James C Zachos

List of Publications by Year
in descending order

176 papers	34,851 citations	5248 83 h-index	4628 170 g-index
184 all docs	184 docs citations	184 times ranked	16514 citing authors

#	Article	IF	Citations
1	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.	1.8	14
2	Surface ocean warming and acidification driven by rapid carbon release precedes Paleocene-Eocene Thermal Maximum. Science Advances, 2022, 8, eabg1025.	4.7	13
3	Increased frequency of extreme precipitation events in the North Atlantic during the PETM: Observations and theory. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 568, 110289.	1.0	22
4	Calcareous nannoplankton response to early Eocene warmth, Southwest Pacific Ocean. Marine Micropaleontology, 2021, 165, 101992.	0.5	3
5	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.	1.3	30
6	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.	1.6	18
7	Ice retreat in Wilkes Basin of East Antarctica during a warm interglacial. Nature, 2020, 583, 554-559.	13.7	36
8	The Habitat of the Nascent Chicxulub Crater. AGU Advances, 2020, 1, e2020AV000208.	2.3	12
9	Origin of a global carbonate layer deposited in the aftermath of the Cretaceous-Paleogene boundary impact. Earth and Planetary Science Letters, 2020, 548, 116476.	1.8	28
10	A Warm, Stratified, and Restricted Labrador Sea Across the Middle Eocene and Its Climatic Optimum. Paleoceanography and Paleoclimatology, 2020, 35, e2020PA003932.	1.3	12
11	An astronomically dated record of Earthâ€™s climate and its predictability over the last 66 million years. Science, 2020, 369, 1383-1387.	6.0	791
12	On impact and volcanism across the Cretaceous-Paleogene boundary. Science, 2020, 367, 266-272.	6.0	178
13	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.	1.3	4
14	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.	1.8	14
15	Effects of size-dependent sediment mixing on deep-sea records of the Paleocene-Eocene Thermal Maximum. Geology, 2019, 47, 749-752.	2.0	8
16	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
17	A Highâ€Fidelity Benthic Stable Isotope Record of Late Cretaceousâ€"Early Eocene Climate Change and Carbonâ€Cycling. Paleoceanography and Paleoclimatology, 2019, 34, 672-691.	1.3	90
18	Palaeoceneâ€"Eocene Thermal Maximum prolonged by fossil carbon oxidation. Nature Geoscience, 2019, 12, 54-60.	5.4	55

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19	Export of nutrient rich Northern Component Water preceded early Oligocene Antarctic glaciation. Nature Geoscience, 2018, 11, 190-196.	5.4	67
20	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.	1.8	23
21	Subtropical sea-surface warming and increased salinity during Eocene Thermal Maximum 2. Geology, 2018, 46, 187-190.	2.0	13
22	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.	2.0	75
23	New constraints on massive carbon release and recovery processes during the Paleocene-Eocene Thermal Maximum. Environmental Research Letters, 2018, 13, 105008.	2.2	23
24	Evidence for Shelf Acidification During the Onset of the Paleoceneâ€Eocene Thermal Maximum. Paleoceanography and Paleoclimatology, 2018, 33, 1408-1426.	1.3	24
25	Orbitally Paced Carbon and Deepâ€Sea Temperature Changes at the Peak of the Early Eocene Climatic Optimum. Paleoceanography and Paleoclimatology, 2018, 33, 1050-1065.	1.3	30
26	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.	1.6	44
27	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.	1.6	24
28	Greenhouse- and orbital-forced climate extremes during the early Eocene. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2018, 376, 20170085.	1.6	17
29	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.	1.3	116
30	No substantial long-term bias in the Cenozoic benthic foraminifera oxygen-isotope record. Nature Communications, 2018, 9, 2875.	5.8	8
31	Orbital forcing of the Paleocene and Eocene carbon cycle. Paleoceanography, 2017, 32, 440-465.	3.0	45
32	Influence of solution chemistry on the boron content in inorganic calcite grown in artificial seawater. Geochimica Et Cosmochimica Acta, 2017, 218, 291-307.	1.6	26
33	Eocene temperature gradients. Nature Geoscience, 2017, 10, 538-539.	5.4	28
34	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.	1.3	90
35	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.	1.3	90
36	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.	1.3	36

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37	An abyssal carbonate compensation depth overshoot in the aftermath of the Palaeoceneâ€“Eocene Thermal Maximum. Nature Geoscience, 2016, 9, 575-580.	5.4	73
38	Anthropogenic carbon release rate unprecedented during the past 66 million years. Nature Geoscience, 2016, 9, 325-329.	5.4	295
39	Antarctic Ice Sheet variability across the Eocene-Oligocene boundary climate transition. Science, 2016, 352, 76-80.	6.0	116
40	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.	0.5	55
41	The Bottaccione section at Gubbio, central Italy: a classical Paleocene Tethyan setting revisited. Newsletters on Stratigraphy, 2015, 48, 325-339.	0.5	17
42	Frequency, magnitude and character of hyperthermal events at the onset of the Early Eocene Climatic Optimum. Climate of the Past, 2015, 11, 1313-1324.	1.3	84
43	Astronomical calibration of the geological timescale: closing the middle Eocene gap. Climate of the Past, 2015, 11, 1181-1195.	1.3	71
44	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.	1.6	71
45	The Paleoceneâ€“Eocene Thermal Maximum at DSDP Site 277, Campbell Plateau, southern Pacific Ocean. Climate of the Past, 2015, 11, 1009-1025.	1.3	38
46	Carbon sequestration during the Palaeoceneâ€“Eocene Thermal Maximum by an efficient biological pump. Nature Geoscience, 2014, 7, 382-388.	5.4	83
47	Millennial-scale variations in western Sierra Nevada precipitation during the last glacial cycle MIS 4/3 transition. Quaternary Research, 2014, 82, 236-248.	1.0	29
48	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.	1.8	130
49	Deep-sea redox across the Paleocene-Eocene thermal maximum. Geochemistry, Geophysics, Geosystems, 2014, 15, 1038-1053.	1.0	52
50	Rapid and sustained surface ocean acidification during the Paleoceneâ€Eocene Thermal Maximum. Paleoceanography, 2014, 29, 357-369.	3.0	176
51	The Bottaccione Section at Gubbio, Central Italy: A Classic Palaeocene Tethyan Setting Revisited. Springer Geology, 2014, , 103-105.	0.2	1
52	Interactions between carbon dioxide, climate, weathering, and the Antarctic ice sheet in the earliest Oligocene. Global and Planetary Change, 2013, 111, 258-267.	1.6	16
53	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.	1.6	73
54	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

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55	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
56	Assessing â€œDangerous Climate Changeâ€: Required Reduction of Carbon Emissions to Protect Young People, Future Generations and Nature. PLoS ONE, 2013, 8, e81648.	1.1	448
57	Constraints on hyperthermals. Nature Geoscience, 2012, 5, 231-231.	5.4	24
58	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.	2.0	53
59	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.	0.7	70
60	Foraminiferal Mg/Ca evidence for Southern Ocean cooling across the Eoceneâ€“Oligocene transition. Earth and Planetary Science Letters, 2012, 317-318, 251-261.	1.8	101
61	Magnetotactic bacterial response to Antarctic dust supply during the Palaeoceneâ€“Eocene thermal maximum. Earth and Planetary Science Letters, 2012, 333-334, 122-133.	1.8	67
62	Early Paleogene temperature history of the Southwest Pacific Ocean: Reconciling proxies and models. Earth and Planetary Science Letters, 2012, 349-350, 53-66.	1.8	194
63	Making sense of palaeoclimate sensitivity. Nature, 2012, 491, 683-691.	13.7	247
64	The Geological Record of Ocean Acidification. Science, 2012, 335, 1058-1063.	6.0	828
65	Scaled biotic disruption during early Eocene global warming events. Biogeosciences, 2012, 9, 4679-4688.	1.3	44
66	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
67	Ocean acidification during the Cenozoic. Applied Geochemistry, 2011, 26, S288.	1.4	1
68	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.	1.8	42
69	Two-stepping into the icehouse: East Antarctic weathering during progressive ice-sheet expansion at the Eoceneâ€“Oligocene transition. Geology, 2011, 39, 383-386.	2.0	72
70	A model for orbital pacing of methane hydrate destabilization during the Palaeogene. Nature Geoscience, 2011, 4, 775-778.	5.4	119
71	Rapid carbon sequestration at the termination of the Palaeoceneâ€“Eocene Thermal Maximum. Nature Geoscience, 2010, 3, 866-869.	5.4	105
72	High-resolution deep-sea carbon and oxygen isotope records of Eocene Thermal Maximum 2 and H2. Geology, 2010, 38, 607-610.	2.0	128

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73	Paleoredox changes across the Paleocene-Eocene thermal maximum, Walvis Ridge (ODP Sites 1262, 1263,) Tj ETQq1 1 0.784314 rgBT /	3.0	64
74	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.	1.6	142
75	Orbital chronology of Early Eocene hyperthermals from the Contessa Road section, central Italy. Earth and Planetary Science Letters, 2010, 290, 192-200.	1.8	114
76	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.	1.8	256
77	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.	1.0	62
78	Tropical sea temperatures in the high-latitude South Pacific during the Eocene. Geology, 2009, 37, 99-102.	2.0	169
79	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.	0.5	62
80	Early Palaeogene temperature evolution of the southwest Pacific Ocean. Nature, 2009, 461, 776-779.	13.7	325
81	Carbon dioxide forcing alone insufficient to explain Palaeoceneâ€“Eocene Thermal Maximum warming. Nature Geoscience, 2009, 2, 576-580.	5.4	367
82	Latest on the absolute age of the Paleoceneâ€“Eocene Thermal Maximum (PETM): New insights from exact stratigraphic position of key ash layers + 19 and âˆ' 17. Earth and Planetary Science Letters, 2009, 287, 412-419.	1.8	140
83	Coupled greenhouse warming and deepâ€sea acidification in the middle Eocene. Paleoceanography, 2009, 24, .	3.0	251
84	An early Cenozoic perspective on greenhouse warming and carbon-cycle dynamics. Nature, 2008, 451, 279-283.	13.7	2,725
85	North American continental margin records of the Paleoceneâ€Eocene thermal maximum: Implications for global carbon and hydrological cycling. Paleoceanography, 2008, 23, .	3.0	176
86	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, .	1.0	95
87	Eustatic variations during the Paleoceneâ€Eocene greenhouse world. Paleoceanography, 2008, 23, .	3.0	167
88	Carbon Emissions and Acidification. Science, 2008, 321, 51-52.	6.0	233
89	Target Atmospheric CO: Where Should Humanity Aim?. The Open Atmospheric Science Journal, 2008, 2, 217-231.	0.5	893
90	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.	1.6	102

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91	Multiple early Eocene hyperthermals: Their sedimentary expression on the New Zealand continental margin and in the deep sea. Geology, 2007, 35, 699.	2.0	200
92	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
93	Reversed deepâ€sea carbonate ion basin gradient during Paleoceneâ€Eocene thermal maximum. Paleoceanography, 2007, 22, .	3.0	111
94	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, .	1.0	45
95	On the duration of the Paleoceneâ€Eocene thermal maximum (PETM). Geochemistry, Geophysics, Geosystems, 2007, 8, .	1.0	318
96	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
97	Environmental precursors to rapid light carbon injection at the Palaeocene/Eocene boundary. Nature, 2007, 450, 1218-1221.	13.7	296
98	Eocene hyperthermal event offers insight into greenhouse warming. Eos, 2006, 87, 165.	0.1	91
99	Extended orbitally forced palaeoclimatic records from the equatorial Atlantic Ceara Rise. Quaternary Science Reviews, 2006, 25, 3138-3149.	1.4	118
100	Anomalous shifts in tropical Pacific planktonic and benthic foraminiferal test size during the Paleoceneâ€"Eocene thermal maximum. Palaeogeography, Palaeoclimatology, Palaeoecology, 2006, 237, 456-464.	1.0	67
101	Extreme warming of mid-latitude coastal ocean during the Paleocene-Eocene Thermal Maximum: Inferences from TEX86 and isotope data. Geology, 2006, 34, 737.	2.0	292
102	Shelf and open-ocean calcareous phytoplankton assemblages across the Paleocene-Eocene Thermal Maximum: Implications for global productivity gradients. Geology, 2006, 34, 233.	2.0	204
103	Pelagic evolution and environmental recovery after the Cretaceous-Paleogene mass extinction. Geology, 2006, 34, 297.	2.0	96
104	ATMOSPHERE: An Ancient Carbon Mystery. Science, 2006, 314, 1556-1557.	6.0	162
105	Astronomical pacing of late Palaeocene to early Eocene global warming events. Nature, 2005, 435, 1083-1087.	13.7	492
106	Arctic dinoflagellate migrations mark the strongest Oligocene glaciations. Geology, 2005, 33, 709.	2.0	39
107	Rapid Acidification of the Ocean During the Paleocene-Eocene Thermal Maximum. Science, 2005, 308, 1611-1615.	6.0	943
108	Carbon cycle feedbacks and the initiation of Antarctic glaciation in the earliest Oligocene. Global and Planetary Change, 2005, 47, 51-66.	1.6	139

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109	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
110	Marked Decline in Atmospheric Carbon Dioxide Concentrations During the Paleogene. Science, 2005, 309, 600-603.	6.0	774
111	A humid climate state during the Palaeocene/Eocene thermal maximum. Nature, 2004, 432, 495-499.	13.7	266
112	Astronomic calibration of the late Oligocene through early Miocene geomagnetic polarity time scale. Earth and Planetary Science Letters, 2004, 224, 33-44.	1.8	120
113	Deciphering the paleoceanographic significance of Early Oligocene Braarudosphaera chalks in the South Atlantic. Marine Micropaleontology, 2003, 49, 49-63.	0.5	32
114	Early Cenozoic decoupling of the global carbon and sulfur cycles. Paleoceanography, 2003, 18, n/a-n/a.	3.0	319
115	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
116	Significant Southern Ocean warming event in the late middle Eocene. Geology, 2003, 31, 1017.	2.0	322
117	A Transient Rise in Tropical Sea Surface Temperature During the Paleocene-Eocene Thermal Maximum. Science, 2003, 302, 1551-1554.	6.0	554
118	Carbon and oxygen isotope records from Paleosols spanning the Paleocene-Eocene boundary, Bighorn Basin, Wyoming. , 2003, , .		32
119	An Integrated Calcareous Microfossil Biostratigraphic and Carbon-Isotope Stratigraphic Framework for the La Luna Formation, Western Venezuela. Palaios, 2003, 18, 349-366.	0.6	21
120	Warming the fuel for the fire: Evidence for the thermal dissociation of methane hydrate during the Paleocene-Eocene thermal maximum. Geology, 2002, 30, 1067.	2.0	301
121	Late Eocene tropical sea surface temperatures: A perspective from Panama. Paleoceanography, 2002, 17, 4-1-4-14.	3.0	41
122	Palaeoclimatology (Communication arising): Tropical temperatures in greenhouse episodes. Nature, 2002, 419, 897-898.	13.7	28
123	Late Paleocene Arctic coastal climate inferred from molluscan stable and radiogenic isotope ratios. Palaeogeography, Palaeoclimatology, Palaeoecology, 2001, 170, 101-113.	1.0	71
124	On the Demise of the Early Paleogene Morozovella velascoensis Lineage: Terminal Progenesis in the Planktonic Foraminifera. Palaios, 2001, 16, 507-523.	0.6	14
125	Trends, Rhythms, and Aberrations in Global Climate 65 Ma to Present. Science, 2001, 292, 686-693.	6.0	8,416
126	Climate Response to Orbital Forcing Across the Oligocene-Miocene Boundary. Science, 2001, 292, 274-278.	6.0	433

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127	Global climate change and North American mammalian evolution. Paleobiology, 2000, 26, 259-288.	1.3	113
128	Global climate change and North American mammalian evolution. Paleobiology, 2000, 26, 259-288.	1.3	93
129	Was the late Paleocene thermal maximum a unique event?. Gff, 2000, 122, 169-170.	0.4	68
130	An assessment of the biogeochemical feedback response to the climatic and chemical perturbations of the LPTM. Gff, 2000, 122, 188-189.	0.4	13
131	Astronomical calibration age for the Oligocene-Miocene boundary. Geology, 2000, 28, 447.	2.0	117
132	On the demise of the early PaleogeneMorozovella velascoensislineage: Terminal progenesis in the planktic foraminifera?. Gff, 2000, 122, 86-87.	0.4	1
133	Preface & summary. Gff, 2000, 122, 4-6.	0.4	0
134	Kaolinite distribution in Paleocene/Eocene boundary strata of northeastern United States and Pakistan â€" climatic and stratigraphic implications. Gff, 2000, 122, 56-56.	0.4	4
135	Evidence for subtropical warming during the late Paleocene thermal maximumâ€"New insights from DSDP Site 527. Gff, 2000, 122, 168-168.	0.4	0
136	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
137	Orbitally induced climate and geochemical variability across the Oligocene/Miocene boundary. Paleoceanography, 2000, 15, 471-485.	3.0	128
138	Paleocene and Eocene coastal ocean temperatures. Gff, 2000, 122, 171-172.	0.4	6
139	Astronomical calibration age for the Oligocene-Miocene boundary. Geology, 2000, 28, 447-450.	2.0	9
140	Comparison of zonal temperature profiles for past warm time periods. , 1999, , 50-76.		21
141	Deep-sea environments on a warm earth: latest Paleocene-early Eocene. , 1999, , 132-160.		35
142	Link between oceanic heat transport, thermohaline circulation, and the Intertropical Convergence Zone in the early Pliocene Atlantic. Geology, 1999, 27, 319.	2.0	64
143	Early cenozoic glaciation, antarctic weathering, and seawater 87Sr/86Sr: is there a link?. Chemical Geology, 1999, 161, 165-180.	1.4	108
144	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.	1.0	132

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145	Orbitally-Tuned Sr Isotope Chemostratigraphy for the Late Middle to Late Miocene. Paleoceanography, 1999, 14, 74-83.	3.0	46
146	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
147	Early Paleogene warm climates and biosphere dynamics: Meeting in GÃ¶teborg makes progress in deciphering the dynamics of past greenhouse worlds. Paleoceanography, 1999, 14, 559-560.	3.0	1
148	Evolutionary consequences of the latest Paleocene thermal maximum for tropical planktonic foraminifera. Palaeogeography, Palaeoclimatology, Palaeoecology, 1998, 141, 139-161.	1.0	172
149	Early Pliocene deep water circulation in the western equatorial Atlantic: Implications for high-latitude climate change. Paleoceanography, 1998, 13, 84-95.	3.0	50
150	Early Pliocene climate: A perspective from the western equatorial Atlantic Warm Pool. Paleoceanography, 1998, 13, 459-470.	3.0	35
151	Organic Carbon Fluxes and Ecological Recovery from the Cretaceous-Tertiary Mass Extinction. , 1998, 282, 276-279.		241
152	A Model of early to middle Miocene Deep Ocean circulation for the Atlantic and Indian Oceans. Geological Society Special Publication, 1998, 131, 55-70.	0.8	28
153	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.	2.0	8
154	Cretaceous foraminifera and the evolutionary history of planktic photosymbiosis. Paleobiology, 1998, 24, 512-523.	1.3	58
155	High-resolution records of the late Paleocene thermal maximum and circum-Caribbean volcanism: Is there a causal link?. Geology, 1997, 25, 963.	2.0	167
156	Orbitally paced climate oscillations across the Oligocene/Miocene boundary. Nature, 1997, 388, 567-570.	13.7	192
157	High-resolution (104years) deep-sea foraminiferal stable isotope records of the Eocene-Oligocene climate transition. Paleoceanography, 1996, 11, 251-266.	3.0	368
158	Rapid diversification of planktonic foraminifera in the tropical Pacific (ODP Site 865) during the late Paleocene thermal maximum. Geology, 1996, 24, 423.	2.0	250
159	Stable isotope stratigraphy and paleoclimatology of the Paleogene Bighorn Basin (Wyoming, USA). Palaeogeography, Palaeoclimatology, Palaeoecology, 1995, 115, 61-89.	1.0	225
160	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
161	Stable isotopic signals and photosymbiosis in Late Paleocene planktic foraminifera. Paleobiology, 1994, 20, 391-406.	1.3	107
162	Evolution of Early Cenozoic marine temperatures. Paleoceanography, 1994, 9, 353-387.	3.0	652

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163	On stable isotopic variation and earliest Paleocene planktonic foraminifera. Paleoceanography, 1993, 8, 527-547.	3.0	63
164	Abrupt Climate Change and Transient Climates during the Paleogene: A Marine Perspective. Journal of Geology, 1993, 101, 191-213.	0.7	437
165	Early Oligocene ice-sheet expansion on Antarctica: Stable isotope and sedimentological evidence from Kerguelen Plateau, southern Indian Ocean. Geology, 1992, 20, 569.	2.0	205
166	Isotopic evidence for paleoclimatic and paleoatmospheric variations from the Paleogene Bighorn Basin sequence. The Paleontological Society Special Publications, 1992, 6, 170-170.	0.0	0
167	Possible methane-induced polar warming in the early Eocene. Nature, 1992, 357, 320-322.	13.7	130
168	Correlation between isotope records in marine and continental carbon reservoirs near the Palaeocene/Eocene boundary. Nature, 1992, 358, 319-322.	13.7	557
169	Glass from the Cretaceous/Tertiary boundary in Haiti. Nature, 1991, 349, 482-487.	13.7	164
170	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
171	Global change at the Paleocene-Eocene boundary: climatic and evolutionary consequences of tectonic events. Palaeogeography, Palaeoclimatology, Palaeoecology, 1990, 79, 117-128.	1.0	172
172	Geochemical evidence for suppression of pelagic marine productivity at the Cretaceous/Tertiary boundary. Nature, 1989, 337, 61-64.	13.7	321
173	Geochemical and paleoenvironmental variations across the Cretaceous/Tertiary boundary at Braggs, Alabama. Palaeogeography, Palaeoclimatology, Palaeoecology, 1989, 69, 245-266.	1.0	20
174	Biotic, geochemical, and paleomagnetic changes across the Cretaceous/Tertiary boundary at Braggs, Alabama. Geology, 1987, 15, 311.	2.0	57
175	Paleoceanography of the Cretaceous/Tertiary Boundary Event: Inferences from stable isotopic and other data. Paleoceanography, 1986, 1, 5-26.	3.0	176
176	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