.	1.0	26
87	Changes in the Asian monsoon climate during the late last interglacial recorded in oxygen isotopes of a stalagmite from the Yongxing Cave, central China. <i>Journal of Asian Earth Sciences</i> , 2019, 179, 211-218.	1.0	9
88	Global Isotope Hydrogeology—Review. <i>Reviews of Geophysics</i> , 2019, 57, 835-965.	9.0	165
89	Molecular systematics, biogeography and taxonomy of forest falcons in the <i>Micrastur ruficollis</i> species complex (Aves: Falconidae). <i>Journal of Avian Biology</i> , 2019, 50, .	0.6	6
90	What has become of the refugia hypothesis to explain biological diversity in Amazonia?. <i>Ecology and Evolution</i> , 2019, 9, 4302-4309.	0.8	30
91	Reconstruction of Holocene coupling between the South American Monsoon System and local moisture variability from speleothem $\delta^{18}O$ and $87Sr/86Sr$ records. <i>Quaternary Science Reviews</i> , 2019, 210, 51-63.	1.4	22
92	Application of Avaatech X-ray fluorescence core-scanning in Sr/Ca analysis of speleothems. <i>Science China Earth Sciences</i> , 2019, 62, 964-973.	2.3	9
93	Pre-Columbian Fire Management Linked to Refractory Black Carbon Emissions in the Amazon. <i>Fire</i> , 2019, 2, 31.	1.2	9
94	Medieval Climate Variability in the eastern Amazon-Cerrado regions and its archeological implications. <i>Scientific Reports</i> , 2019, 9, 20306.	1.6	13

#	ARTICLE	IF	CITATIONS
95	Drying in the Middle East During Northern Hemisphere Cold Events of the Early Glacial Period. <i>Geophysical Research Letters</i> , 2019, 46, 14003-14010.	1.5	11
96	Contributions of Quaternary botany to modern ecology and biogeography. <i>Plant Ecology and Diversity</i> , 2019, 12, 189-385.	1.0	103
97	The role of abrupt climate change in the formation of an open vegetation enclave in northern Amazonia during the late Quaternary. <i>Global and Planetary Change</i> , 2019, 172, 140-149.	1.6	24
98	A New Subspecies of <i>Heliconius hermathena</i> (Nymphalidae: Heliconiinae) from Southern Amazonia. <i>Neotropical Entomology</i> , 2019, 48, 467-475.	0.5	1
99	The Sensitivity of Terrestrial $\delta^{18}O$ Gradients to Hydroclimate Evolution. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 563-582.	1.2	26
100	Evolving in isolation: Genetic tests reject recent connections of Amazonian savannas with the central Cerrado. <i>Journal of Biogeography</i> , 2019, 46, 196-211.	1.4	18
101	Simulation of the Holocene climate over South America and impacts on the vegetation. <i>Holocene</i> , 2019, 29, 287-299.	0.9	19
102	The Influence of Competing Hydroclimate Processes on Stable Isotope Ratios in Tropical Rainfall. <i>Geophysical Research Letters</i> , 2019, 46, 1622-1633.	1.5	61
103	Glacial-Interglacial Precipitation Changes. <i>Annual Review of Marine Science</i> , 2020, 12, 525-557.	5.1	23
104	Climate change and biogeographic connectivity across the Brazilian cerrado. <i>Journal of Biogeography</i> , 2020, 47, 396-407.	1.4	25
105	Multilocus data of a manakin species reveal cryptic diversification moulded by vicariance. <i>Zoologica Scripta</i> , 2020, 49, 129-144.	0.7	15
106	A novel application of triple oxygen isotope ratios of speleothems. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 270, 360-378.	1.6	31
107	Ocean-atmosphere interactions over the western South Atlantic during Heinrich stadials. <i>Global and Planetary Change</i> , 2020, 195, 103352.	1.6	7
108	Predicting Thermal Adaptation by Looking Into Populations' Genomic Past. <i>Frontiers in Genetics</i> , 2020, 11, 564515.	1.1	79
109	Andean drought and glacial retreat tied to Greenland warming during the last glacial period. <i>Nature Communications</i> , 2020, 11, 5135.	5.8	10
110	Drip water $\delta^{18}O$ variability in the northeastern Yucatán Peninsula, Mexico: Implications for tropical cyclone detection and rainfall reconstruction from speleothems. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 285, 237-256.	1.6	15
111	Dispersal ability correlates with range size in Amazonian habitat-restricted birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201450.	1.2	15
112	Rapid diversification rates in Amazonian Chrysobalanaceae inferred from plastid genome phylogenetics. <i>Botanical Journal of the Linnean Society</i> , 2020, 194, 271-289.	0.8	7

#	ARTICLE	IF	CITATIONS
113	Systematics and historical biogeography of Neotropical foam-nesting frogs of the <i>Adenomera heyeri</i> clade (Leptodactylidae), with the description of six new Amazonian species. <i>Zoological Journal of the Linnean Society</i> , 2021, 191, 395-433.	1.0	16
114	Historical biogeography identifies a possible role of Miocene wetlands in the diversification of the Amazonian rocket frogs (Aromobatidae: <i>Allobates</i>). <i>Journal of Biogeography</i> , 2020, 47, 2472-2482.	1.4	31
115	Inter-hemispheric synchronicity of Holocene precipitation anomalies controlled by Earth's latitudinal insolation gradients. <i>Nature Communications</i> , 2020, 11, 5447.	5.8	22
116	Fracture dolomite as an archive of continental palaeo-environmental conditions. <i>Communications Earth & Environment</i> , 2020, 1, .	2.6	18
117	Two Centuries of Hydroclimatic Variability Reconstructed From Tree-Ring Records Over the Amazonian Andes of Peru. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032565.	1.2	10
118	The relative role of rivers, environmental heterogeneity and species traits in driving compositional changes in southeastern Amazonian bird assemblages. <i>Biotropica</i> , 2020, 52, 946-962.	0.8	12
119	Hydrological variations in central China over the past millennium and their links to the tropical Pacific and North Atlantic oceans. <i>Climate of the Past</i> , 2020, 16, 475-485.	1.3	7
120	A decadal-resolution stalagmite record of strong Asian summer monsoon from northwestern Vietnam over the Dansgaard-Oeschger events 2-4. <i>Journal of Asian Earth Sciences: X</i> , 2020, 3, 100027.	0.6	4
121	Experimental evaluation of oxygen isotopic exchange between inclusion water and host calcite in speleothems. <i>Climate of the Past</i> , 2020, 16, 17-27.	1.3	18
122	Modelling the distribution of Amazonian tree species in response to long-term climate change during the Mid-Late Holocene. <i>Journal of Biogeography</i> , 2020, 47, 1530-1540.	1.4	10
123	Patterns and Processes of Diversification in Amazonian White Sand Ecosystems: Insights from Birds and Plants. <i>Fascinating Life Sciences</i> , 2020, , 245-270.	0.5	25
124	Paleoclimatic evolution as the main driver of current genomic diversity in the widespread and polymorphic Neotropical songbird <i>Arremon taciturnus</i> . <i>Molecular Ecology</i> , 2020, 29, 2922-2939.	2.0	6
125	The combined role of dispersal and niche evolution in the diversification of Neotropical lizards. <i>Ecology and Evolution</i> , 2020, 10, 2608-2625.	0.8	23
126	Vegetation and fire variability in the central Cerrados (Brazil) during the Pleistocene-Holocene transition was influenced by oscillations in the SASM boundary belt. <i>Quaternary Science Reviews</i> , 2020, 232, 106209.	1.4	18
127	Linking rock age and soil cover across four islands on the Galápagos archipelago. <i>Journal of South American Earth Sciences</i> , 2020, 99, 102500.	0.6	13
128	Seasonal changes of the South American monsoon system during the Mid-Holocene in the CMIP5 simulations. <i>Climate Dynamics</i> , 2020, 54, 2697-2712.	1.7	11
129	Main controls on the stable carbon isotope composition of speleothems. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 279, 67-87.	1.6	93
130	Phylogeography of the Variable Antshrike (<i>Thamnophilus caerulescens</i>), a South American passerine distributed along multiple environmental gradients. <i>Molecular Phylogenetics and Evolution</i> , 2020, 148, 106810.	1.2	6

#	ARTICLE	IF	CITATIONS
131	Multidecadal Changes in Wet Season Precipitation Totals Over the Eastern Amazon. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087478.	1.5	14
132	Quaternary climate changes as speciation drivers in the Amazon floodplains. <i>Science Advances</i> , 2020, 6, eaax4718.	4.7	55
133	Comparative phylogeographic and demographic analyses reveal a congruent pattern of sister relationships between bird populations of the northern and south-central Atlantic Forest. <i>Molecular Phylogenetics and Evolution</i> , 2021, 154, 106973.	1.2	16
134	Diurnal to seasonal ventilation in Brazilian caves. <i>Global and Planetary Change</i> , 2021, 197, 103378.	1.6	5
135	Sister species, different histories: comparative phylogeography of two bird species associated with Amazonian open vegetation. <i>Biological Journal of the Linnean Society</i> , 2021, 132, 161-173.	0.7	16
136	Oxygen Isotopic Signatures of Major Climate Modes and Implications for Detectability in Speleothems. <i>Geophysical Research Letters</i> , 2021, 48, .	1.5	8
137	Lake sedimentary processes and vegetation changes over the last 45k cal a BP in the uplands of southeastern Amazonia. <i>Journal of Quaternary Science</i> , 2021, 36, 255-272.	1.1	9
138	New insights towards an integrated understanding of NE Asian monsoon during mid to late Holocene. <i>Quaternary Science Reviews</i> , 2021, 254, 106793.	1.4	22
139	Detecting and quantifying palaeoseasonality in stalagmites using geochemical and modelling approaches. <i>Quaternary Science Reviews</i> , 2021, 254, 106784.	1.4	20
140	Millennial-Scale Environmental Variability in Late Quaternary Deep-Sea Sediments from the Demerara Rise, NE Coast of South America. <i>Oceans</i> , 2021, 2, 246-265.	0.6	3
141	Investigating $\delta^{13}\text{C}$ values in stalagmites from tropical South America for the last two millennia. <i>Quaternary Science Reviews</i> , 2021, 255, 106822.	1.4	12
142	Tales from the Underground: Speleothem Records of Past Hydroclimate. <i>Elements</i> , 2021, 17, 93-100.	0.5	9
143	Mid- to Late Holocene Contraction of the Intertropical Convergence Zone Over Northeastern South America. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2020PA003936.	1.3	17
144	Widespread reforestation before European influence on Amazonia. <i>Science</i> , 2021, 372, 484-487.	6.0	28
145	Phylogeographic model selection using convolutional neural networks. <i>Molecular Ecology Resources</i> , 2021, 21, 2661-2675.	2.2	14
146	Landscape configuration of an Amazonian island-like ecosystem drives population structure and genetic diversity of a habitat-specialist bird. <i>Landscape Ecology</i> , 2021, 36, 2565-2582.	1.9	4
147	Reconstruction of vegetation and low latitude ocean-atmosphere dynamics of the past 130 kyr, based on South American montane pollen types. <i>Global and Planetary Change</i> , 2021, 201, 103477.	1.6	8
148	The resilience of Amazon tree cover to past and present drying. <i>Global and Planetary Change</i> , 2021, 202, 103520.	1.6	15

#	ARTICLE	IF	CITATIONS
149	Human activity and climate change triggered the expansion of rocky desertification in the karst areas of Southwestern China. <i>Science China Earth Sciences</i> , 2021, 64, 1761-1773.	2.3	19
150	Phylogeography of <i>Baryancistrus xanthellus</i> (Siluriformes: Loricariidae), a rheophilic catfish endemic to the Xingu River basin in eastern Amazonia. <i>PLoS ONE</i> , 2021, 16, e0256677.	1.1	1
151	Whiptail lizard lineage delimitation and population expansion as windows into the history of Amazonian open ecosystems. <i>Systematics and Biodiversity</i> , 2021, 19, 957-975.	0.5	2
152	Genomic differentiation with gene flow in a widespread Amazonian floodplain specialist bird species. <i>Journal of Biogeography</i> , 2022, 49, 1670-1682.	1.4	13
153	Negligible Quantities of Particulate Low-Temperature Pyrogenic Carbon Reach the Atlantic Ocean via the Amazon River. <i>Global Biogeochemical Cycles</i> , 2021, 35, e2021GB006990.	1.9	7
154	Habitat association constrains population history in two sympatric ovenbirds along Amazonian floodplains. <i>Journal of Biogeography</i> , 2022, 49, 1683-1695.	1.4	9
155	Multiple species and deep genomic divergences despite little phenotypic differentiation in an ancient Neotropical songbird, <i>Tunchiornis ochraceiceps</i> (Sclater, 1860) (Aves: Vireonidae). <i>Molecular Phylogenetics and Evolution</i> , 2021, 162, 107206.	1.2	3
156	Luminescence geochronology and paleoenvironmental implications of coastal red dune sands of northeast Hainan Island, China. <i>Aeolian Research</i> , 2021, 53, 100744.	1.1	4
157	Variations in the South Atlantic Convergence Zone over the mid-to-late Holocene inferred from speleothem $\delta^{18}O$ in central Brazil. <i>Quaternary Science Reviews</i> , 2021, 270, 107178.	1.4	7
158	Taxonomic challenges posed by discordant evolutionary scenarios supported by molecular and morphological data in the Amazonian <i>Synallaxis rutilans</i> group (Aves: Furnariidae). <i>Zoological Journal of the Linnean Society</i> , 2022, 195, 65-87.	1.0	0
159	The Origin and Evolution of Amazonian Species Diversity. <i>Fascinating Life Sciences</i> , 2020, , 225-244.	0.5	26
160	Biotic and Landscape Evolution in an Amazonian Contact Zone: Insights from the Herpetofauna of the Tapaj�s River Basin, Brazil. <i>Fascinating Life Sciences</i> , 2020, , 683-712.	0.5	9
161	Beyond Refugia: New Insights on Quaternary Climate Variation and the Evolution of Biotic Diversity in Tropical South America. <i>Fascinating Life Sciences</i> , 2020, , 51-70.	0.5	29
162	Avian Diversity in Humid Tropical and Subtropical South American Forests, with a Discussion About Their Related Climatic and Geological Underpinnings. <i>Fascinating Life Sciences</i> , 2020, , 145-188.	0.5	7
163	The origins of Amazonian landscapes: Plant cultivation, domestication and the spread of food production in tropical South America. <i>Quaternary Science Reviews</i> , 2020, 248, 106582.	1.4	84
165	The Forest Effects on the Isotopic Composition of Rainfall in the Northwestern Amazon Basin. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031445.	1.2	31
166	On the glacial-interglacial variability of the Asian monsoon in speleothem $\delta^{18}O$ records. <i>Science Advances</i> , 2020, 6, eaay8189.	4.7	41
167	Contrasting Southern Hemisphere Monsoon Response: MidHolocene Orbital Forcing versus Future Greenhouse Gas-Induced Global Warming. <i>Journal of Climate</i> , 2020, 33, 9595-9613.	1.2	20

#	ARTICLE	IF	CITATIONS
168	Thermal physiology of Amazonian lizards (Reptilia: Squamata). PLoS ONE, 2018, 13, e0192834.	1.1	31
169	The Central Role of Taxonomy in the Study of Neotropical Biodiversity. Annals of the Missouri Botanical Garden, 2020, 105, 405-421.	1.3	19
170	The SISAL database: a global resource to document oxygen and carbon isotope records from speleothems. Earth System Science Data, 2018, 10, 1687-1713.	3.7	62
171	Conceptual and empirical advances in Neotropical biodiversity research. PeerJ, 2018, 6, e5644.	0.9	107
172	Response of Amazonian forests to mid-Holocene drought: A model-data comparison. Global Change Biology, 2022, 28, 201-226.	4.2	4
173	Dinâmica climática e biogeográfica do Brasil no Último Máximo Glacial: o estado da arte. Estudos Avancados, 2020, 34, 187-198.	0.2	3
174	Holocene coastal environmental changes inferred by multi-proxy analysis from Lago Formoso sediments in Maranhão State, northeastern Brazil. Quaternary Science Reviews, 2021, 273, 107234.	1.4	4
176	Onset and termination of Heinrich Stadial 4 and the underlying climate dynamics. Communications Earth & Environment, 2021, 2, .	2.6	14
177	Three-phase structure of the East Asia summer monsoon during Heinrich Stadial 4 recorded in Xianyun Cave, southeastern China. Quaternary Science Reviews, 2021, 274, 107267.	1.4	8
178	Pan American interactions of Amazon precipitation, streamflow, and tree growth extremes. Environmental Research Letters, 2020, 15, 104092.	2.2	6
179	Eventos Paleoclimáticos de El Niño, La Niña e Neutros no Pacífico Tropical e de Precipitação no Sudoeste e Leste da Amazônia. Revista Brasileira De Meteorologia, 2020, 35, 477-484.	0.2	0
181	Stalagmite multi-proxy evidence of wet and dry intervals in the middle Yangtze Valley during the last glacial period. Palaeogeography, Palaeoclimatology, Palaeoecology, 2022, 586, 110764.	1.0	9
182	Quantitative morphometrics suggest that the widespread Neotropical Humiria balsamifera (Aubl.) St. Hil. is a species complex. Acta Botanica Brasilica, 2021, 35, 339-351.	0.8	0
183	Fast Response of Amazon Rivers to Quaternary Climate Cycles. Journal of Geophysical Research F: Earth Surface, 2021, 126, e2021JF006416.	1.0	9
184	Understanding global monsoon precipitation changes during the 8.2ka event and the current warm period. Palaeogeography, Palaeoclimatology, Palaeoecology, 2022, 586, 110757.	1.0	7
185	Phylogenomics, introgression, and demographic history of South American true toads (<i>Rhinella</i>). Molecular Ecology, 2022, 31, 978-992.	2.0	14
186	A framework for triple oxygen isotopes in speleothem paleoclimatology. Geochimica Et Cosmochimica Acta, 2022, 319, 191-219.	1.6	13
187	Paleoclimatic and paleoenvironmental changes in Amazonian lowlands over the last three millennia. Quaternary Science Reviews, 2022, 279, 107383.	1.4	7

#	ARTICLE	IF	CITATIONS
188	Neodymium isotopes as a paleo-water mass tracer: A model-data reassessment. <i>Quaternary Science Reviews</i> , 2022, 279, 107404.	1.4	9
190	Early to mid-Holocene human activity exerted gradual influences on Amazonian forest vegetation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, 20200498.	1.8	14
191	Double-plunge structure of the East Asian summer monsoon during Heinrich stadial 1 recorded in Xianyun Cave, southeastern China. <i>Quaternary Science Reviews</i> , 2022, 282, 107442.	1.4	3
192	A high-resolution stalagmite record from Luoshui Cave, Central China over the past 23.5 kyr. <i>Quaternary Science Reviews</i> , 2022, 282, 107443.	1.4	10
193	Paleosols record dry and humid paleoenvironments during the Upper Pleistocene in the Brazilian Pantanal. <i>Catena</i> , 2022, 212, 106113.	2.2	2
194	Hydroclimate and vegetation changes in southeastern Amazonia over the past ~25,000 years. <i>Quaternary Science Reviews</i> , 2022, 284, 107466.	1.4	6
195	Scarce fire activity in north and north-western Amazonian forests during the last 10,000 years. <i>Plant Ecology and Diversity</i> , 2021, 14, 143-156.	1.0	14
196	Forestry and Hunting. , 2022, , 221-314.		1
210	Interhemispheric antiphasing of neotropical precipitation during the past millennium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2120015119.	3.3	11
211	Late quaternary hydrological changes in the southeastern amazon basin from n-alkane molecular and isotopic records in sediments of Saci lake, Pará state (Brazil). <i>Global and Planetary Change</i> , 2022, 213, 103833.	1.6	3
212	Stable isotope variability of precipitation and cave drip-water at Jumandy cave, western Amazon River basin (Ecuador). <i>Journal of Hydrology</i> , 2022, 610, 127848.	2.3	7
213	Cadre environnemental des premières occupations humaines du Brésil: Évolution de la végétation et du climat au cours des derniers 40 000 ans. <i>Brésil(s)</i> , 2022, , .	0.0	1
214	South American precipitation dipole forced by interhemispheric temperature gradient. <i>Scientific Reports</i> , 2022, 12, .	1.6	5
215	A 1.8 Million Year History of Amazonian Biomes. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
216	The challenges and potential of geogenomics for biogeography and conservation in Amazonia. <i>Journal of Biogeography</i> , 2022, 49, 1839-1847.	1.4	11
217	Earth's Climate History from 4.5 Billion Years to One Minute. <i>Atmosphere - Ocean</i> , 2022, 60, 188-232.	0.6	3
218	Recurrent droughts increase risk of cascading tipping events by outpacing adaptive capacities in the Amazon rainforest. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	19
219	Rainfall and sea level drove the expansion of seasonally flooded habitats and associated bird populations across Amazonia. <i>Nature Communications</i> , 2022, 13, .	5.8	13

#	ARTICLE	IF	CITATIONS
220	A fully calibrated and updated mid-Holocene climate reconstruction for Eastern South America. <i>Quaternary Science Reviews</i> , 2022, 292, 107646.	1.4	7
221	Recharge variability in Australia's southeast alpine region derived from cave monitoring and modern stalagmite $\delta^{18}O$ records. <i>Quaternary Science Reviews</i> , 2022, 295, 107742.	1.4	2
222	Time for decisive actions to protect freshwater ecosystems from global changes. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2022, , 19.	0.5	8
223	South American Summer Monsoon variability over the last millennium in paleoclimate records and isotope-enabled climate models. <i>Climate of the Past</i> , 2022, 18, 2045-2062.	1.3	8
225	The Changing Amazon Hydrological Cycle—Inferences From Over 200 Years of Tree-Ring Oxygen Isotope Data. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2022, 127, .	1.3	2
226	A molecular perspective on the systematics and distribution of <i>Loxopholis</i> lizards in South and Central America, with advances on the biogeography of the tribe Ecleopodini (Gymnophthalmidae). <i>Tj ETQq1 1 0.784314 rgt /Overbo</i>	0.7	1
227	Historical biogeography highlights the role of Miocene landscape changes on the diversification of a clade of Amazonian tree frogs. <i>Organisms Diversity and Evolution</i> , 2023, 23, 395-414.	0.7	7
228	A 1.8 million year history of Amazon vegetation. <i>Quaternary Science Reviews</i> , 2023, 299, 107867.	1.4	5
229	Dinâmica da conversão de floresta e tendências climáticas na bacia do rio Madeira. <i>Ciencia Florestal</i> , 2022, 32, 2007-2034.	0.1	0
230	Sensitivity of the tropical dust cycle to glacial abrupt climate changes. <i>Geophysical Research Letters</i> , 0, , .	1.5	0
231	West-east diversification model explains pattern phylogeography of the Band-tailed Manakin <i>Pipra fasciicauda</i> . <i>Journal of Ornithology</i> , 0, , .	0.5	0
232	Current and paleoclimate models for an Atlantic Forest kissing bug indicate broader distribution outside biome delimitations. <i>Frontiers in Ecology and Evolution</i> , 0, 10, .	1.1	1
233	The Zonal Patterns in Late Quaternary Tropical South American Precipitation. <i>Paleoceanography and Paleoclimatology</i> , 2023, 38, .	1.3	1
234	Climate variability of the southern Amazon inferred by a multi-proxy tree-ring approach using <i>Cedrela fissilis</i> Vell.. <i>Science of the Total Environment</i> , 2023, 871, 162064.	3.9	3
235	Quartz OSL sensitivity from dating data for provenance analysis of pleistocene and holocene fluvial sediments from lowland Amazonia. <i>Quaternary Geochronology</i> , 2023, 74, 101422.	0.6	2
236	Weakening monsoon event during 2.8 ka BP in East China linked to the North Atlantic cooling. <i>Quaternary Science Reviews</i> , 2023, 306, 108037.	1.4	2
237	The Paleojump database for abrupt transitions in past climates. <i>Scientific Reports</i> , 2023, 13, .	1.6	6
238	Landscape and Climate Changes in Southeastern Amazonia from Quaternary Records of Upland Lakes. <i>Atmosphere</i> , 2023, 14, 621.	1.0	3

#	ARTICLE	IF	CITATIONS
---	---------	----	-----------