Persistent near-tropical warmth on the Antarctic contin

Nature

488, 73-77

DOI: 10.1038/nature11300

#	Article	IF	Citations
1	The heat is on: Paleogene floras and the Paleoceneâ€“Eocene warm period. , 0, , 308-389.		2
3	Chronostratigraphic framework for the IODP Expedition 318 cores from the Wilkes Land Margin: Constraints for paleoceanographic reconstruction. Paleoceanography, 2012, 27, .	3.0	72
5	Early to Middle Eocene vegetation dynamics at the Wilkes Land Margin (Antarctica). Review of Palaeobotany and Palynology, 2013, 197, 119-142.	0.8	54
6	Climate model and proxy data constraints on ocean warming across the Paleoceneâ€“Eocene Thermal Maximum. Earth-Science Reviews, 2013, 125, 123-145.	4.0	214
7	Trans-oceanic dispersal and evolution of early composites (Asteraceae). Perspectives in Plant Ecology, Evolution and Systematics, 2013, 15, 269-280.	1.1	23
8	Solar irradiance modulation of Equator-to-Pole (Arctic) temperature gradients: Empirical evidence for climate variation on multi-decadal timescales. Journal of Atmospheric and Solar-Terrestrial Physics, 2013, 93, 45-56.	0.6	48
9	Marine Ecosystem Responses to Cenozoic Global Change. Science, 2013, 341, 492-498.	6.0	140
10	A magneto- and chemostratigraphically calibrated dinoflagellate cyst zonation of the early Palaeogene South Pacific Ocean. Earth-Science Reviews, 2013, 124, 1-31.	4.0	72
11	Biogeographical note on Antarctic microflorae: Endemism and cosmopolitanism. Geoscience Frontiers, 2013, 4, 633-646.	4.3	13
12	Rapid diversification in Australia and two dispersals out of Australia in the globally distributed bee genus, Hylaeus (Colletidae: Hylaeinae). Molecular Phylogenetics and Evolution, 2013, 66, 668-678.	1.2	17
13	Declining moisture availability on the Antarctic Peninsula during the Late Eocene. Palaeogeography, Palaeoclimatology, Palaeoecology, 2013, 383-384, 72-78.	1.0	23
14	Global biogeography and diversification of palms sheds light on the evolution of tropical lineages. II. Diversification history and origin of regional assemblages. Journal of Biogeography, 2013, 40, 286-298.	1.4	96
15	Splendid and Seldom Isolated: The Paleobiogeography of Patagonia. Annual Review of Earth and Planetary Sciences, 2013, 41, 561-603.	4.6	120
16	Early Eocene to middle Miocene cooling and aridification of East Antarctica. Geochemistry, Geophysics, Geosystems, 2013, 14, 1399-1410.	1.0	52
17	Early East Antarctic Ice Sheet growth recorded in the landscape of the Gamburtsev Subglacial Mountains. Earth and Planetary Science Letters, 2013, 375, 1-12.	1.8	75
18	The organic geochemistry of glycerol dialkyl glycerol tetraether lipids: A review. Organic Geochemistry, 2013, 54, 19-61.	0.9	807
19	State-dependent climate sensitivity in past warm climates and its implications for future climate projections. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 14162-14167.	3.3	161
20	Eocene cooling linked to early flow across the Tasmanian Gateway. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 9645-9650.	3.3	204

#	Article	IF	Citations
21	Early Paleogene evolution of terrestrial climate in the SW Pacific, Southern New Zealand. Geochemistry, Geophysics, Geosystems, 2013, 14, 5413-5429.	1.0	43
22	Environmental magnetic record of paleoclimate, unroofing of the Transantarctic Mountains, and volcanism in late Eocene to early Miocene glaciâ€marine sediments from the Victoria Land Basin, Ross Sea, Antarctica. Journal of Geophysical Research: Solid Earth, 2013, 118, 1845-1861.	1.4	18
23	Southern high-latitude terrestrial climate change during the Palaeoceneâ€"Eocene derived from a marine pollen record (ODP Site 1172, East Tasman Plateau). Climate of the Past, 2014, 10, 1401-1420.	1.3	27
24	Investigating vegetationâ€"climate feedbacks during the early Eocene. Climate of the Past, 2014, 10, 419-436.	1.3	36
25	A seasonality trigger for carbon injection at the Paleoceneâ€"Eocene Thermal Maximum. Climate of the Past, 2014, 10, 759-769.	1.3	61
26	From Greenhouse to Icehouse at the Wilkes Land Antarctic Margin. Developments in Marine Geology, 2014, 7, 295-328.	0.4	11
27	Major Scientific Achievements of the Integrated Ocean Drilling Program. Developments in Marine Geology, 2014, 7, 1-36.	0.4	1
28	Snapshot of cooling and drying before onset of Antarctic Glaciation. Earth and Planetary Science Letters, 2014, 404, 154-166.	1.8	15
29	PALEOCLIMATE OF THE LATE CRETACEOUS (CENOMANIAN-TURONIAN) PORTION OF THE WINTON FORMATION, CENTRAL-WESTERN QUEENSLAND, AUSTRALIA: NEW OBSERVATIONS BASED ON CLAMP AND BIOCLIMATIC ANALYSIS. Palaios, 2014, 29, 121-128.	0.6	31
30	Paleoâ€Antarctic rainforest into the modern Old World tropics: The rich past and threatened future of the â€œsouthern wet forest survivorsâ€. American Journal of Botany, 2014, 101, 2121-2135.	0.8	87
31	Greenhouse Climates. , 2014, , 281-304.		25
32	Long-distance dispersal of the coconut palm by migration within the coral atoll ecosystem. Annals of Botany, 2014, 113, 565-570.	1.4	25
33	Climatic influences on the Paleogene evolution of alkenones. Paleoceanography, 2014, 29, 255-272.	3.0	42
34	First South American <i>Agathis</i> (Araucariaceae), Eocene of Patagonia. American Journal of Botany, 2014, 101, 156-179.	0.8	78
35	Early glaciation already during the Early Miocene in the Amundsen Sea, Southern Pacific: Indications from the distribution of sedimentary sequences. Global and Planetary Change, 2014, 120, 92-104.	1.6	19
36	Fossil palm beetles refine upland winter temperatures in the Early Eocene Climatic Optimum. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 8095-8100.	3.3	48
37	The role of ocean gateways on cooling climate on long time scales. Global and Planetary Change, 2014, 119, 1-22.	1.6	80
38	Sources of core and intact branched tetraether membrane lipids in the lacustrine environment: Anatomy of Lake Challa and its catchment, equatorial East Africa. Geochimica Et Cosmochimica Acta, 2014, 140, 106-126.	1.6	97

#	Article	IF	Citations
39	A cool temperate climate on the Antarctic Peninsula through the latest Cretaceous to early Paleogene. Geology, 2014, 42, 583-586.	2.0	45
40	Cenozoic climate changes: A review based on time series analysis of marine benthic Î´ ¹⁸ O records. Reviews of Geophysics, 2014, 52, 333-374.	9.0	120
41	The Coexistence Approachâ€"Theoretical background and practical considerations of using plant fossils for climate quantification. Palaeogeography, Palaeoclimatology, Palaeoecology, 2014, 410, 58-73.	1.0	220
42	Paleogene Land Mammal Faunas of South America; a Response to Global Climatic Changes and Indigenous Floral Diversity. Journal of Mammalian Evolution, 2014, 21, 1-73.	1.0	151
43	Descent toward the Icehouse: Eocene sea surface cooling inferred from GDGT distributions. Paleoceanography, 2015, 30, 1000-1020.	3.0	129
45	The monocot fossil pollen record of New Zealand and its implications for palaeoclimates and environments. Botanical Journal of the Linnean Society, 2015, 178, 421-440.	0.8	11
46	Phylogeny and historical biogeography of the cocosoid palms (<scp>A</scp>recaceae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 507 Td (<s family loci. Cladistics, 2015, 31, 509-534.	1.5	66
47	Transitivity of the climateâ€"vegetation system in a warm climate. Climate of the Past, 2015, 11, 1563-1574.	1.3	5
48	A new genus and two new species of dinoflagellate cysts from lower Eocene marine sediments of the Wilkes Land Margin, Antarctica. Review of Palaeobotany and Palynology, 2015, 220, 88-97.	0.8	2
49	SEM investigation of pollen from the lower Eocene (Carinthia and Salzburg in Austria and Brixton,) Tj ETQq1 1 0.784314 rgBT /Overlo Anacardiaceae, Araliaceae and Apiaceae. Plant Systematics and Evolution, 2015, 301, 2291-2312.	0.3	7
50	Fossil evidence for open, Proteaceaeâ€dominated heathlands and fire in the Late Cretaceous of Australia. American Journal of Botany, 2015, 102, 2092-2107.	0.8	63
51	Cenozoic climatic shifts in southern Australia. Transactions of the Royal Society of South Australia, 2015, 139, 19-37.	0.1	10
52	Early to middle Eocene magneto-biochronology of the southwest Pacific Ocean and climate influence on sedimentation: Insights from the Mead Stream section, New Zealand. Bulletin of the Geological Society of America, 2015, 127, 643-660.	1.6	34
53	Early to middle Miocene vegetation history of Antarctica supports eccentricity-paced warming intervals during the Antarctic icehouse phase. Global and Planetary Change, 2015, 127, 67-78.	1.6	17
54	A Simple Thousand-Year Prognosis for Oceanic and Atmospheric Carbon Change. Pure and Applied Geophysics, 2015, 172, 49-56.	0.8	4
55	Odd man out: why are there fewer plant species in African rain forests?. Plant Systematics and Evolution, 2015, 301, 1299-1313.	0.3	83
56	Was the Arctic Eocene â€˜rainforestâ€™ monsoonal? Estimates of seasonal precipitation from early Eocene megafloras from Ellesmere Island, Nunavut. Earth and Planetary Science Letters, 2015, 427, 18-30.	1.8	60
57	Nothofagus pollen grain size as a proxy for long-term climate change: An applied study on Eocene, Oligocene, and Miocene sediments from Antarctica. Review of Palaeobotany and Palynology, 2015, 221, 138-143.	0.8	13

#	Article	IF	Citations
58	Glacialâ€"interglacial contrast in MBT/CBT proxies in the South China Sea: Implications for marine production of branched GDGTs and continental teleconnection. Organic Geochemistry, 2015, 79, 74-82.	0.9	27
59	Drastic changes in the distribution of branched tetraether lipids in suspended matter and sediments from the Yenisei River and Kara Sea (Siberia): Implications for the use of brGDGT-based proxies in coastal marine sediments. Geochimica Et Cosmochimica Acta, 2015, 165, 200-225.	1.6	71
60	Early Eocene paleosol developed from basalt in southeastern Australia: implications for paleoclimate. Arabian Journal of Geosciences, 2015, 8, 1281-1290.	0.6	11
61	Deep-sea benthic foraminiferal turnover during the earlyâ€"middle Eocene transition at Walvis Ridge (SE Atlantic). Palaeogeography, Palaeoclimatology, Palaeoecology, 2015, 417, 126-136.	1.0	8
62	A modelâ€"model and dataâ€"model comparison for the early Eocene hydrological cycle. Climate of the Past, 2016, 12, 455-481.	1.3	58
63	Major perturbations in the global carbon cycle and photosymbiont-bearing planktic foraminifera during the early Eocene. Climate of the Past, 2016, 12, 981-1007.	1.3	33
64	Nonâ€congruent fossil and phylogenetic evidence on the evolution of climatic niche in the Gondwana genus <i>Nothofagus</i>. Journal of Biogeography, 2016, 43, 555-567.	1.4	25
65	Pre-Gondwanan-breakup origin of <i>Beauprea</i> (Proteaceae) explains its historical presence in New Caledonia and New Zealand. Science Advances, 2016, 2, e1501648.	4.7	24
66	Mediterranean Biomes: Evolution of Their Vegetation, Floras, and Climate. Annual Review of Ecology, Evolution, and Systematics, 2016, 47, 383-407.	3.8	184
67	Robustness of fossil fish teeth for seawater neodymium isotope reconstructions under variable redox conditions in an ancient shallow marine setting. Geochemistry, Geophysics, Geosystems, 2016, 17, 679-698.	1.0	28
68	Erosion-driven uplift in the Gamburtsev Subglacial Mountains of East Antarctica. Earth and Planetary Science Letters, 2016, 452, 1-14.	1.8	28
69	Orchid historical biogeography, diversification, Antarctica and the paradox of orchid dispersal. Journal of Biogeography, 2016, 43, 1905-1916.	1.4	127
70	Major ontogenetic transitions during Volvox (Chlorophyta) evolution: when and where might they have occurred?. Development Genes and Evolution, 2016, 226, 349-354.	0.4	5
71	Flat meridional temperature gradient in the earlyÂEocene in the subsurface rather than surfaceÂocean. Nature Geoscience, 2016, 9, 606-610.	5.4	85
72	The Neogene rise of the tropical Andes facilitated diversification of wax palms (<i>Ceroxylon</i>:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 the Linnean Society, 2016, 182, 303-317.	0.8	38
73	The formation of the oceanic temperate forests of New Zealand. New Zealand Journal of Botany, 2016, 54, 128-155.	0.8	51
74	Antarctic Cenozoic climate history from sedimentary records: ANDRILL and beyond. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20140301.	1.6	36
75	Speciation, Ecological Opportunity, and Latitude. American Naturalist, 2016, 187, 1-18.	1.0	132

#	Article	IF	Citations
76	Macroevolutionary dynamics in the early diversification of Asteraceae. Molecular Phylogenetics and Evolution, 2016, 99, 116-132.	1.2	128
77	Contrasting palaeoenvironments of the mid/late Miocene Dunedin Volcano, southern New Zealand: Climate or topography?. Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 441, 696-703.	1.0	11
78	Dispersal of Vertebrates from Between the Americas, Antarctica, and Australia in the Late Cretaceous and Early Cenozoic. Springer Earth System Sciences, 2016, , 77-124.	0.1	17
79	A Brief History of South American Metatherians. Springer Earth System Sciences, 2016, , .	0.1	95
80	Eocene paleosols on King George Island, Maritime Antarctica: Macromorphology, micromorphology and mineralogy. Catena, 2017, 152, 69-81.	2.2	9
81	Mid-latitude continental temperatures through the early Eocene in western Europe. Earth and Planetary Science Letters, 2017, 460, 86-96.	1.8	49
82	Heterogeneity in global vegetation and terrestrial climate change during the late Eocene to early Oligocene transition. Scientific Reports, 2017, 7, 43386.	1.6	104
83	Eocene-Oligocene coals of the Gippsland and Australo-Antarctic basins â€" Paleoclimatic and paleogeographic context and implications for the earliest Cenozoic glaciations. Palaeogeography, Palaeoclimatology, Palaeoecology, 2017, 472, 236-255.	1.0	14
84	Middle Eocene CO₂and climate reconstructed from the sediment fill of a subarctic kimberlite maar. Geology, 2017, 45, 619-622.	2.0	31
85	Eocene paleobotanical altimetry of Victoria's Eastern Uplands. Australian Journal of Earth Sciences, 2017, 64, 625-637.	0.4	14
86	â€˜Back to <scp>A</scp>fricaâ€™: increased taxon sampling confirms a problematic <scp>A</scp>ustraliaâ€to â€<scp>A</scp>frica bee dispersal event in the <scp>E</scp>ocene. Systematic Entomology, 2017, 42, 724-733.	1.7	14
87	Antarctic climate, Southern Ocean circulation patterns, and deep water formation during the Eocene. Paleoceanography, 2017, 32, 674-691.	3.0	33
88	Historical Perspectives of the Global Carbon Cycle. , 2017, , 103-161.		0
89	Insights on the evolutionary origin of Detarioideae, a clade of ecologically dominant tropical African trees. New Phytologist, 2017, 214, 1722-1735.	3.5	50
90	Stepwise Evolution of a Buried Inhibitor Peptide over 45 My. Molecular Biology and Evolution, 2017, 34, 1505-1516.	3.5	45
91	Subtropical climate conditions and mangrove growth in Arctic Siberia during the early Eocene. Geology, 2017, 45, 539-542.	2.0	53
92	Phylogenomics and Morphology of Extinct Paleognaths Reveal the Origin and Evolution of the Ratites. Current Biology, 2017, 27, 68-77.	1.8	123
93	Planktic foraminiferal response to early Eocene carbon cycle perturbations in the southeast Atlantic Ocean (ODP Site 1263). Global and Planetary Change, 2017, 158, 119-133.	1.6	24

#	Article	IF	Citations
94	Did Photosymbiont Bleaching Lead to the Demise of Planktic Foraminifer <i>Morozovella</i> at the Early Eocene Climatic Optimum?. Paleoceanography, 2017, 32, 1115-1136.	3.0	16
95	Eocene temperature gradients. Nature Geoscience, 2017, 10, 538-539.	5.4	28
96	Reply to 'Eocene temperature gradients'. Nature Geoscience, 2017, 10, 539-540.	5.4	4
97	Vegetation and climate development of the New Jersey hinterland during the late Middle Miocene (IODP Expedition 313 Site M0027). Palaeogeography, Palaeoclimatology, Palaeoecology, 2017, 485, 854-868.	1.0	9
98	Systematics and evolution of the whirligig beetle tribe Dineutini (Coleoptera: Gyrinidae: Gyrininae). Zoological Journal of the Linnean Society, 2017, 181, 118-150.	1.0	20
99	Origin and biogeography of the ancient genus IsoÃ«tes with focus on the Neotropics. Botanical Journal of the Linnean Society, 2017, 185, 253-271.	0.8	29
100	A new quantitative approach to identify reworking in Eocene to Miocene pollen records from offshore Antarctica using red fluorescence and digital imaging. Biogeosciences, 2017, 14, 2089-2100.	1.3	14
101	Differentiation of highâ€latitude and polar marine faunas in a greenhouse world. Global Ecology and Biogeography, 2018, 27, 518-537.	2.7	7
102	The last forests on Antarctica: Reconstructing flora and temperature from the Neogene Sirius Group, Transantarctic Mountains. Organic Geochemistry, 2018, 118, 4-14.	0.9	24
103	Southern Ocean warming and Wilkes Land ice sheet retreat during the mid-Miocene. Nature Communications, 2018, 9, 317.	5.8	80
104	Sea-level and surface-water change in the western North Atlantic across the Oligoceneâ€"Miocene Transition: A palynological perspective from IODP Site U1406 (Newfoundland margin). Marine Micropaleontology, 2018, 139, 57-71.	0.5	17
105	A new, large-bodied omnivorous bat (Noctilionoidea: Mystacinidae) reveals lost morphological and ecological diversity since the Miocene in New Zealand. Scientific Reports, 2018, 8, 235.	1.6	23
106	Paleobotany and Global Change: Important Lessons for Species to Biomes from Vegetation Responses to Past Global Change. Annual Review of Plant Biology, 2018, 69, 761-787.	8.6	38
107	First insights on the biogeographical history of Phlegmariurus (Lycopodiaceae), with a focus on Madagascar. Molecular Phylogenetics and Evolution, 2018, 127, 488-501.	1.2	25
108	The relation between global palm distribution and climate. Scientific Reports, 2018, 8, 4721.	1.6	73
109	The pre-glacial landscape of Antarctica. Scottish Geographical Journal, 2018, 134, 203-223.	0.4	13
110	What was the vegetation in northwest Australia during the Paleogene, 66â€"23million years ago?. Australian Journal of Botany, 2018, 66, 556.	0.3	12
111	Reconstructing Paleoclimate and Paleoecology Using Fossil Leaves. Vertebrate Paleobiology and Paleoanthropology, 2018, , 289-317.	0.1	47

#	Article	IF	Citations
112	Warm Terrestrial Subtropics During the Paleocene and Eocene: Carbonate Clumped Isotope (Î”₄₇) Evidence From the Tornillo Basin, Texas (USA). Paleoceanography and Paleoclimatology, 2018, 33, 1230-1249.	1.3	9
113	Paleoceanography and ice sheet variability offshore Wilkes Land, Antarctica â€“ Part 3: Insights from Oligoceneâ€“Miocene TEX₈₆-based sea surface temperature reconstructions. Climate of the Past, 2018, 14, 1275-1297.	1.3	42
114	Protein evolution revisited. Systems Biology in Reproductive Medicine, 2018, 64, 403-416.	1.0	10
115	Temperature dependency of metabolic rates in the upper ocean: A positive feedback to global climate change?. Global and Planetary Change, 2018, 170, 201-212.	1.6	62
116	Synchronous tropical and polar temperature evolution in the Eocene. Nature, 2018, 559, 382-386.	13.7	185
117	High temperatures in the terrestrial mid-latitudes during the early Palaeogene. Nature Geoscience, 2018, 11, 766-771.	5.4	67
118	Cretaceous to Paleogene Vegetation Transition in Antarctica. , 2018, , 645-659.		1
119	Into the ice age. Nature Geoscience, 2018, 11, 624-625.	5.4	1
120	Angiosperm fossil woods from the Upper Cretaceous of Western Antarctica (Santa Marta Formation). Cretaceous Research, 2018, 90, 349-362.	0.6	16
121	The DeepMIP contribution to PMIP4: methodologies for selection, compilation and analysis of latest Paleocene and early Eocene climate proxy data, incorporating version 0.1 of the DeepMIP database. Geoscientific Model Development, 2019, 12, 3149-3206.	1.3	131
123	Keeping an Eye on Antarctic Ice Sheet Stability. Oceanography, 2019, 32, 32-46.	0.5	20
124	Fossil palm fruits from India indicate a Cretaceous origin of Arecaceae tribe Borasseae. Botanical Journal of the Linnean Society, 2019, 190, 260-280.	0.8	30
125	The grass subfamily Pooideae: Cretaceousâ€“Palaeocene origin and climateâ€driven Cenozoic diversification. Global Ecology and Biogeography, 2019, 28, 1168-1182.	2.7	41
126	LATITUDINAL PATTERNS OF GASTROPOD DRILLING PREDATION INTENSITY THROUGH TIME. Palaios, 2019, 34, 261-270.	0.6	14
127	Arctic vegetation, temperature, and hydrology during Early Eocene transient global warming events. Global and Planetary Change, 2019, 178, 139-152.	1.6	68
128	Frozen Antarctic path for dispersal initiated parallel host-parasite evolution on different continents. Molecular Phylogenetics and Evolution, 2019, 135, 67-77.	1.2	9
129	Comment on â€œEocene Fagaceae from Patagonia and Gondwanan legacy in Asian rainforestsâ€. Science, 2019, 366, .	6.0	3
130	Terrestrial cooling record through the Eocene-Oligocene transition of Australia. Global and Planetary Change, 2019, 173, 61-72.	1.6	30

#	Article	IF	Citations
131	Lipid biomarker distributions in Oligocene and Miocene sediments from the Ross Sea region, Antarctica: Implications for use of biomarker proxies in glacially-influenced settings. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 516, 71-89.	1.0	18
132	New species from the Sabrina Flora: an early Paleogene pollen and spore assemblage from the Sabrina Coast, East Antarctica. Palynology, 2019, 43, 650-659.	0.7	9
133	Paleoproductivity Reconstructions for the Paleogene Southern Ocean: A Direct Comparison of Geochemical and Micropaleontological Proxies. Paleoceanography and Paleoclimatology, 2019, 34, 79-97.	1.3	6
134	Polyploidy as a mechanism for surviving global change. New Phytologist, 2019, 221, 5-6.	3.5	28
135	The Role of Antarctica in Biogeographical Reconstruction: A Point of View. International Journal of Plant Sciences, 2019, 180, 63-71.	0.6	16
136	Sedimentary processes and facies on a high-latitude passive continental margin, Wilkes Land, East Antarctica. Geological Society Special Publication, 2019, 475, 181-201.	0.8	9
137	<i>Araucaria</i> bract-scale complex and associated foliage from the early-middle Eocene of Antarctica and their implications for Gondwanan biogeography. Historical Biology, 2020, 32, 164-173.	0.7	5
138	A long-term, high-latitude record of Eocene hydrological change in the Greenland region. Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 537, 109378.	1.0	8
139	Reticulate Evolution Helps Explain Apparent Homoplasy in Floral Biology and Pollination in Baobabs (Adansonia; Bombacoideae; Malvaceae). Systematic Biology, 2020, 69, 462-478.	2.7	32
140	Early evolution of Coriariaceae (Cucurbitales) in light of a new early Campanian (ca. 82 Mya) pollen record from Antarctica. Taxon, 2020, 69, 87-99.	0.4	7
141	The importance of the Mexican taxa of Asteraceae in the family phylogeny. Journal of Systematics and Evolution, 2020, 59, 935.	1.6	4
142	New physaloid fruitâ€fossil species from early Eocene South America. American Journal of Botany, 2020, 107, 1749-1762.	0.8	13
143	Phylogeny and biogeography of the Daniellia clade (Leguminosae: Detarioideae), a tropical tree lineage largely threatened in Africa and Madagascar. Molecular Phylogenetics and Evolution, 2020, 146, 106752.	1.2	6
144	Climate change winners and losers: The effects of climate change on five palm species in the Southeastern United States. Ecology and Evolution, 2020, 10, 10408-10425.	0.8	9
145	A high-resolution record of environmental changes from a Cretaceous-Paleogene section of Seymour Island, Antarctica. Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 555, 109844.	1.0	18
146	Population Genomics Advances and Opportunities in Conservation of Kiwi (Apteryx spp.). Population Genomics, 2020, , 493-521.	0.2	6
147	Transitions between biomes are common and directional in Bombacoideae (Malvaceae). Journal of Biogeography, 2020, 47, 1310-1321.	1.4	26
148	Demise of the Planktic Foraminifer Genus Morozovella during the Early Eocene Climatic Optimum: New Records from ODP Site 1258 (Demerara Rise, Western Equatorial Atlantic) and Site 1263 (Walvis) Tj ETQq1 1 0.784314 rg BT /Ov	1.0	11

#	Article	IF	Citations
149	Early Cenozoic evolution of the latitudinal diversity gradient. Earth-Science Reviews, 2020, 202, 103090.	4.0	19
150	Temperate rainforests near the South Pole during peak Cretaceous warmth. Nature, 2020, 580, 81-86.	13.7	69
151	Plastome evolution and phylogenetic relationships among Malvaceae subfamilies. Gene, 2021, 765, 145103.	1.0	27
152	Rapid expansion of meso-megathermal rain forests into the southern high latitudes at the onset of the Paleocene-Eocene Thermal Maximum. Geology, 2021, 49, 40-44.	2.0	24
153	The Eoceneâ€“Oligocene transition: a review of marine and terrestrial proxy data, models and modelâ€“data comparisons. Climate of the Past, 2021, 17, 269-315.	1.3	90
154	Global Lessons. , 2021, , 89-172.		0
155	Sporopollenin chemistry and its durability in the geological record: an integration of extant and fossil chemical data across the seed plants. Palaeontology, 2021, 64, 285-305.	1.0	15
156	Fossil palm reading: using fruits to reveal the deep roots of palm diversity. American Journal of Botany, 2021, 108, 472-494.	0.8	14
157	Evolutionary history of Carnivora (Mammalia, Laurasiatheria) inferred from mitochondrial genomes. PLoS ONE, 2021, 16, e0240770.	1.1	43
158	Molecular phylogeny of Megasternini terrestrial water scavenger beetles (Hydrophilidae) reveals repeated continental interchange during <scp>Paleoceneâ€Eocene</scp> thermal maximum. Systematic Entomology, 2021, 46, 570-591.	1.7	4
159	An Indomalesian origin in the Miocene for the diphyletic New World jewel orchids (Goodyerinae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 Neotropical genera. Botanical Journal of the Linnean Society, 2021, 197, 322-349.	0.8	5
160	The Sabrina microfloras of East Antarctica: Late Cretaceous, Paleogene or reworked?. Palynology, 0, , 1-8.	0.7	2
161	A review of Antarctic ice sheet fluctuations records during Cenozoic and its cause and effect relation with the climatic conditions. Polar Science, 2021, 30, 100720.	0.5	8
162	Landslides in the Transantarctic Mountains: lower Jurassic and older strata displaced in late Mesozoic to late Cenozoic time. New Zealand Journal of Geology, and Geophysics, 0, , 1-15.	1.0	0
165	Mangrove distribution and diversity during three Cenozoic thermal maxima in the Northern Hemisphere (pollen records from the Arcticâ€“North Atlanticâ€“Mediterranean regions). Journal of Biogeography, 2021, 48, 2771-2784.	1.4	8
166	Leaf fossils of Sabalites (Arecaceae) from the Oligocene of northern Vietnam and their paleoclimatic implications. Plant Diversity, 2022, 44, 406-416.	1.8	9
167	Palaeoenvironmental and palaeobiogeographical implications of fossil seeds and charophytes from the Lameta Formation (Late Cretaceous), Jabalpur, Madhya Pradesh, India. Palaeoworld, 2021, , .	0.5	0
168	Noâ€analogue associations in the fossil record of southern conifers reveal conservatism in precipitation, but not temperature axes. Global Ecology and Biogeography, 2021, 30, 2455.	2.7	0

#	Article	IF	Citations
170	Novel classification and biogeography of Leptolejeunea (Lejeuneaceae, Marchantiophyta) with implications for the origin and evolution of the Asian evergreen broadâ€leaved forests. Journal of Systematics and Evolution, 0, , .	1.6	3
171	Short-term climate and vegetation dynamics in Lena River Delta (northern Yakutia, Eastern Siberia) during early Eocene. Palaeoworld, 2022, 31, 521-541.	0.5	5
172	Dextral to sinistral coiling switch in planktic foraminifer Morozovella during the Early Eocene Climatic Optimum. Global and Planetary Change, 2021, 206, 103634.	1.6	1
173	Climate Change Patterns. , 2021, , 175-221.		2
174	Phylotranscriptomics in Cucurbitaceae Reveal Multiple Whole-Genome Duplications and Key Morphological and Molecular Innovations. Molecular Plant, 2020, 13, 1117-1133.	3.9	89
176	Evidence for subtropical warmth in the Canadian Arctic (Beaufort-Mackenzie, Northwest Territories,) Tj ETQq1 1 0.784314 rgBT /Overlo		6
177	The Early Origin of the Antarctic Marine Fauna and Its Evolutionary Implications. PLoS ONE, 2014, 9, e114743.	1.1	31
178	Antifreeze protein dispersion in eelpouts and related fishes reveals migration and climate alteration within the last 20 Ma. PLoS ONE, 2020, 15, e0243273.	1.1	6
179	Expedition 371 summary. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	10
181	Late Eocene to middle Miocene (33 to 13 million years ago) vegetation and climate development on the North American Atlantic Coastal Plain (IODP Expedition 313, Site M0027). Climate of the Past, 2014, 10, 1523-1539.	1.3	34
182	Surface-circulation change in the southwest Pacific Ocean across the Middle Eocene Climatic Optimum: inferences from dinoflagellate cysts and biomarker paleothermometry. Climate of the Past, 2020, 16, 1667-1689.	1.3	17
187	Stratigraphic calibration of Oligoceneâ€"Miocene organic-walled dinoflagellate cysts from offshore Wilkes Land, East Antarctica, and a zonation proposal. Journal of Micropalaeontology, 2018, 37, 105-138.	1.3	32
188	Identification of the Paleoceneâ€"Eocene boundary in coastal strata in the Otway Basin, Victoria, Australia. Journal of Micropalaeontology, 2018, 37, 317-339.	1.3	21
189	A review of the ecological affinities of marine organic microfossils from a Holocene record offshore of AdÃ©lie Land (East Antarctica). Journal of Micropalaeontology, 2018, 37, 445-497.	1.3	14
190	Ancient Sea Level as Key to the Future. Oceanography, 2020, 33, .	0.5	23
191	Latitudinal landâ€"sea distributions and global surface albedo since the Cretaceous. Palaeogeography, Palaeoclimatology, Palaeoecology, 2022, 585, 110718.	1.0	3
194	Ocean Drilling. , 2014, , 1-16.		0
195	Ocean Drilling. , 2015, , 1-15.		0

#	Article	IF	Citations
196	Ocean Drilling. , 2015, , 1-15.		0
197	Ocean Drilling. , 2015, , 1-15.		0
199	Data report: no alkenones detected by shore-based GC-MS analyses of Eocene samples from Site U1356. Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program, 0, , .	1.0	0
200	Paleoenvironments. Encyclopedia of Earth Sciences Series, 2017, , 1-4.	0.1	0
202	Paleoenvironments. Encyclopedia of Earth Sciences Series, 2018, , 1160-1163.	0.1	0
205	Late Eoceneâ€“early Miocene evolution of the southern Australian subtropical front: a marine palynological approach. Journal of Micropalaeontology, 2021, 40, 175-193.	1.3	9
206	Past Antarctic ice sheet dynamics (PAIS) and implications for future sea-level change. , 2022, , 689-768.		6
207	The Eocene-Oligocene boundary climate transition: an Antarctic perspective. , 2022, , 297-361.		4
208	Cenozoic history of Antarctic glaciation and climate from onshore and offshore studies. , 2022, , 41-164.		3
210	Late Pliocene continental climate and vegetation variability in the Arctic-Atlantic gateway region prior to the intensification of Northern Hemisphere glaciations. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 586, 110746.	1.0	2
211	Snapshots of pre-glacial paleoenvironmental conditions along the Sabrina Coast, East Antarctica: New palynological and biomarker evidence. Geobios, 2022, 70, 1-16.	0.7	2
213	Maastrichtianâ€“Rupelian paleoclimates in the southwest Pacific â€“ a critical re-evaluation of biomarker paleothermometry and dinoflagellate cyst paleoecology at Ocean Drilling Program Site 1172. Climate of the Past, 2021, 17, 2393-2425.	1.3	14
214	Geochemical indications for the Paleocene-Eocene Thermal Maximum (PETM) and Eocene Thermal Maximum 2 (ETM-2) hyperthermals in terrestrial sediments of the Canadian Arctic. , 2022, 18, 327-349.		5
216	Enhanced Terrestrial Carbon Export From East Antarctica During the Early Eocene. Paleoceanography and Paleoclimatology, 2022, 37, .	1.3	3
217	The Evolution and Fossil Record of Palaeognathous Birds (Neornithes: Palaeognathae). Diversity, 2022, 14, 105.	0.7	14
218	Expedition 378 summary. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	0
219	Vegetation change across the Drake Passage region linked to late Eocene cooling and glacial disturbance after the Eoceneâ€“Oligocene transition. Climate of the Past, 2022, 18, 209-232.	1.3	11
220	Site U1553. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	4

#	Article	IF	Citations
221	Warm deep-sea temperatures across Eocene Thermal Maximum 2 from clumped isotope thermometry. Communications Earth & Environment, 2022, 3, .	2.6	10
222	Early Eocene Ocean Meridional Overturning Circulation: The Roles of Atmospheric Forcing and Strait Geometry. Paleoceanography and Paleoclimatology, 2022, 37, .	1.3	11
223	Long-distance dispersal of pigeons and doves generated new ecological opportunities for host-switching and adaptive radiation by their parasites. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20220042.	1.2	13
224	Eocene to Oligocene vegetation and climate in the Tasmanian Gateway region were controlled by changes in ocean currents and <i>p</i>CO₂. Climate of the Past, 2022, 18, 525-546.	1.3	6
225	Evolutionary and Biogeographical History of Penguins (Sphenisciformes): Review of the Dispersal Patterns and Adaptations in a Geologic and Paleoecological Context. Diversity, 2022, 14, 255.	0.7	2
226	Origin of the tropicalâ€“polar biodiversity contrast. Global Ecology and Biogeography, 2022, 31, 1207-1227.	2.7	4
227	Plant Proxy Evidence for High Rainfall and Productivity in the Eocene of Australia. Paleoceanography and Paleoclimatology, 2022, 37, .	1.3	7
228	Origin of an antifreeze protein gene in response to Cenozoic climate change. Scientific Reports, 2022, 12, .	1.6	1
230	Was the K/Pg boundary <i>Classopollis</i> â€˜spikeâ€™ a singular event? A review of global palynological records suggests otherwise, with potentially broad implications. Rocky Mountain Geology, 2022, 57, 35-47.	0.4	3
231	Formal recognition of extinct Antarctic polar forests as a distinct biome. Antarctic Science, 0, , 1-5.	0.5	1
232	Comprehensive Metabolic and Taxonomic Reconstruction of an Ancient Microbial Mat From the McMurdo Ice Shelf (Antarctica) by Integrating Genetic, Metaproteomic and Lipid Biomarker Analyses. Frontiers in Microbiology, 0, 13, .	1.5	7
233	A new gecko from the earliest Eocene of Dormaal, Belgium: a thermophilic element of the â€˜greenhouse worldâ€™. Royal Society Open Science, 2022, 9, .	1.1	6
234	Terrestrial Climate and Vegetation Change in the Western Tasmanian Region from the Late Eocene to Late Oligocene. SSRN Electronic Journal, 0, , .	0.4	0
235	Improved Modelâ€Data Agreement With Strongly Eddying Ocean Simulations in the Middleâ€Late Eocene. Paleoceanography and Paleoclimatology, 2022, 37, .	1.3	7
237	Early Paleogene continental temperature patterns and gradients over eastern Eurasia. Journal of Asian Earth Sciences, 2022, 239, 105401.	1.0	2
238	A proto-monsoonal climate in the late Eocene of Southeast Asia: Evidence from a sedimentary record in central Myanmar. Geoscience Frontiers, 2023, 14, 101457.	4.3	5
240	A Parasitoid Puzzle: Phylogenomics, Total-evidence Dating, and the Role of Gondwanan Vicariance in the Diversification of Labeninae (Hymenoptera, Ichneumonidae). Insect Systematics and Diversity, 2022, 6, .	0.7	2
241	Cenozoic Proxy Constraints on Earth System Sensitivity to Greenhouse Gases. Paleoceanography and Paleoclimatology, 2022, 37, .	1.3	2

#	Article	IF	Citations
242	Geological timeline of significant events on Earth. , 2023, , 55-114.		1
243	Revisiting the Geographical Extent of Exceptional Warmth in the Early Paleogene Southern Ocean. Paleoceanography and Paleoclimatology, 2023, 38, .	1.3	0
244	Poleward amplification, seasonal rainfall and forest heterogeneity in the Miocene of the eastern USA. Global and Planetary Change, 2023, 222, 104073.	1.6	0
245	Diversity, taxonomy, and history of the tropical fern genus <i>Didymoglossum</i> Desv. (Hymenophyllaceae, Polypodiidae) in Africa. Journal of Systematics and Evolution, 2024, 62, 84-101.	1.6	0
246	Iguanian lizards (Acrodonta and Pleurodonta) from the earliest Eocene (MP 7) of Dormaal, Belgium: the first stages of these iconic reptiles in Europe. Journal of Vertebrate Paleontology, 2022, 42, .	0.4	3
261	Origin and Evolution of Birds. Fascinating Life Sciences, 2023, , 1-154.	0.5	0