

# Robert C Thunell

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

174  
papers

9,900  
citations

56  
h-index

92  
g-index

177  
ext. papers

10,653  
ext. citations

8.3  
avg, IF

5.97  
L-index

#	Paper	IF	Citations
174	The Impacts of Flood, Drought, and Turbidites on Organic Carbon Burial Over the Past 2,000 Years in the Santa Barbara Basin, California. <i>Paleoceanography and Paleoclimatology</i> , <b>2020</b> , 35, e2020PA003849	3.3	1
173	A Sediment Trap Evaluation of B/Ca as a Carbonate System Proxy in Asymbiotic and Nondinoflagellate Hosting Planktonic Foraminifera. <i>Paleoceanography and Paleoclimatology</i> , <b>2020</b> , 35, e2019PA003682	3.3	2
172	Anomalous $\delta^{13}\text{C}$ in Particulate Organic Carbon at the Chemoautotrophy Maximum in the Cariaco Basin. <i>Journal of Geophysical Research G: Biogeosciences</i> , <b>2020</b> , 125, e2019JG005276	3.7	3
171	220 Year Diatom $\delta^{18}\text{O}$ Reconstruction of the Guaymas Basin Thermocline Using Microfluorination. <i>Paleoceanography and Paleoclimatology</i> , <b>2020</b> , 35, e2019PA003749	3.3	1
170	Decadal variability in twentieth-century ocean acidification in the California Current Ecosystem. <i>Nature Geoscience</i> , <b>2020</b> , 13, 43-49	18.3	24
169	Trace Element Heterogeneity Across Individual Planktic Foraminifera from the Modern Cariaco Basin. <i>Journal of Foraminiferal Research</i> , <b>2020</b> , 50, 204-218	1.1	6
168	Sea surface temperature across the Subarctic North Pacific and marginal seas through the past 20,000 years: A paleoceanographic synthesis. <i>Quaternary Science Reviews</i> , <b>2020</b> , 246, 106519	3.9	2
167	From Land to the Ocean: The Interplay Between Allochthonous and Autochthonous Contribution to Particles in Nepheloid Layers of the Cariaco Basin, Venezuela. <i>Journal of Geophysical Research G: Biogeosciences</i> , <b>2019</b> , 124, 3191-3207	3.7	
166	Seasonal and interannual changes in planktic foraminiferal fluxes and species composition in Guaymas Basin, Gulf of California. <i>Marine Micropaleontology</i> , <b>2019</b> , 149, 75-88	1.7	5
165	Shelf exposure influence on Indo-Pacific Warm Pool climate for the last 450,000 years. <i>Earth and Planetary Science Letters</i> , <b>2019</b> , 516, 66-76	5.3	15
164	Centennial OMZ changes in the NW Mexican Margin from geochemical and foraminiferal sedimentary records. <i>Continental Shelf Research</i> , <b>2019</b> , 176, 64-75	2.4	3
163	The Scientific Legacy of the CARIACO Ocean Time-Series Program. <i>Annual Review of Marine Science</i> , <b>2019</b> , 11, 413-437	15.4	17
162	Local and Remote Forcing of Denitrification in the Northeast Pacific for the Last 2,000 Years. <i>Paleoceanography and Paleoclimatology</i> , <b>2019</b> , 34, 1517-1533	3.3	6
161	Ongoing Increase in Eastern Tropical North Pacific Denitrification as Interpreted Through the Santa Barbara Basin Sedimentary $\delta^{15}\text{N}$ Record. <i>Paleoceanography and Paleoclimatology</i> , <b>2019</b> , 34, 1554-1567	3.3	7
160	Reconstructing 800 Years of Carbonate Ion Concentration in the Cariaco Basin Using the Area Density of Planktonic Foraminifera Shells. <i>Paleoceanography and Paleoclimatology</i> , <b>2019</b> , 34, 2129-2140	3.3	2
159	Similar Glacial-Interglacial $\delta^{15}\text{N}$ Variations in Two MIS 13-10 Sediment Sequences in the Western North Atlantic Ocean: Changes in Nitrogen Sources, Denitrification, or Diagenesis?. <i>Paleoceanography and Paleoclimatology</i> , <b>2019</b> , 34, 2171-2182	3.3	
158	Dinoflagellate cyst production in the Cariaco Basin: A 12.5 year-long sediment trap study. <i>Progress in Oceanography</i> , <b>2019</b> , 171, 175-211	3.8	13

157	Glacial expansion of oxygen-depleted seawater in the eastern tropical Pacific. <i>Nature</i> , <b>2018</b> , 562, 410-413	30.4	45
156	Physico-chemical and biological factors influencing dinoflagellate cyst production in the Cariaco Basin. <i>Biogeosciences</i> , <b>2018</b> , 15, 2325-2348	4.6	13
155	Deepwater Expansion and Enhanced Remineralization in the Eastern Equatorial Pacific During the Last Glacial Maximum. <i>Paleoceanography and Paleoclimatology</i> , <b>2018</b> , 33, 563-578	3.3	5
154	Mid-depth respired carbon storage and oxygenation of the eastern equatorial Pacific over the last 25,000 years. <i>Quaternary Science Reviews</i> , <b>2018</b> , 189, 43-56	3.9	18
153	Sea-surface temperatures for the last 7200 years from the eastern Sunda Shelf, South China Sea: Climatic inferences from planktonic foraminiferal Mg/Ca ratios. <i>Quaternary Science Reviews</i> , <b>2017</b> , 165, 13-24	3.9	2
152	Synchronous deglacial thermocline and deep-water ventilation in the eastern equatorial Pacific. <i>Nature Communications</i> , <b>2017</b> , 8, 14203	17.4	22
151	Evaluating controls on planktonic foraminiferal geochemistry in the Eastern Tropical North Pacific. <i>Earth and Planetary Science Letters</i> , <b>2016</b> , 452, 90-103	5.3	16
150	Rapid organic matter sulfurization in sinking particles from the Cariaco Basin water column. <i>Geochimica Et Cosmochimica Acta</i> , <b>2016</b> , 190, 175-190	5.5	50
149	Calcification of the planktonic foraminifera <i>Globigerina bulloides</i> and carbonate ion concentration: Results from the Santa Barbara Basin. <i>Paleoceanography</i> , <b>2016</b> , 31, 1083-1102		20
148	Decadal to centennial fluctuations in the intensity of the eastern tropical North Pacific oxygen minimum zone during the last 1200 years. <i>Paleoceanography</i> , <b>2016</b> , 31, 1138-1151		10
147	Cycling of suspended particulate phosphorus in the redoxcline of the Cariaco Basin. <i>Marine Chemistry</i> , <b>2015</b> , 176, 64-74	3.7	12
146	<i>Truncorotalia crassaformis</i> from its type locality: Comparison with Caribbean plankton and Pliocene relatives. <i>Marine Micropaleontology</i> , <b>2015</b> , 117, 1-12	1.7	5
145	The influence of rapid, millennial scale climate change on nitrogen isotope dynamics of the Cariaco Basin during marine isotope stage 3. <i>Paleoceanography</i> , <b>2015</b> , 30, 253-268		2
144	Phytoplankton community structure and depth distribution changes in the Cariaco Basin between 1996 and 2010. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2015</b> , 101, 27-37	2.5	17
143	Morphometric and stable isotopic differentiation of <i>Orbulina universa</i> morphotypes from the Cariaco Basin, Venezuela. <i>Marine Micropaleontology</i> , <b>2015</b> , 120, 46-64	1.7	30
142	Oceanography. Centennial changes in North Pacific anoxia linked to tropical trade winds. <i>Science</i> , <b>2014</b> , 345, 665-8	33.3	107
141	Interannual and Subdecadal Variability in the Nutrient Geochemistry of the Cariaco Basin. <i>Oceanography</i> , <b>2014</b> , 27, 148-159	2.3	30
140	Sources of $\delta^{15}N$ variability in sinking particulate nitrogen in the Cariaco Basin, Venezuela. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>2013</b> , 93, 96-107	2.3	15

139	Comparison of TEX86 and . <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2013</b> , 78, 115-133	2.5	18
138	Comparison of species-specific oxygen isotope paleotemperature equations: Sensitivity analysis using planktonic foraminifera from the Cariaco Basin, Venezuela. <i>Marine Micropaleontology</i> , <b>2013</b> , 101, 76-88	1.7	26
137	Planktonic foraminiferal area density as a proxy for carbonate ion concentration: A calibration study using the Cariaco Basin ocean time series. <i>Paleoceanography</i> , <b>2013</b> , 28, 363-376		42
136	Mechanisms of southern Caribbean SST variability over the last two millennia. <i>Geophysical Research Letters</i> , <b>2013</b> , 40, 5954-5958	4.9	23
135	Biogenic silica standing stock and export in the Santa Barbara Channel ecosystem. <i>Journal of Geophysical Research: Oceans</i> , <b>2013</b> , 118, 736-749	3.3	7
134	Biogenic nitrogen gas production at the oxic–anoxic interface in the Cariaco Basin, Venezuela. <i>Biogeosciences</i> , <b>2013</b> , 10, 267-279	4.6	14
133	A review of nitrogen isotopic alteration in marine sediments. <i>Paleoceanography</i> , <b>2012</b> , 27,		168
132	Silicic acid biogeochemistry in the Gulf of California: Insights from sedimentary Si isotopes. <i>Paleoceanography</i> , <b>2012</b> , 27, n/a-n/a		26
131	Vertical fluxes of particulate biogenic material through the euphotic and twilight zones in the Cariaco Basin, Venezuela. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2012</b> , 67, 73-84	2.5	17
130	Nitrogen isotopic composition of planktonic foraminifera from the modern ocean and recent sediments. <i>Limnology and Oceanography</i> , <b>2012</b> , 57, 1011-1024	4.8	44
129	Ecosystem responses in the southern Caribbean Sea to global climate change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 19315-20	11.5	77
128	Particulate sulfur species in the water column of the Cariaco Basin. <i>Geochimica Et Cosmochimica Acta</i> , <b>2011</b> , 75, 148-163	5.5	21
127	Pseudo-nitzschia and domoic acid fluxes in Santa Barbara Basin (CA) from 1993 to 2008. <i>Harmful Algae</i> , <b>2011</b> , 10, 567-575	5.3	39
126	Phosphorus composition of sinking particles in the Guaymas Basin, Gulf of California. <i>Limnology and Oceanography</i> , <b>2011</b> , 56, 1093-1105	4.8	20
125	The western North Atlantic record of MIS 13 to 10: Changes in primary productivity, organic carbon accumulation and benthic foraminiferal assemblages in sediments from the Blake Outer Ridge (ODP Site 1058). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2010</b> , 295, 89-101	2.9	11
124	The oxygen isotope composition of planktonic foraminifera from the Guaymas Basin, Gulf of California: Seasonal, annual, and interspecies variability. <i>Marine Micropaleontology</i> , <b>2010</b> , 74, 29-37	1.7	27
123	Rapid downward transport of the neurotoxin domoic acid in coastal waters. <i>Nature Geoscience</i> , <b>2009</b> , 2, 272-275	18.3	51
122	Seasonal and interannual dynamics in diatom production in the Cariaco Basin, Venezuela. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2009</b> , 56, 571-581	2.5	26

121	Hydrolytic ectoenzyme activity associated with suspended and sinking organic particles within the anoxic Cariaco Basin. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2009</b> , 56, 1266-1283	2.5	26
120	The importance of subsurface nepheloid layers in transport and delivery of sediments to the eastern Cariaco Basin, Venezuela. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2009</b> , 56, 2249-2262	2.5	32
119	A bi-polar signal recorded in the western tropical Pacific: Northern and Southern Hemisphere climate records from the Pacific warm pool during the last Ice Age. <i>Quaternary Science Reviews</i> , <b>2009</b> , 28, 2374-2385	3.9	22
118	Quantifying the seasonal variations in fluvial and eolian sources of terrigenous material to Cariaco Basin, Venezuela. <i>Journal of South American Earth Sciences</i> , <b>2009</b> , 27, 197-210	2	12
117	The Mg/Ca-temperature relationship of benthic foraminiferal calcite: New core-top calibrations in the . <i>Earth and Planetary Science Letters</i> , <b>2008</b> , 272, 523-530	5.3	41
116	Southern Hemisphere and deep-sea warming led deglacial atmospheric CO2 rise and tropical warming. <i>Science</i> , <b>2007</b> , 318, 435-8	33.3	167
115	Particulate organic carbon fluxes along upwelling-dominated continental margins: Rates and mechanisms. <i>Global Biogeochemical Cycles</i> , <b>2007</b> , 21,	5.9	86
114	An 8-century tropical Atlantic SST record from the Cariaco Basin: Baseline variability, twentieth-century warming, and Atlantic hurricane frequency. <i>Paleoceanography</i> , <b>2007</b> , 22, n/a-n/a		94
113	Inorganic and organic sinking particulate phosphorus fluxes across the oxic/anoxic water column of Cariaco Basin, Venezuela. <i>Marine Chemistry</i> , <b>2007</b> , 105, 90-100	3.7	47
112	The oxygen isotope composition of planktonic foraminifera from the Cariaco Basin, Venezuela: Seasonal and interannual variations. <i>Marine Micropaleontology</i> , <b>2007</b> , 62, 180-193	1.7	54
111	Modern climate forcing of terrigenous deposition in the tropics (Cariaco Basin, Venezuela). <i>Earth and Planetary Science Letters</i> , <b>2007</b> , 264, 438-451	5.3	45
110	Modelling river discharge and precipitation from estuarine salinity in the northern Chesapeake Bay: application to Holocene palaeoclimate. <i>Holocene</i> , <b>2006</b> , 16, 467-477	2.6	19
109	Changes in wind-driven upwelling during the last three centuries: Interocean teleconnections. <i>Geophysical Research Letters</i> , <b>2006</b> , 33,	4.9	12
108	Holocene paleomagnetic secular variation records from the western Equatorial Pacific Ocean. <i>Earth and Planetary Science Letters</i> , <b>2006</b> , 246, 381-392	5.3	19
107	The importance of continental margins in the global carbon cycle. <i>Geophysical Research Letters</i> , <b>2005</b> , 32,	4.9	275
106	Diagenetic effects on particulate phosphorus samples collected using formalin-poisoned sediment traps. <i>Limnology and Oceanography: Methods</i> , <b>2005</b> , 3, 308-317	2.6	12
105	Coccolithophore export production during the 1997-1998 El Niño event in Santa Barbara Basin (California). <i>Marine Micropaleontology</i> , <b>2005</b> , 55, 107-125	1.7	30
104	Phosphonates and particulate organic phosphorus cycling in an anoxic marine basin. <i>Limnology and Oceanography</i> , <b>2004</b> , 49, 1593-1604	4.8	79

103	Decline of surface temperature and salinity in the western tropical Pacific Ocean in the Holocene epoch. <i>Nature</i> , <b>2004</b> , 431, 56-9	50.4	367
102	Glacial-Holocene $\delta^{15}\text{N}$ record from the Gulf of Tehuantepec, Mexico: Implications for denitrification in the eastern equatorial Pacific and changes in atmospheric $\text{N}_2\text{O}$ . <i>Global Biogeochemical Cycles</i> , <b>2004</b> , 18, n/a-n/a	5.9	43
101	Nitrogen isotope dynamics of the Cariaco Basin, Venezuela. <i>Global Biogeochemical Cycles</i> , <b>2004</b> , 18, n/a-n/a	5.9	104
100	Isotopic constraints on glacial/interglacial changes in the oceanic nitrogen budget. <i>Global Biogeochemical Cycles</i> , <b>2004</b> , 18, n/a-n/a	5.9	169
99	Radionuclide fluxes and particle scavenging in Cariaco Basin. <i>Continental Shelf Research</i> , <b>2004</b> , 24, 1451-1463	14.6	9
98	Oceanographic controls on the carbon isotopic compositions of sinking particles from the Cariaco Basin. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2004</b> , 51, 1955-1974	2.5	25
97	Processes of coastal upwelling and carbon flux in the Cariaco Basin. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>2004</b> , 51, 927-943	2.3	67
96	Glacial/Interglacial organic carbon record from the Makassar Strait, Indonesia: implications for regional changes in continental vegetation. <i>Quaternary Science Reviews</i> , <b>2004</b> , 23, 17-27	3.9	25
95	Geochemical cycles in sediments deposited on the slopes of the Guaymas and Carmen Basins of the Gulf of California over the last 180 years. <i>Quaternary Science Reviews</i> , <b>2004</b> , 23, 1817-1833	3.9	23
94	Processes of coastal upwelling and carbon flux in the Cariaco Basin. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>2004</b> , 51, 927-943	2.3	3
93	Magnitude and timing of temperature change in the Indo-Pacific warm pool during deglaciation. <i>Nature</i> , <b>2003</b> , 421, 152-5	50.4	298
92	Distinguishing between water column and sedimentary denitrification in the Santa Barbara Basin using the stable isotopes of nitrate. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2003</b> , 4, n/a-n/a	3.6	127
91	Biogenic fluxes in the Cariaco Basin: a combined study of sinking particulates and underlying sediments. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2003</b> , 50, 781-807	2.5	50
90	Using species-specific paleotemperature equations with foraminifera: a case study in the Southern California Bight. <i>Marine Micropaleontology</i> , <b>2002</b> , 46, 405-430	1.7	59
89	Changes in deep and intermediate water properties in the western North Atlantic during marine isotope stages 11-12: evidence from ODP Leg 172. <i>Marine Geology</i> , <b>2002</b> , 189, 63-77	3.3	19
88	Gulf Stream and Western Boundary Undercurrent variations during MIS 10-12 at Site 1056, Blake-Bahama Outer Ridge. <i>Marine Geology</i> , <b>2002</b> , 189, 79-105	3.3	23
87	Acetate cycling in the water column of the Cariaco Basin: Seasonal and vertical variability and implication for carbon cycling. <i>Limnology and Oceanography</i> , <b>2002</b> , 47, 1119-1128	4.8	67
86	Super ENSO and global climate oscillations at millennial time scales. <i>Science</i> , <b>2002</b> , 297, 222-6	33.3	485



85	Direct comparison of marine and terrestrial climate variability during marine isotope stages 6 and 5: Results from Santa Barbara Basin ODP Hole 893A. <i>Paleoceanography</i> , <b>2002</b> , 17, 2-1-2-12		11
84	Planktonic foraminiferal response to the 1997-1998 El Niño: A sediment-trap record from the Santa Barbara Basin. <i>Geology</i> , <b>2001</b> , 29, 1075	5	16
83	Annual cycle of primary production in the Cariaco Basin: Response to upwelling and implications for vertical export. <i>Journal of Geophysical Research</i> , <b>2001</b> , 106, 4527-4542		127
82	Oceanographic considerations for the application of the alkenone-based paleotemperature U37K' index in the Gulf of California. <i>Geochimica Et Cosmochimica Acta</i> , <b>2001</b> , 65, 545-557	5.5	52
81	Chemoautotrophy in the redox transition zone of the Cariaco Basin: A significant midwater source of organic carbon production. <i>Limnology and Oceanography</i> , <b>2001</b> , 46, 148-163	4.8	188
80	Organic carbon fluxes, degradation, and accumulation in an anoxic basin: Sediment trap results from the Cariaco Basin. <i>Limnology and Oceanography</i> , <b>2000</b> , 45, 300-308	4.8	96
79	Planktonic foraminiferal fluxes in the Santa Barbara Basin: response to seasonal and interannual hydrographic changes. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>2000</b> , 47, 1157-1176	2.3	54
78	Nitrogen isotope variations in Santa Barbara Basin sediments: Implications for denitrification in the eastern tropical North Pacific during the last 50,000 years. <i>Paleoceanography</i> , <b>2000</b> , 15, 377-387		108
77	Comparison of $\delta^{13}C_{org}$ and fluxes with fluxes of major sediment components in the Guaymas Basin, Gulf of California. <i>Marine Chemistry</i> , <b>1999</b> , 65, 177-194	3.7	23
76	Increased marine sediment suspension and fluxes following an earthquake. <i>Nature</i> , <b>1999</b> , 398, 233-236	50.4	58
75	The nitrogen isotope biogeochemistry of sinking particles from the margin of the Eastern North Pacific. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>1999</b> , 46, 655-679	2.5	331
74	Nitrogen isotopic variations in the Gulf of California since the Last Deglaciation: Response to global climate change. <i>Paleoceanography</i> , <b>1999</b> , 14, 397-409		104
73	Seasonal and annual variability in particle fluxes in the Gulf of California: A response to climate forcing. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>1998</b> , 45, 2059-2083	2.5	100
72	Particle fluxes in a coastal upwelling zone: sediment trap results from Santa Barbara Basin, California. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , <b>1998</b> , 45, 1863-1884	2.3	92
71	Tropical Pacific sea surface temperatures and upper water column thermal structure during the Last Glacial Maximum. <i>Paleoceanography</i> , <b>1997</b> , 12, 649-657		61
70	Biogenic sedimentation and surface productivity changes in the Southern California Borderlands during the last glacial-interglacial cycle. <i>Marine Geology</i> , <b>1997</b> , 138, 171-192	3.3	9
69	Late Pleistocene-Holocene distribution of deep-sea benthic foraminifera in the South China Sea and Sulu Sea; paleoceanographic implications. <i>Journal of Foraminiferal Research</i> , <b>1996</b> , 26, 9-23	1.1	28
68	Sea surface temperature changes in the southern California borderlands during the last glacial-interglacial cycle. <i>Paleoceanography</i> , <b>1996</b> , 11, 415-429		35

67	Modelling planktic foraminiferal assemblage changes and application to sea surface temperature estimation in the western equatorial Pacific Ocean. <i>Marine Micropaleontology</i> , <b>1996</b> , 28, 211-229	1.7	30
66	Sea Surface Temperature of the Western Equatorial Pacific Ocean during the Younger Dryas. <i>Quaternary Research</i> , <b>1996</b> , 46, 72-77	1.9	32
65	Glacial climate instability in the Northeast Pacific Ocean. <i>Nature</i> , <b>1995</b> , 376, 504-506	50.4	54
64	Export production of coccolithophores in an upwelling region: Results from San Pedro Basin, Southern California Borderlands. <i>Marine Micropaleontology</i> , <b>1995</b> , 24, 335-358	1.7	115
63	Sediment fluxes and varve formation in Santa Barbara Basin, offshore California. <i>Geology</i> , <b>1995</b> , 23, 1083		75
62	Biogenic silica fluxes and accumulation rates in the Gulf of California. <i>Geology</i> , <b>1994</b> , 22, 303-306	5	42
61	Sea-Surface Temperature Estimates for the Tropical Western Pacific during the Last Glaciation and Their Implications for the Pacific Warm Pool. <i>Quaternary Research</i> , <b>1994</b> , 41, 255-264	1.9	108
60	Glacial-Holocene carbonate dissolution and sea surface temperatures in the south China and Sulu seas. <i>Paleoceanography</i> , <b>1994</b> , 9, 269-290		88
59	Temporal variability in sediment fluxes in the San Pedro Basin, southern California bight. <i>Continental Shelf Research</i> , <b>1994</b> , 14, 333-352	2.4	23
58	Varve formation in the Gulf of California: Insights from time series sediment trap sampling and remote sensing. <i>Quaternary Science Reviews</i> , <b>1993</b> , 12, 451-464	3.9	52
57	The oxygen-isotope composition of tropical ocean surface water during the last deglaciation. <i>Quaternary Science Reviews</i> , <b>1993</b> , 12, 465-473	3.9	17
56	Sediment mixing and accumulation rates in the Sulu and South China Seas: Implications for organic carbon preservation in deep-sea environments. <i>Marine Geology</i> , <b>1993</b> , 111, 15-35	3.3	46
55	Recent deep-sea benthic foraminiferal distributions in the South China and Sulu Seas. <i>Marine Micropaleontology</i> , <b>1993</b> , 22, 1-32	1.7	93
54	Planktonic foraminiferal faunal and stable isotopic indices of upwelling: a sediment trap study in the San Pedro Basin, Southern California Bight. <i>Geological Society Special Publication</i> , <b>1992</b> , 64, 77-91	1.7	33
53	Glacial-Holocene Biogenic Sedimentation Patterns in the South China Sea: Productivity Variations and Surface Water pCO <sub>2</sub> . <i>Paleoceanography</i> , <b>1992</b> , 7, 143-162		115
52	Organic carbon accumulation in Bannock Basin: Evaluating the role of productivity in the formation of eastern Mediterranean sapropels. <i>Marine Geology</i> , <b>1992</b> , 103, 461-471	3.3	60
51	Planktonic foraminiferal response to upwelling and seasonal hydrographic conditions; sediment trap results from San Pedro Basin, Southern California Bight. <i>Journal of Foraminiferal Research</i> , <b>1991</b> , 21, 347-363	1.1	158
50	Seasonal Variability in the $\delta^{18}O$ and $\delta^{13}C$ of Planktonic Foraminifera from an Upwelling Environment: Sediment Trap Results from the San Pedro Basin, Southern California Bight. <i>Paleoceanography</i> , <b>1991</b> , 6, 307-334		118



49	The record of deglaciation in the Sulu Sea: Evidence for the Younger Dryas Event in the tropical western Pacific. <i>Paleoceanography</i> , <b>1990</b> , 5, 1025-1039		64
48	Laminated sediments from the Vrica section (Calabria, S. Italy): evidence for plio-pleistocene climatic change in the Mediterranean region. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>1990</b> , 78, 195-216	2.9	12
47	Glacial/Interglacial salinity changes in the Mediterranean Sea: hydrographic and depositional effects. <i>Nature</i> , <b>1989</b> , 338, 493-496	50.4	150
46	Red Sea salinity. <i>Nature</i> , <b>1989</b> , 339, 21-21	50.4	1
45	Pliocene-pleistocene vegetational and climatic evolution of the south-central mediterranean. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>1989</b> , 72, 263-275	2.9	53
44	Seasonal succession of planktonic foraminifera; results from a four-year time-series sediment trap experiment in the Northeast Pacific. <i>Journal of Foraminiferal Research</i> , <b>1989</b> , 19, 253-267	1.1	121
43	Glacio-eustatic sea-level control on Red Sea salinity. <i>Nature</i> , <b>1988</b> , 334, 601-604	50.4	63
42	Paleoceanographic record of the last glacial/interglacial cycle in the Red Sea and Gulf of Aden. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>1988</b> , 64, 163-187	2.9	58
41	Chronology of the pleistocene oxygen isotope record: 0.88 m.y. B.P. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>1988</b> , 64, 221-240	2.9	145
40	Late neogene laminated and opal-rich facies from the Mediterranean region: Geochemical evidence for mechanisms of formation. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>1988</b> , 64, 265-286	2.9	28
39	Sedimentological evidence for early Miocene fault reactivation in the Gulf of Suez. <i>Geology</i> , <b>1988</b> , 16, 113	5	20
38	Miocene/Pliocene boundary magnetostratigraphy at Capo Sopartivento, Calabria, Italy. <i>Geology</i> , <b>1988</b> , 16, 1096	5	41
37	Danian faunal succession: Planktonic foraminiferal response to a changing marine environment. <i>Geology</i> , <b>1987</b> , 15, 665	5	22
36	Atlantic-Mediterranean water exchange during the Late Neocene. <i>Paleoceanography</i> , <b>1987</b> , 2, 661-678		62
35	Eocene eustatic sea level changes, evidence from Western Sinai, Egypt. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>1987</b> , 58, 1-9	2.9	27
34	Seasonal and interannual changes in planktonic foraminiferal production in the North Pacific. <i>Nature</i> , <b>1987</b> , 328, 335-337	50.4	42
33	The Cretaceous/Tertiary Boundary Event in the North Pacific: Planktonic foraminiferal results from Deep Sea Drilling Project Site 577, Shatsky Rise. <i>Paleoceanography</i> , <b>1986</b> , 1, 97-117		48
32	Late Eocene-Early Oligocene Carbonate Sedimentation in the Deep Sea. <i>Developments in Palaeontology and Stratigraphy</i> , <b>1986</b> , 9, 363-380		8

31	Oxygen minimum expansion in the Sulu Sea, western equatorial Pacific, during the last glacial low stand of sea level. <i>Marine Micropaleontology</i> , <b>1985</b> , 9, 395-418	1.7	43
30	Seasonal succession of planktonic foraminifera in the subpolar North Pacific. <i>Journal of Foraminiferal Research</i> , <b>1985</b> , 15, 282-301	1.1	151
29	Benthic foraminiferal biofacies associated with middle Miocene to early Pliocene oxygen-deficient conditions in the eastern Mediterranean. <i>Journal of Foraminiferal Research</i> , <b>1984</b> , 14, 187-202	1.1	41
28	Anoxic events in the Mediterranean Sea in relation to the evolution of late Neogene climates. <i>Marine Geology</i> , <b>1984</b> , 59, 105-134	3.3	68
27	Late Tertiary/Quaternary magnetostratigraphy and biostratigraphy of Vema Channel sediments. <i>Marine Geology</i> , <b>1984</b> , 58, 89-100	3.3	11
26	Late Pleistocene glacial/interglacial changes in planktonic foraminiferal biofacies and Carbonate dissolution patterns in the Vema Channel. <i>Marine Geology</i> , <b>1984</b> , 58, 101-122	3.3	22
25	Late Quaternary Sapropel Sediments in the Eastern Mediterranean Sea: Faunal Variations and Chronology. <i>Quaternary Research</i> , <b>1984</b> , 21, 385-403	1.9	29
24	Paleotemperature and paleosalinity history of the eastern Mediterranean during the Late Quaternary. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>1983</b> , 44, 23-39	2.9	45
23	Seasonal variation in the flux of planktonic foraminifera: time series sediment trap results from the Panama Basin. <i>Earth and Planetary Science Letters</i> , <b>1983</b> , 64, 44-55	5.3	101
22	Carbonate sedimentation beneath the Antarctic Circumpolar Current during the late Quaternary. <i>Marine Geology</i> , <b>1983</b> , 51, 293-326	3.3	16
21	Glacial anoxia in the eastern Mediterranean. <i>Journal of Foraminiferal Research</i> , <b>1983</b> , 13, 283-290	1.1	42
20	Neogene Planktonic Foraminiferal Biogeography of the Atlantic Ocean. <i>Micropaleontology</i> , <b>1982</b> , 28, 381	2	46
19	Carbonate dissolution and abyssal hydrography in the Atlantic Ocean. <i>Marine Geology</i> , <b>1982</b> , 47, 165-180	3.3	66
18	Cenozoic palaeotemperature changes and planktonic foraminiferal speciation. <i>Nature</i> , <b>1981</b> , 289, 670-672	5.4	25
17	Planktonic foraminiferal flux to the deep ocean: Sediment trap results from the tropical Atlantic and the central Pacific. <i>Marine Geology</i> , <b>1981</b> , 40, 237-253	3.3	39
16	Calcite dissolution and the modification of planktonic foraminiferal assemblages. <i>Marine Micropaleontology</i> , <b>1981</b> , 6, 169-182	1.7	94
15	Late Miocene-Early Pliocene planktonic foraminiferal biostratigraphy and paleoceanography of low-latitude marine sequences. <i>Marine Micropaleontology</i> , <b>1981</b> , 6, 71-90	1.7	21
14	Calcite Dissolution: An in situ Study in the Panama Basin. <i>Science</i> , <b>1981</b> , 212, 659-61	3.3	40

13	Climatic evolution of the mediterranean sea during the last 5.0 million years. <i>Sedimentary Geology</i> , <b>1979</b> , 23, 67-79	2.8	44
12	Planktonic foraminiferal fauna associated with eastern Mediterranean Quaternary stagnations. <i>Nature</i> , <b>1979</b> , 281, 211-213	50.4	27
11	Middle Pliocene climatic change in the western Mediterranean from faunal and oxygen isotopic trends. <i>Nature</i> , <b>1979</b> , 282, 294-296	50.4	43
10	Pliocene - Pleistocene paleotemperature and paleosalinity history of the Mediterranean Sea: Results from DSDP Sites 125 and 132. <i>Marine Micropaleontology</i> , <b>1979</b> , 4, 173-187	1.7	68
9	The Age, Origin, and Volcanological Significance of the Y-5 Ash Layer in the Mediterranean. <i>Quaternary Research</i> , <b>1979</b> , 12, 241-253	1.9	129
8	Eastern Mediterranean Sea during the Last Glacial Maximum; an 18,000-years B.P. Reconstruction. <i>Quaternary Research</i> , <b>1979</b> , 11, 353-372	1.9	56
7	Distribution of recent planktonic foraminifera in surface sediments of the Mediterranean Sea. <i>Marine Micropaleontology</i> , <b>1978</b> , 3, 147-173	1.7	101
6	Periodic freshwater flooding and stagnation of the eastern mediterranean sea during the late quaternary. <i>Science</i> , <b>1978</b> , 201, 252-4	33.3	88
5	Late Quaternary paleoclimatology, stratigraphy and sapropel history in eastern Mediterranean deep-sea sediments. <i>Marine Micropaleontology</i> , <b>1977</b> , 2, 371-388	1.7	131
4	On explosive cenozoic volcanism and climatic implications. <i>Science</i> , <b>1977</b> , 196, 1231-4	33.3	33
3	Calcium Carbonate dissolution History in Late Quaternary Deep-sea Sediments, Western Gulf of Mexico. <i>Quaternary Research</i> , <b>1976</b> , 6, 281-297	1.9	57
2	Optimum indices of calcium carbonate dissolution, in deep-sea sediments. <i>Geology</i> , <b>1976</b> , 4, 525	5	135
1	Global increase in quaternary explosive volcanism. <i>Science</i> , <b>1975</b> , 187, 497-502	33.3	151