James C Zachos

List of Publications by Year
in descending order

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176	34,851	5268	4645
papers	citations	h-index	g-index

184	184	184	16514
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Trends, Rhythms, and Aberrations in Global Climate 65 Ma to Present. Science, 2001, 292, 686-693.	12.6	8,416
2	An early Cenozoic perspective on greenhouse warming and carbon-cycle dynamics. Nature, 2008, 451, 279-283.	27.8	2,725
3	Rapid Acidification of the Ocean During the Paleocene-Eocene Thermal Maximum. Science, 2005, 308, 1611-1615.	12.6	943
4	Target Atmospheric CO: Where Should Humanity Aim?. The Open Atmospheric Science Journal, 2008, 2, 217-231.	0.5	893
5	The Geological Record of Ocean Acidification. Science, 2012, 335, 1058-1063.	12.6	828
6	An astronomically dated record of Earthâ€™s climate and its predictability over the last 66 million years. Science, 2020, 369, 1383-1387.	12.6	791
7	Marked Decline in Atmospheric Carbon Dioxide Concentrations During the Paleogene. Science, 2005, 309, 600-603.	12.6	774
8	Evolution of Early Cenozoic marine temperatures. Paleoceanography, 1994, 9, 353-387.	3.0	652
9	Correlation between isotope records in marine and continental carbon reservoirs near the Palaeocene/Eocene boundary. Nature, 1992, 358, 319-322.	27.8	557
10	A Transient Rise in Tropical Sea Surface Temperature During the Paleocene-Eocene Thermal Maximum. Science, 2003, 302, 1551-1554.	12.6	554
11	Astronomical pacing of late Palaeocene to early Eocene global warming events. Nature, 2005, 435, 1083-1087.	27.8	492
12	Assessing â€œDangerous Climate Changeâ€• Required Reduction of Carbon Emissions to Protect Young People, Future Generations and Nature. PLoS ONE, 2013, 8, e81648.	2.5	448
13	Abrupt Climate Change and Transient Climates during the Paleogene: A Marine Perspective. Journal of Geology, 1993, 101, 191-213.	1.4	437
14	Climate Response to Orbital Forcing Across the Oligocene-Miocene Boundary. Science, 2001, 292, 274-278.	12.6	433
15	High-resolution (104years) deep-sea foraminiferal stable isotope records of the Eocene-Oligocene climate transition. Paleoceanography, 1996, 11, 251-266.	3.0	368
16	Carbon dioxide forcing alone insufficient to explain Palaeoceneâ€“Eocene Thermal Maximum warming. Nature Geoscience, 2009, 2, 576-580.	12.9	367
17	Early Palaeogene temperature evolution of the southwest Pacific Ocean. Nature, 2009, 461, 776-779.	27.8	325
18	Significant Southern Ocean warming event in the late middle Eocene. Geology, 2003, 31, 1017.	4.4	322

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19	Geochemical evidence for suppression of pelagic marine productivity at the Cretaceous/Tertiary boundary. Nature, 1989, 337, 61-64.	27.8	321
20	Early Cenozoic decoupling of the global carbon and sulfur cycles. Paleoceanography, 2003, 18, n/a-n/a.	3.0	319
21	On the duration of the Paleoceneâ€Eocene thermal maximum (PETM). Geochemistry, Geophysics, Geosystems, 2007, 8, .	2.5	318
22	Warming the fuel for the fire: Evidence for the thermal dissociation of methane hydrate during the Paleocene-Eocene thermal maximum. Geology, 2002, 30, 1067.	4.4	301
23	Environmental precursors to rapid light carbon injection at the Palaeocene/Eocene boundary. Nature, 2007, 450, 1218-1221.	27.8	296
24	Anthropogenic carbon release rate unprecedented during the past 66 million years. Nature Geoscience, 2016, 9, 325-329.	12.9	295
25	Extreme warming of mid-latitude coastal ocean during the Paleocene-Eocene Thermal Maximum: Inferences from TEX86 and isotope data. Geology, 2006, 34, 737.	4.4	292
26	A humid climate state during the Palaeocene/Eocene thermal maximum. Nature, 2004, 432, 495-499.	27.8	266
27	Tempo and scale of late Paleocene and early Eocene carbon isotope cycles: Implications for the origin of hyperthermals. Earth and Planetary Science Letters, 2010, 299, 242-249.	4.4	256
28	Coupled greenhouse warming and deepâ€sea acidification in the middle Eocene. Paleoceanography, 2009, 24, .	3.0	251
29	Rapid diversification of planktonic foraminifera in the tropical Pacific (ODP Site 865) during the late Paleocene thermal maximum. Geology, 1996, 24, 423.	4.4	250
30	Making sense of palaeoclimate sensitivity. Nature, 2012, 491, 683-691.	27.8	247
31	Organic Carbon Fluxes and Ecological Recovery from the Cretaceous-Tertiary Mass Extinction. , 1998, 282, 276-279.		241
32	Carbon Emissions and Acidification. Science, 2008, 321, 51-52.	12.6	233
33	Stable isotope stratigraphy and paleoclimatology of the Paleogene Bighorn Basin (Wyoming, USA). Palaeogeography, Palaeoclimatology, Palaeoecology, 1995, 115, 61-89.	2.3	225
34	Early Oligocene ice-sheet expansion on Antarctica: Stable isotope and sedimentological evidence from Kerguelen Plateau, southern Indian Ocean. Geology, 1992, 20, 569.	4.4	205
35	Late Paleocene to Eocene paleoceanography of the equatorial Pacific Ocean: Stable isotopes recorded at Ocean Drilling Program Site 865, Allison Guyot. Paleoceanography, 1995, 10, 841-865.	3.0	205
36	Shelf and open-ocean calcareous phytoplankton assemblages across the Paleocene-Eocene Thermal Maximum: Implications for global productivity gradients. Geology, 2006, 34, 233.	4.4	204

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37	Multiple early Eocene hyperthermals: Their sedimentary expression on the New Zealand continental margin and in the deep sea. Geology, 2007, 35, 699.	4.4	200
38	Early Paleogene temperature history of the Southwest Pacific Ocean: Reconciling proxies and models. Earth and Planetary Science Letters, 2012, 349-350, 53-66.	4.4	194
39	Orbitally paced climate oscillations across the Oligocene/Miocene boundary. Nature, 1997, 388, 567-570.	27.8	192
40	On the duration of magnetochrons C24r and C25n and the timing of early Eocene global warming events: Implications from the Ocean Drilling Program Leg 208 Walvis Ridge depth transect. Paleoceanography, 2007, 22, .	3.0	183
41	On impact and volcanism across the Cretaceous-Paleogene boundary. Science, 2020, 367, 266-272.	12.6	178
42	Paleoceanography of the Cretaceous/Tertiary Boundary Event: Inferences from stable isotopic and other data. Paleoceanography, 1986, 1, 5-26.	3.0	176
43	North American continental margin records of the Paleoceneâ€Eocene thermal maximum: Implications for global carbon and hydrological cycling. Paleoceanography, 2008, 23, .	3.0	176
44	Rapid and sustained surface ocean acidification during the Paleoceneâ€Eocene Thermal Maximum. Paleoceanography, 2014, 29, 357-369.	3.0	176
45	Global change at the Paleocene-Eocene boundary: climatic and evolutionary consequences of tectonic events. Palaeogeography, Palaeoclimatology, Palaeoecology, 1990, 79, 117-128.	2.3	172
46	Evolutionary consequences of the latest Paleocene thermal maximum for tropical planktonic foraminifera. Palaeogeography, Palaeoclimatology, Palaeoecology, 1998, 141, 139-161.	2.3	172
47	Tropical sea temperatures in the high-latitude South Pacific during the Eocene. Geology, 2009, 37, 99-102.	4.4	169
48	High-resolution records of the late Paleocene thermal maximum and circum-Caribbean volcanism: Is there a causal link?. Geology, 1997, 25, 963.	4.4	167
49	Eustatic variations during the Paleoceneâ€Eocene greenhouse world. Paleoceanography, 2008, 23, .	3.0	167
50	Glass from the Cretaceous/Tertiary boundary in Haiti. Nature, 1991, 349, 482-487.	27.8	164
51	ATMOSPHERE: An Ancient Carbon Mystery. Science, 2006, 314, 1556-1557.	12.6	162
52	A complete highâ€resolution Paleocene benthic stable isotope record for the central Pacific (ODP Site) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.0	149
53	An extraterrestrial 3He-based timescale for the Paleoceneâ€“Eocene thermal maximum (PETM) from Walvis Ridge, IODP Site 1266. Geochimica Et Cosmochimica Acta, 2010, 74, 5098-5108.	3.9	142
54	Latest on the absolute age of the Paleoceneâ€“Eocene Thermal Maximum (PETM): New insights from exact stratigraphic position of key ash layers + 19 and â˜’ 17. Earth and Planetary Science Letters, 2009, 287, 412-419.	4.4	140

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55	Carbon cycle feedbacks and the initiation of Antarctic glaciation in the earliest Oligocene. Global and Planetary Change, 2005, 47, 51-66.	3.5	139
56	Latest Eoceneâ€“Early Oligocene climate change and Southern Ocean fertility: inferences from sediment accumulation and stable isotope data. Palaeogeography, Palaeoclimatology, Palaeoecology, 1999, 145, 61-77.	2.3	132
57	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.	3.6	131
58	Possible methane-induced polar warming in the early Eocene. Nature, 1992, 357, 320-322.	27.8	130
59	A high-resolution benthic stable-isotope record for the South Atlantic: Implications for orbital-scale changes in Late Paleoceneâ€“Early Eocene climate and carbon cycling. Earth and Planetary Science Letters, 2014, 401, 18-30.	4.4	130
60	Orbitally induced climate and geochemical variability across the Oligocene/Miocene boundary. Paleoceanography, 2000, 15, 471-485.	3.0	128
61	High-resolution deep-sea carbon and oxygen isotope records of Eocene Thermal Maximum 2 and H2. Geology, 2010, 38, 607-610.	4.4	128
62	Enhanced terrestrial weathering/runoff and surface ocean carbonate production during the recovery stages of the Paleocene-Eocene thermal maximum. Paleoceanography, 2005, 20, n/a-n/a.	3.0	123
63	Astronomic calibration of the late Oligocene through early Miocene geomagnetic polarity time scale. Earth and Planetary Science Letters, 2004, 224, 33-44.	4.4	120
64	A model for orbital pacing of methane hydrate destabilization during the Palaeogene. Nature Geoscience, 2011, 4, 775-778.	12.9	119
65	New evidence for subtropical warming during the Late Paleocene thermal maximum: Stable isotopes from Deep Sea Drilling Project Site 527, Walvis Ridge. Paleoceanography, 1999, 14, 561-570.	3.0	118
66	Extended orbitally forced palaeoclimatic records from the equatorial Atlantic Ceara Rise. Quaternary Science Reviews, 2006, 25, 3138-3149.	3.0	118
67	Astronomical calibration age for the Oligocene-Miocene boundary. Geology, 2000, 28, 447.	4.4	117
68	Antarctic Ice Sheet variability across the Eocene-Oligocene boundary climate transition. Science, 2016, 352, 76-80.	12.6	116
69	Global Extent of Early Eocene Hyperthermal Events: A New Pacific Benthic Foraminiferal Isotope Record From Shatsky Rise (ODP Site 1209). Paleoceanography and Paleoclimatology, 2018, 33, 626-642.	2.9	116
70	Orbital chronology of Early Eocene hyperthermals from the Contessa Road section, central Italy. Earth and Planetary Science Letters, 2010, 290, 192-200.	4.4	114
71	Global climate change and North American mammalian evolution. Paleobiology, 2000, 26, 259-288.	2.0	113
72	Reversed deepâ€sea carbonate ion basin gradient during Paleoceneâ€Eocene thermal maximum. Paleoceanography, 2007, 22, .	3.0	111

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73	Early cenozoic glaciation, antarctic weathering, and seawater 87Sr/86Sr: is there a link?. Chemical Geology, 1999, 161, 165-180.	3.3	108
74	Stable isotopic signals and photosymbiosis in Late Paleocene planktic foraminifera. Paleobiology, 1994, 20, 391-406.	2.0	107
75	Rapid carbon sequestration at the termination of the Palaeoceneâ€“Eocene Thermal Maximum. Nature Geoscience, 2010, 3, 866-869.	12.9	105
76	The Palaeoceneâ€“Eocene carbon isotope excursion: constraints from individual shell planktonic foraminifer records. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2007, 365, 1829-1842.	3.4	102
77	Foraminiferal Mg/Ca evidence for Southern Ocean cooling across the Eoceneâ€“Oligocene transition. Earth and Planetary Science Letters, 2012, 317-318, 251-261.	4.4	101
78	Tropical sea-surface temperature reconstruction for the early Paleogene using Mg/Ca ratios of planktonic foraminifera. Paleoceanography, 2003, 18, n/a-n/a.	3.0	100
79	Pelagic evolution and environmental recovery after the Cretaceous-Paleogene mass extinction. Geology, 2006, 34, 297.	4.4	96
80	Growth and high-resolution paleoenvironmental signals of rhodoliths (coralline red algae): A new biogenic archive. Journal of Geophysical Research, 2000, 105, 22107-22116.	3.3	95
81	Depth dependency of the Paleoceneâ€Eocene carbon isotope excursion: Paired benthic and terrestrial biomarker records (Ocean Drilling Program Leg 208, Walvis Ridge). Geochemistry, Geophysics, Geosystems, 2008, 9, .	2.5	95
82	Global climate change and North American mammalian evolution. Paleobiology, 2000, 26, 259-288.	2.0	93
83	Eocene hyperthermal event offers insight into greenhouse warming. Eos, 2006, 87, 165.	0.1	91
84	The DeepMIP contribution to PMIP4: experimental design for model simulations of the EECO, PETM, and pre-PETM (version 1.0). Geoscientific Model Development, 2017, 10, 889-901.	3.6	90
85	Astronomical calibration of the Ypresian timescale: implications for seafloor spreading rates and the chaotic behavior of the solar system?. Climate of the Past, 2017, 13, 1129-1152.	3.4	90
86	A Highâ€Fidelity Benthic Stable Isotope Record of Late Cretaceousâ€“Early Eocene Climate Change and Carbonâ€Cycling. Paleoceanography and Paleoclimatology, 2019, 34, 672-691.	2.9	90
87	Frequency, magnitude and character of hyperthermal events at the onset of the Early Eocene Climatic Optimum. Climate of the Past, 2015, 11, 1313-1324.	3.4	84
88	Carbon sequestration during the Palaeoceneâ€“Eocene Thermal Maximum by an efficient biological pump. Nature Geoscience, 2014, 7, 382-388.	12.9	83
89	A new high-resolution chronology for the late Maastrichtian warming event: Establishing robust temporal links with the onset of Deccan volcanism. Geology, 2018, 46, 147-150.	4.4	75
90	Long-term legacy of massive carbon input to the Earth system: Anthropocene versus Eocene. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2013, 371, 20120006.	3.4	73

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91	An abyssal carbonate compensation depth overshoot in the aftermath of the Palaeoceneâ€“Eocene Thermal Maximum. Nature Geoscience, 2016, 9, 575-580.	12.9	73
92	Two-stepping into the icehouse: East Antarctic weathering during progressive ice-sheet expansion at the Eoceneâ€“Oligocene transition. Geology, 2011, 39, 383-386.	4.4	72
93	Late Paleocene Arctic coastal climate inferred from molluscan stable and radiogenic isotope ratios. Palaeogeography, Palaeoclimatology, Palaeoecology, 2001, 170, 101-113.	2.3	71
94	Astronomical calibration of the geological timescale: closing the middle Eocene gap. Climate of the Past, 2015, 11, 1181-1195.	3.4	71
95	Experimental evidence for kinetic effects on B/Ca in synthetic calcite: Implications for potential B(OH)4â^' and B(OH)3 incorporation. Geochimica Et Cosmochimica Acta, 2015, 150, 171-191.	3.9	71
96	Large-Amplitude Variations in Carbon Cycling and Terrestrial Weathering during the Latest Paleocene and Earliest Eocene: The Record at Mead Stream, New Zealand. Journal of Geology, 2012, 120, 487-505.	1.4	70
97	Was the late Paleocene thermal maximum a unique event?. Gff, 2000, 122, 169-170.	1.2	68
98	Anomalous shifts in tropical Pacific planktonic and benthic foraminiferal test size during the Paleoceneâ€“Eocene thermal maximum. Palaeogeography, Palaeoclimatology, Palaeoecology, 2006, 237, 456-464.	2.3	67
99	A biogenic origin for anomalous fineâ€grained magnetic material at the Paleoceneâ€Eocene boundary at Wilson Lake, New Jersey. Paleoceanography, 2007, 22, .	3.0	67
100	Magnetotactic bacterial response to Antarctic dust supply during the Palaeoceneâ€“Eocene thermal maximum. Earth and Planetary Science Letters, 2012, 333-334, 122-133.	4.4	67
101	Export of nutrient rich Northern Component Water preceded early Oligocene Antarctic glaciation. Nature Geoscience, 2018, 11, 190-196.	12.9	67
102	Link between oceanic heat transport, thermohaline circulation, and the Intertropical Convergence Zone in the early Pliocene Atlantic. Geology, 1999, 27, 319.	4.4	64
103	Paleoredox changes across the Paleocene-Eocene thermal maximum, Walvis Ridge (ODP Sites 1262, 1263,) Tj ETQq1 1 0.784314 rgB	3.0	64
104	On stable isotopic variation and earliest Paleocene planktonic foraminifera. Paleoceanography, 1993, 8, 527-547.	3.0	63
105	The response of calcareous nannofossil assemblages to the Paleocene Eocene Thermal Maximum at the Walvis Ridge in the South Atlantic. Marine Micropaleontology, 2009, 70, 201-212.	1.2	62
106	Spatiotemporal patterns of carbonate sedimentation in the South Atlantic: Implications for carbon cycling during the Paleoceneâ€“Eocene thermal maximum. Palaeogeography, Palaeoclimatology, Palaeoecology, 2010, 293, 30-40.	2.3	62
107	The Cretaceous/Tertiary Boundary Event in the North Pacific: Planktonic foraminiferal results from Deep Sea Drilling Project Site 577, Shatsky Rise. Paleoceanography, 1986, 1, 97-117.	3.0	58
108	Cretaceous foraminifera and the evolutionary history of planktic photosymbiosis. Paleobiology, 1998, 24, 512-523.	2.0	58

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109	Biotic, geochemical, and paleomagnetic changes across the Cretaceous/Tertiary boundary at Braggs, Alabama. Geology, 1987, 15, 311.	4.4	57
110	Astronomically tuned age model for the early Eocene carbon isotope events: A new high-resolution Î´13 Cbenthic record of ODP Site 1263 between ~ 49 and ~ 54 Ma. Newsletters on Stratigraphy, 2016, 49, 383-400.	1.2	55
111	Palaeoceneâ€“Eocene Thermal Maximum prolonged by fossil carbon oxidation. Nature Geoscience, 2019, 12, 54-60.	12.9	55
112	Clay assemblage and oxygen isotopic constraints on the weathering response to the Paleocene-Eocene thermal maximum, east coast of North America. Geology, 2012, 40, 591-594.	4.4	53
113	Deep-sea redox across the Paleocene-Eocene thermal maximum. Geochemistry, Geophysics, Geosystems, 2014, 15, 1038-1053.	2.5	52
114	Early Pliocene deep water circulation in the western equatorial Atlantic: Implications for high-latitude climate change. Paleoceanography, 1998, 13, 84-95.	3.0	50
115	Orbitally-Tuned Sr Isotope Chemostratigraphy for the Late Middle to Late Miocene. Paleoceanography, 1999, 14, 74-83.	3.0	46
116	Variations in the strontium isotope composition of seawater during the Paleocene and early Eocene from ODP Leg 208 (Walvis Ridge). Geochemistry, Geophysics, Geosystems, 2007, 8, .	2.5	45
117	Orbital forcing of the Paleocene and Eocene carbon cycle. Paleoceanography, 2017, 32, 440-465.	3.0	45
118	Scaled biotic disruption during early Eocene global warming events. Biogeosciences, 2012, 9, 4679-4688.	3.3	44
119	Placing our current â€˜hyperthermalâ€™ in the context of rapid climate change in our geological past. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2018, 376, 20170086.	3.4	44
120	A core-top calibration of B/Ca in the benthic foraminifers Nuttallides umbonifera and Oridorsalis umbonatus: A proxy for Cenozoic bottom water carbonate saturation. Earth and Planetary Science Letters, 2011, 310, 360-368.	4.4	42
121	Late Eocene tropical sea surface temperatures: A perspective from Panama. Paleoceanography, 2002, 17, 4-1-4-14.	3.0	41
122	Arctic dinoflagellate migrations mark the strongest Oligocene glaciations. Geology, 2005, 33, 709.	4.4	39
123	The Paleoceneâ€“Eocene Thermal Maximum at DSDP Site 277, Campbell Plateau, southern Pacific Ocean. Climate of the Past, 2015, 11, 1009-1025.	3.4	38
124	Environmental impact and magnitude of paleosol carbonate carbon isotope excursions marking five early Eocene hyperthermals in the Bighorn Basin, Wyoming. Climate of the Past, 2016, 12, 1151-1163.	3.4	36
125	Ice retreat in Wilkes Basin of East Antarctica during a warm interglacial. Nature, 2020, 583, 554-559.	27.8	36
126	Early Pliocene climate: A perspective from the western equatorial Atlantic Warm Pool. Paleoceanography, 1998, 13, 459-470.	3.0	35

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127	Deep-sea environments on a warm earth: latest Paleocene-early Eocene. , 1999, , 132-160.		35
128	Deciphering the paleoceanographic significance of Early Oligocene Braarudosphaera chalks in the South Atlantic. Marine Micropaleontology, 2003, 49, 49-63.	1.2	32
129	Carbon and oxygen isotope records from Paleosols spanning the Paleocene-Eocene boundary, Bighorn Basin, Wyoming. , 2003, , .		32
130	Orbitally Paced Carbon and Deepâ€Sea Temperature Changes at the Peak of the Early Eocene Climatic Optimum. Paleoceanography and Paleoclimatology, 2018, 33, 1050-1065.	2.9	30
131	The Magnitude of Surface Ocean Acidification and Carbon Release During Eocene Thermal Maximum 2 (ETMâ€2) and the Paleoceneâ€Eocene Thermal Maximum (PETM). Paleoceanography and Paleoclimatology, 2020, 35, e2019PA003699.	2.9	30
132	Millennial-scale variations in western Sierra Nevada precipitation during the last glacial cycle MIS 4/3 transition. Quaternary Research, 2014, 82, 236-248.	1.7	29
133	A Model of early to middle Miocene Deep Ocean circulation for the Atlantic and Indian Oceans. Geological Society Special Publication, 1998, 131, 55-70.	1.3	28
134	Palaeoclimatology (Communication arising): Tropical temperatures in greenhouse episodes. Nature, 2002, 419, 897-898.	27.8	28
135	Eocene temperature gradients. Nature Geoscience, 2017, 10, 538-539.	12.9	28
136	Origin of a global carbonate layer deposited in the aftermath of the Cretaceous-Paleogene boundary impact. Earth and Planetary Science Letters, 2020, 548, 116476.	4.4	28
137	Influence of solution chemistry on the boron content in inorganic calcite grown in artificial seawater. Geochimica Et Cosmochimica Acta, 2017, 218, 291-307.	3.9	26
138	Constraints on hyperthermals. Nature Geoscience, 2012, 5, 231-231.	12.9	24
139	Evidence for Shelf Acidification During the Onset of the Paleoceneâ€Eocene Thermal Maximum. Paleoceanography and Paleoclimatology, 2018, 33, 1408-1426.	2.9	24
140	Capturing the global signature of surface ocean acidification during the Palaeoceneâ€“Eocene Thermal Maximum. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2018, 376, 20170072.	3.4	24
141	Astronomically paced changes in deep-water circulation in the western North Atlantic during the middle Eocene. Earth and Planetary Science Letters, 2018, 484, 329-340.	4.4	23
142	New constraints on massive carbon release and recovery processes during the Paleocene-Eocene Thermal Maximum. Environmental Research Letters, 2018, 13, 105008.	5.2	23
143	Increased frequency of extreme precipitation events in the North Atlantic during the PETM: Observations and theory. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 568, 110289.	2.3	22
144	Comparison of zonal temperature profiles for past warm time periods. , 1999, , 50-76.		21

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145	An Integrated Calcareous Microfossil Biostratigraphic and Carbon-Isotope Stratigraphic Framework for the La Luna Formation, Western Venezuela. Palaios, 2003, 18, 349-366.	1.3	21
146	Geochemical and paleoenvironmental variations across the Cretaceous/Tertiary boundary at Braggs, Alabama. Palaeogeography, Palaeoclimatology, Palaeoecology, 1989, 69, 245-266.	2.3	20
147	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.	3.4	18
148	Sea level, biotic and carbon-isotope response to the Paleoceneâ€“Eocene thermal maximum in Tibetan Himalayan platform carbonates. Global and Planetary Change, 2020, 194, 103316.	3.5	18
149	The Bottaccione section at Gubbio, central Italy: a classical Paleocene Tethyan setting revisited. Newsletters on Stratigraphy, 2015, 48, 325-339.	1.2	17
150	Greenhouse- and orbital-forced climate extremes during the early Eocene. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2018, 376, 20170085.	3.4	17
151	Biogeochemical modeling at mass extinction boundaries: Atmospheric carbon dioxide and ocean alkalinity at the K/T boundary. Lecture Notes in Earth Sciences, 1990, , 333-345.	0.5	16
152	Interactions between carbon dioxide, climate, weathering, and the Antarctic ice sheet in the earliest Oligocene. Global and Planetary Change, 2013, 111, 258-267.	3.5	16
153	On the Demise of the Early Paleogene Morozovella velascoensis Lineage: Terminal Progenesis in the Planktonic Foraminifera. Palaios, 2001, 16, 507-523.	1.3	14
154	Paleogene and Early Neogene Deep Water Paleoceanography of the Indian Ocean as Determined from Benthic Foraminifer Stable Carbon and Oxygen Isotope Records. Geophysical Monograph Series, 2013, , 351-385.	0.1	14
155	Coupled evolution of temperature and carbonate chemistry during the Paleoceneâ€“Eocene; new trace element records from the low latitude Indian Ocean. Earth and Planetary Science Letters, 2020, 545, 116414.	4.4	14
156	Large-scale, astronomically paced sediment input to the North Sea Basin during the Paleocene Eocene Thermal Maximum. Earth and Planetary Science Letters, 2022, 579, 117340.	4.4	14
157	An assessment of the biogeochemical feedback response to the climatic and chemical perturbations of the LPTM. Gff, 2000, 122, 188-189.	1.2	13
158	Subtropical sea-surface warming and increased salinity during Eocene Thermal Maximum 2. Geology, 2018, 46, 187-190.	4.4	13
159	Surface ocean warming and acidification driven by rapid carbon release precedes Paleocene-Eocene Thermal Maximum. Science Advances, 2022, 8, eabg1025.	10.3	13
160	The Habitat of the Nascent Chicxulub Crater. AGU Advances, 2020, 1, e2020AV000208.	5.4	12
161	A Warm, Stratified, and Restricted Labrador Sea Across the Middle Eocene and Its Climatic Optimum. Paleoceanography and Paleoclimatology, 2020, 35, e2020PA003932.	2.9	12
162	Astronomical calibration age for the Oligocene-Miocene boundary. Geology, 2000, 28, 447-450.	4.4	9

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163	High-resolution records of the late Paleocene thermal maximum and circum-Caribbean volcanism: Is there a causal link?: Comment and Reply. Geology, 1998, 26, 670.	4.4	8
164	No substantial long-term bias in the Cenozoic benthic foraminifera oxygen-isotope record. Nature Communications, 2018, 9, 2875.	12.8	8
165	Effects of size-dependent sediment mixing on deep-sea records of the Paleocene-Eocene Thermal Maximum. Geology, 2019, 47, 749-752.	4.4	8
166	Paleocene and Eocene coastal ocean temperatures. Gff, 2000, 122, 171-172.	1.2	6
167	Kaolinite distribution in Paleocene/Eocene boundary strata of northeastern United States and Pakistan â€“ climatic and stratigraphic implications. Gff, 2000, 122, 56-56.	1.2	4
168	Enhanced Poleward Flux of Atmospheric Moisture to the Weddell Sea Region (ODP Site 690) During the Paleoceneâ€Eocene Thermal Maximum. Paleoceanography and Paleoclimatology, 2020, 35, e2019PA003811.	2.9	4
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